



Agenda  
Village of Glen Ellyn  
Regular Meeting  
Monday, January 27, 2020  
7:00 PM  
Glen Ellyn Civic Center, Galligan Board Room

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Village Board Meeting Procedures Statement

*Visitors are most welcome to attend all meetings of the Village Board and can find copies of the Agenda on their chairs or online at [www.glenellyn.org](http://www.glenellyn.org) prior to the meeting. Meetings are taped and also televised on WideOpenWest Channel 6, AT&T Channel 99, and Comcast Cable Services Channel 10. Any individual with a disability requiring a reasonable accommodation in order to participate in a meeting should contact The Village of Glen Ellyn ADA Coordinator, 630-469-5000, at least five (5) business days in advance of the next scheduled meeting. All matters on the Agenda may be discussed, amended, and acted upon.*

**A. Call to Order**

**B. Pledge of Allegiance**

**C. Roll Call**

**D. Presentation**

1. Village Clerk Chereskin will present the APWA Suburban Branch Award for the Taylor Avenue Pedestrian Underpass to Public Works Director Hansen and Professional Engineer Daubert.

**E. Audience Participation**

1. Open:

Members of the public are welcome to speak to any item not specifically listed on tonight's agenda for up to (3) three minutes. For those items which are on tonight's agenda, the public will have the opportunity to comment at the time the item is discussed. In either case, please complete the Audience Participation form and turn it in to the Village Clerk. It is requested that, if possible, one spokesman for a group be appointed to present the views of the entire group. Speakers who are recognized are requested to step to a microphone and state their name, their topic and the group, if any, they are representing prior to addressing the Village Board. Individuals wishing to address the Board shall exercise proper decorum and respect for the proceedings and the business of the Village Board, and shall refrain from abusive demeanor and language. The practice of ceding time to other speakers shall be prohibited, except in the discretion of the presiding officer of the meeting. Public officials are not obligated to respond to questions.

**F. Consent Agenda - The following items are considered routine business by the Village Board and will be approved in a single vote in the form listed below:**

Motion to approve the following items including Payroll and Vouchers totaling \$814,274.54. These agenda items have been reviewed by the Management Team & Village Attorney and are consistent with the Village's purchasing policy (Trustee Senak):

1. Total Expenditures (Payroll and Vouchers) - \$814,274.54
2. January 13, 2020 Special Village Board Meeting Minutes
3. January 13, 2020 Regular Village Board Meeting Minutes
4. Approve the Recommendation of Village President Diane McGinley for the Appointment of Capital Improvements Commissioner Joel Baldin for a Term Ending May 31, 2023
5. Ordinance No. 6754, An Ordinance Directing the Application of Funds From Specified Sources to the Payment of Principal and Interest Upon General Obligation Bonds, Series 2018 (Capital Projects Bonds) for the Fiscal Year 2020 in the amount of \$678,468.76 (Finance Director Coyle)
6. Ordinance No. 6755, An Ordinance Directing the Application of Funds From Specified Sources to the Payment of Principal and Interest Upon General Obligation Bonds, Series 2015 (Police Station Bonds) for the Fiscal Year 2020 in the amount of \$956,493.76 (Finance Director Coyle)
7. Ordinance No. 6756, An Ordinance Directing the Application of Funds From Specified Sources to the Payment of Principal and Interest Upon General Obligation Bonds, Series 2012 (Village Links-Clubhouse Bonds) for the Fiscal Year 2020 in the amount of \$313,827.50 (Finance Director Coyle)
8. Ordinance No. 6757, An Ordinance Directing the Application of Funds From Specified Sources to the Payment of Principal and Interest Upon General Obligation Bonds, Series 2010 (Golf Course Bonds) for the Fiscal Year 2019 in the amount of \$343,867.50 (Finance Director Coyle)
9. Ordinance No. 6758, An Ordinance Partially Abating the Tax Hereto Levied for the Fiscal Year 2020 to Pay the Principal and Interest on the General Obligation Bonds, Taxable Series 2010 (Build America Bonds - Direct Payment) (Library Bonds) in the amount of \$7,430.96 (Finance Director Coyle)
10. Motion to Authorize the Village Manager to Execute a Contract with Donohue & Associates of Chicago, IL, in an Amount of \$34,380 for Engineering Design Fees for a Water Interconnect with Illinois American to be Expensed to the Water & Sewer Fund and to Execute One or More Contract Change Orders for Additional Work with Donohue & Associates of Chicago, IL in an Amount Not to Exceed \$5,000, for Engineering Design Fees for a Water Interconnect with Illinois American to be Expensed to the Water & Sewer Fund (Public Works Director Hansen)



11. Ordinance No. 6759-VC, An Ordinance to Amend the Glen Ellyn Municipal Code, to Repeal and Replace Sections 6-2-3.15 and 6-2-3.16 of the Glen Ellyn Municipal Code Pertaining to the Possession of Cannabis and Drug Paraphernalia (Police Chief Norton)

**G. 494 Carleton Avenue Zoning Variation (Presented by Community Development Director Springer) (Trustee Christiansen)**

1. Ordinance No. 6760, An Ordinance Approving Variations from the Accessory Structure and Permitted Obstruction Setback Requirements for an Addition on the Property Located at 494 Carleton

**H. Contractor Registration (Presented by Community Development Director Springer) (Trustee Enright)**

1. Ordinance No. 6750-VC, An Ordinance Amending Chapter 1 (Building Code) and Chapter 8 (Tree Preservation) of Title 4 (Building Regulations) and Chapter 4 (Forestry Management) of Title 8 (Public Ways and Property) of the Village Code of the Village of Glen Ellyn, Illinois, to Amend Contractor Registration Requirements

**I. Zoning Text Amendments (Presented by Community Development Director Springer) (Trustee Christiansen)**

1. Ordinance No. 6761-VC, An Ordinance Approving a Text Amendment to the Glen Ellyn Zoning Code to Regulate Tobacco, Vape, and Smoke Shops

**J. Engineering Services for Roadway Projects (Presented by Professional Engineer Daubert) (Trustee Thompson)**

1. Motion to authorize the Village Manager to execute an agreement with Engineering Resource Associates of Warrenville, Illinois in the amount of \$253,393 for Phase II Engineering Services for Utility and Roadway Improvements Project #20001 to be expensed to the Capital Projects and Water & Sewer Funds
2. Motion to authorize the Village Manager to execute an agreement with Gewalt Hamilton Associates of Vernon Hills, Illinois in the amount of \$82,306 for Phase II Engineering Services for Utility and Roadway Improvements Project #20002 to be expensed to the Capital Projects and Water & Sewer Funds

**K. Proposed Civic Center Parking Garage (Presented by Community Development Director Springer and Assistant Village Manager Holmer) (Trustee Pryde)**

1. Ordinance No. 6753, An Ordinance Granting Approval of a Special Use Permit for a Preliminary Planned Unit Development Plan with Deviations, a Final Planned Unit Development for Phase One of the Planned Unit Development, Other Associated Special Use Permits, and the Exterior Appearance of a Public Parking Garage and Associated Public Improvements to be Located at 535 Duane Street and 423 N. Main Street

2. Motion to Authorize the Village Manager to Execute a Contract with M.A. Mortenson Construction with a Revised Guaranteed Maximum Price (GMP) of \$16,105,628 for the Construction of the Civic Center Public Parking Garage to be Expensed to the Parking Fund

**L. Reminders**

1. A Village Board Meeting is scheduled for Monday, February 10, 2020 at 7:00 PM in the Galligan Board Room of the Glen Ellyn Civic Center.
2. A Village Board Workshop is scheduled for Tuesday, February 18, 2020 at 7:00 PM in the Galligan Board Room of the Glen Ellyn Civic Center.

**M. Other Business**

**N. Adjournment**



**Glen Ellyn Village Board**  
535 Duane Street  
Glen Ellyn, IL 60137

Meeting: 01/27/20 07:00 PM  
Department: Finance  
Department Head: Christina Coyle  
Category: Vouchers  
Prepared By: Lori Thomas

**SCHEDULED**

**AGENDA ITEM (ID # 4336)**

DOC ID: 4336

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## **Total Expenditures (Payroll and Vouchers) - \$814,274.54**

Please see the attached report.

**ATTACHMENTS:**

- Vouchers 2020-01-27 (PDF)

**Approval of Vouchers**  
**For the Village Board Meeting on January 27, 2020**

**EXPENDITURES:**

|                                 |                     |                                                     |
|---------------------------------|---------------------|-----------------------------------------------------|
| Accounts Payable Warrant 0120-2 | \$212,539.28        |                                                     |
| Accounts Payable Warrant 0120-3 | \$47,146.58         |                                                     |
| <b>Sub-Total</b>                | <b>\$259,685.86</b> | <b>Warrant Total     <u><u>\$259,685.86</u></u></b> |

**PAYROLL EXPENDITURES****January 17, 2020**

|                                                           |                                   |                                                   |
|-----------------------------------------------------------|-----------------------------------|---------------------------------------------------|
| Net Employee Payroll Checks                               | \$340,798.05                      |                                                   |
| <b><u>Employee &amp; Employer Payroll Deductions:</u></b> |                                   |                                                   |
| Employee Deductions*                                      | \$159,053.52                      |                                                   |
| IMRF - Employer contribution                              | \$26,952.03                       |                                                   |
| Social Security/Medicare Tax Withheld - Employer portion  | \$27,785.08                       |                                                   |
| <b>Total Payroll</b>                                      | <b><u><u>\$554,588.68</u></u></b> | <b><u><u>\$554,588.68</u></u></b>                 |
|                                                           |                                   | <b>GRAND TOTAL     <u><u>\$814,274.54</u></u></b> |

\* Employee deductions include contributions for pensions, health insurance, union dues and other employee directed deductions such as tax withholdings, 457 & 125 plan contributions and supplemental life insurance.

## VILLAGE OF GLEN ELLYN



## VENDOR INVOICE LIST

| DOCUMENT                                   | P.O. | INV DATE   | VOUCHER | WARRANT | CHECK # | INVOICE NET | PAID AMOUNT | DUE DATE   | TYPE | STS | INVOICE DESCRIPTION            |
|--------------------------------------------|------|------------|---------|---------|---------|-------------|-------------|------------|------|-----|--------------------------------|
| 51 ANCEL, GLINK, P.C.                      |      |            |         |         |         |             |             |            |      |     |                                |
| 103295                                     |      | 12/16/2019 |         | 0120-2  | 238666  | 3,210.00    | 3,210.00    | 12/27/2019 | INV  | PD  | LEGAL SERVICES NOV 19          |
| INVOICE:NOV 2019 CHECKDATE:01/10/2020      |      |            |         |         |         |             |             |            |      |     |                                |
| 96 BONNELL INDUSTRIES, INC.                |      |            |         |         |         |             |             |            |      |     |                                |
| 103777                                     |      | 12/31/2019 |         | 0120-3  | 238750  | 466.42      | 466.42      | 01/16/2020 | INV  | PD  | PW#234 TAILGATE SOLENOID & ACT |
| INVOICE:190730-IN CHECKDATE:01/17/2020     |      |            |         |         |         |             |             |            |      |     |                                |
| 136 CDS OFFICE SYSTEMS, INC                |      |            |         |         |         |             |             |            |      |     |                                |
| 103647                                     |      | 12/19/2019 |         | 0120-2  | 238674  | 122.00      | 122.00      | 01/07/2020 | INV  | PD  | PANASONIC STYLUS FOR TOUHPAD   |
| INVOICE:1280046 CHECKDATE:01/10/2020       |      |            |         |         |         |             |             |            |      |     |                                |
| 137 CDW GOVERNMENT, INC.                   |      |            |         |         |         |             |             |            |      |     |                                |
| 103738                                     |      | 12/17/2019 |         | 0120-3  | 238751  | 163.92      | 163.92      | 01/14/2020 | INV  | PD  | WINDOWS SERVER SOFTWARE        |
| INVOICE:WDN7628 CHECKDATE:01/17/2020       |      |            |         |         |         |             |             |            |      |     |                                |
| 175 COMMONWEALTH EDISON COMPANY            |      |            |         |         |         |             |             |            |      |     |                                |
| 103773                                     |      | 01/08/2020 |         | 0120-3  | 238755  | 105.02      | 105.02      | 01/16/2020 | INV  | PD  | 2493106006 12/19 & 1/20        |
| INVOICE:01-08-20 6006 CHECKDATE:01/17/2020 |      |            |         |         |         |             |             |            |      |     |                                |
| 103752                                     |      | 01/09/2020 |         | 0120-3  | 238755  | 27.11       | 27.11       | 01/14/2020 | INV  | PD  | 0020022084 12/19 & 1/20 COM ED |
| INVOICE:01-09-20 2084 CHECKDATE:01/17/2020 |      |            |         |         |         |             |             |            |      |     |                                |
| 103750                                     |      | 01/09/2020 |         | 0120-3  | 238755  | 192.61      | 192.61      | 01/14/2020 | INV  | PD  | 0082045001 12/19 & 1/20 COM ED |
| INVOICE:01-09-20 5001 CHECKDATE:01/17/2020 |      |            |         |         |         |             |             |            |      |     |                                |
| 103751                                     |      | 01/09/2020 |         | 0120-3  | 238755  | 30.92       | 30.92       | 01/14/2020 | INV  | PD  | 2217156139 12/19 & 01/20 COM E |
| INVOICE:01-09-20 6139 CHECKDATE:01/17/2020 |      |            |         |         |         |             |             |            |      |     |                                |
| 103744                                     |      | 12/09/2019 |         | 0120-3  | 238755  | 1,266.26    | 1,266.26    | 01/14/2020 | INV  | PD  | 5373072000 12/19 COM ED        |
| INVOICE:12-09-19 2000 CHECKDATE:01/17/2020 |      |            |         |         |         |             |             |            |      |     |                                |
| 103747                                     |      | 12/09/2019 |         | 0120-3  | 238755  | 825.11      | 825.11      | 01/14/2020 | INV  | PD  | 3965055040 12/19 COM ED        |
| INVOICE:12-09-19 5040 CHECKDATE:01/17/2020 |      |            |         |         |         |             |             |            |      |     |                                |
| 103771                                     |      | 12/10/2019 |         | 0120-3  | 238755  | 975.91      | 975.91      | 01/16/2020 | INV  | PD  | 0018071031 12/19 COM ED        |
| INVOICE:12-10-19 1031 CHECKDATE:01/17/2020 |      |            |         |         |         |             |             |            |      |     |                                |
| 103749                                     |      | 12/10/2019 |         | 0120-3  | 238755  | 101.38      | 101.38      | 01/14/2020 | INV  | PD  | 4593032014 12/19 COM ED        |
| INVOICE:12-10-19 2014 CHECKDATE:01/17/2020 |      |            |         |         |         |             |             |            |      |     |                                |
| 103770                                     |      | 12/10/2019 |         | 0120-3  | 238755  | 108.61      | 108.61      | 01/16/2020 | INV  | PD  | 2215042016 12/19 NICOR         |
| INVOICE:12-10-19 2215 CHECKDATE:01/17/2020 |      |            |         |         |         |             |             |            |      |     |                                |
| 103745                                     |      | 12/10/2019 |         | 0120-3  | 238755  | 120.45      | 120.45      | 01/14/2020 | INV  | PD  | 5897103011 12/10 COM ED        |
| INVOICE:12-10-19 3011 CHECKDATE:01/17/2020 |      |            |         |         |         |             |             |            |      |     |                                |
| 103748                                     |      | 12/10/2019 |         | 0120-3  | 238755  | 121.63      | 121.63      | 01/14/2020 | INV  | PD  | 0213156104 12/19 COM ED        |
| INVOICE:12-10-19 6104 CHECKDATE:01/17/2020 |      |            |         |         |         |             |             |            |      |     |                                |
| 103746                                     |      | 12/10/2019 |         | 0120-3  | 238755  | 51.00       | 51.00       | 01/14/2020 | INV  | PD  | 1773149091 12/19 COM ED        |
| INVOICE:12-10-19 9091 CHECKDATE:01/17/2020 |      |            |         |         |         |             |             |            |      |     |                                |
| 103695                                     |      | 12/12/2019 |         | 0120-2  | 238679  | 4,222.12    | 4,222.12    | 01/07/2020 | INV  | PD  | 2943055045 12/19 ELECTRIC      |
| INVOICE:12-12-19 5045 CHECKDATE:01/10/2020 |      |            |         |         |         |             |             |            |      |     |                                |
| 103743                                     |      | 12/17/2019 |         | 0120-3  | 238755  | 29.61       | 29.61       | 01/14/2020 | INV  | PD  | 6465153008 12/19 COM ED        |
| INVOICE:12-17-19 3008 CHECKDATE:01/17/2020 |      |            |         |         |         |             |             |            |      |     |                                |
|                                            |      |            |         |         |         | 8,177.74    |             |            |      |     |                                |
| 204 DAILY HERALD                           |      |            |         |         |         |             |             |            |      |     |                                |



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| DOCUMENT                           | P.O. | INV DATE   | VOUCHER | WARRANT              | CHECK # | INVOICE NET | PAID | AMOUNT | DUE DATE   | TYPE | STS | INVOICE DESCRIPTION            |
|------------------------------------|------|------------|---------|----------------------|---------|-------------|------|--------|------------|------|-----|--------------------------------|
| 103649<br>INVOICE:37020            |      | 12/14/2019 |         | 0120-2               | 238683  | 78.20       |      | 78.20  | 01/07/2020 | INV  | PD  | PUBLIC HEARING NOTICE          |
|                                    |      |            |         | CHECKDATE:01/10/2020 |         |             |      |        |            |      |     |                                |
| 249 DUPAGE COUNTY                  |      |            |         |                      |         |             |      |        |            |      |     |                                |
| 103378<br>INVOICE:NOV 19           |      | 12/01/2019 |         | 0120-2               | 238684  | 319.50      |      | 319.50 | 12/31/2019 | INV  | PD  | COUNTY RECORDING SERVICES NOV  |
|                                    |      |            |         | CHECKDATE:01/10/2020 |         |             |      |        |            |      |     |                                |
| 256 DUPAGE MAYORS & MANAGERS CONF. |      |            |         |                      |         |             |      |        |            |      |     |                                |
| 103650<br>INVOICE:10950A           |      | 12/16/2019 |         | 0120-2               | 238686  | 35.00       |      | 35.00  | 01/07/2020 | INV  | PD  | CONFERENCE NOV 2019            |
|                                    |      |            |         | CHECKDATE:01/10/2020 |         |             |      |        |            |      |     |                                |
| 291 EUCLID BEVERAGE, LLC           |      |            |         |                      |         |             |      |        |            |      |     |                                |
| 103640<br>INVOICE:W-11876389       |      | 01/02/2019 |         | 0120-2               | 238688  | 295.60      |      | 295.60 | 01/07/2020 | INV  | PD  | BEVERAGES                      |
|                                    |      |            |         | CHECKDATE:01/10/2020 |         |             |      |        |            |      |     |                                |
| 301 FEDERAL EXPRESS CORPORATION    |      |            |         |                      |         |             |      |        |            |      |     |                                |
| 103701<br>INVOICE:6-851-34330-2    |      | 11/27/2019 |         | 0120-2               | 238690  | 91.60       |      | 91.60  | 01/07/2020 | INV  | PD  | DELIVERY CHARGES NOV 19        |
|                                    |      |            |         | CHECKDATE:01/10/2020 |         |             |      |        |            |      |     |                                |
| 103677<br>INVOICE:6-878-67594      |      | 12/25/2019 |         | 0120-2               | 238690  | 102.64      |      | 102.64 | 01/07/2020 | INV  | PD  | DELIVERY CHARGES DEC 19        |
|                                    |      |            |         | CHECKDATE:01/10/2020 |         |             |      |        |            |      |     |                                |
| 103678<br>INVOICE:6-878-67595      |      | 12/25/2019 |         | 0120-2               | 238690  | 26.17       |      | 26.17  | 01/07/2020 | INV  | PD  | DELIVERY CHARGES DEC 19        |
|                                    |      |            |         | CHECKDATE:01/10/2020 |         |             |      |        |            |      |     |                                |
|                                    |      |            |         |                      |         | 220.41      |      |        |            |      |     |                                |
| 348 GLEN ELLYN CHAMBER OF COMMERCE |      |            |         |                      |         |             |      |        |            |      |     |                                |
| 103666<br>INVOICE:18052            |      | 01/02/2019 |         | 0120-2               | 238692  | 515.00      |      | 515.00 | 01/07/2020 | INV  | PD  | EMERALD MEMBERSHIP DUES 2020   |
|                                    |      |            |         | CHECKDATE:01/10/2020 |         |             |      |        |            |      |     |                                |
| 370 GRAYBAR ELECTRIC COMPANY INC   |      |            |         |                      |         |             |      |        |            |      |     |                                |
| 103781<br>INVOICE:9313902020       |      | 12/31/2019 |         | 0120-3               | 238758  | 442.00      |      | 442.00 | 01/16/2020 | INV  | PD  | REPLACEMENT ELECTRICAL CONTACT |
|                                    |      |            |         | CHECKDATE:01/17/2020 |         |             |      |        |            |      |     |                                |
| 389 HOLSTEIN'S GARAGE              |      |            |         |                      |         |             |      |        |            |      |     |                                |
| 103782<br>INVOICE:1130             |      | 12/31/2019 |         | 0120-3               | 238761  | 262.00      |      | 262.00 | 01/16/2020 | INV  | PD  | SAFETY LANE INSPECTIONS DEC 19 |
|                                    |      |            |         | CHECKDATE:01/17/2020 |         |             |      |        |            |      |     |                                |
| 419 ILLINOIS MUNICIPAL LEAGUE      |      |            |         |                      |         |             |      |        |            |      |     |                                |
| 103667<br>INVOICE:103667           |      | 12/31/2019 |         | 0120-2               | 238699  | 30.00       |      | 30.00  | 01/07/2020 | INV  | PD  | ANNUAL SUBSCRIPTION 2020       |
|                                    |      |            |         | CHECKDATE:01/10/2020 |         |             |      |        |            |      |     |                                |
| 431 NICHOLAS KEEFE                 |      |            |         |                      |         |             |      |        |            |      |     |                                |
| 103700<br>INVOICE:143              |      | 12/31/2019 |         | 0120-2               | 238701  | 618.00      |      | 618.00 | 01/07/2020 | INV  | PD  | POLO SHIRTS-RESERVE 22         |
|                                    |      |            |         | CHECKDATE:01/10/2020 |         |             |      |        |            |      |     |                                |
| 470 JAMES MONSON                   |      |            |         |                      |         |             |      |        |            |      |     |                                |

## VILLAGE OF GLEN ELLYN



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|------------------------------------------------|------|------------|---------|---------|---------|-------------|------|-----------|------------|------|-----|--------------------------------|
| 103774                                         |      | 12/19/2019 |         | 0120-3  | 238770  | 110.68      |      | 110.68    | 01/16/2020 | INV  | PD  | UNIFORM REIMBURSEMENT          |
| INVOICE:103774<br>CHECKDATE:01/17/2020         |      |            |         |         |         |             |      |           |            |      |     |                                |
| 546 LEN'S ACE HARDWARE, INC.                   |      |            |         |         |         |             |      |           |            |      |     |                                |
| 103686                                         |      | 12/20/2019 |         | 0120-2  | 238712  | 3.98        |      | 3.98      | 01/07/2020 | INV  | PD  | BOILER IGNITERS                |
| INVOICE:93334<br>CHECKDATE:01/10/2020          |      |            |         |         |         |             |      |           |            |      |     |                                |
| 103644                                         |      | 12/31/2019 |         | 0120-2  | 238711  | 166.19      |      | 166.19    | 01/07/2020 | INV  | PD  | LENS HARDWARE - DEC 19 LINKS   |
| INVOICE:DEC 19 LINKS<br>CHECKDATE:01/10/2020   |      |            |         |         |         |             |      |           |            |      |     |                                |
| 103643                                         |      | 12/31/2019 |         | 0120-2  | 238710  | 633.76      |      | 633.76    | 01/07/2020 | INV  | PD  | LENS HARDWARE DEC 19 VILLAGE   |
| INVOICE:DEC 19 VILLAGE<br>CHECKDATE:01/10/2020 |      |            |         |         |         |             |      |           |            |      |     |                                |
|                                                |      |            |         |         |         | 803.93      |      |           |            |      |     |                                |
| 595 MENARDS, INC.                              |      |            |         |         |         |             |      |           |            |      |     |                                |
| 103761                                         |      | 07/05/2019 |         | 0120-3  | 238766  | 23.82       |      | 23.82     | 01/14/2020 | INV  | PD  | SPLICE CONNECTORS              |
| INVOICE:20662<br>CHECKDATE:01/17/2020          |      |            |         |         |         |             |      |           |            |      |     |                                |
| 103762                                         |      | 08/08/2019 |         | 0120-3  | 238766  | 44.10       |      | 44.10     | 01/14/2020 | INV  | PD  | CLEANING BRUSH; TAPE           |
| INVOICE:23398<br>CHECKDATE:01/17/2020          |      |            |         |         |         |             |      |           |            |      |     |                                |
| 103763                                         |      | 08/12/2019 |         | 0120-3  | 238766  | -35.92      |      | -35.92    | 01/14/2020 | CRM  | PD  | UNIONS FOR DRINK FOUNTAINS     |
| INVOICE:23619<br>CHECKDATE:01/17/2020          |      |            |         |         |         |             |      |           |            |      |     |                                |
| 103687                                         |      | 12/18/2019 |         | 0120-2  | 238714  | 32.88       |      | 32.88     | 01/07/2020 | INV  | PD  | AIR FILTERS                    |
| INVOICE:32756<br>CHECKDATE:01/10/2020          |      |            |         |         |         |             |      |           |            |      |     |                                |
|                                                |      |            |         |         |         | 64.88       |      |           |            |      |     |                                |
| 596 METRO PARAMEDIC SERVICES, INC.             |      |            |         |         |         |             |      |           |            |      |     |                                |
| 103565                                         |      | 12/18/2019 |         | 0120-2  | 238715  | 33,641.92   |      | 33,641.92 | 12/31/2019 | INV  | PD  | PARAMEDICS SERVICE FEE - JAN 2 |
| INVOICE:20-01313<br>CHECKDATE:01/10/2020       |      |            |         |         |         |             |      |           |            |      |     |                                |
| 599 MICHAEL'S UNIFORM CO.                      |      |            |         |         |         |             |      |           |            |      |     |                                |
| 103598                                         |      | 12/30/2019 |         | 0120-2  | 238716  | 202.98      |      | 202.98    | 12/31/2019 | INV  | PD  | EMPLOYEE POLOS                 |
| INVOICE:92180<br>CHECKDATE:01/10/2020          |      |            |         |         |         |             |      |           |            |      |     |                                |
| 103597                                         |      | 12/30/2019 |         | 0120-2  | 238716  | 236.79      |      | 236.79    | 12/31/2019 | INV  | PD  | EMPLOYEE POLOS                 |
| INVOICE:92181<br>CHECKDATE:01/10/2020          |      |            |         |         |         |             |      |           |            |      |     |                                |
|                                                |      |            |         |         |         | 439.77      |      |           |            |      |     |                                |
| 612 KONICA MINOLTA BUSINESS SOLUTIONS INC      |      |            |         |         |         |             |      |           |            |      |     |                                |
| 103653                                         |      | 12/20/2019 |         | 0120-2  | 238707  | 275.00      |      | 275.00    | 01/07/2020 | INV  | PD  | CC COLOR COPIER LEASE          |
| INVOICE:34558346<br>CHECKDATE:01/10/2020       |      |            |         |         |         |             |      |           |            |      |     |                                |
| 103654                                         |      | 12/23/2019 |         | 0120-2  | 238706  | 215.00      |      | 215.00    | 01/07/2020 | INV  | PD  | PW COPIER LEASE 12/17/19-1/17/ |
| INVOICE:403028335<br>CHECKDATE:01/10/2020      |      |            |         |         |         |             |      |           |            |      |     |                                |
|                                                |      |            |         |         |         | 490.00      |      |           |            |      |     |                                |
| 644 NETTOYER, INC.                             |      |            |         |         |         |             |      |           |            |      |     |                                |
| 103790                                         |      | 12/31/2019 |         | 0120-3  | 238765  | 456.50      |      | 456.50    | 01/16/2020 | INV  | PD  | CAR WASHES DEC 2019            |
| INVOICE:7554<br>CHECKDATE:01/17/2020           |      |            |         |         |         |             |      |           |            |      |     |                                |
| 651 NORTHERN ILLINOIS GAS COMPANY              |      |            |         |         |         |             |      |           |            |      |     |                                |
| 103767                                         |      | 01/09/2020 |         | 0120-3  | 238773  | 2,535.33    |      | 2,535.33  | 01/16/2020 | INV  | PD  | 01 66 52 10009 12/19 & 1/20 NI |
| INVOICE:01-09-20 0166<br>CHECKDATE:01/17/2020  |      |            |         |         |         |             |      |           |            |      |     |                                |

## VILLAGE OF GLEN ELLYN



## VENDOR INVOICE LIST

| DOCUMENT                                   | P.O. | INV DATE   | VOUCHER              | WARRANT | CHECK # | INVOICE NET | PAID | AMOUNT | DUE DATE   | TYPE | STS | INVOICE DESCRIPTION            |
|--------------------------------------------|------|------------|----------------------|---------|---------|-------------|------|--------|------------|------|-----|--------------------------------|
| 103694                                     |      | 12/09/2019 |                      | 0120-2  | 238720  | 638.29      |      | 638.29 | 01/07/2020 | INV  | PD  | 24 99 00 10001 12/19 NICOR     |
| INVOICE:12-09-19                           | 2499 |            | CHECKDATE:01/10/2020 |         |         |             |      |        |            |      |     |                                |
| 103809                                     |      | 12/31/2019 |                      | 0120-3  | 238773  | 59.73       |      | 59.73  | 01/14/2020 | INV  | PD  | 05 47 62 10009                 |
| INVOICE:12-31-19                           | 0547 |            | CHECKDATE:01/17/2020 |         |         |             |      |        |            |      |     |                                |
| 676 PACKEY WEBB FORD, INC.                 |      |            |                      |         |         | 3,233.35    |      |        |            |      |     |                                |
| 103794                                     |      | 12/30/2019 |                      | 0120-3  | 238775  | 328.49      |      | 328.49 | 01/16/2020 | INV  | PD  | MODULE PD#009                  |
| INVOICE:149310                             |      |            | CHECKDATE:01/17/2020 |         |         |             |      |        |            |      |     |                                |
| 103795                                     |      | 12/30/2019 |                      | 0120-3  | 238775  | -66.78      |      | -66.78 | 01/16/2020 | CRM  | PD  | CREDIT - RETURN PART           |
| INVOICE:149317                             |      |            | CHECKDATE:01/17/2020 |         |         |             |      |        |            |      |     |                                |
| 764 ROTARY CLUB OF GLEN ELLYN              |      |            |                      |         |         | 261.71      |      |        |            |      |     |                                |
| 103726                                     |      | 12/30/2019 |                      | 0120-3  | 238779  | 147.00      |      | 147.00 | 01/14/2020 | INV  | PD  | MONTHLY DUES/ MAGAZINE/LUNCH C |
| INVOICE:7354                               |      |            | CHECKDATE:01/17/2020 |         |         |             |      |        |            |      |     |                                |
| 103797                                     |      | 12/30/2019 |                      | 0120-3  | 238780  | 147.00      |      | 147.00 | 01/16/2020 | INV  | PD  | MONTHLY DUES - P. NORTON       |
| INVOICE:7369                               |      |            | CHECKDATE:01/17/2020 |         |         |             |      |        |            |      |     |                                |
| 806 STANDARD EQUIPMENT COMPANY             |      |            |                      |         |         | 294.00      |      |        |            |      |     |                                |
| 103799                                     |      | 12/26/2019 |                      | 0120-3  | 238783  | 348.22      |      | 348.22 | 01/16/2020 | INV  | PD  | PW#259 WHEEL BEARINGS & SEAL   |
| INVOICE:P19241                             |      |            | CHECKDATE:01/17/2020 |         |         |             |      |        |            |      |     |                                |
| 103800                                     |      | 12/26/2019 |                      | 0120-3  | 238783  | 152.84      |      | 152.84 | 01/16/2020 | INV  | PD  | PW#249 WHEEL BEARINGS & SEALS  |
| INVOICE:P19245                             |      |            | CHECKDATE:01/17/2020 |         |         |             |      |        |            |      |     |                                |
| 823 SUBURBAN BUILDING OFFICIALS CONFERENCE |      |            |                      |         |         | 501.06      |      |        |            |      |     |                                |
| 103668                                     |      | 01/01/2020 |                      | 0120-2  | 238733  | 75.00       |      | 75.00  | 01/07/2020 | INV  | PD  | 2020 MEMBERSHIP / S.WITT       |
| INVOICE:103668                             |      |            | CHECKDATE:01/10/2020 |         |         |             |      |        |            |      |     |                                |
| 853 TERMINAL SUPPLY CO, INC                |      |            |                      |         |         |             |      |        |            |      |     |                                |
| 103802                                     |      | 12/24/2019 |                      | 0120-3  | 238787  | 85.58       |      | 85.58  | 01/16/2020 | INV  | PD  | SOLDER, WHEELS, TORCH REFILL   |
| INVOICE:94676-00                           |      |            | CHECKDATE:01/17/2020 |         |         |             |      |        |            |      |     |                                |
| 854 TERRACE SUPPLY COMPANY                 |      |            |                      |         |         |             |      |        |            |      |     |                                |
| 103803                                     |      | 12/31/2019 |                      | 0120-3  | 238788  | 25.73       |      | 25.73  | 01/16/2020 | INV  | PD  | OXYGEN & ACETYLENE RENTAL      |
| INVOICE:1007271                            |      |            | CHECKDATE:01/17/2020 |         |         |             |      |        |            |      |     |                                |
| 103801                                     |      | 12/31/2019 |                      | 0120-3  | 238788  | 9.30        |      | 9.30   | 01/16/2020 | INV  | PD  | TANK RENTAL                    |
| INVOICE:1007781                            |      |            | CHECKDATE:01/17/2020 |         |         |             |      |        |            |      |     |                                |
| 865 ACUSHNET COMPANY                       |      |            |                      |         |         | 35.03       |      |        |            |      |     |                                |
| 103729                                     |      | 12/30/2019 |                      | 0120-3  | 238789  | 81.32       |      | 81.32  | 01/14/2020 | INV  | PD  | APPAREL RESALE - LINKS         |
| INVOICE:908535908                          |      |            | CHECKDATE:01/17/2020 |         |         |             |      |        |            |      |     |                                |
| 884 U.S. FOODSERVICE, INC.                 |      |            |                      |         |         |             |      |        |            |      |     |                                |



# VILLAGE OF GLEN ELLYN

## VENDOR INVOICE LIST

| DOCUMENT                          | P.O. | INV DATE   | VOUCHER              | WARRANT | CHECK # | INVOICE NET | PAID AMOUNT | DUE DATE   | TYPE | STS | INVOICE DESCRIPTION        |
|-----------------------------------|------|------------|----------------------|---------|---------|-------------|-------------|------------|------|-----|----------------------------|
| 103630                            |      | 12/24/2019 |                      | 0120-2  | 238737  | 2,195.45    | 2,195.45    | 01/07/2020 | INV  | PD  | FOOD RESALE                |
| INVOICE:284641                    |      |            | CHECKDATE:01/10/2020 |         |         |             |             |            |      |     |                            |
| 103633                            |      | 12/30/2019 |                      | 0120-2  | 238737  | -49.89      | -49.89      | 12/30/2019 | CRM  | PD  | TIMER                      |
| INVOICE:2971182                   |      |            | CHECKDATE:01/10/2020 |         |         |             |             |            |      |     |                            |
| 103635                            |      | 12/21/2019 |                      | 0120-2  | 238737  | -268.19     | -268.19     | 12/21/2019 | CRM  | PD  | CREDIT                     |
| INVOICE:2976428                   |      |            | CHECKDATE:01/10/2020 |         |         |             |             |            |      |     |                            |
| 103634                            |      | 12/27/2019 |                      | 0120-2  | 238737  | 1,539.94    | 1,539.94    | 12/30/2019 | INV  | PD  | FOOD RESALE                |
| INVOICE:359119                    |      |            | CHECKDATE:01/10/2020 |         |         |             |             |            |      |     |                            |
| 103632                            |      | 12/31/2019 |                      | 0120-2  | 238737  | 1,673.32    | 1,673.32    | 01/07/2020 | INV  | PD  | FOOD RESALE                |
| INVOICE:447567                    |      |            | CHECKDATE:01/10/2020 |         |         |             |             |            |      |     |                            |
| 103631                            |      | 12/31/2019 |                      | 0120-2  | 238737  | 31.44       | 31.44       | 01/07/2020 | INV  | PD  | FOOD RESALE                |
| INVOICE:459517                    |      |            | CHECKDATE:01/10/2020 |         |         |             |             |            |      |     |                            |
|                                   |      |            |                      |         |         | 5,122.07    |             |            |      |     |                            |
| 900 UNIVERSITY OF ILLINOIS-GAR    |      |            |                      |         |         |             |             |            |      |     |                            |
| 103806                            |      | 12/17/2019 |                      | 0120-3  | 238762  | 200.00      | 200.00      | 01/16/2020 | INV  | PD  | TRAINING PD 12/6/19        |
| INVOICE:UPIN9840                  |      |            | CHECKDATE:01/17/2020 |         |         |             |             |            |      |     |                            |
| 915 VERIZON WIRELESS SERVICES LLC |      |            |                      |         |         |             |             |            |      |     |                            |
| 103636                            |      | 12/23/2019 |                      | 0120-2  | 238738  | 36.01       | 36.01       | 12/24/2019 | INV  | PD  | 542023069-01 12/19 VERIZON |
| INVOICE:9844885280                |      |            | CHECKDATE:01/10/2020 |         |         |             |             |            |      |     |                            |
| 922 VILLAGE OF GLEN ELLYN         |      |            |                      |         |         |             |             |            |      |     |                            |
| 120495-175                        |      | 01/01/2020 |                      | 0120-3  | 23986   | 259.65      | 259.65      | 01/16/2020 | DIR  | PD  | 120495 WATER BILL          |
| INVOICE:120495-177                |      |            | CHECKDATE:01/17/2020 |         |         |             |             |            |      |     |                            |
| 121350-178                        |      | 01/01/2020 |                      | 0120-3  | 23987   | 31.05       | 31.05       | 01/16/2020 | DIR  | PD  | 121350 WATER BILL          |
| INVOICE:121350-179                |      |            | CHECKDATE:01/17/2020 |         |         |             |             |            |      |     |                            |
| 122670-178                        |      | 01/01/2020 |                      | 0120-3  | 23988   | 42.97       | 42.97       | 01/16/2020 | DIR  | PD  | 122670 WATER BILL          |
| INVOICE:122670-179                |      |            | CHECKDATE:01/17/2020 |         |         |             |             |            |      |     |                            |
| 4709569                           |      | 01/01/2020 |                      | 0120-3  | 23998   | 19.86       | 19.86       | 01/16/2020 | DIR  | PD  | 122675 WATER               |
| INVOICE:122675-103                |      |            | CHECKDATE:01/17/2020 |         |         |             |             |            |      |     |                            |
| 127680-180                        |      | 01/01/2020 |                      | 0120-3  | 23989   | 19.86       | 19.86       | 01/16/2020 | DIR  | PD  | 127680 WATER BILL          |
| INVOICE:127680-181                |      |            | CHECKDATE:01/17/2020 |         |         |             |             |            |      |     |                            |
| 140210-176                        |      | 01/01/2020 |                      | 0120-3  | 23990   | 19.86       | 19.86       | 01/16/2020 | DIR  | PD  | 140210 WATER BILL          |
| INVOICE:140210-177                |      |            | CHECKDATE:01/17/2020 |         |         |             |             |            |      |     |                            |
| 140250-175                        |      | 01/01/2020 |                      | 0120-3  | 23991   | 28.27       | 28.27       | 01/16/2020 | DIR  | PD  | 140250 WATER BILL          |
| INVOICE:140250-177                |      |            | CHECKDATE:01/17/2020 |         |         |             |             |            |      |     |                            |
| 945189                            |      | 01/01/2020 |                      | 0120-3  | 24001   | 38.86       | 38.86       | 01/16/2020 | DIR  | PD  | WATER BILL 311130          |
| INVOICE:311130-13                 |      |            | CHECKDATE:01/17/2020 |         |         |             |             |            |      |     |                            |
| 9397812                           |      | 01/01/2020 |                      | 0120-3  | 24000   | 38.86       | 38.86       | 01/16/2020 | DIR  | PD  | 311140 WATER BLL           |
| INVOICE:311140-13                 |      |            | CHECKDATE:01/17/2020 |         |         |             |             |            |      |     |                            |
| 315090-176                        |      | 01/01/2020 |                      | 0120-3  | 23992   | 175.81      | 175.81      | 01/16/2020 | DIR  | PD  | 315090 WATER BILL          |
| INVOICE:315090-177                |      |            | CHECKDATE:01/17/2020 |         |         |             |             |            |      |     |                            |
| 315215-156                        |      | 01/01/2020 |                      | 0120-3  | 23993   | 19.86       | 19.86       | 01/16/2020 | DIR  | PD  | 315215 WATER BILL          |
| INVOICE:315215-157                |      |            | CHECKDATE:01/17/2020 |         |         |             |             |            |      |     |                            |
| 410010-177                        |      | 01/01/2020 |                      | 0120-3  | 23994   | 329.80      | 329.80      | 01/16/2020 | DIR  | PD  | 410010 WATER BILL          |
| INVOICE:410010-178                |      |            | CHECKDATE:01/17/2020 |         |         |             |             |            |      |     |                            |
| 411170-166                        |      | 01/01/2020 |                      | 0120-3  | 23995   | 175.81      | 175.81      | 01/16/2020 | DIR  | PD  | 411170 WATER BILL          |
| INVOICE:411170-167                |      |            | CHECKDATE:01/17/2020 |         |         |             |             |            |      |     |                            |
| 413030-173                        |      | 01/01/2020 |                      | 0120-3  | 23996   | 884.17      | 884.17      | 01/16/2020 | DIR  | PD  | 413030 WATER BILL          |
| INVOICE:413030-174                |      |            | CHECKDATE:01/17/2020 |         |         |             |             |            |      |     |                            |
| 7934830                           |      | 01/01/2020 |                      | 0120-3  | 23999   | 134.92      | 134.92      | 01/16/2020 | DIR  | PD  | 423765 WATER BILL          |

## VILLAGE OF GLEN ELLYN



## VENDOR INVOICE LIST

| DOCUMENT                                | P.O.     | INV DATE   | VOUCHER              | WARRANT | CHECK # | INVOICE NET | PAID     | AMOUNT     | DUE DATE | TYPE | STS | INVOICE DESCRIPTION            |
|-----------------------------------------|----------|------------|----------------------|---------|---------|-------------|----------|------------|----------|------|-----|--------------------------------|
| INVOICE:423765-31                       |          |            | CHECKDATE:01/17/2020 |         |         |             |          |            |          |      |     |                                |
| 423925-178                              |          | 01/01/2020 | 0120-3               |         | 23997   | 115.93      | 115.93   | 01/16/2020 | DIR      | PD   |     | 423925 WATER BILL              |
| INVOICE:423925-179                      |          |            | CHECKDATE:01/17/2020 |         |         |             |          |            |          |      |     |                                |
| 929 W.W. GRAINGER INC                   |          |            |                      |         |         | 2,335.54    |          |            |          |      |     |                                |
| 103679                                  |          | 12/18/2019 | 0120-2               |         | 238693  | 195.98      | 195.98   | 01/07/2020 | INV      | PD   |     | SAFETY SUPPLIES - STREET FORES |
| INVOICE:9389681322                      |          |            | CHECKDATE:01/10/2020 |         |         |             |          |            |          |      |     |                                |
| 103587                                  |          | 12/27/2019 | 0120-2               |         | 238693  | 950.00      | 950.00   | 12/31/2019 | INV      | PD   |     | CEILING TILES                  |
| INVOICE:9395714828                      |          |            | CHECKDATE:01/10/2020 |         |         |             |          |            |          |      |     |                                |
| 940 ARAMARK                             |          |            |                      |         |         | 1,145.98    |          |            |          |      |     |                                |
| 103608                                  |          | 12/25/2019 | 0120-2               |         | 238667  | 699.06      | 699.06   | 01/07/2020 | INV      | PD   |     | LINENS; MATS, MOPS             |
| INVOICE:2082343118                      |          |            | CHECKDATE:01/10/2020 |         |         |             |          |            |          |      |     |                                |
| 962 WILSON GOLF DIVISION                |          |            |                      |         |         |             |          |            |          |      |     |                                |
| 103714                                  |          | 11/15/2019 | 0120-3               |         | 238796  | 6,100.80    | 6,100.80 | 01/14/2020 | INV      | PD   |     | GOLF SUPPLIES RESALE           |
| INVOICE:4529473580                      |          |            | CHECKDATE:01/17/2020 |         |         |             |          |            |          |      |     |                                |
| 975 ZIEBELL WATER SERVICE PRODUCTS INC  |          |            |                      |         |         |             |          |            |          |      |     |                                |
| 103737                                  |          | 12/27/2019 | 0120-3               |         | 238797  | 943.17      | 943.17   | 12/27/2019 | INV      | PD   |     | CLAMPS, SOCKETS                |
| INVOICE:248635                          |          |            | CHECKDATE:01/17/2020 |         |         |             |          |            |          |      |     |                                |
| 1076 CINTAS CORPORATION NO 2            |          |            |                      |         |         |             |          |            |          |      |     |                                |
| 103718                                  |          | 12/30/2019 | 0120-3               |         | 238753  | 53.59       | 53.59    | 01/14/2020 | INV      | PD   |     | TRAFFIC MATS                   |
| INVOICE:4038758351                      |          |            | CHECKDATE:01/17/2020 |         |         |             |          |            |          |      |     |                                |
| 1082 MUNICIPAL INS COOPERATIVE AGENCY   |          |            |                      |         |         |             |          |            |          |      |     |                                |
| 103547                                  |          | 12/16/2019 | 0120-2               |         | 238719  | 147.00      | 147.00   | 12/24/2019 | INV      | PD   |     | SQUAD 9 PDA CLAIM L002894610   |
| INVOICE:103547                          |          |            | CHECKDATE:01/10/2020 |         |         |             |          |            |          |      |     |                                |
| 1101 JEFF VESEVICK                      |          |            |                      |         |         |             |          |            |          |      |     |                                |
| 103638                                  |          | 01/02/2020 | 0120-2               |         | 238739  | 45.88       | 45.88    | 01/07/2020 | INV      | PD   |     | REIMBURSEMENT - UPS SHIPPING   |
| INVOICE:103638                          |          |            | CHECKDATE:01/10/2020 |         |         |             |          |            |          |      |     |                                |
| 1127 JAMES J BENES AND ASSOCIATES, INC. |          |            |                      |         |         |             |          |            |          |      |     |                                |
| 103080                                  |          | 11/30/2019 | 0120-2               |         | 238703  | 133.19      | 133.19   | 12/20/2019 | INV      | PD   |     | ENGINEERING SERVICES 10/26/19- |
| INVOICE:103080                          |          |            | CHECKDATE:01/10/2020 |         |         |             |          |            |          |      |     |                                |
| 103683                                  | 20190051 | 11/30/2019 | 0120-2               |         | 238703  | 656.45      | 656.45   | 01/07/2020 | INV      | PD   |     | ENG SVCS BAKER HILL ACCESS PRJ |
| INVOICE:11-30-19                        |          |            | CHECKDATE:01/10/2020 |         |         |             |          |            |          |      |     |                                |
| 1190 HD SUPPLY FACILITIES MAINT LTD.    |          |            |                      |         |         | 789.64      |          |            |          |      |     |                                |
| 103736                                  |          | 12/13/2019 | 0120-3               |         | 238793  | 396.59      | 396.59   | 12/13/2019 | INV      | PD   |     | HYDRANT FLAGS                  |
| INVOICE:92217                           |          |            | CHECKDATE:01/17/2020 |         |         |             |          |            |          |      |     |                                |

## VILLAGE OF GLEN ELLYN



## VENDOR INVOICE LIST

| DOCUMENT                                      | P.O.     | INV DATE   | VOUCHER | WARRANT | CHECK # | INVOICE NET | PAID AMOUNT | DUE DATE   | TYPE | STS | INVOICE DESCRIPTION            |
|-----------------------------------------------|----------|------------|---------|---------|---------|-------------|-------------|------------|------|-----|--------------------------------|
| 1279 DUPAGE COUNTY CHIEFS OF POLICE ASSN      |          |            |         |         |         |             |             |            |      |     |                                |
| 103665                                        |          | 12/31/2019 |         | 0120-2  | 238685  | 550.00      | 550.00      | 01/07/2020 | INV  | PD  | 2020 MEMBERSHIP/CHIEF NORTON & |
| INVOICE:103665 CHECKDATE:01/10/2020           |          |            |         |         |         |             |             |            |      |     |                                |
| 1335 WESTERN REMAC INC                        |          |            |         |         |         |             |             |            |      |     |                                |
| 103559                                        | 20180057 | 12/12/2019 |         | 0120-2  | 238742  | 1,050.00    | 1,050.00    | 12/31/2019 | INV  | PD  | SIGNAGE AND WAYFINDING         |
| INVOICE:S88158 CHECKDATE:01/10/2020           |          |            |         |         |         |             |             |            |      |     |                                |
| 1458 OFFICE DEPOT, INC                        |          |            |         |         |         |             |             |            |      |     |                                |
| 103658                                        |          | 12/20/2019 |         | 0120-2  | 238721  | 101.94      | 101.94      | 01/07/2020 | INV  | PD  | WATER, PADS, FOLDERS, CARTRIDG |
| INVOICE:419285200001 CHECKDATE:01/10/2020     |          |            |         |         |         |             |             |            |      |     |                                |
| 103792                                        |          | 12/23/2019 |         | 0120-3  | 238774  | 59.57       | 59.57       | 01/16/2020 | INV  | PD  | DIVIDERS; INK STAMP            |
| INVOICE:419761539001 CHECKDATE:01/17/2020     |          |            |         |         |         |             |             |            |      |     |                                |
| 103793                                        |          | 12/23/2019 |         | 0120-3  | 238774  | 65.29       | 65.29       | 01/16/2020 | INV  | PD  | HAND SANITIZER; SCISSORS       |
| INVOICE:419772205001 CHECKDATE:01/17/2020     |          |            |         |         |         |             |             |            |      |     |                                |
|                                               |          |            |         |         |         | 226.80      |             |            |      |     |                                |
| 1721 PORTER PIPE & SUPPLY CO.                 |          |            |         |         |         |             |             |            |      |     |                                |
| 103724                                        |          | 11/19/2019 |         | 0120-3  | 238776  | 68.30       | 68.30       | 01/14/2020 | INV  | PD  | TEST PLUGS                     |
| INVOICE:11988854 CHECKDATE:01/17/2020         |          |            |         |         |         |             |             |            |      |     |                                |
| 103086                                        |          | 11/22/2019 |         | 0120-3  | 238776  | -27.32      | -27.32      | 11/22/2019 | CRM  | PD  | CREDIT - TEST PLUGS            |
| INVOICE:11990193 CHECKDATE:01/17/2020         |          |            |         |         |         |             |             |            |      |     |                                |
|                                               |          |            |         |         |         | 40.98       |             |            |      |     |                                |
| 1862 CLASSIC GRAPHIC INDUSTRIES INC.          |          |            |         |         |         |             |             |            |      |     |                                |
| 103578                                        |          | 12/18/2019 |         | 0120-2  | 238678  | 516.65      | 516.65      | 12/31/2019 | INV  | PD  | ENVELOPES - REG & WINDOW       |
| INVOICE:85975 CHECKDATE:01/10/2020            |          |            |         |         |         |             |             |            |      |     |                                |
| 2436 STANDARD INDUSTRIAL & AUTOMOTIVE EQP INC |          |            |         |         |         |             |             |            |      |     |                                |
| 103689                                        |          | 12/18/2019 |         | 0120-2  | 238731  | 1,099.68    | 1,099.68    | 01/07/2020 | INV  | PD  | MAINT SUPPLIES FOR SEWER CAMER |
| INVOICE:P19160 CHECKDATE:01/10/2020           |          |            |         |         |         |             |             |            |      |     |                                |
| 2670 PACE SUBURBAN BUS                        |          |            |         |         |         |             |             |            |      |     |                                |
| 103659                                        |          | 12/18/2019 |         | 0120-2  | 238722  | 1,288.28    | 1,288.28    | 01/07/2020 | INV  | PD  | LOCAL SHARE OCT 19             |
| INVOICE:566050 CHECKDATE:01/10/2020           |          |            |         |         |         |             |             |            |      |     |                                |
| 2687 STAPLES CONTRACT & COMMERCIAL, INC.      |          |            |         |         |         |             |             |            |      |     |                                |
| 103554                                        |          | 12/14/2019 |         | 0120-2  | 238732  | 371.57      | 371.57      | 12/31/2019 | INV  | PD  | CLEANING SUPPLIES              |
| INVOICE:3433827884 CHECKDATE:01/10/2020       |          |            |         |         |         |             |             |            |      |     |                                |
| 103660                                        |          | 12/27/2019 |         | 0120-2  | 238732  | 195.49      | 195.49      | 01/07/2020 | INV  | PD  | CLEANING SUPPLIES              |
| INVOICE:3434583557 CHECKDATE:01/10/2020       |          |            |         |         |         |             |             |            |      |     |                                |
| 103798                                        |          | 12/31/2019 |         | 0120-3  | 238784  | 65.84       | 65.84       | 01/16/2020 | INV  | PD  | CONTRACTOR TRASH BAGS          |
| INVOICE:3434977955 CHECKDATE:01/17/2020       |          |            |         |         |         |             |             |            |      |     |                                |
|                                               |          |            |         |         |         | 632.90      |             |            |      |     |                                |
| 2699 COMPASS MINERALS AMERICA INC             |          |            |         |         |         |             |             |            |      |     |                                |



## VILLAGE OF GLEN ELLYN

## VENDOR INVOICE LIST

| DOCUMENT                              | P.O.     | INV DATE   | VOUCHER | WARRANT | CHECK # | INVOICE NET | PAID AMOUNT | DUE DATE   | TYPE | STS | INVOICE DESCRIPTION            |
|---------------------------------------|----------|------------|---------|---------|---------|-------------|-------------|------------|------|-----|--------------------------------|
| 103550<br>INVOICE:552248              | 20190046 | 12/12/2019 |         | 0120-2  | 238680  | 23,825.28   | 23,825.28   | 12/24/2019 | INV  | PD  | REGULAR BULK ROCK SALT         |
| 103549<br>INVOICE:553417              | 20190046 | 12/13/2019 |         | 0120-2  | 238680  | 9,145.51    | 9,145.51    | 12/24/2019 | INV  | PD  | REGULAR BULK ROCK SALT         |
|                                       |          |            |         |         |         | 32,970.79   |             |            |      |     |                                |
| 2746 LANGUAGE LINE SERVICES, INC      |          |            |         |         |         |             |             |            |      |     |                                |
| 103786<br>INVOICE:4729140             |          | 12/31/2019 |         | 0120-3  | 238764  | 91.87       | 91.87       | 01/16/2020 | INV  | PD  | INTERPRETATION SERVICES DEC 19 |
| 2796 US BANK                          |          |            |         |         |         |             |             |            |      |     |                                |
| 103731<br>INVOICE:5590300             |          | 12/24/2019 |         | 0120-3  | 238792  | 550.00      | 550.00      | 01/14/2020 | INV  | PD  | PAYING AGENT FEE 2018 BONDS    |
| 3037 COZZINI BROS INC.                |          |            |         |         |         |             |             |            |      |     |                                |
| 103610<br>INVOICE:C7462353            |          | 12/26/2019 |         | 0120-2  | 238682  | 27.00       | 27.00       | 01/07/2020 | INV  | PD  | KNIFE SERVICE                  |
| 3636 LANDS' END INC.                  |          |            |         |         |         |             |             |            |      |     |                                |
| 103655<br>INVOICE:SIN8112994          |          | 12/20/2019 |         | 0120-2  | 238709  | 51.30       | 51.30       | 01/07/2020 | INV  | PD  | PD UNIFORM APPAREL             |
| 3907 CORY ATWELL                      |          |            |         |         |         |             |             |            |      |     |                                |
| 103286<br>INVOICE:103286              |          | 12/16/2019 |         | 0120-2  | 238668  | 5,000.00    | 5,000.00    | 12/26/2019 | INV  | PD  | RESTORATION REFUND - 758 ST CH |
| 3995 WAREHOUSE DIRECT OFFICE PRODUCTS |          |            |         |         |         |             |             |            |      |     |                                |
| 103552<br>INVOICE:4517510-0           |          | 12/31/2019 |         | 0120-2  | 238741  | 135.00      | 135.00      | 12/31/2019 | INV  | PD  | PAD HOLDER                     |
| 103551<br>INVOICE:4517510-1           |          | 12/31/2019 |         | 0120-2  | 238741  | 3,950.00    | 3,950.00    | 12/31/2019 | INV  | PD  | FLOOR SCRUBBER / PD            |
| 103553<br>INVOICE:4520091-0           |          | 12/31/2019 |         | 0120-2  | 238741  | 2,055.00    | 2,055.00    | 12/31/2019 | INV  | PD  | FLOOR SCRUBBER / CIVIC CENTER  |
| 103546<br>INVOICE:C4521737            |          | 12/24/2019 |         | 0120-2  | 238741  | -49.77      | -49.77      | 12/24/2019 | CRM  | PD  | CREDIT - FREIGHT               |
|                                       |          |            |         |         |         | 6,090.23    |             |            |      |     |                                |
| 4643 MIDWEST LUBE, INC.               |          |            |         |         |         |             |             |            |      |     |                                |
| 103787<br>INVOICE:29231               |          | 12/30/2019 |         | 0120-3  | 238769  | 208.92      | 208.92      | 01/16/2020 | INV  | PD  | ANNUAL REPAIRS                 |
| 4804 RED BUD SUPPLY, INC.             |          |            |         |         |         |             |             |            |      |     |                                |
| 103796<br>INVOICE:163970              |          | 12/23/2019 |         | 0120-3  | 238778  | 112.34      | 112.34      | 01/16/2020 | INV  | PD  | SAFETY SUPPLIES STREETS/FOREST |
| 5018 SUBURBAN LABORATORIES, INC.      |          |            |         |         |         |             |             |            |      |     |                                |

## VILLAGE OF GLEN ELLYN



## VENDOR INVOICE LIST

| DOCUMENT                                  | P.O. | INV DATE   | VOUCHER | WARRANT | CHECK # | INVOICE NET | PAID AMOUNT | DUE DATE   | TYPE | STS | INVOICE DESCRIPTION            |
|-------------------------------------------|------|------------|---------|---------|---------|-------------|-------------|------------|------|-----|--------------------------------|
| 103728<br>INVOICE:172346                  |      | 12/31/2019 |         | 0120-3  | 238785  | 1,570.50    | 1,570.50    | 01/14/2020 | INV  | PD  | LAB/TESTING SERVICES           |
| 5049 GROOT INDUSTRIES INC.                |      |            |         |         |         |             |             |            |      |     |                                |
| 103742<br>INVOICE:4867992                 |      | 01/01/2020 |         | 0120-3  | 238759  | 545.00      | 545.00      | 01/14/2020 | INV  | PD  | 3107 61815 001 12/19 LINKS WAS |
| 5380 L & R MORAN, INC                     |      |            |         |         |         |             |             |            |      |     |                                |
| 103532<br>INVOICE:66771                   |      | 11/30/2019 |         | 0120-2  | 238696  | 539.50      | 539.50      | 12/31/2019 | INV  | PD  | BACKGROUND VERIFICATION NOV 19 |
| 103722<br>INVOICE:66956                   |      | 12/31/2019 |         | 0120-3  | 238760  | 139.00      | 139.00      | 01/14/2020 | INV  | PD  | BACKGROUND VERIFICATION DEC 19 |
|                                           |      |            |         |         |         | 678.50      |             |            |      |     |                                |
| 5500 UNITED STATES GOLF ASSOCIATION, INC. |      |            |         |         |         |             |             |            |      |     |                                |
| 103696<br>INVOICE:103696                  |      | 12/31/2019 |         | 0120-2  | 238736  | 150.00      | 150.00      | 01/07/2020 | INV  | PD  | 2020 MEMBERSHIP                |
| 5574 AFTERMATH, INC.                      |      |            |         |         |         |             |             |            |      |     |                                |
| 103776<br>INVOICE:JC2019-4506             |      | 12/31/2019 |         | 0120-3  | 238747  | 105.00      | 105.00      | 01/16/2020 | INV  | PD  | BIOHAZARD CLEANING             |
| 5841 GENUINE PARTS CO-NAPA                |      |            |         |         |         |             |             |            |      |     |                                |
| 103789<br>INVOICE:DEC 19                  |      | 12/31/2019 |         | 0120-3  | 238772  | 397.11      | 397.11      | 01/16/2020 | INV  | PD  | REPLACEMENT PARTS DEC 19       |
| 6366 TLP VETERINARY SERVICES              |      |            |         |         |         |             |             |            |      |     |                                |
| 103661<br>INVOICE:413425                  |      | 12/31/2019 |         | 0120-2  | 238743  | 12.00       | 12.00       | 01/07/2020 | INV  | PD  | CET CHEWS / K9                 |
| 6405 HIGHLAND BAKING CO                   |      |            |         |         |         |             |             |            |      |     |                                |
| 103626<br>INVOICE:2207480                 |      | 12/23/2019 |         | 0120-2  | 238695  | 26.83       | 26.83       | 01/07/2020 | INV  | PD  | FOOD RESALE                    |
| 103623<br>INVOICE:2208765                 |      | 12/26/2019 |         | 0120-2  | 238695  | 9.09        | 9.09        | 01/07/2020 | INV  | PD  | FOOD RESALE                    |
| 103622<br>INVOICE:2209835                 |      | 12/27/2019 |         | 0120-2  | 238695  | 100.14      | 100.14      | 01/07/2020 | INV  | PD  | FOOD RESALE                    |
| 103621<br>INVOICE:2210829                 |      | 12/28/2019 |         | 0120-2  | 238695  | 69.83       | 69.83       | 01/07/2020 | INV  | PD  | FOOD RESALE                    |
| 103625<br>INVOICE:2211057                 |      | 12/29/2019 |         | 0120-2  | 238695  | 85.46       | 85.46       | 01/07/2020 | INV  | PD  | FOOD RESALE                    |
| 103624<br>INVOICE:2212423                 |      | 12/31/2019 |         | 0120-2  | 238695  | 83.10       | 83.10       | 01/07/2020 | INV  | PD  | FOOD RESALE                    |
|                                           |      |            |         |         |         | 374.45      |             |            |      |     |                                |
| 6552 PROVANTAGE CORPORATION               |      |            |         |         |         |             |             |            |      |     |                                |

## VILLAGE OF GLEN ELLYN



## VENDOR INVOICE LIST

| DOCUMENT                               | P.O.     | INV DATE   | VOUCHER              | WARRANT | CHECK # | INVOICE NET | PAID | AMOUNT    | DUE DATE   | TYPE | STS | INVOICE DESCRIPTION            |
|----------------------------------------|----------|------------|----------------------|---------|---------|-------------|------|-----------|------------|------|-----|--------------------------------|
| 103739                                 |          | 12/31/2019 |                      | 0120-3  | 238777  | 76.00       |      | 76.00     | 01/14/2020 | INV  | PD  | REPLACEMENT UPS                |
| INVOICE:8500210                        |          |            | CHECKDATE:01/17/2020 |         |         |             |      |           |            |      |     |                                |
| 103740                                 |          | 12/31/2019 |                      | 0120-3  | 238777  | 18.00       |      | 18.00     | 01/14/2020 | INV  | PD  | VIDEO ADAPTER CABLE            |
| INVOICE:8500213                        |          |            | CHECKDATE:01/17/2020 |         |         |             |      |           |            |      |     |                                |
| 6572 LYNN LULLO                        |          |            |                      |         |         | 94.00       |      |           |            |      |     |                                |
| 103530                                 |          | 12/30/2019 |                      | 0120-2  | 238713  | 3,000.00    |      | 3,000.00  | 12/31/2019 | INV  | PD  | RESTORATION REFUND - 174 JONAT |
| INVOICE:103530                         |          |            | CHECKDATE:01/10/2020 |         |         |             |      |           |            |      |     |                                |
| 6827 ALFRED BENESCH & COMPANY          |          |            |                      |         |         |             |      |           |            |      |     |                                |
| 103671                                 | 20180046 | 12/06/2019 |                      | 0120-2  | 238665  | 1,790.90    |      | 1,790.90  | 01/07/2020 | INV  | PD  | TAYLOR AVE PEDESTRIAN TUNNEL   |
| INVOICE:147857                         |          |            | CHECKDATE:01/10/2020 |         |         |             |      |           |            |      |     |                                |
| 6942 SMITH BROTHERS TREE SERVICE       |          |            |                      |         |         |             |      |           |            |      |     |                                |
| 103699                                 |          | 12/19/2019 |                      | 0120-2  | 238728  | 1,000.00    |      | 1,000.00  | 01/07/2020 | INV  | PD  | SNOW PLOW JAN 2020             |
| INVOICE:304                            |          |            | CHECKDATE:01/10/2020 |         |         |             |      |           |            |      |     |                                |
| 7162 EMMANUEL BERGER                   |          |            |                      |         |         |             |      |           |            |      |     |                                |
| 103646                                 |          | 12/31/2019 |                      | 0120-2  | 238672  | 10.00       |      | 10.00     | 01/07/2020 | INV  | PD  | REIMBURSEMENT PER DIEM MERIT T |
| INVOICE:103646                         |          |            | CHECKDATE:01/10/2020 |         |         |             |      |           |            |      |     |                                |
| 7166 PERMA-SEAL BASEMENT SYSTEMS       |          |            |                      |         |         |             |      |           |            |      |     |                                |
| 103488                                 |          | 12/23/2019 |                      | 0120-2  | 238723  | 1,000.00    |      | 1,000.00  | 12/31/2019 | INV  | PD  | RESTORATION REFUND - 450 DUANE |
| INVOICE:103488                         |          |            | CHECKDATE:01/10/2020 |         |         |             |      |           |            |      |     |                                |
| 7416 SAC WIRELESS LLC                  |          |            |                      |         |         |             |      |           |            |      |     |                                |
| 103486                                 |          | 12/23/2019 |                      | 0120-2  | 238725  | 2,000.00    |      | 2,000.00  | 12/31/2019 | INV  | PD  | RESTORATION REFUND - 435 FAWEL |
| INVOICE:103486                         |          |            | CHECKDATE:01/10/2020 |         |         |             |      |           |            |      |     |                                |
| 7592 AQUAFIX, INC                      |          |            |                      |         |         |             |      |           |            |      |     |                                |
| 103716                                 | 20190073 | 12/23/2019 |                      | 0120-3  | 238749  | 10,462.50   |      | 10,462.50 | 01/14/2020 | INV  | PD  | BACTERIAL TREATMENT            |
| INVOICE:30003                          |          |            | CHECKDATE:01/17/2020 |         |         |             |      |           |            |      |     |                                |
| 8205 MUNICIPAL GIS PARTNERS, INC       |          |            |                      |         |         |             |      |           |            |      |     |                                |
| 103657                                 | 20190066 | 12/31/2019 |                      | 0120-2  | 238718  | 8,461.23    |      | 8,461.23  | 01/07/2020 | INV  | PD  | GIS SERVICES                   |
| INVOICE:4612                           |          |            | CHECKDATE:01/10/2020 |         |         |             |      |           |            |      |     |                                |
| 8254 AUTOMATIC SYSTEMS CO              |          |            |                      |         |         |             |      |           |            |      |     |                                |
| 103645                                 | 20180074 | 12/18/2019 |                      | 0120-2  | 238669  | 1,000.00    |      | 1,000.00  | 01/07/2020 | INV  | PD  | SURREY LIFT ST CONTROL PANEL   |
| INVOICE:34767                          |          |            | CHECKDATE:01/10/2020 |         |         |             |      |           |            |      |     |                                |
| 8502 NEW CHICAGO WHOLESALE BAKERY, INC |          |            |                      |         |         |             |      |           |            |      |     |                                |
| 103609                                 |          | 12/28/2019 |                      | 0120-2  | 238675  | 488.75      |      | 488.75    | 01/07/2020 | INV  | PD  | FOOD RESALE                    |
| INVOICE:365998                         |          |            | CHECKDATE:01/10/2020 |         |         |             |      |           |            |      |     |                                |

## VILLAGE OF GLEN ELLYN



## VENDOR INVOICE LIST

| DOCUMENT                                                 | P.O.     | INV DATE   | VOUCHER | WARRANT | CHECK # | INVOICE NET | PAID AMOUNT | DUE DATE   | TYPE | STS | INVOICE DESCRIPTION            |
|----------------------------------------------------------|----------|------------|---------|---------|---------|-------------|-------------|------------|------|-----|--------------------------------|
| 8565 WIDEOPENWEST FINANCE LLC                            |          |            |         |         |         |             |             |            |      |     |                                |
| 103662                                                   |          | 12/29/2019 |         | 0120-2  | 238745  | 68.00       | 68.00       | 01/07/2020 | INV  | PD  | 014034905 01/20 INTERNET       |
| INVOICE:12-29-19 4905 CHECKDATE:01/10/2020               |          |            |         |         |         |             |             |            |      |     |                                |
| 9182 IL ASSN OF CODE ENFORCEMENT                         |          |            |         |         |         |             |             |            |      |     |                                |
| 103697                                                   |          | 01/06/2020 |         | 0120-2  | 238698  | 40.00       | 40.00       | 01/07/2020 | INV  | PD  | 2020 MEMBERSHIP DUES - W.KEEL  |
| INVOICE:103697 CHECKDATE:01/10/2020                      |          |            |         |         |         |             |             |            |      |     |                                |
| 9224 ADVANCE STORES COMPANY, INC                         |          |            |         |         |         |             |             |            |      |     |                                |
| 103775                                                   |          | 12/31/2019 |         | 0120-3  | 238746  | 147.00      | 147.00      | 01/16/2020 | INV  | PD  | REPLACEMENT PARTS; TIRE INFLAT |
| INVOICE:DEC 19 CHECKDATE:01/17/2020                      |          |            |         |         |         |             |             |            |      |     |                                |
| 9718 SEBIS DIRECT INC                                    |          |            |         |         |         |             |             |            |      |     |                                |
| 103564                                                   |          | 12/11/2019 |         | 0120-2  | 238726  | 877.37      | 877.37      | 12/31/2019 | INV  | PD  | UTILITY BILLING MAILING/IMAGIN |
| INVOICE:28960 CHECKDATE:01/10/2020                       |          |            |         |         |         |             |             |            |      |     |                                |
| 9719 VERIZON CONNECT NWF INC.                            |          |            |         |         |         |             |             |            |      |     |                                |
| 103768                                                   |          | 01/01/2020 |         | 0120-3  | 238794  | 1,248.75    | 1,248.75    | 01/16/2020 | INV  | PD  | GPS & AVL IN VEHICLES DEC 19   |
| INVOICE:OSV000001993202 CHECKDATE:01/17/2020             |          |            |         |         |         |             |             |            |      |     |                                |
| 9751 KLF ENTERPRISES                                     |          |            |         |         |         |             |             |            |      |     |                                |
| 103685                                                   | 20190039 | 10/02/2019 |         | 0120-2  | 238705  | 901.49      | 901.49      | 01/07/2020 | INV  | PD  | MATERIAL HAULING SERVICES      |
| INVOICE:16442 CHECKDATE:01/10/2020                       |          |            |         |         |         |             |             |            |      |     |                                |
| 9817 CLESEN BROTHERS, INC                                |          |            |         |         |         |             |             |            |      |     |                                |
| 103807                                                   |          | 11/22/2019 |         | 0120-3  | 238754  | 448.75      | 448.75      | 01/16/2020 | INV  | PD  | POINSETTIAS - HOLIDAY DECORATI |
| INVOICE:534800 CHECKDATE:01/17/2020                      |          |            |         |         |         |             |             |            |      |     |                                |
| 9832 SUNICE USA INC                                      |          |            |         |         |         |             |             |            |      |     |                                |
| 103711                                                   |          | 12/27/2019 |         | 0120-3  | 238786  | 598.63      | 598.63      | 01/14/2020 | INV  | PD  | UNIFORMS - LINKS               |
| INVOICE:U9592710 CHECKDATE:01/17/2020                    |          |            |         |         |         |             |             |            |      |     |                                |
| 9879 BREAKTHRU BEVERAGE ILLINOIS, LLC                    |          |            |         |         |         |             |             |            |      |     |                                |
| 103639                                                   |          | 01/02/2020 |         | 0120-2  | 238673  | 241.07      | 241.07      | 01/07/2020 | INV  | PD  | BEVERAGES                      |
| INVOICE:334558090 CHECKDATE:01/10/2020                   |          |            |         |         |         |             |             |            |      |     |                                |
| 10010 BELLA BREW COFFEE & BEVERAGE CO                    |          |            |         |         |         |             |             |            |      |     |                                |
| 103607                                                   |          | 12/17/2019 |         | 0120-2  | 238671  | 134.96      | 134.96      | 01/07/2020 | INV  | PD  | FOOD RESALE                    |
| INVOICE:144527 CHECKDATE:01/10/2020                      |          |            |         |         |         |             |             |            |      |     |                                |
| 10019 TRANSUNION RISK AND ALTERNATIVE DATA SOLUTIONS INC |          |            |         |         |         |             |             |            |      |     |                                |
| 103804                                                   |          | 01/01/2020 |         | 0120-3  | 238790  | 162.00      | 162.00      | 01/16/2020 | INV  | PD  | PD BACKGROUND SEARCHES DEC 19  |
| INVOICE:258788-201912-1 CHECKDATE:01/17/2020             |          |            |         |         |         |             |             |            |      |     |                                |

## VILLAGE OF GLEN ELLYN



## VENDOR INVOICE LIST

| DOCUMENT                                      | P.O. | INV DATE   | VOUCHER | WARRANT | CHECK # | INVOICE NET | PAID AMOUNT | DUE DATE   | TYPE | STS | INVOICE DESCRIPTION            |
|-----------------------------------------------|------|------------|---------|---------|---------|-------------|-------------|------------|------|-----|--------------------------------|
| 10181 SOUTHERN GLAZER'S WINE AND SPIRITS, LLC |      |            |         |         |         |             |             |            |      |     |                                |
| 103629                                        |      | 12/31/2019 |         | 0120-2  | 238730  | 2,195.68    | 2,195.68    | 01/07/2020 | INV  | PD  | BEVERAGES                      |
| INVOICE:3015000 CHECKDATE:01/10/2020          |      |            |         |         |         |             |             |            |      |     |                                |
| 10315 ROYAL PUBLISHING, INC                   |      |            |         |         |         |             |             |            |      |     |                                |
| 103727                                        |      | 12/23/2019 |         | 0120-3  | 238781  | 465.00      | 465.00      | 01/14/2020 | INV  | PD  | PUBLISH AD FOR RESERVE 22      |
| INVOICE:7982684 CHECKDATE:01/17/2020          |      |            |         |         |         |             |             |            |      |     |                                |
| 10352 ELMUND & NELSON CO                      |      |            |         |         |         |             |             |            |      |     |                                |
| 103676                                        |      | 12/27/2019 |         | 0120-2  | 238687  | 1,940.00    | 1,940.00    | 01/07/2020 | INV  | PD  | REPAIR DVP STREET LIGHT        |
| INVOICE:19012033 CHECKDATE:01/10/2020         |      |            |         |         |         |             |             |            |      |     |                                |
| 10456 IMPACT NETWORKING, LLC                  |      |            |         |         |         |             |             |            |      |     |                                |
| 103652                                        |      | 12/24/2019 |         | 0120-2  | 238700  | 134.00      | 134.00      | 01/07/2020 | INV  | PD  | COPY PAPER                     |
| INVOICE:1650465 CHECKDATE:01/10/2020          |      |            |         |         |         |             |             |            |      |     |                                |
| 10477 TPI BUILDING CODE CONSULTANTS, INC      |      |            |         |         |         |             |             |            |      |     |                                |
| 103511                                        |      | 11/30/2019 |         | 0120-2  | 238734  | 23,374.18   | 23,374.18   | 12/31/2019 | INV  | PD  | T.P.I INSPECTIONS,REVIEWS,PERM |
| INVOICE:201911 CHECKDATE:01/10/2020           |      |            |         |         |         |             |             |            |      |     |                                |
| 10559 ALLIED GARAGE DOOR INC                  |      |            |         |         |         |             |             |            |      |     |                                |
| 103713                                        |      | 12/31/2019 |         | 0120-3  | 238748  | 198.00      | 198.00      | 01/14/2020 | INV  | PD  | SERVICE SOUTH ELEVATION GATE   |
| INVOICE:145759 CHECKDATE:01/17/2020           |      |            |         |         |         |             |             |            |      |     |                                |
| 10809 ELIZABETH ANNE TRYNER, INC              |      |            |         |         |         |             |             |            |      |     |                                |
| 103487                                        |      | 12/23/2019 |         | 0120-2  | 238735  | 1,000.00    | 1,000.00    | 12/31/2019 | INV  | PD  | RESTORATION REFUND - 530 PENNS |
| INVOICE:103487 CHECKDATE:01/10/2020           |      |            |         |         |         |             |             |            |      |     |                                |
| 10823 PEST MANAGEMENT SERVICES, INC           |      |            |         |         |         |             |             |            |      |     |                                |
| 103596                                        |      | 12/30/2019 |         | 0120-2  | 238724  | 349.00      | 349.00      | 12/31/2019 | INV  | PD  | PEST CONTROL                   |
| INVOICE:26935 CHECKDATE:01/10/2020            |      |            |         |         |         |             |             |            |      |     |                                |
| 10906 MIDCO INC                               |      |            |         |         |         |             |             |            |      |     |                                |
| 103788                                        |      | 12/18/2019 |         | 0120-3  | 238768  | 285.00      | 285.00      | 01/16/2020 | INV  | PD  | EVIDENCE ROOM CAMERA REPAIR    |
| INVOICE:340875 CHECKDATE:01/17/2020           |      |            |         |         |         |             |             |            |      |     |                                |
| 10952 CONSUMERS PACKING COMPANY               |      |            |         |         |         |             |             |            |      |     |                                |
| 103612                                        |      | 12/24/2019 |         | 0120-2  | 238681  | 650.00      | 650.00      | 01/07/2020 | INV  | PD  | FOOD RESALE                    |
| INVOICE:360735 CHECKDATE:01/10/2020           |      |            |         |         |         |             |             |            |      |     |                                |
| 103611                                        |      | 12/31/2019 |         | 0120-2  | 238681  | 406.06      | 406.06      | 01/07/2020 | INV  | PD  | FOOD RESALE                    |
| INVOICE:360925 CHECKDATE:01/10/2020           |      |            |         |         |         |             |             |            |      |     |                                |
|                                               |      |            |         |         |         | 1,056.06    |             |            |      |     |                                |
| 11043 JOSEPH BROWN                            |      |            |         |         |         |             |             |            |      |     |                                |



## VILLAGE OF GLEN ELLYN



## VENDOR INVOICE LIST

| DOCUMENT                            | P.O.     | INV DATE   | VOUCHER | WARRANT              | CHECK # | INVOICE NET | PAID | AMOUNT    | DUE DATE   | TYPE | STS | INVOICE DESCRIPTION            |
|-------------------------------------|----------|------------|---------|----------------------|---------|-------------|------|-----------|------------|------|-----|--------------------------------|
| 103628<br>INVOICE:R2-01-19          |          | 12/27/2019 |         | 0120-2               | 238702  | 280.00      |      | 280.00    | 01/07/2020 | INV  | PD  | UNIFORM SHIRTS                 |
|                                     |          |            |         | CHECKDATE:01/10/2020 |         |             |      |           |            |      |     |                                |
| 11077 WINEBOW, INC                  |          |            |         |                      |         |             |      |           |            |      |     |                                |
| 103637<br>INVOICE:IL0666867         |          | 12/31/2019 |         | 0120-2               | 238740  | 288.00      |      | 288.00    | 12/31/2019 | INV  | PD  | BEVERAGES                      |
|                                     |          |            |         | CHECKDATE:01/10/2020 |         |             |      |           |            |      |     |                                |
| 11080 CITYWIDE TITLE CORP           |          |            |         |                      |         |             |      |           |            |      |     |                                |
| 103663<br>INVOICE:103663            |          | 01/02/2019 |         | 0120-2               | 238676  | 50.00       |      | 50.00     | 01/07/2020 | INV  | PD  | CLEARWATER INSPECTION          |
|                                     |          |            |         | CHECKDATE:01/10/2020 |         |             |      |           |            |      |     |                                |
| 11280 B&B HOLIDAY DECORATING, LLC   |          |            |         |                      |         |             |      |           |            |      |     |                                |
| 103692<br>INVOICE:3338              | 20190076 | 09/18/2019 |         | 0120-2               | 238670  | 26,985.75   |      | 26,985.75 | 01/07/2020 | INV  | PD  | YR 2 SEASONAL DECORATIONS      |
|                                     |          |            |         | CHECKDATE:01/10/2020 |         |             |      |           |            |      |     |                                |
| 11284 CIVICPLUS, INC                |          |            |         |                      |         |             |      |           |            |      |     |                                |
| 103648<br>INVOICE:195138            |          | 12/31/2019 |         | 0120-2               | 238677  | 19,337.50   |      | 19,337.50 | 01/07/2020 | INV  | PD  | WEBSITE DESIGN; DEVELOPMENT    |
|                                     |          |            |         | CHECKDATE:01/10/2020 |         |             |      |           |            |      |     |                                |
| 11289 INTERSTATE POWER SYSTEMS, INC |          |            |         |                      |         |             |      |           |            |      |     |                                |
| 103723<br>INVOICE:R042025206:01     |          | 10/25/2019 |         | 0120-3               | 238763  | 550.00      |      | 550.00    | 01/14/2020 | INV  | PD  | FIELD - GENERATOR LABOR        |
|                                     |          |            |         | CHECKDATE:01/17/2020 |         |             |      |           |            |      |     |                                |
| 11310 JULIE RUSIN                   |          |            |         |                      |         |             |      |           |            |      |     |                                |
| 103753<br>INVOICE:103753            |          | 12/14/2019 |         | 0120-3               | 238782  | 46.29       |      | 46.29     | 01/14/2020 | INV  | PD  | REIMBURSE MILEAGE TO PURCHASE  |
|                                     |          |            |         | CHECKDATE:01/17/2020 |         |             |      |           |            |      |     |                                |
| 11334 EURO USA MIDWEST LLC          |          |            |         |                      |         |             |      |           |            |      |     |                                |
| 103613<br>INVOICE:509799            |          | 12/27/2019 |         | 0120-2               | 238689  | 576.73      |      | 576.73    | 01/07/2020 | INV  | PD  | FOOD RESALE                    |
|                                     |          |            |         | CHECKDATE:01/10/2020 |         |             |      |           |            |      |     |                                |
| 11340 SERVICE PRINTING CORPORATION  |          |            |         |                      |         |             |      |           |            |      |     |                                |
| 103601<br>INVOICE:29786             |          | 12/30/2019 |         | 0120-2               | 238727  | 3,657.00    |      | 3,657.00  | 12/31/2019 | INV  | PD  | NEWSLETTER                     |
|                                     |          |            |         | CHECKDATE:01/10/2020 |         |             |      |           |            |      |     |                                |
| 11423 PEGGY HAYLEY                  |          |            |         |                      |         |             |      |           |            |      |     |                                |
| 103651<br>INVOICE:103651            |          | 12/18/2019 |         | 0120-2               | 238694  | 33.17       |      | 33.17     | 01/07/2020 | INV  | PD  | REIMBURSEMENT MILEAGE TRAINING |
|                                     |          |            |         | CHECKDATE:01/10/2020 |         |             |      |           |            |      |     |                                |
| 11628 JEREMY MENCHACA               |          |            |         |                      |         |             |      |           |            |      |     |                                |
| 103725<br>INVOICE:103725            |          | 12/07/2019 |         | 0120-3               | 238767  | 79.91       |      | 79.91     | 01/14/2020 | INV  | PD  | REIMBURSEMENT - WORK APPAREL   |
|                                     |          |            |         | CHECKDATE:01/17/2020 |         |             |      |           |            |      |     |                                |
| 11761 MOSHE CALAMARO & ASSOCIATES   |          |            |         |                      |         |             |      |           |            |      |     |                                |

## VILLAGE OF GLEN ELLYN



## VENDOR INVOICE LIST

| DOCUMENT                                     | P.O. | INV DATE   | VOUCHER              | WARRANT | CHECK # | INVOICE NET | PAID AMOUNT | DUE DATE   | TYPE | STS | INVOICE DESCRIPTION            |
|----------------------------------------------|------|------------|----------------------|---------|---------|-------------|-------------|------------|------|-----|--------------------------------|
| 103507                                       |      | 12/02/2019 |                      | 0120-2  | 238717  | 1,035.15    | 1,035.15    | 12/31/2019 | INV  | PD  | ENGINEERING SERVICES NOV 2019  |
| INVOICE:2012284                              |      |            | CHECKDATE:01/10/2020 |         |         |             |             |            |      |     |                                |
| 103390                                       |      | 12/10/2019 |                      | 0120-3  | 238771  | 3,650.00    | 3,650.00    | 12/27/2019 | INV  | PD  | STRUCTURAL PERMIT PLAN REVIEW  |
| INVOICE:2012289                              |      |            | CHECKDATE:01/17/2020 |         |         |             |             |            |      |     |                                |
|                                              |      |            |                      |         |         | 4,685.15    |             |            |      |     |                                |
| 11769 COMCAST HOLDINGS CORPORATION           |      |            |                      |         |         |             |             |            |      |     |                                |
| 103708                                       |      | 08/29/2019 |                      | 0120-3  | 238756  | 700.00      | 700.00      | 01/14/2020 | INV  | PD  | GOLF MARKETING                 |
| INVOICE:NW943988                             |      |            | CHECKDATE:01/17/2020 |         |         |             |             |            |      |     |                                |
| 103709                                       |      | 08/29/2019 |                      | 0120-3  | 238756  | 350.00      | 350.00      | 01/14/2020 | INV  | PD  | GOLF MARKETING                 |
| INVOICE:NW943989                             |      |            | CHECKDATE:01/17/2020 |         |         |             |             |            |      |     |                                |
|                                              |      |            |                      |         |         | 1,050.00    |             |            |      |     |                                |
| 11819 UNIFIRST CORPORATION                   |      |            |                      |         |         |             |             |            |      |     |                                |
| 103805                                       |      | 12/30/2019 |                      | 0120-3  | 238791  | 155.74      | 155.74      | 01/16/2020 | INV  | PD  | MAT & TOWEL SERVICE DEC 19     |
| INVOICE:DEC 19                               |      |            | CHECKDATE:01/17/2020 |         |         |             |             |            |      |     |                                |
| 11828 GET FRESH PRODUCE                      |      |            |                      |         |         |             |             |            |      |     |                                |
| 103620                                       |      | 12/21/2019 |                      | 0120-2  | 238691  | 244.35      | 244.35      | 01/07/2020 | INV  | PD  | FOOD RESALE                    |
| INVOICE:3414260                              |      |            | CHECKDATE:01/10/2020 |         |         |             |             |            |      |     |                                |
| 103619                                       |      | 12/24/2019 |                      | 0120-2  | 238691  | 242.27      | 242.27      | 01/07/2020 | INV  | PD  | FOOD RESALE                    |
| INVOICE:3414995                              |      |            | CHECKDATE:01/10/2020 |         |         |             |             |            |      |     |                                |
| 103617                                       |      | 12/27/2019 |                      | 0120-2  | 238691  | 337.98      | 337.98      | 01/07/2020 | INV  | PD  | FOOD RESALE                    |
| INVOICE:3418078                              |      |            | CHECKDATE:01/10/2020 |         |         |             |             |            |      |     |                                |
| 103615                                       |      | 12/28/2019 |                      | 0120-2  | 238691  | 213.55      | 213.55      | 01/07/2020 | INV  | PD  | FOOD RESALE                    |
| INVOICE:3419265                              |      |            | CHECKDATE:01/10/2020 |         |         |             |             |            |      |     |                                |
| 103614                                       |      | 12/31/2019 |                      | 0120-2  | 238691  | 321.25      | 321.25      | 01/07/2020 | INV  | PD  | FOOD RESALE                    |
| INVOICE:3420487                              |      |            | CHECKDATE:01/10/2020 |         |         |             |             |            |      |     |                                |
| 103618                                       |      | 12/31/2019 |                      | 0120-2  | 238691  | 20.75       | 20.75       | 01/07/2020 | INV  | PD  | FOOD RESALE                    |
| INVOICE:3420563                              |      |            | CHECKDATE:01/10/2020 |         |         |             |             |            |      |     |                                |
|                                              |      |            |                      |         |         | 1,380.15    |             |            |      |     |                                |
| 11887 DACRA ADJUDICATION SYSTEMS LLC         |      |            |                      |         |         |             |             |            |      |     |                                |
| 103780                                       |      | 12/31/2019 |                      | 0120-3  | 238757  | 1,806.00    | 1,806.00    | 01/16/2020 | INV  | PD  | MUNICIPAL ENFORCEMENT SOFTWARE |
| INVOICE:2019-118                             |      |            | CHECKDATE:01/17/2020 |         |         |             |             |            |      |     |                                |
| 11907 LANDINI ENTERTAINMENT PRODUCTIONS, INC |      |            |                      |         |         |             |             |            |      |     |                                |
| 103641                                       |      | 01/02/2019 |                      | 0120-2  | 238708  | 225.00      | 225.00      | 01/07/2020 | INV  | PD  | ENTERTAINMENT 12/31/19         |
| INVOICE:16880                                |      |            | CHECKDATE:01/10/2020 |         |         |             |             |            |      |     |                                |
| 11936 JVW RENOVATIONS LLC                    |      |            |                      |         |         |             |             |            |      |     |                                |
| 103489                                       |      | 12/26/2019 |                      | 0120-2  | 238704  | 1,000.00    | 1,000.00    | 12/31/2019 | INV  | PD  | RESTORATION REFUND - 205 CREST |
| INVOICE:103489                               |      |            | CHECKDATE:01/10/2020 |         |         |             |             |            |      |     |                                |
| 11939 JOHN/MAY WOLAVER                       |      |            |                      |         |         |             |             |            |      |     |                                |
| 103531                                       |      | 12/30/2019 |                      | 0120-2  | 238744  | 1,000.00    | 1,000.00    | 12/31/2019 | INV  | PD  | RESTORATION REFUND - 75 S MAIN |
| INVOICE:103531                               |      |            | CHECKDATE:01/10/2020 |         |         |             |             |            |      |     |                                |

## VILLAGE OF GLEN ELLYN



## VENDOR INVOICE LIST

| DOCUMENT                               | P.O. | INV DATE   | VOUCHER | WARRANT | CHECK # | INVOICE NET | PAID AMOUNT | DUE DATE   | TYPE | STS | INVOICE DESCRIPTION            |
|----------------------------------------|------|------------|---------|---------|---------|-------------|-------------|------------|------|-----|--------------------------------|
| 11940 MARK HUFFMAN                     |      |            |         |         |         |             |             |            |      |     |                                |
| 103533                                 |      | 12/06/2019 |         | 0120-2  | 238697  | 650.00      | 650.00      | 12/31/2019 | INV  | PD  | REFUND - ESCROW ACCOUNT        |
| INVOICE:103533 CHECKDATE:01/10/2020    |      |            |         |         |         |             |             |            |      |     |                                |
| 11943 SOLARWINDS ITSM US, INC          |      |            |         |         |         |             |             |            |      |     |                                |
| 103691                                 |      | 12/26/2019 |         | 0120-2  | 238729  | 816.00      | 816.00      | 01/07/2020 | INV  | PD  | SAMANAGE SUBSCRIPTION          |
| INVOICE:2019-2618 CHECKDATE:01/10/2020 |      |            |         |         |         |             |             |            |      |     |                                |
| 11944 PAUL/STACIE CHIU                 |      |            |         |         |         |             |             |            |      |     |                                |
| 103717                                 |      | 10/25/2019 |         | 0120-3  | 238752  | 975.00      | 975.00      | 01/14/2020 | INV  | PD  | REAL ESTATE TRANSFER TAX - 130 |
| INVOICE:103717 CHECKDATE:01/17/2020    |      |            |         |         |         |             |             |            |      |     |                                |
| 11949 SYLVIA VILLAMIL/APHRODITE TORRES |      |            |         |         |         |             |             |            |      |     |                                |
| 103766                                 |      | 01/08/2020 |         | 0120-3  | 238795  | 1,000.00    | 1,000.00    | 01/16/2020 | INV  | PD  | RESTORATION REFUND 380 S LAMBE |
| INVOICE:103766 CHECKDATE:01/17/2020    |      |            |         |         |         |             |             |            |      |     |                                |
|                                        |      |            |         |         |         | 1,000.00    |             |            |      |     |                                |
| 197 INVOICES                           |      |            |         |         |         | 259,685.86  |             |            |      |     |                                |

\*\* END OF REPORT - Generated by Lori Thomas \*\*



Minutes  
Village of Glen Ellyn  
Special Meeting  
Monday, January 13, 2020  
6:30 PM  
Glen Ellyn Civic Center, Galligan Board  
Room

**A. Call to Order**

| Attendee Name         | Title                     | Status  | Arrived |
|-----------------------|---------------------------|---------|---------|
| Diane McGinley        | Village President         | Present |         |
| Bill Enright          | Village Trustee           | Present |         |
| Gary Fasules          | Village Trustee           | Present |         |
| Craig R. Pryde        | Village Trustee           | Present |         |
| Kelli E. Christiansen | Village Trustee           | Present |         |
| Steve Thompson        | Village Trustee           | Present |         |
| Mark Senak            | Village Trustee           | Present |         |
| John Chereskin        | Village Clerk             | Present |         |
| Mark Franz            | Village Manager           | Present |         |
| Greg Mathews          | Village Attorney          | Present |         |
| William Holmer        | Assistant Village Manager | Absent  |         |
| Christina Coyle       | Finance Director          | Absent  |         |
| Julius Hansen         | Public Works Director     | Absent  |         |
| Staci Springer        | Director                  | Absent  |         |
| Phil Norton           | Chief of Police           | Absent  |         |
| Lindsey Kaminsky      | Executive Assistant       | Present |         |

**B. Pledge of Allegiance**

**C. Roll Call**

**D. Audience Participation**

1. Open:

January 13, 2020  
Page 2

*None.*

**E. Other Items**

- F. Motion to adjourn to Executive Session for the discussion regarding the purchase or lease of real property pursuant to 5 ILCS 120/2 (C)(5) without returning to open session thereafter.**

|                  |                                                        |
|------------------|--------------------------------------------------------|
| <b>RESULT:</b>   | <b>APPROVED [6 TO 0]</b>                               |
| <b>MOVER:</b>    | Bill Enright, Village Trustee                          |
| <b>SECONDER:</b> | Steve Thompson, Village Trustee                        |
| <b>AYES:</b>     | Enright, Fasules, Pryde, Christiansen, Thompson, Senak |
| <b>PRESENT:</b>  | McGinley                                               |

Respectfully Submitted, Lindsey Kaminsky Executive Assistant

Reviewed and Approved, John A. Chereskin Village Clerk



Minutes  
Village of Glen Ellyn  
Regular Meeting  
Monday, January 13, 2020  
7:00 PM  
Glen Ellyn Civic Center, Galligan Board  
Room

**A. Call to Order**

**B. Pledge of Allegiance**

**C. Roll Call**

| Attendee Name         | Title                            | Status  | Arrived |
|-----------------------|----------------------------------|---------|---------|
| Diane McGinley        | Village President                | Present |         |
| Bill Enright          | Village Trustee                  | Present |         |
| Gary Fasules          | Village Trustee                  | Present |         |
| Craig R. Pryde        | Village Trustee                  | Present |         |
| Kelli E. Christiansen | Village Trustee                  | Present |         |
| Steve Thompson        | Village Trustee                  | Present |         |
| Mark Senak            | Village Trustee                  | Present |         |
| John Chereskin        | Village Clerk                    | Present |         |
| Mark Franz            | Village Manager                  | Present |         |
| Greg Mathews          | Village Attorney                 | Present |         |
| William Holmer        | Assistant Village Manager        | Present |         |
| Christina Coyle       | Finance Director                 | Present |         |
| Julius Hansen         | Public Works Director            | Excused |         |
| Staci Springer        | Director                         | Present |         |
| Phil Norton           | Chief of Police                  | Present |         |
| Rich Daubert          | Professional Engineer            | Present |         |
| Cole Jackson          | Associate Planner                | Present |         |
| Katie Ashbaugh        | Planner                          | Present |         |
| Steve Witt            | Building & Zoning Official       | Present |         |
| AJ Goyal              | Economic Development Coordinator | Present |         |

**D. Village Recognition: (Village Clerk)**

1. A moment of silence to be observed in honor of former Glen Ellyn Fire Company Chief Scott Raffensparger, who recently passed away.

*President McGinley shared the history of the Glen Ellyn Fire Company and spoke regarding former Fire Chief Raffensparger's service to the Glen Ellyn Fire Company and community.*

**E. Audience Participation**

1. Open:

Village of Glen Ellyn

January 13, 2020

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*1. Michelle Andringa, who resides at 708 Highview Avenue, spoke about her concerns regarding the Village's review process of recreational cannabis stores, and is strongly against cannabis being sold in Glen Ellyn.*

*2. Dirk Andringa, who resides at 708 Highview Avenue, spoke about his concerns regarding the Village's review process of recreational cannabis stores, and his strongly against cannabis being sold in Glen Ellyn.*

*President McGinley and Community Development Director Springer spoke to clarify the process that was followed by the Plan Commission and Village Board in regards to the potential zoning of recreational cannabis stores in Glen Ellyn. President McGinley also stated the Village Board approved a Moratorium Ordinance in 2019 which prohibits recreational cannabis businesses in Glen Ellyn until October 2020 when the Village Board will revisit this topic.*

- F. Consent Agenda - The following items are considered routine business by the Village Board and will be approved in a single vote in the form listed below:

*Consent Agenda Item #5 was pulled from the Consent Agenda to be voted on separately.*

|                  |                                                        |
|------------------|--------------------------------------------------------|
| <b>RESULT:</b>   | <b>APPROVED AS AMENDED [6 TO 0]</b>                    |
| <b>MOVER:</b>    | Mark Senak, Village Trustee                            |
| <b>SECONDER:</b> | Steve Thompson, Village Trustee                        |
| <b>AYES:</b>     | Enright, Fasules, Pryde, Christiansen, Thompson, Senak |
| <b>PRESENT:</b>  | McGinley                                               |

Motion to approve the following items including Payroll and Vouchers totaling \$6,546,917.05. These agenda items have been reviewed by the Management Team & Village Attorney and are consistent with the Village's purchasing policy. (Trustee Senak):

1. Total Expenditures (Payroll and Vouchers) - \$6,546,917.05
2. Glen Ellyn Village Board - Regular Meeting - Dec 9, 2019 7:00 PM
3. Approve the Recommendation of Village President Diane McGinley for the Appointment of Zoning Board of Appeals Commissioner Katie Crudele for a Term Ending May 31, 2023
4. Ordinance No. 6749, An Ordinance Designating the House at 475 Hawthorne Boulevard as a Local Landmark (Community Development Director Springer)
6. Resolution No. 20-01, A Resolution Concerning the Determination of the Glen Ellyn Village Board that Change Order Number One - Final with Schroeder & Schroeder, Inc. is Required for the 2019 Sidewalk and Concrete Street Repair Program, for a Revised and Final Contract Cost of \$366,466.30, to be Expensed to the Capital Projects and Water & Sewer Funds (Public Works Director Hansen)

January 13, 2020

Page 3

7. Motion Pursuant to Section 1-10-7 of the Glen Ellyn Village Code to Adopt the Competitive Bidding Procedures of the Suburban Purchasing Co-op in Lieu of the Provisions of Chapter 10 on Village Contracts and Approve the Purchase of Three (3) 2020 Ford Police Utility Vehicles from Currie Motors Inc. of Frankfort, Illinois, in the Amount of \$113,218 and One (1) 2020 Ford F-150 Pickup Truck from Roesch Ford of Bensenville, Illinois, in the Amount of \$29,346 to be Expensed to the Equipment Service

### **Items Removed from the Consent Agenda and Voted on Independently**

5. Ordinance No. 6750-VC, An Ordinance Amending Chapter 1 (Building Code) and Chapter 8 (Tree Preservation) of Title 4 (Building Regulations) and Chapter 4 (Forestry Management) of Title 8 (Public Ways and Property) of the Village Code of the Village of Glen Ellyn, Illinois, to Amend Contractor Registration Requirements (Community Development Director Springer)

*This item was tabled to the January 27, 2020 Village Board meeting as trustees had various questions regarding the proposed Ordinance.*

|                  |                                                        |                                |
|------------------|--------------------------------------------------------|--------------------------------|
| <b>RESULT:</b>   | <b>TABLED [6 TO 0]</b>                                 | <b>Next: 1/27/2020 7:00 PM</b> |
| <b>MOVER:</b>    | Mark Senak, Village Trustee                            |                                |
| <b>SECONDER:</b> | Kelli E. Christiansen, Village Trustee                 |                                |
| <b>AYES:</b>     | Enright, Fasules, Pryde, Christiansen, Thompson, Senak |                                |
| <b>PRESENT:</b>  | McGinley                                               |                                |

### **G. Prairie Path Annexation and Zoning (Presented by Community Development Director Springer) (Trustee Christiansen)**

*Community Development Director Springer stated the Village has reached out to the Railroad and DuPage County Highway Department regarding the annexation of the portion of the Prairie Path that falls just east of the Village boundaries. Community Development Director Springer stated the Plan Commission held a Public Hearing on the request of the rezoning on December 12, 2019 and voted 6-0 to recommend approval to the Village Board of the request for a Zoning Map Amendment to zone a portion of the Illinois Prairie Path as CR Conservation Recreation District upon Annexation.*

*Trustee Senak asked who is responsible for paying for and maintaining this portion of the Prairie Path if the Village moves forward with the annexation. Community Development Director Springer stated that DuPage County will remain complete control of the Prairie Path.*

1. Ordinance No. 6751, An Ordinance Granting Approval of a Petition for Voluntary Annexation of Two Parcels of the Illinois Prairie Path/County Highway 47 Located between the Corporate Boundaries of the Village of Glen Ellyn and the Village of Lombard



January 13, 2020

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**RESULT:** APPROVED [6 TO 0]  
**MOVER:** Kelli E. Christiansen, Village Trustee  
**SECONDER:** Gary Fasules, Village Trustee  
**AYES:** Enright, Fasules, Pryde, Christiansen, Thompson, Senak  
**PRESENT:** McGinley

2. Ordinance No. 6752, An Ordinance Granting Approval of a Zoning Map Amendment for Two Parcels of the Illinois Prairie Path/County Highway 47 Located West of the Corporate Boundaries of the Village of Lombard, in Glen Ellyn

**RESULT:** APPROVED [6 TO 0]  
**MOVER:** Kelli E. Christiansen, Village Trustee  
**SECONDER:** Gary Fasules, Village Trustee  
**AYES:** Enright, Fasules, Pryde, Christiansen, Thompson, Senak  
**PRESENT:** McGinley

**H. Proposed Civic Center Parking Garage (Presented by Community Development Director Springer and Assistant Village Manager Holmer) (Trustee Pryde)**

*Community Development Director Springer stated the zoning component of the proposed Civic Center Parking garage started with the Historic Preservation Commission, who at the September 19, 2019 meeting voted 4-1 (with 1 abstention) to approve the exterior alteration to a landmarked property. The Plan Commission met on December 12, 2019 and voted 5-1 to recommend a Preliminary PUD with Deviations, final PUD for Phase 1 and a Special Use Permit to allow Public Use with conditions.*

*Community Development Director Springer provided a general overview of the proposed parking garage project. This proposed project includes a 5-tier parking garage with one level below ground and four above, a pedestrian connection from Main Street as well as a combined garbage and refuse area. The proposed parking garage will have a total of 287 stalls (10 surface; 277 inside garage) with a total net gain of 212 stalls.*

*Community Development Director Springer provided detail regarding the proposed parking garage elevations and proposed building materials. Trustee Senak asked for if there will be pedestrian access from both Main Street and Duane Street. Village Manager Franz stated that is the plan, and a small easement would be needed for the Duane Street connection.*

*Assistant Village Manager Holmer stated in 2018, staff was directed by the Village Board to pursue a parking garage at the Civic Center. Assistant Village Manager stated meetings with the surrounding neighbors early in the process, and they were involved in the design component of the parking garage.*

January 13, 2020  
Page 5

*Assistant Village Manager Holmer provided detail regarding elevations and showed various renderings of the proposed parking garage. Assistant Village Manager Holmer stated the Village is looking for construction easements with their neighbors. Staff has been working to finalize these easements, and while they are nearing an agreement there is still work to be done. Assistant Village Manager also stated the proposed Guaranteed Maximum Price (GMP) does not include finishes that are related to the pedestrian connection. Assistant Village Manager Holmer also discussed the additional related costs to the proposed project.*

*Trustee Enright asked why the Village Board is voting on this tonight, instead of waiting until some decisions to be finalized. Village Manager Franz stated voting on this tonight will help move the project forward. Additionally if construction is complete in early 2021, the parking garage could be used when parking spots are lost during the upcoming Streetscape Project.*

*Brad Navarro of Walking Parking Consultants stated the proposed parking garage was designed with considering the following top three components: parking efficiency, safety and pedestrian wayfinding. Mr. Navarro also provided detailed information regarding the interior flow of the parking garage, circulation pattern and parking stalls.*

*Trustee Christiansen asked if the aisles is wide enough for two-way traffic. Mr. Navarro confirmed it is.*

*Trustee Senak asked what the life span of the parking garage is. Mr. Navarro stated it is built to last between 40 and 50 years.*

*Trustee Senak asked if any part of the design can be converted to other uses if vehicular traffic decreases. Mr. Navarro stated the parking garage is not currently designed for adaptive reuse; it is possible to design the parking garage for adaptive reuse, but it can cost up to double. Mr. Navarro explained the potential reduction in parking needs over the next 20 years. Village Manager Franz stated that if the Village can redevelop parking lots if a reduction in parking needs in the next 20 to 30 years.*

*Trustee Senak asked if there are any parts of this parking design that make it environmentally friendly. Mr. Navarro stated there will be proportioned amounts of recycled material, there a provisions for future electronic car charging stations and LED lighting.*

*Trustee Senak asked if this proposal includes parking guiding system technology. Mr. Navarro said it is not currently in the plans for the project, but there is opportunity for it.*

January 13, 2020  
Page 6

*Trustee Enright asked how full the Civic Center parking lot gets during the day and at night, and if the new wayfinding signage has helped with any parking issues. Assistant Village Manager Holmer stated during the day the Civic Center parking lot get full, and it depends on the activities that particular night. Assistant Village Manager Holmer said he does not have any data on how the wayfinding signs are impacting parking.*

*Trustee Senak asked if the pedestrian access from Main Street will move forward if the parking lot does not. Assistant Village Manager confirmed it is the plan to move forward with the connection.*

*Finance Director Coyle stated to look at the parking garage funding, you also need to look at the four major capital improvement projects including: the Civic Center HVAC improvements that was completed in June 2019, CBD Streetscape, Parking Garage and Train Station project.*

*Finance Director Coyle stated when funding was discussed in the summer, the plan was to use 3 million dollars of Village savings, and 26 million dollars from bonds. These bonds are not being funded through property taxes any more than property taxes are already being pulled into the Capital Projects Fund. The four new projects are also to be funded by the Food and Beverage Tax, Parking Fund Revenues, Central Business District TIF Funds and the relocation of a portion of the Drainage Infrastructure Fee.*

*Finance Director Coyle stated with the current cost of the proposed parking garage, the previous funding plan will need to shift a little. To maintain the same level of funding, the Village would need to use 4 million dollars of Village Savings instead of the 3 million that was previously discussion. Additional funding can come through the increase in Motor Fuel Taxed paid to the Village by the state as well as increasing the bond issuance to 26.78 million dollars. Additionally, the Village expects to end 2019 with a surplus in the General Fund with can be contributed to these capital projects. It is recommended to increase the TIF Contribution.*

*Finance Director Coyle stated after the four capital projects are complete, there is expected to be 1.8 million dollars in debt service which will be repaid with the Food and Beverage Tax, Parking Fund Revenues and the Drainage Infrastructure Fee.*

*Finance Director Coyle stated the Village has received Federal Funding for the train station project, and the Village can hopefully obtain additional Federal Funding for the train station and streetscape projects.*

*Finance Director Coyle provided an update on received and projected funds from the Food and Beverage Tax that will be used for the proposed projects.*

*Trustee Pryde asked how close we were to an open parking garage. Mr. Navarro stated we the proposed parking garage is not close to being an open parking garage.*

January 13, 2020  
Page 7

*Dawn Smith, Executive Director of the Glen Ellyn Chamber of Commerce, thanked Village staff and the Village Board for addressing parking needs. Ms. Smith stated she is in support of the parking garage.*

*Donna Rhodes, who resides at 538 Hillside Avenue, is requesting the Village Board to wait on voting on the proposed parking garage until the affected neighbors and the Village reach a final agreement regarding the construction easements.*

*Anna Kreissler, who resides at 542 Hillside Avenue, is requesting the Village Board to wait on voting on the proposed parking garage until the affected neighbors and the Village reach a final agreement regarding the construction easements.*

*Village Manager Franz thanked the neighbors that the Village has been meeting with for their participation and collaboration with this process. Village Manager Franz stated the Village Board went to Executive Session prior to this meeting and are expected to finalize the agreements regarding the construction easements in the upcoming week.*

*Mark Rhodes, who resides at 538 Hillside Avenue, is requested the Village Board to wait on voting on the proposed parking garage until the affected neighbors and Village reach a final agreement regarding the construction easements.*

*Paul Svigos, who represents 413 Main N. Street, stated he is in support of the parking garage and has been working with the Village to reach an agreement regarding construction easements.*

*President McGinley clarified the process of finalizing negotiations. Once the negotiations are finalized, they must come before the Village Board for a public vote. President McGinley stated it is the intention to have the Village Board vote on these negotiations at the January 27, 2020 Village Board Meeting.*

*Tom Manak, who resides at 586 Crescent Boulevard, requested clarification regarding handicapped parking and elevator placement in the parking garage. Assistant Village Manager stated all handicapped parking spaces are on the ground level of the proposed parking garage so there will not be a need for elevator use.*

1. Ordinance No. 6753, An Ordinance Granting Approval of a Special Use Permit for a Preliminary Planned Unit Development Plan with Deviations, a Final Planned Unit Development for Phase One of the Planned Unit Development, Other Associated Special Use Permits, and the Exterior Appearance of a Public Parking Garage and Associated Public Improvements to be Located at 535 Duane Street and 423 N. Main Street

January 13, 2020

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|                  |                                                        |                                |
|------------------|--------------------------------------------------------|--------------------------------|
| <b>RESULT:</b>   | <b>TABLED [6 TO 0]</b>                                 | <b>Next: 1/27/2020 7:00 PM</b> |
| <b>MOVER:</b>    | Mark Senak, Village Trustee                            |                                |
| <b>SECONDER:</b> | Bill Enright, Village Trustee                          |                                |
| <b>AYES:</b>     | Enright, Fasules, Pryde, Christiansen, Thompson, Senak |                                |
| <b>PRESENT:</b>  | McGinley                                               |                                |

2. Motion to Authorize the Village Manager to Execute a Contract with M.A. Mortenson Construction with a Revised Guaranteed Maximum Price (GMP) of \$16,105,628 for the Construction of the Civic Center Public Parking Garage to be Expensed to the Parking Fund

|                  |                                                        |                                |
|------------------|--------------------------------------------------------|--------------------------------|
| <b>RESULT:</b>   | <b>TABLED [6 TO 0]</b>                                 | <b>Next: 1/27/2020 7:00 PM</b> |
| <b>MOVER:</b>    | Mark Senak, Village Trustee                            |                                |
| <b>SECONDER:</b> | Bill Enright, Village Trustee                          |                                |
| <b>AYES:</b>     | Enright, Fasules, Pryde, Christiansen, Thompson, Senak |                                |
| <b>PRESENT:</b>  | McGinley                                               |                                |

### **I. Reminders**

1. A Village Board Workshop is scheduled for Tuesday, January 21, 2020 at 7:00 PM in the Galligan Board Room of the Glen Ellyn Civic Center.
2. A Village Board Meeting is scheduled for Monday, January 27, 2020 at 7:00 PM in the Galligan Board Room of the Glen Ellyn Civic Center.

### **J. Other Business**

*None.*

### **K. Adjournment**

|                  |                                                        |
|------------------|--------------------------------------------------------|
| <b>RESULT:</b>   | <b>APPROVED [6 TO 0]</b>                               |
| <b>SECONDER:</b> | Bill Enright, Mark Senak                               |
| <b>AYES:</b>     | Enright, Fasules, Pryde, Christiansen, Thompson, Senak |
| <b>PRESENT:</b>  | McGinley                                               |

Respectfully Submitted, Lindsey Kaminsky Executive Assistant

Reviewed and Approved, John A. Chereskin Village Clerk



**Glen Ellyn Village Board**  
535 Duane Street  
Glen Ellyn, IL 60137

Meeting: 01/27/20 07:00 PM  
Department: Glen Ellyn Village Board  
Department Head: Lindsey Kaminsky  
Category: Appointment  
Prepared By: Lindsey Kaminsky

**SCHEDULED**

**AGENDA ITEM (ID # 4334)**

DOC ID: 4334

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**Approve the Recommendation of Village President Diane McGinley  
for the Appointment of Capital Improvements Commissioner Joel  
Baldin for a Term Ending May 31, 2023**



Glen Ellyn Village Board  
535 Duane Street  
Glen Ellyn, IL 60137

Meeting: 01/27/20 07:00 PM  
Department: Finance  
Department Head: Christina Coyle  
Category: Ordinance  
Prepared By: Christina Coyle

SCHEDULED

ORDINANCE 6754

DOC ID: 4316

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**Ordinance No. 6754, An Ordinance Directing the Application of Funds From Specified Sources to the Payment of Principal and Interest Upon General Obligation Bonds, Series 2018 (Capital Projects Bonds) for the Fiscal Year 2020 in the amount of \$678,468.76 (Finance Director Coyle)**

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**Background**

At the end of 2018, the Village issued bonds for the parking garage, street and streetscape, and Civic Center improvements. The Village sought to fund these capital improvements through use of reserves as well as a new food and beverage tax rather than through a property tax increase to the Village's taxpayers. Therefore, it is necessary for the Village Board to pass an abatement ordinance for this issue yearly so that property taxes are not levied by the County to pay the annual debt service cost.

The attached proposed abatement ordinance is the second abatement to occur over the 20 year life of the bonds that are set to be paid off in 2039. This abatement ordinance will abate the debt service for property tax levy year 2019 in the amount of \$678,468.76.

**Action Requested**

Adoption of the attached proposed abatement ordinance.

**Ordinance No. 6754****An Ordinance Directing the Application of Funds From Specified Sources to the Payment of Principal and Interest Upon General Obligation Bonds, Series 2018, For the Fiscal Year 2020 in the Amount of \$678,468.76**

**Whereas**, by Ordinance No. 6642, passed November 13, 2018, the Village of Glen Ellyn authorized the issuance of General Obligation Bonds, Series 2018; and

**Whereas**, it has been determined by the Village's Finance Director that funds are available from the Capital Projects Fund to pay the Fiscal Year 2020 debt service of the General Obligation Bonds, Series 2018; and

**Whereas**, the President and Board of Trustees deem it to be in the best interest of the Village of Glen Ellyn to apply the aforesated revenue to the payment of debt service on the General Obligation Bonds, Series 2018 in that said excess revenue may be lawfully used for the payment of principal and interest on said Bonds;

**Now, Therefore, Be it Ordained** by the President and Board of Trustees of the Village of Glen Ellyn, DuPage County, Illinois, in the exercise of its home rule powers, as follows:

**Section One:** The findings of fact and conclusions set forth above are hereby adopted by the President and Board of Trustees as the findings of fact and conclusions of the corporate authorities of the Village of Glen Ellyn.

**Section Two:** Pursuant to the authority of Paragraph 5/8-3-4 of the Illinois Municipal Code (IL. compiled Statutes, Ch. 65, Par. 5/8-3-4), the President and Board of Trustees of the



Village of Glen Ellyn hereby authorize and direct the application of six hundred seventy-eight thousand, four hundred sixty-eight dollars and seventy-six cents (\$678,468.76) from the Capital Projects Fund for payment of the principal and interest accruing on Glen Ellyn General Obligation Bonds, Series 2018, for the Fiscal Year 2020.

**Section Three:** The Village Clerk is hereby authorized and requested to serve a certified copy of this Ordinance upon the DuPage County Clerk to certify that six hundred seventy-eight thousand, four hundred sixty-eight dollars and seventy-six cents (\$678,468.76) is available from the Capital Projects Fund for payment of the principal and interest accruing on Glen Ellyn General Obligation Bonds, Series 2018, for the Fiscal Year 2020.

**Section Four:** The County Clerk is hereby authorized and requested to abate the ad valorem property tax for payment of the principal and interest upon Glen Ellyn General Obligation Bonds, Series 2018, in the amount of \$678,468.76.

**Section Five:** Pursuant to the provisions of Paragraph 5/8-3-4 of the Illinois Municipal Code (IL Compiled Statutes, Ch. 65, Par. 5/8-3-4), the Finance Director is hereby authorized and directed to set apart those funds designated herein for application to the payment of Glen Ellyn General Obligation Bonds, Series 2018, for payment of principal and interest for Fiscal Year 2020 and not disburse that amount for any other purpose until and unless the stated debt service has been paid and discharged.

**Section Six:** This Ordinance shall be in full force and effect upon its passage, approval, and publication in pamphlet form as provided by law.

Ordinance 6754

Meeting of January 27, 2020

**Passed** by the President and Board of Trustees of the Village of Glen Ellyn,  
this \_\_\_\_\_ day of \_\_\_\_\_, 2020.

**Ayes:**

**Nays:**

**Absent:**

**Approved** by the Village President of the Village of Glen Ellyn, Illinois,  
this \_\_\_\_\_ day of \_\_\_\_\_, 2020.

**Attest:**

\_\_\_\_\_  
Village President of the  
Village of Glen Ellyn, Illinois

\_\_\_\_\_  
Village Clerk of the  
Village of Glen Ellyn, Illinois

(Published in pamphlet form and posted on the \_\_\_\_\_ day of \_\_\_\_\_, 2020).

Ordinance 6754

Meeting of January 27, 2020

STATE OF ILLINOIS     )  
  
                                          ) SS  
  
COUNTY OF DUPAGE )

FILING CERTIFICATE

I, the undersigned, do hereby certify that I am the duly qualified and acting County Clerk of The County of DuPage, Illinois, and as such official I do further certify that on the \_\_\_\_ day of \_\_\_\_\_, 2020, there was filed in my office a duly certified copy of Ordinance No. \_\_\_\_\_ entitled:

**An Ordinance Directing the Application of Funds From Specified Sources to the Payment of Principal and Interest Upon General Obligation Bonds, Series 2018, For the Fiscal Year 2020 in the Amount of \$678,468.76**

(as supplemented by the Bond Order executed in connection therewith, the “*Ordinance*”) duly adopted by the Board of Trustees of the Village of Glen Ellyn, DuPage County, Illinois (the “*Village*”), on the \_\_\_\_ day of \_\_\_\_\_, 2020, and that the same has been deposited in the official files and records of my office.

I do further certify that the taxes heretofore levied for the year 2019 for the payment of the Village’s General Obligation Bonds, Series 2018, as described in the Ordinance, will be abated as provided for in the Ordinance.

IN WITNESS WHEREOF I hereunto affix my official signature and the seal of said County this \_\_\_\_ day of \_\_\_\_\_, 2020.

\_\_\_\_\_  
County Clerk

Ordinance 6754

Meeting of January 27, 2020

[SEAL]



Glen Ellyn Village Board  
535 Duane Street  
Glen Ellyn, IL 60137

Meeting: 01/27/20 07:00 PM  
Department: Finance  
Department Head: Christina Coyle  
Category: Ordinance  
Prepared By: Christina Coyle

SCHEDULED

ORDINANCE 6755

DOC ID: 4315

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**Ordinance No. 6755, An Ordinance Directing the Application of Funds From Specified Sources to the Payment of Principal and Interest Upon General Obligation Bonds, Series 2015 (Police Station Bonds) for the Fiscal Year 2020 in the amount of \$956,493.76 (Finance Director Coyle)**

---

**Background**

In 2015, the Village issued bonds to fund construction of a new police facility and for stormwater improvements within the Village. The Village sought to fund these capital improvements through reprioritization of its capital program rather than through a property tax increase to the Village's taxpayers. Therefore, it is necessary for the Village Board to pass an abatement ordinance for this issue yearly so that property taxes are not levied by the County to pay the annual debt service cost.

The attached proposed abatement ordinance is the fifth such abatement to occur over the 20 year life of the bonds that are set to be paid off in 2035. This abatement ordinance will abate the debt service for property tax levy year 2019 in the amount of \$956,493.76.

**Action Requested**

Adoption of the attached proposed abatement ordinance.

**Ordinance No. 6755****An Ordinance Directing the Application of Funds From Specified Sources to the Payment of Principal and Interest Upon General Obligation Bonds, Series 2015, For the Fiscal Year 2020 in the Amount of \$956,493.76**

**Whereas**, by Ordinance No. 6332, passed July 13, 2015, the Village of Glen Ellyn authorized the issuance of General Obligation Bonds, Series 2015; and

**Whereas**, it has been determined by the Village's Finance Director that funds are available from the Capital Projects Fund to pay the Fiscal Year 2020 debt service of the General Obligation Bonds, Series 2015; and

**Whereas**, the President and Board of Trustees deem it to be in the best interest of the Village of Glen Ellyn to apply the aforestated revenue to the payment of debt service on the General Obligation Bonds, Series 2015 in that said excess revenue may be lawfully used for the payment of principal and interest on said Bonds;

**Now, Therefore, Be it Ordained** by the President and Board of Trustees of the Village of Glen Ellyn, DuPage County, Illinois, in the exercise of its home rule powers, as follows:

**Section One:** The findings of fact and conclusions set forth above are hereby adopted by the President and Board of Trustees as the findings of fact and conclusions of the corporate authorities of the Village of Glen Ellyn.

**Section Two:** Pursuant to the authority of Paragraph 5/8-3-4 of the Illinois Municipal Code (IL. compiled Statutes, Ch. 65, Par. 5/8-3-4), the President and Board of Trustees of the

Village of Glen Ellyn hereby authorize and direct the application of nine hundred fifty-six thousand, four hundred ninety-three dollars and seventy-six cents (\$956,493.76) from the Capital Projects Fund for payment of the principal and interest accruing on Glen Ellyn General Obligation Bonds, Series 2015, for the Fiscal Year 2020.

**Section Three:** The Village Clerk is hereby authorized and requested to serve a certified copy of this Ordinance upon the DuPage County Clerk to certify that nine hundred fifty-six thousand, four hundred ninety-three dollars and seventy-six cents (\$956,493.76) is available from the Capital Projects Fund for payment of the principal and interest accruing on Glen Ellyn General Obligation Bonds, Series 2015, for the Fiscal Year 2020.

**Section Four:** The County Clerk is hereby authorized and requested to abate the ad valorem property tax for payment of the principal and interest upon Glen Ellyn General Obligation Bonds, Series 2015, in the amount of \$956,493.76.

**Section Five:** Pursuant to the provisions of Paragraph 5/8-3-4 of the Illinois Municipal Code (IL Compiled Statutes, Ch. 65, Par. 5/8-3-4), the Finance Director is hereby authorized and directed to set apart those funds designated herein for application to the payment of Glen Ellyn General Obligation Bonds, Series 2015, for payment of principal and interest for Fiscal Year 2020 and not disburse that amount for any other purpose until and unless the stated debt service has been paid and discharged.

**Section Six:** This Ordinance shall be in full force and effect upon its passage, approval, and publication in pamphlet form as provided by law.

Ordinance 6755

Meeting of January 27, 2020

**Passed** by the President and Board of Trustees of the Village of Glen Ellyn,  
this \_\_\_\_\_ day of \_\_\_\_\_, 2020.

**Ayes:**

**Nays:**

**Absent:**

**Approved** by the Village President of the Village of Glen Ellyn, Illinois,  
this \_\_\_\_\_ day of \_\_\_\_\_, 2020.

**Attest:**

\_\_\_\_\_  
Village President of the  
Village of Glen Ellyn, Illinois

\_\_\_\_\_  
Village Clerk of the  
Village of Glen Ellyn, Illinois

(Published in pamphlet form and posted on the \_\_\_\_\_ day of \_\_\_\_\_, 2020).



Ordinance 6755

Meeting of January 27, 2020

STATE OF ILLINOIS     )  
  
                                          ) SS  
  
COUNTY OF DUPAGE )

FILING CERTIFICATE

I, the undersigned, do hereby certify that I am the duly qualified and acting County Clerk of The County of DuPage, Illinois, and as such official I do further certify that on the \_\_\_\_ day of \_\_\_\_\_, 2020, there was filed in my office a duly certified copy of Ordinance No. \_\_\_\_\_ entitled:

**An Ordinance Directing the Application of Funds From Specified Sources to the Payment of Principal and Interest Upon General Obligation Bonds, Series 2015, For the Fiscal Year 2020 in the Amount of \$956,493.76**

(as supplemented by the Bond Order executed in connection therewith, the “*Ordinance*”) duly adopted by the Board of Trustees of the Village of Glen Ellyn, DuPage County, Illinois (the “*Village*”), on the \_\_\_\_ day of \_\_\_\_\_, 2020, and that the same has been deposited in the official files and records of my office.

I do further certify that the taxes heretofore levied for the year 2019 for the payment of the Village’s General Obligation Bonds, Series 2015, as described in the Ordinance, will be abated as provided for in the Ordinance.

IN WITNESS WHEREOF I hereunto affix my official signature and the seal of said County this \_\_\_\_ day of \_\_\_\_\_, 2020.

\_\_\_\_\_  
County Clerk

Ordinance 6755

Meeting of January 27, 2020

[SEAL]



Glen Ellyn Village Board  
535 Duane Street  
Glen Ellyn, IL 60137

Meeting: 01/27/20 07:00 PM  
Department: Finance  
Department Head: Christina Coyle  
Category: Ordinance  
Prepared By: Christina Coyle

SCHEDULED

ORDINANCE 6756

DOC ID: 4314

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**Ordinance No. 6756, An Ordinance Directing the Application of Funds From Specified Sources to the Payment of Principal and Interest Upon General Obligation Bonds, Series 2012 (Village Links-Clubhouse Bonds) for the Fiscal Year 2020 in the amount of \$313,827.50 (Finance Director Coyle)**

---

**Background**

There are two outstanding bond issues relating to the Village Links. Both bond issues were secured by the Village's taxing authority, but were planned to be paid with revenues generated from the Village Links golf operations, not through the use of tax dollars.

The first abatement ordinance relates to the 2010 refunding bonds which were issued in November, 2010. These bonds refinanced three previous issues, including the 2003 bonds issued for the Village Links' golf course renovation. The Village will be abating the portion allocated to the 2003 Village Links bonds. The attached proposed abatement ordinance is the eighteenth such abatement to occur over the 20 year life of the Village Links bonds.

The second proposed abatement ordinance relates to the 2012 General Obligation bonds which were issued in November, 2012, to fund the clubhouse and driving range improvements. The attached proposed abatement ordinance is the eighth such abatement to occur over the 20 year life of the 2012 Village Links Bonds.

**Action Requested**

Adoption of the attached proposed abatement ordinances.

**Ordinance No. 6756****An Ordinance Directing the Application of Funds From Specified Sources to the Payment of Principal and Interest Upon General Obligation Bonds, Series 2012, For the Fiscal Year 2020 in the Amount of \$313,827.50**

**Whereas**, by Ordinance No. 6079, passed September 24, 2012, the Village of Glen Ellyn authorized the issuance of General Obligation Bonds, Series 2012; and

**Whereas**, it has been determined by the Village's Finance Director that funds are available from the Village Links/Reserve 22 Fund to pay the Fiscal Year 2020 debt service of the General Obligation Bonds, Series 2012; and

**Whereas**, the President and Board of Trustees deem it to be in the best interest of the Village of Glen Ellyn to apply the aforesated revenue to the payment of debt service on the General Obligation Bonds, Series 2012 in that said excess revenue may be lawfully used for the payment of principal and interest on said Bonds;

**Now, Therefore, Be it Ordained** by the President and Board of Trustees of the Village of Glen Ellyn, DuPage County, Illinois, in the exercise of its home rule powers, as follows:

**Section One:** The findings of fact and conclusions set forth above are hereby adopted by the President and Board of Trustees as the findings of fact and conclusions of the corporate authorities of the Village of Glen Ellyn.

**Section Two:** Pursuant to the authority of Paragraph 5/8-3-4 of the Illinois Municipal Code (IL. compiled Statutes, Ch. 65, Par. 5/8-3-4), the President and Board of Trustees of the

Village of Glen Ellyn hereby authorize and direct the application of three hundred thirteen thousand, eight hundred twenty-seven dollars and fifty cents (\$313,827.50) from the Village Links/Reserve 22 Fund for payment of the principal and interest accruing on Glen Ellyn General Obligation Bonds, Series 2010, for the Fiscal Year 2020.

**Section Three:** The Village Clerk is hereby authorized and requested to serve a certified copy of this Ordinance upon the DuPage County Clerk to certify that three hundred thirteen thousand, eight hundred twenty-seven dollars and fifty cents (\$313,827.50) is available from the Village Links/Reserve 22 Fund for payment of the principal and interest accruing on Glen Ellyn General Obligation Bonds, Series 2012, for the Fiscal Year 2020.

**Section Four:** The County Clerk is hereby authorized and requested to abate the ad valorem property tax for payment of the principal and interest upon Glen Ellyn General Obligation Bonds, Series 2012, in the amount of \$313,827.50.

**Section Five:** Pursuant to the provisions of Paragraph 5/8-3-4 of the Illinois Municipal Code (IL Compiled Statutes, Ch. 65, Par. 5/8-3-4), the Finance Director is hereby authorized and directed to set apart those funds designated herein for application to the payment of Glen Ellyn General Obligation Bonds, Series 2012, for payment of principal and interest for fiscal year 2020 and not disburse that amount for any other purpose until and unless the stated debt service has been paid and discharged.

**Section Six:** This Ordinance shall be in full force and effect upon its passage, approval, and publication in pamphlet form as provided by law.

**Passed** by the President and Board of Trustees of the Village of Glen Ellyn,

Ordinance 6756

Meeting of January 27, 2020

this\_\_\_\_\_day of\_\_\_\_\_, 2020.

**Ayes:**

**Nays:**

**Absent:**

**Approved** by the Village President of the Village of Glen Ellyn, Illinois,  
this\_\_\_\_\_day of\_\_\_\_\_, 2020.

**Attest:**

\_\_\_\_\_  
Village President of the  
Village of Glen Ellyn, Illinois

\_\_\_\_\_  
Village Clerk of the  
Village of Glen Ellyn, Illinois

(Published in pamphlet form and posted on the \_\_\_\_\_day of \_\_\_\_\_, 2020).

Ordinance 6756

Meeting of January 27, 2020

STATE OF ILLINOIS )

) SS

COUNTY OF DUPAGE )

**FILING CERTIFICATE**

I, the undersigned, do hereby certify that I am the duly qualified and acting County Clerk of The County of DuPage, Illinois, and as such official I do further certify that on the \_\_\_\_ day of \_\_\_\_\_, 2020, there was filed in my office a duly certified copy of Ordinance No. \_\_\_\_\_ entitled:

**An Ordinance Directing the Application of Funds From Specified Sources to the Payment of Principal and Interest Upon General Obligation Bonds, Series 2012, For the Fiscal Year 2020 in the Amount of \$313,827.50**

(as supplemented by the Bond Order executed in connection therewith, the “*Ordinance*”) duly adopted by the Board of Trustees of the Village of Glen Ellyn, DuPage County, Illinois (the “*Village*”), on the \_\_\_\_ day of \_\_\_\_\_, 2020, and that the same has been deposited in the official files and records of my office.

I do further certify that the taxes heretofore levied for the year 2019 for the payment of the Village’s General Obligation Bonds, Series 2012, as described in the Ordinance, will be abated as provided for in the Ordinance.

IN WITNESS WHEREOF I hereunto affix my official signature and the seal of said County this \_\_\_\_ day of \_\_\_\_\_, 2020.

---

 County Clerk

Ordinance 6756

Meeting of January 27, 2020

[SEAL]





Glen Ellyn Village Board  
535 Duane Street  
Glen Ellyn, IL 60137

Meeting: 01/27/20 07:00 PM  
Department: Finance  
Department Head: Christina Coyle  
Category: Ordinance  
Prepared By: Christina Coyle

SCHEDULED

ORDINANCE 6757

DOC ID: 4313

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**Ordinance No. 6757, An Ordinance Directing the Application of Funds From Specified Sources to the Payment of Principal and Interest Upon General Obligation Bonds, Series 2010 (Golf Course Bonds) for the Fiscal Year 2019 in the amount of \$343,867.50 (Finance Director Coyle)**

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**Background**

There are two outstanding bond issues relating to the Village Links. Both bond issues were secured by the Village's taxing authority, but were planned to be paid with revenues generated from the Village Links golf operations, not through the use of tax dollars.

The first abatement ordinance relates to the 2010 refunding bonds which were issued in November, 2010. These bonds refinanced three previous issues, including the 2003 bonds issued for the Village Links' golf course renovation. The Village will be abating the portion allocated to the 2003 Village Links bonds. The attached proposed abatement ordinance is the eighteenth such abatement to occur over the 20 year life of the Village Links bonds. These bonds will retire in 2023.

The second proposed abatement ordinance relates to the 2012 General Obligation bonds which were issued in November, 2012, to fund the clubhouse and driving range improvements. The attached proposed abatement ordinance is the eighth such abatement to occur over the 20 year life of the 2012 Village Links Bonds.

**Action Requested**

Adoption of the attached proposed abatement ordinances.

**Ordinance No. 6757****An Ordinance Directing the Application of Funds From Specified Sources to the Payment of Principal and Interest Upon General Obligation Bonds, Series 2010 For the Fiscal Year 2020 in the Amount of \$343,867.50**

**Whereas**, by Ordinance No. 5889, passed October 11, 2010, the Village of Glen Ellyn authorized the issuance of General Obligation Refunding Bonds, Series 2010 which refinanced General Obligation Refunding Bonds, Series 2002BQ (Village infrastructure improvements), General Obligation Refunding Bonds, 2002NBQ (Library Construction) and General Obligation Bonds, Series 2003 (renovation projects at the Village Links Golf Course); and

**Whereas**, it has been determined by the Village's Finance Director that funds are available from the Village Links/Reserve 22 Fund to pay that portion of the Fiscal Year 2020 (January 1, 2020 through December 31, 2020) debt service of the General Obligation Refunding Bonds, Series 2010 which is allocated to the refunding of the General Obligation Bonds, Series 2003; and

**Whereas**, the President and Board of Trustees deem it to be in the best interest of the Village of Glen Ellyn to apply the aforesated revenue to the payment of debt service on the General Obligation Refunding Bonds, Series 2010 in that said excess revenue may be lawfully used for the payment of principal and interest on said Bonds;

**Now, Therefore, Be it Ordained** by the President and Board of Trustees of the Village of Glen Ellyn, DuPage County, Illinois, in the exercise of its home rule powers, as follows:

**Section One:** The findings of fact and conclusions set forth above are hereby adopted by

the President and Board of Trustees as the findings of fact and conclusions of the corporate authorities of the Village of Glen Ellyn.

**Section Two:** Pursuant to the authority of Paragraph 5/8-3-4 of the Illinois Municipal Code (IL. compiled Statutes, Ch. 65, Par. 5/8-3-4), the President and Board of Trustees of the Village of Glen Ellyn hereby authorize and direct the application of three hundred forty-three thousand, eight hundred sixty-seven dollars and fifty cents (\$343,867.50) from the Village Links/Reserve 22 Fund for payment of the principal and interest accruing on Glen Ellyn General Obligation Refunding Bonds, Series 2010, for the Fiscal Year 2020 (January 1, 2020 through December 31, 2020).

**Section Three:** The Village Clerk is hereby authorized and requested to serve a certified copy of this Ordinance upon the DuPage County Clerk to certify that three hundred forty-three thousand, eight hundred sixty-seven dollars and fifty cents (\$343,867.50) is available from the Village Links/Reserve 22 Fund for payment of the principal and interest accruing on Glen Ellyn General Obligation Refunding Bonds, Series 2010, for the Fiscal Year 2020 (January 1, 2020 through December 31, 2020).

**Section Four:** The County Clerk is hereby authorized and requested to abate the ad valorem property tax for payment of the principal and interest upon Glen Ellyn General Obligation Refunding Bonds, Series 2010, in the amount of \$343,867.50.

**Section Five:** Pursuant to the provisions of Paragraph 5/8-3-4 of the Illinois Municipal Code (IL Compiled Statutes, Ch. 65, Par. 5/8-3-4), the Finance Director is hereby authorized and directed to set apart those funds designated herein for application to the payment of Glen Ellyn

Ordinance 6757

Meeting of January 27, 2020

General Obligation Refunding Bonds, Series 2010, for payment of principal and interest for Fiscal Year 2020 (January 1, 2020 through December 31, 2020) and not disburse that amount for any other purpose until and unless the stated debt service has been paid and discharged.

**Section Six:** This Ordinance shall be in full force and effect upon its passage, approval, and publication in pamphlet form as provided by law.

**Passed** by the President and Board of Trustees of the Village of Glen Ellyn, this \_\_\_\_\_ day of \_\_\_\_\_, 2020.

**Ayes:**

**Nays:**

**Absent:**

**Approved** by the Village President of the Village of Glen Ellyn, Illinois, this \_\_\_\_\_ day of \_\_\_\_\_, 2020.

**Attest:**

\_\_\_\_\_  
Village President of the  
Village of Glen Ellyn, Illinois

\_\_\_\_\_  
Village Clerk of the  
Village of Glen Ellyn, Illinois

(Published in pamphlet form and posted on the \_\_\_\_\_ day of \_\_\_\_\_, 2020).

Ordinance 6757

Meeting of January 27, 2020

STATE OF ILLINOIS )

) SS

COUNTY OF DUPAGE )

**FILING CERTIFICATE**

I, the undersigned, do hereby certify that I am the duly qualified and acting County Clerk of The County of DuPage, Illinois, and as such official I do further certify that on the \_\_\_\_ day of \_\_\_\_\_, 2020, there was filed in my office a duly certified copy of Ordinance No. \_\_\_\_\_ entitled:

**An Ordinance Directing the Application of Funds From Specified Sources to the Payment of Principal and Interest Upon General Obligation Refunding Bonds, Series 2010, For the Fiscal Year 2020 in the Amount of \$343,867.50**

(as supplemented by the Bond Order executed in connection therewith, the “*Ordinance*”) duly adopted by the Board of Trustees of the Village of Glen Ellyn, DuPage County, Illinois (the “*Village*”), on the \_\_\_\_ day of \_\_\_\_\_, 2020, and that the same has been deposited in the official files and records of my office.

I do further certify that the taxes heretofore levied for the year 2019 for the payment of the Village’s General Obligation Bonds, Series 2010, as described in the Ordinance, will be abated as provided for in the Ordinance.

IN WITNESS WHEREOF I hereunto affix my official signature and the seal of said County this \_\_\_\_ day of \_\_\_\_\_, 2020.

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 County Clerk

Ordinance 6757

Meeting of January 27, 2020

[SEAL]



Glen Ellyn Village Board  
535 Duane Street  
Glen Ellyn, IL 60137

Meeting: 01/27/20 07:00 PM  
Department: Finance  
Department Head: Christina Coyle  
Category: Ordinance  
Prepared By: Christina Coyle

SCHEDULED

ORDINANCE 6758

DOC ID: 4312

**Ordinance No. 6758, An Ordinance Partially Abating the Tax Hereto Levied for the Fiscal Year 2020 to Pay the Principal and Interest on the General Obligation Bonds, Taxable Series 2010 (Build America Bonds - Direct Payment) (Library Bonds) in the amount of \$7,430.96 (Finance Director Coyle)**

**Background**

In December, 2009 the Village issued \$3 million in General Obligation bonds on behalf of the Glen Ellyn Public Library to assist with the completion of a number of building renovation projects.

These bonds are taxable Build America Bonds, one of the characteristics of which includes a rebate to the issuer (Village/Library) of 35% of interest costs on the bonds. This rebate requires completion of a rebate form to the IRS for each semi-annual interest payment. Interest rebates may or may not be received prior to the required interest payment dates on the bonds. Because of this, the annual property tax levy includes the gross interest payment cost (before rebates) for the protection and security of bondholders.

As the receipt of these rebates was included in the net cost to Village taxpayers, we need to adopt an annual abatement ordinance to cancel or remove the anticipated rebates from the tax rolls. As a result of the federal budget sequestration that began in 2013, the subsidies for Build America Bonds will continue to be reduced through at least 2024. For 2020, subsidies for the Build America Bonds will be reduced by 5.9%. After this reduction is applied, the abatement related to the Build America Bond rebate is \$7,430.96. This is the last year of payments for these bonds.

**Action Requested**

Adoption of the attached proposed abatement.

**ORDINANCE NO. 6758****An Ordinance Partially Abating the Tax Hereto Levied for the Fiscal Year 2020 to Pay the Principal of and Interest on the General Obligation Bonds, Taxable Series 2010 (Build America Bonds - Direct Payment), in the amount of \$7,430.96**

**Whereas** the President and Board of Trustees (the “Board”) of the Village of Glen Ellyn, DuPage County, Illinois (the “Village”), by Ordinance Number 5821, adopted on the 23rd day of November, 2009 (as supplemented by the Bond Order executed in connection therewith, the “Ordinance”), did provide for the issue of \$3,000,000 General Obligation Bonds, Taxable Series 2010 (Build America Bonds - Direct Payment) (the “Bonds”), and the levy of a direct annual tax sufficient to pay the principal of and interest on the Bonds; and

**Whereas** lawfully available funds of the Village in the amount of \$7,430.96 have been deposited to the Bond Fund (as defined in the Ordinance), to be used solely for the purpose of paying the debt service on the outstanding Bonds due and payable in the next succeeding bond year (July 1 of the current year and January 1 of the following calendar year); and

**Whereas** it is necessary and in the best interests of the Village that \$7,430.96 of the tax heretofore levied for the year 2019 to pay the principal of and interest on the Bonds be abated;

**Now, Therefore, Be it Ordained** by the President and Board of Trustees of the Village of Glen Ellyn, DuPage County, Illinois, in the exercise of its home rule powers, as follows:

**Section One:** *Abatement of Tax.* The tax heretofore levied for the year 2019 in the amount of \$497,562.50 is hereby abated by the amount of \$7,430.96, leaving a remaining tax to be levied for the year 2019 for the payment of the Bonds in the amount of \$490,131.54.

**Section Two:** *Filing of Ordinance.* Forthwith upon the adoption of this ordinance, the Village



Ordinance 6758

Meeting of January 27, 2020

Clerk shall file a certified copy hereof with The County of DuPage, Illinois, and it shall be the duty of said County Clerk to abate said tax levied for the year 2019 in accordance with the provisions hereof.

**Section Three:** *Effective Date.* This ordinance shall be in full force and effect forthwith upon its passage by the Board and signing and approval by the President.

**Passed** by the President and Board of Trustees of the Village of Glen Ellyn, this \_\_\_\_\_ day of \_\_\_\_\_, 2020.

**Ayes:**

**Nays:**

**Absent:**

**Approved** by the Village President of the Village of Glen Ellyn, Illinois, this \_\_\_\_\_ day of \_\_\_\_\_, 2020.

**Attest:**

\_\_\_\_\_  
Village President of the  
Village of Glen Ellyn, Illinois

\_\_\_\_\_  
Village Clerk of the  
Village of Glen Ellyn, Illinois

(Published in pamphlet form and posted on the \_\_\_\_\_ day of \_\_\_\_\_, 2020).

Ordinance 6758

Meeting of January 27, 2020

STATE OF ILLINOIS )

) SS

COUNTY OF DUPAGE )

**FILING CERTIFICATE**

I, the undersigned, do hereby certify that I am the duly qualified and acting County Clerk of The County of DuPage, Illinois, and as such official I do further certify that on the \_\_\_\_ day of \_\_\_\_\_, 2020, there was filed in my office a duly certified copy of Ordinance No. \_\_\_\_\_ entitled:

**An Ordinance Partially Abating the Tax Hereto Levied for the Fiscal Year 2020 to Pay the Principal of and Interest on the General Obligation Bonds, Taxable Series 2010 (Build America Bonds - Direct Payment), in the amount of \$7,430.96**

(as supplemented by the Bond Order executed in connection therewith, the “*Ordinance*”) duly adopted by the Board of Trustees of the Village of Glen Ellyn, DuPage County, Illinois (the “*Village*”), on the \_\_\_\_ day of \_\_\_\_\_, 2020, and that the same has been deposited in the official files and records of my office.

I do further certify that the taxes heretofore levied for the year 2019 for the payment of the Village’s General Obligation Bonds, Taxable Series 2010 (Build America Bonds - Direct Payment), as described in the Ordinance, will be partially abated as provided for in the Ordinance.

IN WITNESS WHEREOF I hereunto affix my official signature and the seal of said County this \_\_\_\_ day of \_\_\_\_\_, 2020.

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County Clerk

Ordinance 6758

Meeting of January 27, 2020

[SEAL]



Glen Ellyn Village Board  
535 Duane Street  
Glen Ellyn, IL 60137

Meeting: 01/27/20 07:00 PM  
Department: Public Works  
Department Head: Julius Hansen  
Category: Contract  
Prepared By: John Hubsby

SCHEDULED

AGENDA ITEM (ID # 4338)

DOC ID: 4338

**Motion to Authorize the Village Manager to Execute a Contract with Donohue & Associates of Chicago, IL, in an Amount of \$34,380 for Engineering Design Fees for a Water Interconnect with Illinois American to be Expensed to the Water & Sewer Fund and to Execute One or More Contract Change Orders for Additional Work with Donohue & Associates of Chicago, IL in an Amount Not to Exceed \$5,000, for Engineering Design Fees for a Water Interconnect with Illinois American to be Expensed to the Water & Sewer Fund (Public Works Director Hansen)**

**SUMMARY**

Construction of a potable water system interconnection between the Village of Glen Ellyn and Illinois American Water Company (ILAWC) along Butterfield Road between Lambert and Park would distinctly upgrade operating reliability for both utilities by providing an alternative supply source to currently single feed pipe networks. Based on a proposal review process, a consultant has been selected for design services with ILAWC as the contracting agency. The Village portion of design costs is estimated to be \$39,380 (including \$5,000 contingency). An inter-agency agreement will be developed to memorialize operating and cost parameters for the project, modeled on ILAWC agreements for other recent interconnections. Engineering design would begin in February 2020. Approval for the costs of the actual construction and engineering oversight would be brought to the Board for review and discussion at a later date.

**BACKGROUND**

A trademark of a well-designed and reliable potable water distribution system is a continuous supply to most customers, even when parts of the network are under repair due to water main breaks. Typically this is achieved by building looped pipe networks with sufficient valves to minimize the size of outages and providing multiple pathways to feed water to any point in the system. Good practice is to avoid, as much as possible, single feed - or branch - systems.

The Village of Glen Ellyn water distribution system is made up of over 110 miles of pipes, most of which are looped to provide for multiple pathways of water flow. One sizable exception to this is the pipe system on South Park Boulevard beginning at South Ellyn and Buena Vista and running south to Butterfield Road. The attached distribution system excerpt depicts this un-looped system segment, highlighted in blue, totaling over 3.5 miles of water main. Customers along this single 12-inch feeder main, originally built in the early 1970's to serve Glenbard South High School, now include Willowbrook Wildlife Haven, St. James Church and School, Arden Courts and Maple Glen memory care facilities, The Village Theatre, School District 89 Administration building, O'Carroll and Associates Podiatry office (22W654 Butterfield), numerous incorporated properties along South

Park and Glen Park, and a majority of residents in the Arboretum Estates East Subdivision. With this current system configuration, a water main break near Willowbrook would result in loss of water to all the locations mentioned above during a shut-down to repair the pipe.

It has been a long-term goal of Public Works to provide a second water feed into this area by creating a connection to the existing pipe terminus on Butterfield Road, now at the west end of the O'Carroll property. It was previously envisioned this likely would be accomplished by constructing a water main, starting at the south end of the College of DuPage system and running south through Arboretum Estates West (as an integral part of the subdivision pipe network) and then through the Glenbard South property west of the school buildings to Butterfield Road, and then east as necessary. This effort would involve the construction of about 4,400 feet of new main and require easement negotiations with COD, at least two private property owners and District 87 - a very challenging project.

Nearly three years ago, Utilities Superintendent John Hubsy contacted representatives of Illinois American Water Company to discuss the possibility of an emergency interconnection between the two water systems. ILAWC operates the water and sewer facilities in various unincorporated areas of Glen Ellyn, with a number of those areas to the south. Originally, Public Works was interested in an interconnect of the water systems by the entrance to Glenbard South from Park Blvd., as a quick and simple solution. Discussion of this idea showed that this location did not provide any additional benefit to Illinois American, as that area east of Park Blvd. already was served by multiple connections. For Glen Ellyn, this provided a secondary feed to a large portion of this area of concern but would not have provided any redundancy south of the interconnect, leaving the two assisted living facilities, the doctor's office and a few other high profile locations still being fed by a single source.

As the two sides continued to discuss the potential project, Illinois American expressed their desire to have a second connection for the Foxcroft Subdivision on both sides of Lambert Road between COD and Butterfield Road. The Foxcroft water system is fed by a single feed main located on the south side of Butterfield Road and shares the same vulnerabilities as our South Park feeder main. A potential connection on Butterfield, at the west end of the existing water main for the Village was discussed. Such a connection would provide maximum benefits to both parties and potentially provided a project where the costs would also be similar for the work performed. The two parties expressed mutual interest in further exploring the interconnection concept.

In 2019, discussions between the two parties resumed with a feasible plan taking shape. ILAWC has reached an agreement with St. Luke Lutheran Church at 23W080 Butterfield to extend a water main from the east end of the Foxcroft Subdivision through church property and to site a valve and meter control station. The Village would connect to these new facilities as shown in the attached project vicinity map, extending an 8-inch water main across the Butterfield Road frontage of Glenbard South, but within the right-of-way of the roadway which is under the jurisdiction of the Illinois Department of Transportation. Once in operation, the control station would allow metered water to automatically pass in either direction if a sizable pressure drop was experienced by one of the parties - say due a large water main break. The interconnect would also allow segments of the Village's system to be shut down for routine work like a valve or hydrant replacement, minimizing

affected customers to those within the valves operated. ILAWC has constructed multiple interconnections over the past few years and would own and operate the station.

### **VILLAGE CONSIDERATIONS**

- § Village technical staff supports the emergency interconnection with ILAWC as a straightforward and timely method to achieve greater system reliability in an area of the Village with significant water customers. This has been a long wished-for system improvement for the operations and engineering teams at Public Works.
- § The proposed interconnect would provide an effective means of reinforcement for the South Park Boulevard feeder main system and, as envisioned, can be constructed without obtaining a permanent easement on the Glenbard South High School property.
- § There is increasing emphasis by public health officials on maintaining safe water quality in distribution systems, typically as measured by chlorine residual. Dead end portions of un-looped pipe networks are more prone to reduced chlorine concentrations. Improved water quality at the very south end of our system will be a design consideration in the proposed project, with various strategies assessed during design.
- § If the interconnect with ILAWC is constructed, a new second feed pipe connecting to the COD system would only have to extend into the Arboretum Estates West subdivision without extension south of Ahlstrand Road.
- § Estimated cost of the Village portion of the project, consisting of about 950 ft. of new water main in the right-of-way of Butterfield Road, is \$410,000 including \$350,000 for construction and \$60,000 for design and construction engineering services.
- § The proposed project is not included in the FY-20 Water and Sanitary Sewer Budget. Sufficient dollars are available in the fund at this time to support the project.
- § A formal operating agreement will need to be developed and approved by the Village and ILAWC. Based on recent similar agreements between ILAWC and other entities, the basic form for such an agreement is already established and vetted.

### **DESIGN ENGINEERING PROPOSALS AND EVALUATION**

Both parties wish to pursue this concept and seek joint project engineering. ILAWC developed a Request for Proposal for design services which was reviewed and revised in detail by the Village. The finalized version of the RFP is attached to this memorandum. The RFP was distributed to three engineering firms recommended by ILAWC and acceptable to the Village. Proposals have been received from the three firms and reviewed by the parties. It was agreed Donohue and Associates of Chicago provided the most cost-effective proposal and is the consultant of choice. Please note the following:

- § The three engineering companies receiving the RFP were AECOM, Donohue, and Strand.
- § All three companies are qualified firms, with the proposals of Donohue and Strand the most complete and compelling.

- § Design fees for the work were provided by each firm, broken down between ILAWC and VGE project components:
  - AECOM: ILAWC @ \$65,732; VGE @ \$41,088
  - **Donohue: ILAWC @ \$45,610; VGE @ \$34,380**
  - Strand: ILAWC @ \$56,500; VGE @ \$43,400
- § ILAWC will be the lead agency for the project, with the Village to be billed for their share of the project costs.
- § The Project Schedule calls for design engineering services to be completed by the end of summer 2020, with construction in the latter part of the year.

### **Budget Impact**

The proposed project is not budgeted for in FY20 but looping of the system in this area has been a long-term goal for the distribution system. Current levels in the Water & Sewer Fund would support the cost of the entire project. Additionally, this project now would reduce costs in the future if water was to be provided to the Arboretum West subdivision. The section through the Glenbard South property would be ~1,800', to connect to the same end point on Butterfield. This portion could be eliminated, simply bring the water out to S. Park at Ahlstrand, meaning this project reduces the amount of piping by about half to provide the same benefits and in the very near future.

As this project is not budgeted for, there would be an effect on the current 5 year CIP. There is a slight deficit in the current 5 year CIP without this project. Staff is already looking at having a rate study for water and sewer performed that would help addresses some of the capital funding needs, especially with the general downward trend in yearly water usage. There would also be the ability to shift around other future projects to allow for this emergency interconnection to be installed now.

### **Strategic Plan Initiative**

This item supports the Village of Glen Ellyn Strategic Initiative Issue:

Strategic Issue I: INFRASTRUCTURE. Invest in infrastructure to meet key needs, including downtown accessibility, Village facilities, utilities and technology improvement.

### **RECOMMENDATIONS / ACTIONS**

Public Works staff recommends the Village Board of Trustees make and approve the following motions at the January 27, 2020 Village Board Meeting:

1. Motion to authorize the Village Manager to execute a contract with Donohue & Associates of Chicago, IL, in an amount of \$34,380 for design engineering services for a water interconnect with Illinois American Water to be expensed to the Water & Sewer Fund.
2. Motion to authorize the Village manager to execute one or more contract change orders for additional work with Donohue & Associates of Chicago, IL, in an amount not to exceed \$5,000 for a water interconnect with Illinois American Water to be expensed to the Water & Sewer Fund.

Attachments:

- ILAW - VGE Interconnect System Map Excerpt
- ILAW - VGE Interconnect Vicinity Map
- RFP Glen Ellyn Interconnect Design
- Donohue - ILAW&VGE Interconnect Design Proposal
- ILAWC - VGE Interconnect - Preliminary Construction Cost Estimate for VGE Main Extension

**ATTACHMENTS:**

- ILAWC - VGE Interconnect System Map Excerpt (PDF)
- ILAWC - VGE Interconnect Vicinity Map (PDF)
- RFP Glen Ellyn Interconnect Design (PDF)
- Donohue - ILAW&VGE Interconnect Design Proposal (PDF)
- ILAWC-VGE Interconnect - Preliminary Construction Cost Estimate for VGE Main Extension (PDF)

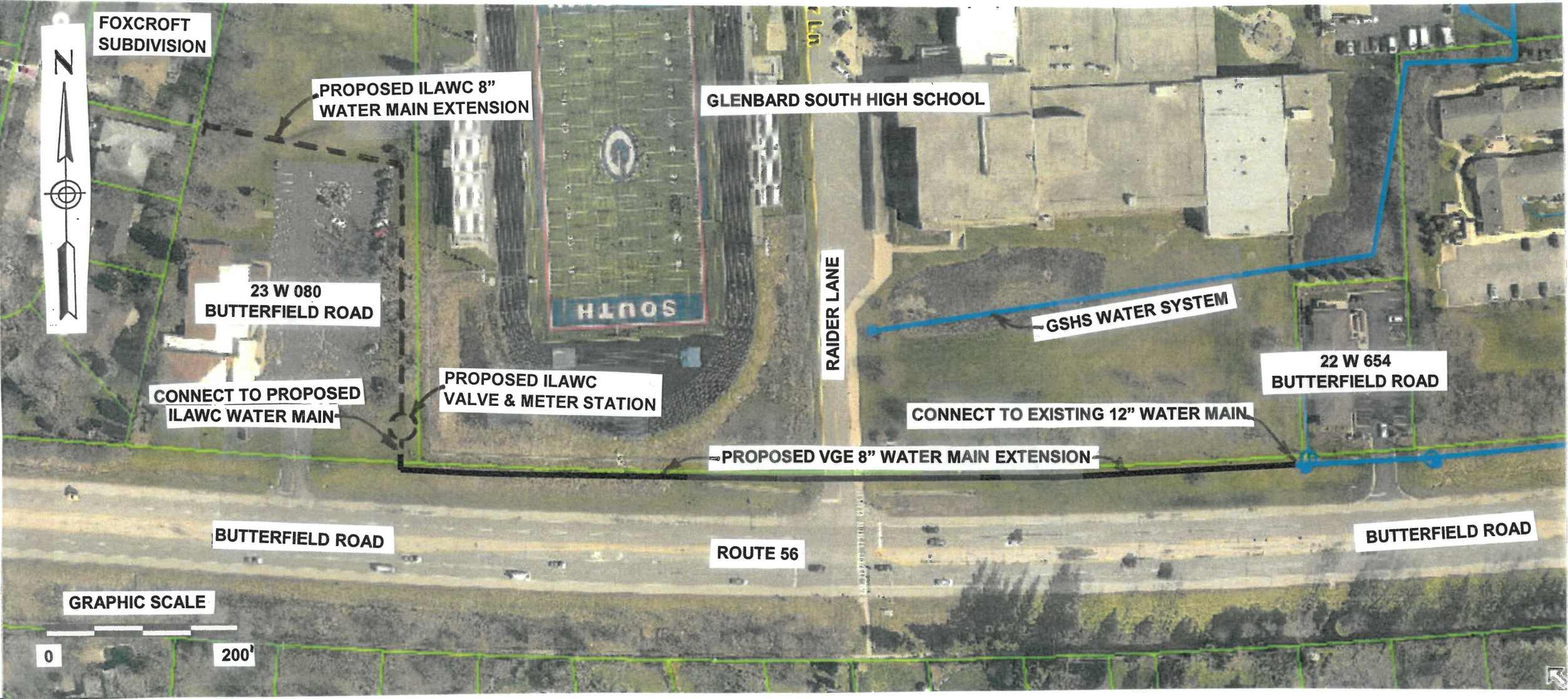


## Existing Water Distribution System Configurations Near Park and Butterfield





# ILAWC – GLEN ELLYN EMERGENCY INTERCONNECT



Vicinity Map





## **Request for Proposal – Engineering Design Services**

**Project Name: ILAWC – Glen Ellyn Emergency Interconnect**

**ILAWC District: Chicago Metro – Valley View Service Area**

**Location: Glen Ellyn, Illinois**

### **PROJECT BACKGROUND**

Illinois American Water Company (ILAWC) and the Village of Glen Ellyn (VGE and jointly, Parties) are planning to establish an interconnection between their water systems near 23 W 080 Butterfield Road, Glen Ellyn, Illinois 60137 (Project) for the mutual benefit of the Parties, and wish to share the costs involved in designing the Project as set forth herein. The Parties are requesting a proposal to provide professional engineering services for the design and permitting for the Project, with ILAWC acting as the contracting agency. This request for proposal is for one combined Project with a specific scope of work and individual costs for each agency as generally outlined below.

#### **ILAWC Project Scope:**

The ILAWC portion of the Project consists of the installation of 600 LF of 8-inch water main. This water main will be located on the north and east property lines along the property at 23 W 080 Route 56 Glen Ellyn, IL 60137 (in unincorporated Glen Ellyn). The extent of the water main improvements for ILAW will conclude at the east property line.

Included within this property will be an EFI prefabricated Valve and Meter Station. Coordination, design and submittal review, and scheduling with EFI are to be included in the Engineer's scope of services.

Illinois American Water Engineering assigned Eric LaReau as the project manager. He will be your primary contact for all coordination throughout the design phase of the Project.

#### **VGE Project Scope:**

The Village portion of the Project consists of the installation of approximately 950 LF of 8-inch water main on the north side of the IL Route 56 (Butterfield Road) right-of-way across the frontage of Glenbard South High School. The proposed main will connect to the new ILAWC main near the east property line of 23 W 080 Butterfield Road and connect to an existing Village 12-inch main at the west side of 22 W 654 Butterfield Road. It is anticipated the Village main will be installed exclusively via horizontal directional drilling.

Utilities Superintendent John Hubsky will be the primary Village of Glen Ellyn contact for the Project.

### **SCOPE OF SERVICES**

A combined lump sum proposal identifying costs specific to each Party for Project design shall include the following services:

**Task 1 – Land Survey and Base Plan Preparation**

Perform a topographic survey of the proposed project site and R.O.W. as necessary to prepare design drawings required for construction, permitting, and bidding of the proposed work. As a minimum, property and R.O.W. lines, topographic information, and locations of existing structures in the Project area are to be included.

- Provide information pertaining to the properties impacted by construction. This should include property owner information (property owner, address, etc.);
- Prepare topographic survey to include all visible surface features inside and within 25' of the anticipated Project limits including significant structures and landscaping;
- Obtain invert elevations on all manholes/vault structures within the survey limits;
- Obtain record drawing and facility location information from all agencies, property owners, utilities and other possible occupants or users in and near the Project area;
- Obtain location of JULIE field marked underground utility locations; ILAWC and VGE shall field mark the location of its water main and sewer facilities within the Project limits prior to conducting the survey.
- See attachment "ILAWC GIS Requirements", which must be followed throughout the design and construction of the Project. Project shall be surveyed as to provide each of the required as-built deliverables at the Project's conclusion.

**Task 2 – Geotechnical Report**

Obtain necessary permits and perform a Geotechnical Study on the Project site including the required Clean Construction and Demolition Debris (CCDD) evaluation and certification for any uncontaminated construction material that will need to be disposed of off-site. Complete the appropriate pre-construction permit application forms for material disposal. This information will be included in the contract documents for bidding purposes. In addition to investigating typical geotechnical parameters, the soil borings are required to assess the feasibility of trenchless boring. Borings are required at roughly 300 LF intervals along the proposed pipe alignments. Provide a boring at the anticipated location of the Valve and Meter Station.

**Task 3 – Permitting**

Determine all local, county, state, or federal permits required for the Project. Prepare all necessary permit applications and provide technical input required in securing the permits. Permit applications and fees will be formally submitted and paid for by ILAWC. Anticipated permits include Illinois EPA Public Water Supply Construction Permit (applications as needed for both ILAWC and VGE), local / county building and Illinois Department of Transportation R.O.W. work permits, and an Illinois EPA NPDES for Construction Activity. Verify if there are any special management areas in proximity to the Project and any associated permits.

**Task 4 – Design**

Develop and/or confirm all hydraulic design and operating parameters for the interconnection and document this information and data in a letter report.

Prepare a complete set of design drawings for all engineering disciplines with an adequate level of detail to allow for construction by a General Contractor and acceptable to all likely permitting agencies. These drawings require the signature and seal of a licensed professional engineer in the State of Illinois.

- Drawings shall ordinarily be drawn at 1"=20' scale plan view and 1"=5' scale profile view.

- Consultant will use most current version of AutoCAD for Windows. Drawings created in an alternative CAD program such as MicroStation, and converted to AutoCAD format will not be accepted.
- Consultant shall prepare technical details utilizing ILAWC standard pipeline details supplemented with VGE details as necessary. The consultant shall include any additional details not included in ILAWC or VGE standards, but required for the Project.
- Available as-built information will be supplied to the selected consultant for use in preparation of the design drawings. This information may not be accurate and should be verified by the consultant.
- At a minimum, Drawings should include:
  - Cover Sheet with area maps
  - Overview of entire Project area (includes only valves, hydrants, main)
  - Schedule of Quantities (ILAWC, VGE and Total Project)
  - General Notes and List of Standards
  - Alignments, Ties and Benchmarks
  - Plan and Profile
  - Removal/Demolition
  - Technical Details
  - Traffic Control
  - Construction Layout / Staging
  - SWPP
- Submit plans to the utility companies and coordinate any design revisions to mitigate conflicts, or work with the utilities to facilitate necessary relocation work.

#### **Task 5 – Specifications**

Prepare technical specifications utilizing and modifying standard ILAWC and VGE pipeline specifications to include all items applicable to the Project. The selected consultant will be provided with ILAWC template boiler plate and technical specifications sections and appropriate VGE supplemental specifications. These specifications provided are not all-inclusive and may require additional specifications to be written by the consultant if additional specifications are needed.

#### **Task 6 – Cost Estimate**

Prepare an Engineer's Estimate of Probably Construction Costs with separate Project items, quantities and costs for the ILAWC and VGE portions of the Project. This should include all construction items and be submitted with the 60% and 95% level design drawings. ILAWC and VGE will use these cost estimates to evaluate Project scope, costs and budgets.

#### **Task 7 – Meetings and Design Review**

Prepare, record, and submit all meeting agendas and minutes. Periodic meetings with the Parties will be held at the ILAWC's Woodridge office. Certain meetings may not be conducted if it is determined a sit-down design review is not needed.

It is anticipated that four meetings will be held:

- Initial project meeting
- Alignment review and letter report establishing hydraulic parameters – 30% design review
- Initial cost estimate and IDOT permit status reviews – 60% design review
- Pre-final -- 95% design review

**Task 8 – Schedule**

Below is the anticipated schedule which notes the milestone events and is subject to change after initial kick-off meeting with the Parties:

| <b><u>Date</u></b>             | <b><u>Activity</u></b>                      |
|--------------------------------|---------------------------------------------|
| Thursday, October 31, 2019     | Proposals Due                               |
| January 2020                   | Project Kick-off Meeting with Selected Firm |
| January 2020 – July 2020       | Plan and Specification Preparation          |
| June 2020 – July 2020          | Permit Review Process                       |
| August 2020                    | Bid and Award Project                       |
| September 2020 – December 2020 | Construction                                |

If this schedule cannot be met, please modify and provide justification in your proposal.

**Task 9 – Bidding Assistance**

Provide bidding assistance, which will include preparing the bid notice documents, submitting electronic sets of plans and specifications to contractors, answering contractor questions, preparing bid addenda, reviewing bids and recommending a contractor to the Parties. ILAWC will perform the bid opening privately without the consultant.

- The Parties will select which contractors for the consultant to submit bid packages to. The consultant will also submit two paper copies and one electronic copy of the bid drawings and specifications to ILAWC and VGE.
- Consultant will be required to respond to contractors' or potential material suppliers' questions and prepare addenda as required to document design changes or clarifications. Addenda requiring revisions to the technical specifications shall be prepared by direct revision of the specification and reissuance of the effected pages. Each revised page shall have the following header: "Revised Per Addendum No. \_\_", and the specific additions and/or deletions shall be highlighted using the revision marking capabilities of Microsoft Word and submitted electronically.
- The Parties do not anticipate holding a pre-bid meeting. If one is deemed necessary, consultant's contract can be modified to include one.

**Task 10- Contract Document Creation**

Provide conformed contracts to be sent to the awarded contractor. The consultant will be provided with ILAWC's template contract documents to be modified to the specific project and contractor. The contract will follow the following ILAWC procedures for approval and disbursement:

- Consultant modifies contract
- Consultant forwards electronic version of contract to ILAWC for legal/finance approval
- ILAWC approves contract
- Consultant issues five copies of contract to selected contractor for signature
- Contractor forwards all copies for ILAWC's signature
- ILAWC signs and disburses two copies to VGE, one copy to contractor and one to consultant.

**Task 11 – Construction Administration and Observation**

Construction services for the Project are not being sought at this time. The Parties may elect to amend the successful consultant's design contract or seek these services at a later date.

### **DIVERSITY PARTICIPATION OF SUBCONSULTANTS**

Illinois American Water Company has implemented a policy of obtaining at least 25% diversity spending on our purchases of services across the state. On all work, diversity spending is a major criteria when selecting an engineering firm. Consultants should make an honest effort to achieve the **diversity goal amounting to 25% of the Contract Price** with business partners who are certified for this purpose. A diverse/minority supplier is a business which is at least 51% owned, operated and controlled on a daily basis by one or more (in combination) American citizens of ethnic minority classifications, women, veteran, or disabled veteran.

Furthermore, it is ILAWC's desire that a **diversity goal amounting to at least 10% of the contract price** be directed to qualified Minority Business Enterprise (MBE) Subcontractors, including African American, Asian Pacific, Hispanic, or Native American owned businesses. This focused 10% MBE diversity goal shall count toward the overall 25% diversity goal referenced in the previous paragraph.

Consultants shall include in their proposal a list of the diverse participants and their total anticipated project spend on the attached Supplier Diversity Questionnaire.

Questions relating to this initiative can be sent to me or to our purchasing agent Chrystal Schneider at (618) 355-4885 or Chrystal.Schneider@amwater.com.

### **PROPOSAL CONTENT**

Proposals shall including the following information separated into tabbed sections as follows:

- Cover Letter – Provide a brief cover letter expressing interest in providing the services in connection with the proposed Project and summarizing the key points of the Proposal.
- Firm Information -- Provide the name, address, and contact information for all firms involved in the Project. Describe the proposed role for each firm in the Project.
- Project Staffing – List personnel who will be directly involved with the project and their experience with similar type and size projects. Include resumes with a maximum of two pages per staff member.
- Project Understanding and Approach – Describe key points, controlling factors, possible issues, observations and recommendations for successful implementation of the Project. Discuss the firm's qualifications and capabilities to achieve Project success.
- Scope of Services/Tasks – Indicate a detailed recommended scope of services and suggested tasks the Parties should consider to meet the goals of this Project. This shall include, but is not limited to, the tasks listed in this RFP. Identify information required from the Parties in order to perform the necessary engineering studies and design for the Project.
- Schedule – Provide a recommended Schedule with Preliminary, 60% Design Review, Pre-Final and Final Deliverable Dates Specified. Discuss any deviations to the Project Schedule shown above.
- References – List at least three references for each consultant and sub-consultant.
- Project Portfolio – Summarize at least five projects of related scope and magnitude completed by the firm within the past 5 years.
- Additional Information – Include any other information pertinent to describing your team's capabilities and qualifications.
- Lump Sum Price – Provide a lump sum price including personnel, direct and sub-consultant expenses, identifying costs specific to each Partner.

**PROPOSAL REQUIREMENTS**

Any other item of work not covered in the RFP, but necessary for the completion of the Project shall be included in the cost proposal for the items to which the work pertains; including cost itemization of deliverables and reimbursable expenses including: prints, mileage, mailings, etc. Except in cases where the Owner exercises the right reserved to reject any or all proposals, the contract(s) will be awarded as soon as practicable after the opening of proposals.

The Illinois American Water Company contracts administration practice requires all proposal submittals to adhere to the following criteria:

- Proposals shall be placed in sealed manila envelope with the words “SEALED PROPOSAL” and “NAME OF PROJECT” clearly marked on both sides of the envelope.
- The manila envelope shall be delivered to the ILAWC by either overnight delivery (UPS, FedEx, DHL or USPS) and arrive on or before **2 pm, (local central standard time), Thursday, October 31, 2019**. Proposals may be delivered in person by the said deadline.
- Facsimile or email delivery of proposals is expressly prohibited and will not be accepted.
- Proposals to include “Engineering Services Proposal Cover Sheet” as first page of proposal.

Any proposal failing to meet the above criteria will not be accepted. Proposals shall be received at ILAWC to be addressed as below:

Attn: Eric LaReau  
1000 Internationale Parkway  
Woodridge, IL 60517

ILAWC will privately open the proposals.

The selected consultant will be expected to enter into agreement with ILAWC, for performance of the proposed services, through ILAWC Standard Agreement for Professional Services or via an existing Master Services Agreement. If appropriate, a certificate of insurance and W-9 will additionally be required to be supplied by the selected consultant to each of the Parties.

If you have any questions concerning the Project or scope of services, please contact me at (630) 739-8837.

Sincerely,

Illinois - American Water Company

Eric LaReau, PE  
Engineering Project Manager

Encl: ILAWC Project Scope Location Map  
VGE Project Scope Location Map  
Engineering Services Proposal Cover Sheet  
ILAWC Engineering Services Agreement, including:  
Supplier Diversity Questionnaire  
Minimum Insurance Requirements  
ILAWC GIS Requirements



Illinois American Water Company Use Only

Date:

Time:

8:20

Signature:

DOA Approved

Witness:

## Engineering Services Proposal Cover Sheet

| Tasks                                                 | Cost ILAW | Cost VGE |
|-------------------------------------------------------|-----------|----------|
| Task 1 - Survey                                       | \$9,200   | \$11,900 |
| Task 2 - Geotechnical                                 | \$6,500   | \$6,500  |
| Tasks 3-8 - Design Services                           | \$27,475  | \$13,545 |
| Tasks 9-10 - Bidding Services                         | \$2,435   | \$2,435  |
| Task 11 - Construction Observation (NOT AT THIS TIME) |           |          |
| Other Additional Costs (Specify)                      |           |          |
| Total                                                 | \$45,610  | \$34,380 |

Not All Tasks are required. Only enter costs for required tasks per RFP.

Schedule Requirements:

The proposed Schedule is agreeable? (circle one)

Yes

No

If no, please provide proposed revisions:

Signature:



Title and Firm Name:

Vice President, Donohue &amp; Associates, Inc.



Donohue & Associates, Inc.  
125 South Wacker Drive Suite 1850 | Chicago, IL 60606  
312.236.9147 | donohue-associates.com

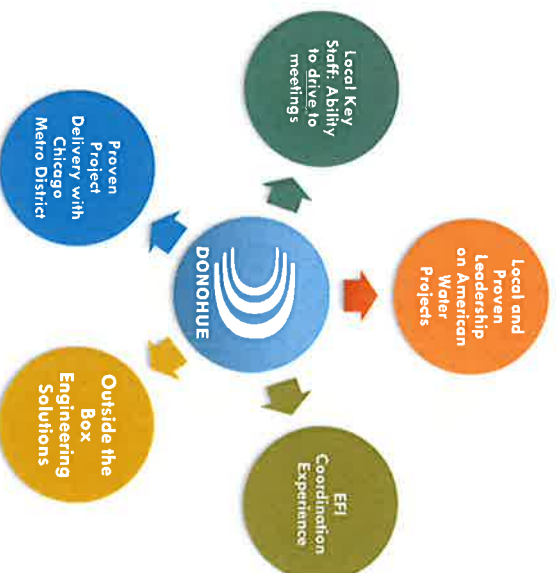
November 21, 2019

Mr. Eric LaReau  
Illinois American Water Company  
1000 Internationale Parkway  
Woodridge, IL 60517

Re: Proposal for ILAWC-VGE Emergency Interconnect

Dear Mr. LaReau:

Effectively preparing a design to provide an emergency interconnection between Illinois American Water Company (ILAWC) and Village of Glenview (VGE) water systems requires considerable forethought and close collaboration with ILAWC and VGE staff, and the proposed Valve and Meter Vault provider, EFI. Donohue has assembled a highly qualified team of senior engineers to address the complexities of this project. Our past experience with ILAWC and EFI provides familiarity with the ILAWC policies and procedures in working with pre-packaged facilities with an eye on the short and long term goals for the project. Our Team brings the following benefits to your project:



- **Local and Proven Leadership on Illinois American Water Projects.** Project Manager **Paul Shadrake**, PE, has over three decades of water treatment and distribution experience. Paul is located in Chicago, IL and has managed several recent projects for ILAWC, including the current **Sterling East WTP HSPS replacement project**, and others in Bolingbrook, IL (107<sup>th</sup> Street Lift Station), Streator, IL (Streator RWPS), and Homer Glen, IL (Chickasaw Hills WTF). He has managed over \$50M worth of capital improvements throughout the Midwest.

ILAWC will also benefit from the experience of **Mike Stohl**, PE, and his proven project delivery experience with ILAWC. Mike serves as Client Advocate for ILAWC and leads many of our most challenging projects Illinois American Water, St. Louis MSD, and Illinois DOT.

- **Previous Experience with Pre-Package Facilities Provided by EFL.** Donohue has worked with EFL on several recent LLAWC projects, including Sterling, Streator, Lincoln, and Peoria, Illinois. We understand the contracting and design approaches preferred by LLAWC and have developed excellent working relationships that expedite design and submittal review and provide for efficient coordination critical to project success.

- **Unique Solutions.** The LLAWC-VGE Interconnect has some significant challenges, including constructing in an IDOT ROW with a wetland, an alignment adjacent to a large high school, and place of worship, that will require site specific solutions. Donohue has repeatedly navigated difficult situations successfully with LLAWC projects. As examples Donohue has been working with staff at the Sterling East WTP HSPS project through several site constraints to keep the project on track, expeditiously completed the Streator Water Raw Water Pump Station replacement on an aggressive schedule, incorporated a 35-year-old asset (the 15 mgd High Service Pump 11) into the design at Peoria Main Station, and led efforts to engineer solutions within a tight land-locked site in Homer Glen (Chickasaw Hills).

- **Diversity Participation.** The Donohue project team includes The Accurate Group (MBE, Survey), Wang Engineering (MBE, Geotechnical), and Flinn Engineering (WBE/VBE, Permitting). We understand the importance of diversity spending on meaningful roles on projects and have selected leaders within their respective fields. It is our goal to meet or exceed LLAWC goals on this and all projects.



We understand the importance of this project to you, and have developed the *right team* with the *right approach* for the job. The Donohue Team is available to start immediately and meet your schedule. Please feel free to contact us if you have any questions related to our submittal. Thank you in advance for your consideration.

Sincerely,

Michael Stohl, PE, Client Liaison  
312.583.7240 | mstohl@donohue-associates.com

Paul M. Shadrake, PE, Project Manager  
312.583.7211 | pshadrake@donohue-associates.com

# Firm Information



Donohue & Associates, Inc. is an award-winning, employee-owned consulting firm specializing in water and wastewater treatment. We have worked with more than 300 Upper Midwestern communities in the past 20 years, providing planning, design, construction, and startup phase services on over 2,500 water and wastewater projects. We have one goal in mind: to provide client-centered, cost-effective engineering services.

We recognize the difficulties faced by water producers as they strive to meet the challenges of changing regulations, increasing operational costs, aging treatment facilities, and limited funding for improvements. Donohue has earned a reputation for planning and designing facilities that are functional, easily operated and maintained, and cost-effective.

## Our Illinois American Water Experience

Donohue's ILAWC experience spans the past decade and includes the following projects (with year started):

- Champaign District Water Distribution Study (2009)
- Distribution System Modeling (2010)
- Homer Glen Wastewater Master Plan (2011)
- Wastewater Master Plan Update (2012)
- Peoria District Main Station Electrical Study (2012)
- Sterling District - East Plant Facility Assessment (2012)
- Champaign North Side Transmission Main - Phase I (2014)
- Homer Glen/Chickasaw Hills WRF Improvements Design (2014)
- Peoria Main Station Electrical Improvements (2014) | **2018 ACEC Engineering Excellence Merit Award**
- East St. Louis Electrical Valve Engineering Study (2014)
- 107th Street Lift Station Improvements (2015)
- Derby Meadows Sewer Replacement (2015)
- Terra Cotta WRF Feasibility Study (2016)
- Streator WTP Raw Water Pump Station Design/CRS (2016)
- Homer Glen Flow Monitoring (2016)
- Lincoln South Water Treatment Plant Study (2018)
- Granite City WTP LT2ESWTR BIN 2 UV Disinfection Design (2018)
- Sterling WTP High Service Pump Station Design (2018)
- Fisher WWTP Headworks Improvements (2018)
- Peoria Grand II Booster Station Electrical Improvements Design (2018)
- Sundale/Washington Estates Study (2019)
- Lincoln South WTP Electrical Improvements (2019)
- Streator LT2ESWTR BIN 2 (2019)
- Lincoln South WTP Design/Bid (2019)



### Address:

Donohue & Associates, Inc.  
125 S. Wacker Drive, Suite 1850  
Chicago, IL 60606

### Main Contact:

Paul Shadrake, PE  
pshadrake@donohue-associates.com  
o: 312.583.7211 c: 312.363.9663

## Flinn Engineering, LLC

**Flinn Engineering, LLC** is a civil engineering consulting firm specializing in planning, design, and construction administration for water-related infrastructure. Kelly Simpson and Lori Gallion are the founding members of Flinn Engineering, which began operation in March 2015. Ms. Simpson has worked in the engineering industry since 1993, with most of her experience in the drinking water sector. She spent the first half of her career working for Illinois American Water, where she gained extensive experience in operating water systems of various sizes across Illinois. Ms. Gallion has a GIS background that she gained while serving in the US Army for 20 years. Flinn Engineering is a certified Women Business Enterprise (WBE) and a self-certified Veteran-owned Business (VBE). They will provide permitting services for this project. Donohue is currently working with Flinn Engineering on other ILAWC projects.

|                 |                                                               |                      |                                                                |
|-----------------|---------------------------------------------------------------|----------------------|----------------------------------------------------------------|
| <b>Address:</b> | Flinn Engineering<br>11216 Neumann Lane<br>Highland, IL 62249 | <b>Main Contact:</b> | Kelly Simpson<br>ksimpson@flinnengineering.com<br>618.550.8427 |
|-----------------|---------------------------------------------------------------|----------------------|----------------------------------------------------------------|

## Accurate Group, Inc.

**Accurate Group, Inc.** (AGI) has been providing engineering and survey services since 1994 and is certified as a Minority Business Enterprise/Disadvantaged Business Enterprise (MBE/DBE). AGI has built a solid reputation performing these services in Illinois for clients such as the Illinois Department of Transportation (IDOT), Illinois State Toll Highway Authority (ISTHA), City of Chicago, Chicago Public Schools, Cook County Department of Transportation and Highways, Cook County Park District, City of Chicago Park District, as well as other public and private entities.

AGI provides a variety of topographic and boundary/plat survey services for public and private clients. AGI is currently providing topographic survey and CADD drafting tasks in a prime agreement with the Chicago Department of Water Management. Two recent more high profile projects are boundary and plat surveys for the Elgin-O'Hare Expressway and the Chicago-St. Louis high speed rail line.

|                 |                                                                                  |                      |                                                              |
|-----------------|----------------------------------------------------------------------------------|----------------------|--------------------------------------------------------------|
| <b>Address:</b> | Accurate Group, Inc.<br>101 Scheller Road, Suite B 200<br>Lincolnshire, IL 60069 | <b>Main Contact:</b> | Jennifer Tobergte<br>jent@accgi.com<br>847.613.1100 ext. 507 |
|-----------------|----------------------------------------------------------------------------------|----------------------|--------------------------------------------------------------|

## Wang Engineering, Inc.

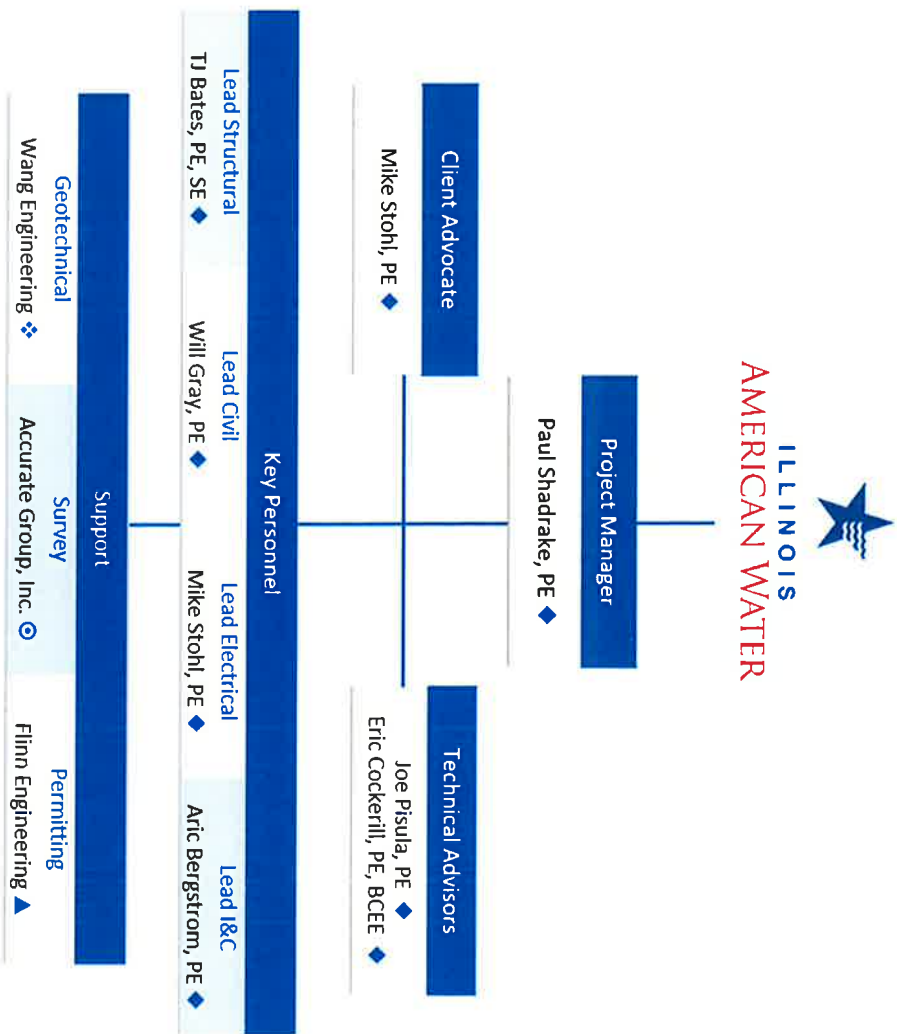
Established in 1982, **Wang Engineering, Inc. (Wang)** specializes in geotechnical engineering, construction inspection, and materials testing services. Over the past 35 years, Wang has provided these services state and federal governments, and private and public sector clients throughout the U.S. and in several countries overseas. In addition to providing geotechnical services on the Sterling East WTP HSPS replacement project, Wang has worked on numerous other water treatment facilities, wastewater and sewer facilities, interstate, federal, and local highways and streets, rail and rapid transit facilities, airports, public, commercial, and industrial structures. Wang is certified as a Minority Business Enterprise (MBE) by the City of Chicago and numerous other public agencies. They will provide geotechnical services for this project.

|                 |                                                                       |                      |                                                        |
|-----------------|-----------------------------------------------------------------------|----------------------|--------------------------------------------------------|
| <b>Address:</b> | Wang Engineering, Inc.<br>1145 North Main Street<br>Lombard, IL 60148 | <b>Main Contact:</b> | Corina Farez, PE<br>cfarez@wangeng.com<br>630.953.9928 |
|-----------------|-----------------------------------------------------------------------|----------------------|--------------------------------------------------------|



# Project Staffing

We have assembled a highly experienced group of engineers to deliver success to ILAWC in all aspects: **performance, quality, schedule, and cost.** The team, led by Paul Shadrake, has the right familiarity, expertise and experience to efficiently and cost-effectively design the ILWAC – Glen Ellyn Emergency Interconnect.



**Project Team Members**  
◆ Donohue | ● Accurate Group, Inc.  
❖ Wang Engineering (MBE) | ▲ Flinn Engineering (WBE/VBE)



**Paul Shadrake, PE**  
Project Manager – Donohue

31 Years of Experience



Paul is a Senior Project Manager with over 30 years of experience. His involvement in projects has spanned all phases of water engineering activities including project planning, field investigation, systems analysis and computer modeling, conceptual and detailed design, preparation of reports and contract documents, value engineering, and assistance during permitting and construction.

He is currently working with ILLAWC in Sterling for the East WTP High Service Pump Station replacement project which involves watermain connections to an EFL-provided package pump station. Similarly, he coordinated with EFL as the Project Manager for the ILLAWC Streator LSPS project involving suction and discharge piping from the station.

**Michael Stohl, PE**  
Client Advocate – Donohue

13 Years of Experience



Mike is one of Donohue's lead electrical engineers whose career has focused on the design and construction of electrical systems for the unique demands of water and wastewater facilities. His experience includes electrical service, power distribution, emergency and standby electrical power systems, motor control and motor control center design, voltage drop calculations, grounding design, lighting design, and code interpretations and applications.

Through his leadership and electrical engineering work with ILLAWC on recent projects for Lincoln, Peoria Main Station, Streator, and Chikkasaw Hills, Mike has forged excellent working relationships with ILLAWC personnel and thoroughly understands your policies and procedures.

**Joe Pisula, PE**  
Technical Advisor – Donohue

41 Years of Experience



Joe has experience in all phases of water projects including planning, process sizing and design, plans and specifications, construction cost opinions, grant and loan administration, construction observation and administration, and start-up.

Joe has a thorough understanding of ILLAWC policies and procedures based on his active involvement on the following ILLAWC projects:

- |                                                  |                                               |
|--------------------------------------------------|-----------------------------------------------|
| ■ Sterling District HSPS Replacement             | ■ Peoria Main Station Electrical Improvements |
| ■ Champaign District Water Distribution Study    | ■ Streator Raw Water Pump Station Design/CRS  |
| ■ Peoria District Main Station Electrical Study  |                                               |
| ■ Champaign North Side Transmission Main-Phase 1 |                                               |

# Subconsultants



**Flinn Engineering, LLC** is a civil engineering consulting firm specializing in planning, design, and construction administration for water-related infrastructure. Kelly Simpson and Lori Gallion are the founding members of Flinn Engineering, which began operation in March 2015. Ms. Simpson has worked in the engineering industry in the St. Louis area since 1993 with most of her experience being in the drinking water sector. She spent the first half of her career working for Illinois American Water where she gained extensive experience in several aspects of operating water systems of various sizes across the State of Illinois. Ms. Gallion has a GIS background which she gained while serving in the US Army for 20 years. Flinn Engineering is a certified Women Business Enterprise (WBE) and a self-certified Veteran-owned Business (VBE). **They will provide permitting services for this project.**



**Accurate**  
GROUP, INC.

Accurate Group, Inc. (AGI) has been providing engineering services for its clients since 1994 and is certified as a Minority Business Enterprise/Disadvantaged Business Enterprise (MBE/DBE). AGI has built a great reputation performing these services in the State of Illinois and has served the Illinois Department of Transportation (IDOT), Illinois State Toll Highway Authority (ISTHA), City of Chicago, Chicago Public Schools, Cook County Department of Transportation and Highways, Cook County Park District, City of Chicago Park District, as well as other public and private entities in the State. AGI has performed in the capacity of the prime consultant or subconsultant for Phase I, Phase II, and Phase III Engineering Service Contracts.

AGI has provided a wide variety of topographic and boundary/plat survey services for a wide variety of public and private clients. On a current project, AGI is providing topographic survey and CADD drafting tasks in a prime agreement with the Chicago Department of Water Management. Two recent more high profile projects for which survey services were provided are boundary and plat surveys for the Elgin-O'Hare Expressway and the Chicago-St. Louis high speed rail line. **They will provide surveying services for this project.**



Established in 1982, **Wang Engineering, Inc.** (Wang) specializes in geotechnical engineering, construction inspection, and materials testing services. Over the past 35 years, Wang has provided these services to a wide range of state and federal governments, private, and public sector clients throughout the United States and in several countries overseas. In addition to providing geotechnical services on the Sterling East WTP HSPS replacement project, Wang has worked on numerous other water treatment facilities, wastewater and sewer facilities, interstate, federal, and local highways and streets, rail and rapid transit facilities, airports, public, commercial, and industrial structures. Wang is certified as a Minority Business Enterprise (MBE) by the City of Chicago and numerous other public agencies. **They will provide geotechnical services for this project.**

Our team has ILAWC-proven Small, Women, Veteran, and Minority Business Enterprise (S/W/V/MBE) participation. The firms that make up the team have worked together on past ILAWC projects. They were chosen for their technical expertise, past working partnerships, ILAWC experience, and their ability to meaningfully contribute to the successful completion of projects. Their participation is expected to far exceed ILAWC diversity participation goals as shown on the following Supplier Diversity Questionnaire.





Appendix 1  
Diversity 18.12

## SUPPLIER DIVERSITY QUESTIONNAIRE

**Note:** Required for submission with all responses to Requests for Proposals, quarterly reports and with final payment application (with actuals)

|                                                          |                                       |                       |                                                                                            |
|----------------------------------------------------------|---------------------------------------|-----------------------|--------------------------------------------------------------------------------------------|
| <b>Date</b>                                              | <u>November 21, 2019</u>              | <b>Signature</b>      | <u></u> |
| <b>Company Name</b>                                      | <u>Donohue &amp; Associates, Inc.</u> | <b>Print Name</b>     | <u>Paul Shadrake, PE</u>                                                                   |
| <b>Name of Project</b>                                   | <u>Emergency Interconnect</u>         | <b>Telephone</b>      | <u>312.583.7211</u>                                                                        |
| <b>Contract #</b>                                        | <u>NA</u>                             | <b>Email</b>          | <u>pshadrake@donohue-associates.com</u>                                                    |
| <b>Task Order #</b>                                      | <u>NA</u>                             | <b>Purchase Order</b> | <u>NA</u>                                                                                  |
| <b>Indicate submittal type (RFP, Quarterly or Final)</b> |                                       | <u>RFP</u>            |                                                                                            |

1. Is your business a certified diverse supplier with a Supplier Clearinghouse? **Y or N**

If yes, please provide copy of certification(s) with your bid response

2. Do you have a Supplier Diversity Program for sub contractors? **Y or N**

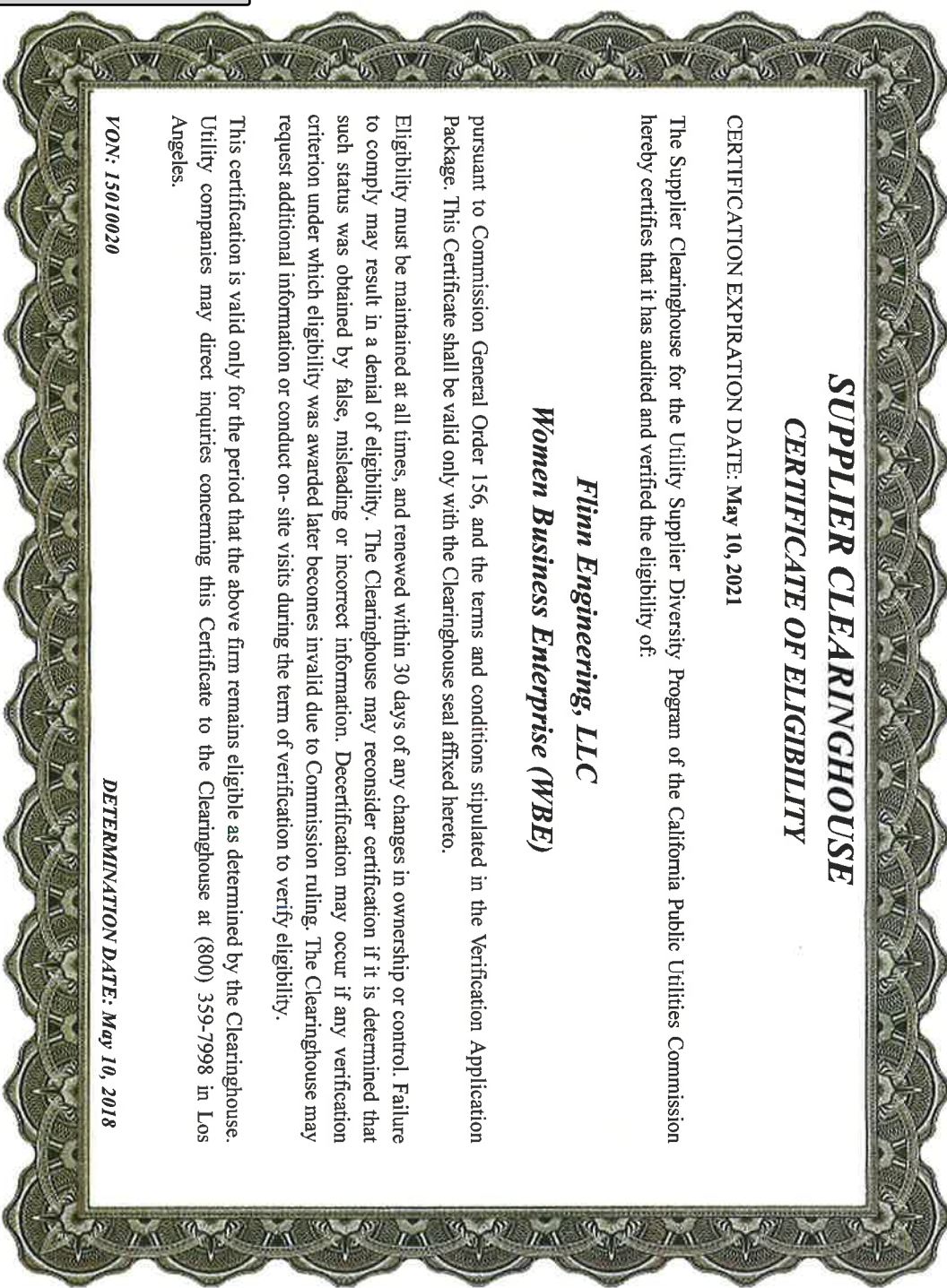
If, yes, please provide and attach a brief summary of your program including 2<sup>nd</sup> tier subcontracting reporting and tracking processes. If no, please proceed to question #3.

3. In review of the Scope of Work as presented in this RFP, do you intend to utilize diverse suppliers for sub-contracting on this project?  
**Y or N**

If yes, please complete the information below and submit with your bid response. **Copy of Diversity Certificate required for each Subcontractor.**

| Name of Subcontractor | Scope of Work to be Performed | Amount of Spend                      | Certified Diversity Classification | Principal Male or Female |
|-----------------------|-------------------------------|--------------------------------------|------------------------------------|--------------------------|
|                       |                               | Anticipated or Final<br>(Circle one) |                                    |                          |
| Flinn Engineering     | Permitting                    | \$3,000                              | WBE/VBE                            | Female                   |
| Accurate Group, Inc.  | Surveying                     | \$19,200                             | MBE-AP                             | Male                     |
| Wang Engineering      | Geotechnical                  | \$12,000                             | MBE-AP                             | Male                     |
|                       |                               |                                      |                                    |                          |
|                       |                               |                                      |                                    |                          |

PLEASE BE SURE TO RETURN THIS FORM WITH YOUR BID RESPONSE

A decorative certificate with a gold-colored border featuring a repeating floral and scrollwork pattern. The text is centered within the border.

## **SUPPLIER CLEARINGHOUSE CERTIFICATE OF ELIGIBILITY**

CERTIFICATION EXPIRATION DATE: **May 10, 2021**

The Supplier Clearinghouse for the Utility Supplier Diversity Program of the California Public Utilities Commission hereby certifies that it has audited and verified the eligibility of:

***Flinn Engineering, LLC  
Women Business Enterprise (WBE)***

pursuant to Commission General Order 156, and the terms and conditions stipulated in the Verification Application Package. This Certificate shall be valid only with the Clearinghouse seal affixed hereto.

Eligibility must be maintained at all times, and renewed within 30 days of any changes in ownership or control. Failure to comply may result in a denial of eligibility. The Clearinghouse may reconsider certification if it is determined that such status was obtained by false, misleading or incorrect information. Decertification may occur if any verification criterion under which eligibility was awarded later becomes invalid due to Commission ruling. The Clearinghouse may request additional information or conduct on-site visits during the term of verification to verify eligibility.

This certification is valid only for the period that the above firm remains eligible as determined by the Clearinghouse. Utility companies may direct inquiries concerning this Certificate to the Clearinghouse at (800) 359-7998 in Los Angeles.

VON: 15010020

DETERMINATION DATE: **May 10, 2018**



**THE NATIONAL VETERAN-OWNED BUSINESS ASSOCIATION**  
HEREBY GRANTS  
**NATIONAL VETERAN'S BUSINESS ENTERPRISE CERTIFICATION TO:**

**Flinn Engineering, LLC**

This firm has successfully met the standards as a Certified Veteran's Business Enterprise™ (VBE).  
This certification affirms that this business concern is veteran-owned, operated and controlled.  
This certification is valid through date herein.

Certification Granted: 2019/1/16  
Expiration Date: 2021/1/15  
NavOBA National Certification Number: 2019100129

A handwritten signature in black ink, appearing to read "Matthew Pavlek".

Authorized by Matthew Pavlek, NavOBA President & CEO

NAICS: 541330



DEPARTMENT OF PROCUREMENT SERVICES  
CITY OF CHICAGO

APR 16 2018

Syed M. Hussaini  
Accurate Group, Inc. dba AIBS  
101 Scheller Road Suite B200  
Lincolnshire, IL 60069

Dear Syed M. Hussaini:

We are pleased to inform you that **Accurate Group, Inc. dba AIBS** has been recertified as a **Minority-Owned Business Enterprise ("MBE")** by the City of Chicago ("City"). This **MBE** certification is valid until **4/1/2023**; however, your firm's certification must be revalidated annually. In the past the City has provided you with an annual letter confirming your certification; such letters will no longer be issued. Therefore, we require you to be even more diligent in filing your **annual No-Change Affidavit 60 days** before your annual anniversary date.

It is now your responsibility to check the City's certification directory and verify your certification status. As a condition of continued certification during the five year period stated above, you must file an annual No-Change Affidavit. Your firm's **annual No-Change Affidavit** is due by **4/1/2019, 4/1/2020, 4/1/2021, and 4/1/2022**. Please remember, you have an affirmative duty to file your **No-Change Affidavit 60 days** prior to the date of expiration. Failure to file your annual No-Change Affidavit may result in the suspension or rescission of your certification.

Your firm's five year certification will expire on **4/1/2023**. You have an affirmative duty to file for recertification **60 days** prior to the date of the five year anniversary date. Therefore, you must file for recertification by **2/1/2023**.

It is important to note that you also have an ongoing affirmative duty to notify the City of any changes in ownership or control of your firm, or any other fact affecting your firm's eligibility for certification **within 10 days** of such change. These changes may include but are not limited to a change of address, change of business structure, change in ownership or ownership structure, change of business operations, gross receipts and or personal net worth that exceed the program threshold. Failure to provide the City with timely notice of such changes may result in the suspension or rescission of your certification. In addition, you may be liable for civil penalties under Chapter 1-22, "False Claims", of the Municipal Code of Chicago.

Please note – you shall be deemed to have had your certification lapse and will be ineligible to participate as a **MBE** if you fail to:

- File your annual No-Change Affidavit within the required time period;
- Provide financial or other records requested pursuant to an audit within the required time period;

121 NORTH LASALLE STREET, ROOM 806, CHICAGO, ILLINOIS 60602

Accurate Group, Inc. dba AIBS

APR 16 2018

Page 2 of 2

- Notify the City of any changes affecting your firm's certification within **10 days** of such change; or
- File your recertification within the required time period.

Please be reminded of your contractual obligation to cooperate with the City with respect to any reviews, audits or investigation of its contracts and affirmative action programs. We strongly encourage you to assist us in maintaining the integrity of our programs by reporting instances or suspicions of fraud or abuse to the **City's Inspector General at [chicagoinspectorgeneral.org](mailto:chicagoinspectorgeneral.org), or 866-IG-TIPLINE (866-448-4754).**

Be advised that if you or your firm is found to be involved in certification, bidding and/or contractual fraud or abuse, the City will pursue decertification and debarment. In addition to any other penalty imposed by law, any person who knowingly obtains, or knowingly assists another in obtaining a contract with the City by falsely representing the individual or entity, or the individual or entity assisted is guilty of a misdemeanor, punishable by incarceration in the county jail for a period not to exceed six months, or a fine of not less than \$5,000 and not more than \$10,000 or both.

Your firm's name will be listed in the City's Directory of Minority and Women-Owned Business Enterprises in the specialty area(s) of:

**NAICS Code(s):**

|        |                                                          |
|--------|----------------------------------------------------------|
| 541330 | Civil Engineering Services                               |
| 541330 | Construction Engineering Services                        |
| 541330 | Engineering Consulting Services                          |
| 541330 | Engineering Design Services                              |
| 541370 | Construction Surveying Services                          |
| 541370 | Land Surveying Services                                  |
| 541370 | Topographic Surveying Services                           |
| 541380 | Laboratory Testing (except medical, veterinary) Services |
| 541380 | Soil Testing Laboratories or Services                    |
| 561320 | Personnel (e.g., industrial, office) Suppliers           |

Your firm's participation on City contracts will be credited only toward **Minority-Owned Business Enterprise ("MBE")** goals in your area(s) specialty. While your participation on City contracts is not limited to your area of specialty, credit toward goals will be given only for work that is self-performed and providing a commercially useful function that is done in the approved specialty category.

Thank you for your interest in the City's Minority, Women-Owned Business Enterprise, Veteran-Owned Business Enterprise and Business Enterprise Owned or Operated by People with Disabilities (MBE/WBE/VBE/BEPD) Program.

Sincerely,



Rich Butler  
First Deputy Procurement Officer  
RB/ag





**TONI PRECKWINKLE**

PRESIDENT

**Cook County Board  
of Commissioners**BRANDON JOHNSON  
1st DistrictDENNIS DEER  
2nd DistrictBILL LOWERY  
3rd DistrictSTANLEY MOORE  
4th DistrictDEBORAH SIMS  
5th DistrictDONNA MILLER  
6th DistrictALMA E. ANAYA  
7th DistrictLUIS ARROYO, JR.  
8th DistrictPETER N. SILVESTRI  
9th DistrictBRIDGET GAINER  
10th DistrictJOHN P. DALEY  
11th DistrictBRIDGET DEGENEN  
12th DistrictLARRY SUFFREDIN  
13th DistrictSCOTT R. BRITTON  
14th DistrictKEVIN B. MORRISON  
15th DistrictJEFFREY R. TOBOLSKI  
16th DistrictSEAN M. MORRISON  
17th District

Attachment: Donohue - ILAW&amp;VGE Interconnect Design

## OFFICE OF CONTRACT COMPLIANCE

**EDWARD H. OLIVIERI**

DIRECTOR

118 N. Clark, County Building, Room 1020 • Chicago, Illinois 60602 • (312) 603-5502

March 7, 2019

Mr. Paul Wang, President  
Wang Engineering, Inc.  
1145 N. Main Street  
Lombard, IL 60148**Annual Certification Expires: March 7, 2020**

Dear Mr. Wang:

Congratulations on your continued eligibility for Certification as a **Minority-owned Business Enterprise (MBE)** by Cook County Government. This certification is valid until **March 7, 2020**; however, you must re-validate your firms' certification annually.

As a condition of continued Certification during the five (5) year term, you must file an annual **"Re-Certification Affidavit"** within **sixty (60) business days** prior to the date of the annual expiration. Failure to file this Affidavit may result in the termination of your Certification. You must notify Cook County's Office of Contract Compliance of any change in ownership or control or any other matters or facts affecting your firm's eligibility for Certification within **fifteen (15) business days** of such change.

Cook County Government may commence action to remove your firm as a certified vendor if you fail to notify us of any changes of facts affecting your firm's Certification, or if your firm otherwise fails to cooperate with the County in any inquiry or investigation. Removal of your status may also be commenced if your firm is found to be involved in bidding or contractual irregularities.

Your firm's name will be listed in Cook County's Directory of certified firms in the following area(s) of specialty:

**Licensed Professional Services: Construction Services – Geotechnical Engineering;  
Construction Management and Inspection; Construction Materials Testing**

Your firm's participation on Cook County contracts will be credited toward **MBE** goals in your area(s) of specialty. While your participation on Cook County contracts is not limited to your specialty, credit toward **MBE** goals will be given only for work done in the specialty category.

Thank you for your continued interest in Cook County Government's Minority, Women and Veteran Business Enterprise Programs.

Sincerely,

Edward H. Olivieri

Contract Compliance Director

EHO/ek



# PAUL M. SHADRAKE, PE

**PROFESSIONAL ENGINEER**  
Illinois: 62047596

**YEARS OF EXPERIENCE**  
31

**EDUCATION**  
Bachelor of Science  
Civil Engineering  
Cleveland State University  
1987

**PROFESSIONAL ASSOCIATIONS**  
American Society of Civil Engineers  
American Water Works Association  
Water Environment Federation

**PUBLICATIONS**  
"A New Approach to Combined Sewer Areas: Keeping Basements Dry at Half the Cost," WEF Specialty Conference: Collection Systems Wet Weather Pollution Control, Rochester, New York, 2000 (coauthor)  
"Case Study: Village of Wilmette, Illinois SSO Abatement in a Multi-Agency Sewer System," USEPA Conference on Sanitary Sewer Overflows, Washington, D.C., 1995 (coauthor)

**PRESENTATIONS**  
"Challenges and Solutions for Selecting and Optimal Water Main Route," ASCE Pipelines 2006 Conference, Chicago, Illinois, 2006  
"Retrofitting a 25-mgd Submerged Microfiltration System," IWEA /IAWWA Joint Conference, Springfield, Illinois, 2006  
"Inlet Control: City of Chicago's New Rain Management System," FEMA Region V Annual Mitigation Conference, Pere Marquette State Park, Illinois, 2000

Mr. Shadrake has participated as Senior Project Manager and Lead Task Engineer on numerous water and wastewater projects in the United States and internationally. His involvement in these projects has spanned all phases of engineering activities including project planning, field investigation, systems analysis and computer modeling, conceptual and detailed design, preparation of reports and contract documents, value engineering, and assistance during permitting and construction. He has experience with staff development, technical quality of the project work, and managing project and department budgets and schedules.

**West Side Reservoir Pumping Station Improvements, Northbrook, Illinois.** Project Engineer: Study and design of facilities required to provide a new emergency water service connection between the potable water systems of the village and the Mission Brook Sanitary District of Illinois, which included an analysis of alternatives and detailed design of the selected alternative, as well as the preparation of the plans and specifications for improvements at the West Side Reservoir pumping station, an emergency connection point in the distribution system, and office and field engineering services during construction.

**High Service Pump Station, Illinois American Water, Sterling, Illinois.** Project Manager: For the replacement of the existing high service finished water pump station at the ILAWC Sterling District East WTP. Project includes an assessment of pump station alternatives, field investigations including survey, geotechnical borings, and utility location, coordination with package pump station supplier, wet well detailed design, demolition of existing station, and enclosures for four raw water well pumps and meter facilities. Station consists of three 750 gpm pumps, VFDs, wet well, and electrical facilities.

**Raw Water Pump Station Replacement, Illinois American Water Company, Streator Illinois.** Project Manager: Design of a new 6-mgd raw water pump station and new carbon feed facilities. Project included 2 new 24-inch diameter intake pipes, control and metering structure, and wet well design to accept installation of a pre-packaged pump station. A new building for the relocation of existing carbon feed equipment was designed along with new electrical and instrumentation and control feeds for all new facilities on-site. Provided for demolition of the existing pump station and carbon feed facilities located in the floodplain and included provisions for asbestos shingle and lead paint removal.

**Water Supply and Treatment Facilities Expansion, Manitowoc Public Utilities, Wisconsin.** Project Manager: Responsible for the preparation of preliminary and detailed design for an expansion of the water treatment facilities, in order to supply the Central Brown County Water Agency with a firm 25-mgd drinking water capacity. Work included a 4,000-foot, 60-inch-diameter intake pipe with micro screens, a new 28-mgd raw water pumping station, a new 25-mgd finished water pumping station, a 3-million-gallon reservoir, and a submerged membrane treatment system that was retrofitted into the existing conventional granular media filtration basins. Managed all aspects of the project, including technical oversight, schedule, budget, and resource staffing.

**Water Treatment Plant Improvements, Kankakee, Illinois.** Project Manager: Responsible for fast-track design and services during the construction of various water treatment plant improvements, including replacement of three low service and three high service pumps and associated valves, 20-inch- and 24-inch-diameter isolation valves, rehabilitation of the 90-foot and 100-foot-diameter primary clarifiers, filter media replacement, new chlorine scrubber, plant flood protection, installation of a new 2000-kW diesel fuel generator, new dual electrical services and electrical room, and plant security fencing and access improvements. Prepared specifications for pre-purchase of major equipment including pumps, generator, transformers, and switchgear and provided resident engineering services during construction.

**Reservoir and Pumping Station Improvements, Oak Park, Illinois.** Responsible for the design and preparation of technical specifications and contract drawings for a new 2.5-million-gallon underground water reservoir and the rehabilitation of two pumping stations, which included an assessment of alternative reservoir locations, the connection to

reservoir and pumping station facilities, and the replacement of all pumps and piping in the North and South pumping stations. Other services included community meetings, permitting assistance, bidding assistance, and engineering services during construction.

**Water Main, Hawthorn Woods, Illinois.** Managed the fast-track design for a water transmission main for the Hawthorn Woods Country Club, which included the preparation of technical specifications and contract drawings for construction of approximately 6,000 feet of 16-inch-diameter pipe and various appurtenances, isolation valves, air relief, fire hydrants, and provisions for expansion; preliminary design including hydraulic analysis, surge analysis, and a master plan for a phased approach in order to immediately serve early phases of the country club that were nearing completion while accommodating future expansion and build-out of the country club and surrounding service area. Project required detailed topographic surveys and geotechnical investigations, assistance with permitting, and engineering services during construction.

**West State Street Water Main Extension, Rockford, Illinois.** Responsible for the design of a water transmission main to serve the western portion of the city's expanding service area, which included the preparation of technical specifications and contract drawings for the construction of over three miles of 16-inch-diameter pipe, and various appurtenances including isolation valves, air relief, fire hydrants, and provisions for expansion. Performed a preliminary design which included a hydraulic analysis to immediately serve the needs of the Pierce Chemical Company at the west end of the transmission main while accommodating potential future expansion and build-out of the surrounding service area. The project required detailed topographic surveys and geotechnical investigations as well as permitting assistance and engineering services during construction.

**Ridge Road Water Transmission Main, Highland Park, Illinois.** Project Manager: Responsible for the design and preparation of technical specifications and contract drawings for the construction of over 6,000 feet of 24-inch-diameter water transmission main and various storm drainage system improvements. This included a hydrologic study to investigate localized drainage problems and determine the required capacity and layout of the new storm drainage outlet system, required detailed topographic surveys and geotechnical investigations, bidding and permitting assistance, and engineering services during construction.

**Green Bay to North Reservoir Water Transmission Main, Highland Park, Illinois.** Responsible for the design and preparation of technical specifications and contract drawings for the construction of over 7,000 feet of 36-inch-diameter water transmission main and over 1,000 feet of 10-inch-diameter water main; improvements to localized drainage problems; and 300 feet of tunneling under a railroad embankment at two locations. Performed the required detailed topographic surveys and geotechnical investigations and provided bidding assistance, permitting assistance, and services during construction.

**Vine Avenue Water Main Phase II, Highland Park, Illinois.** Lead Engineer: Responsible for the design and preparation of technical specifications and contract drawings for the construction of over 2,500 feet of 30-inch-diameter water transmission main and 1,200 feet of 12-inch to 15-inch-diameter storm sewers, as well as a hydrologic study to determine the required capacity and layout of the new storm drainage system, required detailed topographic surveys and geotechnical investigations including ravine embankment erosion and retaining wall stability analyses, bidding assistance, permitting assistance, and office engineering services during construction.

**Rob Roy Country Club Water Service Improvements, Prospect Heights, Illinois.** Lead Engineer: Water system improvements in the Rob Roy Country Club service area. Responsible for the detailed design of more than 2,000 feet of 12-inch-diameter water main, including fire hydrant and connection facilities, performance of a comprehensive utility review, coordination and supervision of geotechnical and surveying subconsultants, and preparation of plans, specifications, permit applications, and assistance during construction.





# MICHAEL B. STOHL, PE

## PROFESSIONAL REGISTRATION

Wisconsin: 43845  
 Illinois: 62063326  
 Indiana: PE11200403  
 Iowa: P23026  
 Missouri: 2014041302  
 Michigan: 6201065806  
 Minnesota: 55048  
 California: 22677

## CERTIFICATIONS

2-Hour OSHA, 2017  
 Confined Space Entry

## YEARS OF EXPERIENCE

13

## EDUCATION

Bachelor of Science  
 Electrical Engineering  
 Illinois Institute of Technology  
 2006

## PROFESSIONAL ASSOCIATIONS

Consulting Electrical Engineers (CEE) – Illinois Division  
 Illinois Water Environment Association  
 Electrical, Power, Energy and Controls Committee

## AWARDS

2019 ACEC Missouri Engineering Excellence Honor Award, Project Manager/Design Lead: Lemay Pump Station Electrical System Transformation, Metropolitan St. Louis Sewer District, St. Louis, Missouri  
 2018 ACEC Indiana Engineering Excellence Merit Award, Electrical Engineer: Cloth-Media for CSO Treatment, Rushville, Indiana  
 2018 ACEC Illinois Engineering Excellence Merit Award, Project Manager/Lead Designer: Electrical Modernization of 20-mgd Water Facility, Illinois American Water Company, Peoria, Illinois  
 2018 ACEC Indiana Engineering Excellence Merit Award, Electrical Engineer: Cloth-Media for CSO Treatment, Rushville, Indiana  
 2014 ACEC Illinois Engineering Excellence Grand Concept Award, Lead Electrical Engineer: IDOT Pump Station 7 associated with Wacker Drive and Congress Parkway Reconstruction at Chicago, Illinois  
 2013 ACEC Indiana Engineering Excellence Honor Award, Construction Engineer - Electrical: Overflow Reduction through CSO Abatement Projects at Goshen, Indiana  
 2013 ACEC Indiana Engineering Excellence Merit Award, Lead Electrical Engineer: Long-Term Control Plan and Plant No. 1 Improvements Project at Auburn, Indiana  
 2011 ACEC Minnesota Engineering Excellence Honor Award, Electrical Engineer: New Wastewater Treatment Facility at Willmar, Minnesota  
 2011 ACEC Missouri Engineering Excellence Grand Award, Electrical Engineer: Aeration-Defention System at O'Fallon, Missouri

Mr. Stohl is a senior electrical engineer whose career experience has specialized in the design and construction of water and wastewater facilities including a variety of pump stations. He has been responsible for project management on complex electrical distribution systems; electrical planning and design for water related infrastructure projects; and construction oversight including attendance at factory witness testing and coordinating electric utility outages. His areas of expertise include:

- Electrical Service and Power Distribution (through 34.5kV)
- Commissioning Assistance
- Factory Acceptance Testing
- Emergency and Standby Electrical Power Systems
- Switchgear and Switchboard design
- Motor Control and Motor Control Center Design
- Voltage Drop Design/Calculations
- Grounding and Lightning Protection Design
- Lighting and Lighting Control Design
- Fire Alarm System Design
- Intrusion and Security System Design
- Code Interpretations and Applications

**High Service Pump Station, Illinois American Water, Sterling, Illinois.** Lead Electrical Engineer: For the replacement of the existing high service finished water pump station at the ILAWC Sterling District East WTP. Project includes an assessment of pump station alternatives, field investigations including survey, geotechnical borings, and utility location, coordination with package pump station supplier, wet well detailed design, demolition of existing station, and enclosures for four raw water well pumps and meter facilities. Station consists of three 750 gpm pumps, VFDs, wet well, and electrical facilities.

**Main Station Electrical Upgrade, Illinois American Water, Peoria, Illinois.** Project Manager, Lead Design and Resident Engineer: This project included the replacement of the existing electrical distribution system for the 21-mgd facility, the de-commissioning of Pump Station No. 1, automation of the High Service Pumping system, and the hydraulic expansion of Pump Station No. 2. Electrical design consisted of three aerial reclosers in a main-tie-main arrangement to accept the dual 13.2kV utility sources and control the flow of power over the aerial loop so each half of the loop is normally connected to a separate utility source. The aerial distribution consisted of bare conductors supported on poles with cross-arms with select poles have fused cutouts, single phase transformers, and LED lighting. To provide redundancy throughout the 480V distribution, each half of the aerial loop fed split bus switchgear and switchboard equipment equipped with SEL-751 relaying via 13.2kV – 480V padmount transformers. A 2.0 MW engine-generator was designed with 13.2kV metal clad, circuit breaker switchgear to back-up the utility sources equipped with SEL-751 and 700G relaying. The electrical equipment for the Pump Station included 3,200-amp switchgear, variable frequency drives, harmonic filters, and induction motors for 400-hp, 700-hp, and 1,000-hp High Service Pumps. Special project challenges included designing an electrical distribution system with equipment located out of the floodway (site located on Illinois River) which required foundations several feet high for the new exterior equipment, installing equipment in structures that are listed to the Illinois Historical Society meaning that structure façades could not be altered, keeping the plant operational while it is transitioned from a 2.4kV to 13.2kV distribution system, and automating a pump system that has several ancillary systems including priming water, seal water, and corrosion inhibitor.

**Main Station Electrical Upgrade Study, Illinois American Water, Peoria, Illinois.** Lead Electrical Engineer: Evaluated various alternatives to upgrade the 21-mgd Water Treatment Plant's electrical distribution system. The project included site visits, inventory of equipment, investigation of equipment condition, coordination with the electric utility to provide redundant services and recommendations for equipment replacement and upgrade. The following 4,160V equipment was investigated to replace 2,400V

**AWARDS (continued)**

2010 ACEC Wisconsin Engineering Excellence State Finalist, Electrical Engineer: Wastewater Plant Expansion & Optimization at Two Rivers, Wisconsin

**PRESENTATIONS**

"Lincoln Source Water – The Odyssey," Illinois AWWA Source Water Summit, May 2019

"Addressing Single Point Failures in Electrical Systems," Wisconsin AWWA Annual Meeting, September 2018

"Conquering Floods, Maintaining Historic Sites, and Re-Purposing a 45-Year-Old Asset: The Story of Peoria Main Station's Electrical Improvements," Illinois WATERCON Conference, March 2018

"Stormwater Pump Station 101: Keeping the Pavement Dry" Association of Highway Engineers Annual Conference, September 2017

"Electrical Upgrades at a 21 MGD Water Plant" Stewart Spreading Field Day, September 2017

"Identifying Weak Points in Electrical Systems," Missouri WEA and Missouri AWWA Joint Meeting, March 2017

"Electrical Distribution System Vulnerabilities" Illinois AWWA WATERCON Conference, March 2015

equipment, fused interrupter switchgear (manual and electrically operated), aerial load break switches (manually and electrically operated), aerial fault interrupting switches, padmount switchgear and transformers, active front end variable frequency drives with built in bypass, reduced voltage solid state starters, induction motors, secondary unit substations, automatic transfer switches and diesel engine-generators. Recommendations were made based on capital costs, equipment safety and maintenance, and system redundancy.

**Well Field Development and Water Treatment Facilities Design, South Sangamon**

**Water Commission, Chatham, Illinois.** Lead Electrical Engineer: Development of design concepts for a 4.1 mgd water treatment facility. Processes include well fields, aeration/detention, microfiltration, ion-exchange softening, high service pumping, and chemical feed facilities for sodium hypochlorite, hydrofluosilicic acid, caustic, and citric acid. Electrical design included the design and installation on a 12.47kV switchgear with auto-throwover system, 1,000kW 12.47kV emergency diesel generator, 480V motor control center to power process loads, single phase medium voltage feed the well fields, use variable frequency drives for phase conversion and ten variable frequency drives and harmonic filters ranging in size from 40 hp to 200 hp. Special project challenges included feeding the nine Well Fields located on average 1.5 miles away from Water Treatment Plant, designing a distribution system at each Well Field out of the flood plain, and coordinating incoming power between two separate utility companies. Construction related services including answering contractor questions and shop drawing reviews were also provided.

**Streator Water Treatment Facility Improvements, Illinois American Water, Streator,**

**Illinois.** Lead Electrical Engineer: This project included the replacement of the river intake pump station with three new vertical turbine pumps with a capacity of 10 mgd and replacement of the Carbon Building. Electrical design included tying into an existing 1600 amp switchboard and re-feeding several facilities throughout the site. Design included a new variable frequency drive for the 60-hp reservoir pump and relocated of existing chemical feed equipment to the new facility.

**Interurban East St. Louis Water Treatment Facility, Electrical Improvements Project Value Engineering and Peer Review, Illinois American Water, East St Louis, Illinois.**

Project Manager and Lead Reviewer: This project included review of the design concepts for the estimated \$7.2M project that involves the installation of a new building to house switchgear along with exterior diesel engine generators. The preliminary design consisted of a split bus 4160V circuit breaker switchgear and two 3.0 MW generators sized to provide standby power for a peak day. One of the generators could be taken out of service and still maintain power for an average day. The switchgear would replace aged equipment that had ratings and coordination limitations. During the value engineering session it was recommended to reduce the generator sizes to save on capital costs (\$300k per generator). By using diesel engines on select High Service Pumps, the engine generator sizes could be reduced. Further, utilizing the engine driven pumps provides the plant with additional reliability which will allow for system pressure to be maintained in the event of a utility outage. Money saved through the value engineering session allowed the Water Company to include additional equipment replacements to be added to the project including upgrading the feeders to the River Intake. Construction sequencing was verified and recommendations were made to limit the amount of temporary electrical equipment that would be required during construction as well as limit the amount of outages to the plant processes.



JOSEPH V. PISULA, PE

**PROFESSIONAL ENGINEER**  
Illinois: 62040825

**YEARS OF EXPERIENCE**  
41

**EDUCATION**  
Bachelor of Science  
Environmental Engineering  
Pennsylvania State University  
1978

**PROFESSIONAL ASSOCIATIONS**  
ACEC Illinois

**AWARDS**  
2016 ACEC Missouri Engineering Excellence  
Grand Award, Civil Engineer: Jefferson  
City-Cole Junction Pump Station and Force  
Main

2005 Engineering Excellence Merit Award -  
ACEC Illinois, Project Manager: Headworks  
Study and Design, Decatur Sanitary District,  
Illinois

**PRESENTATIONS**  
"Operation Rolling Thunder, Solving a  
Forecmen Mystery in Charleston, IL," Illinois  
Wastewater Professionals Conference, April  
2017

"Decatur Sanitary District Digester  
Upgrades," Central Illinois Professional  
Wastewater Operators, July 2015

"Decatur Digester Rehabilitation and Mixer  
Replacement," WATERCON, March 2014  
"Starting a Water System from Scratch in  
Illinois: A Case Study," WATERCON, Illinois  
AWWA and Illinois WEA Joint Conference,  
March 2013

"Cost Effective Waste Treatment Solutions,"  
Illinois City/County Association Fall Meeting,  
August 2010

"How to Survive A CSO Long-term Plan  
without Braking the Bank," Illinois Rural  
Water Association Annual Meeting,  
February 2010

"I Need Another Anaerobic Digester, Don't  
I? - A Case Study at the Rantoul, IL  
Wastewater Treatment Plant" Central  
States Water Environment Federation  
Annual Meeting, Lincolnshire, Illinois, May  
2009

"Rantoul Water Plant Collapse /  
Reconstruction," Wisconsin Water  
Association Annual Meeting, September  
2008

"CSO Long Term Control Planning for Small  
Illinois Communities," Central Illinois  
Professional Wastewater Operators  
Summer Meeting, July 2008

"Low Pressure Sewers," Illinois Rural Water  
Association Annual Conference, October  
2007

Mr. Pisula has 41 years of experience in all phases of water and wastewater projects. His duties include facilities plan reports, treatment process sizing and design, preparation of construction contract documents and specifications, construction cost opinions, grant and loan administration, construction observation and administration, plant start-up, and O&M manual preparation. He has extensive experience administering SRF and DWRf loans. He has administered over \$183 million in SRF/DWRf loans in various states since 1997.

**South Logan Booster Station and Ross Lane Elevated Tank, Danville, Illinois.** Assistant Engineer: Study and design to eliminate low water pressure problems in the south end of the City. Improvements included the construction of a 1-million-gallon elevated storage tower and an underground package booster pump station and control system. Duties included completion of a hydraulic model of the south pressure zone, engineering assistance during the preliminary study, project cost opinions, site design, and preparation of the plans and specifications.

**Elevated Tank, Westville, Illinois.** Process Engineer: Design phase services of 100,000-gallon elevated storage tank at the south side of the Village. Prepared detailed plans and specifications, compiled the construction cost opinion, and provided bid phase assistance.

**High Service Pump Station, Illinois American Water, Sterling, Illinois.** Quality Control Engineer: Replacement of the existing high service finished water pump station at the ILAWC Sterling District East WTP. Project includes an assessment of pump station alternatives, field investigations including survey, geotechnical borings, and utility location, coordination with package pump station supplier, wet well-detailed design, demolition of existing station, and enclosures for four raw water well pumps and meter facilities. Station consists of three 750 gpm pumps, VFDs, wet well, and electrical facilities.

**Water Distribution Study, Illinois American Water, Champaign, Illinois.** Project Manager: Managed this project that included a water distribution study for the ILAWC-Champaign District utilizing an existing WaterGems hydraulic model. The two primary objectives were to analyze the adequacy of the transmission main supplying the south service area and to recommend system improvements necessary to create an additional pressure zone to accommodate future growth.

**Illinois American Water Company, Wastewater Plant Upgrade – Phases 1 and 2, Homer Glen, Illinois Service Area.** Study Phase Engineer: Compiled and secured IEPA-approval on the Facilities Plan Report for this two-phase, \$20 million project that will regionalize ILAWC's two wastewater plants and which will add biological nutrient removal (BNR) facilities for removing total phosphorus and total nitrogen from the plant flows. Also served as lead negotiator between ILAWC and two environmental groups that had a regulatory interest in the project. Also serving as Project Manager on the design of Phase 1, which includes the addition of a new SCADA system, new aeration basins and selector zones, new high efficiency blowers, new clarifiers, a new UV disinfection system, new chemical feed systems, and new standby generator.

**Water System Improvements, Sangamon Valley Public Water District, Mahomet, Illinois.** Construction Phase Project Manager/Loan Manager: Took over from another consultant the construction management duties and DWRf Loan Administration during the construction of this \$6.8 million drinking water project that included one new 500 gpm well, a 250,000 gallon ground storage tank and booster pump station and 1,000 gpm ion exchange softening plant. Duties included rectifying previous loan deficiencies, loan reimbursement request preparation, and loan amendment processing, all completed in a timely manner.

**New Water Treatment System and Well Field, Chatham, Illinois.** Project Manager: 3.3 mgd all-new water softening treatment plant that utilized the microfiltration and ion exchange softening processes, as well as aeration and detention facilities. The project also included a new well field consisting of nine shallow alluvial wells drilled into a flood



**PRESENTATIONS (continued)**

"Nutrient Removal technologies," Illinois Rural Water Association Northern Section Meeting, October 2006

"Upgrades to Lift Stations in Marquette, MI," Central States Water Environment Association Conference, May 2006

"Marquette Lift Stations, Let's Take Our Four Largest Wastewater Lift Stations Out of Service This Summer and Not Lose any Sleep at Night: A Case Study," ISAWWA/IWEA Joint Water Conference, March 2006

"Operator Input During Design," Missouri Water Environment Federation Annual Meeting, March 2005

"Grit System Improvements, Decatur, IL Wastewater Treatment Plant – A Case Study" Illinois Water Environment Federation Annual Meeting, March 2005

"Lincoln WWTP Upgrade," Illinois Association of Water Pollution Control Operators Annual Meeting, April 2004; Illinois Association of Wastewater Operators Regional Conference, October 2003

prone area. The project allowed the Village of Chatham and other communities to develop their own source of supply and treatment system and to become independent from its existing third party bulk water supplier.

**Water Plant Addition, Oakwood, Illinois.** Project Manager: Design, construction, and start-up phases of addition to the Village's 0.5-mgd surface water treatment plant. Processes added to the facilities included new finished water transfer pumps, a new 100,000-gallon ground storage tank, new high service pumps, and new pumping system controls. Duties included management and administration of the Village's Illinois First grant, which funded the project entirely.

**Water Plant Upgrades and New SCADA System, Rantoul, Illinois.** Process Engineer and Project Manager: Major plant upgrades in 1997 and 2007. In 1997, Mr. Pisula designed portions of the upgrade to this 4.75-mgd split treatment lime softening groundwater plant, including two new rapid sand filters media, valves, and controls, and the addition of a new plant SCADA system. In 2007, he managed a \$4.9 million upgrade that was caused by a roof collapse in the east end of the plant. That upgrade included an upgrade to the SCADA system, the replacement of the collapsed building, and the addition of carbon dioxide for pH control plus a new 30-foot diameter Claricone unit.

**Water Plant Upgrade, Pontiac, Illinois.** Project Manager: Final design and construction phases of multi-phase surface water treatment plant upgrade. Improvements included increasing production capacity from 3 mgd to 4 mgd, new chlorination facilities, and new treatment, storage, and recycle facilities for spent backwash water and residue blowdown flows. Facilities added include a new 1-mgd treatment unit, two filter units, filter effluent transfer pumps, and control system using Intellution operator interface software running on an IBM-compatible PC. Duties included selection and management of design consultants, construction management, coordination with plant production staff, and control system design philosophy.

**NPDES Permit Compliance Project, Streator, Illinois.** Project Manager: Addition of new treatment, storage, and recycle facilities for spent backwash water and residue blowdown flows for surface water treatment plant upgrade. Improvements included new earthen lagoons for process waste storage and new waste transfer pumps and controls. Duties included preparation of program plan and budget, management of design consultant, construction management, and coordination with plant production staff.

**Low Service Pump Replacement, Streator, Illinois.** Lead Engineer: Design phase of replacement of the plant's low service pumps. Duties included completion of the initial project planning and budgeting, pump hydraulic calculations, pump and valve selection, equipment and piping layout, plans and specifications, construction contract bidding, selection of the electrical subconsultant, and coordination with plant production staff.

**Water Distribution System Master Plan, Rantoul, Illinois.** Project Manager: This 2008 study compiled a comprehensive water distribution plan for the currently undeveloped areas beyond the Village's corporate limits. The study utilized WaterCAD software for the evaluation. The analysis also examined several options for resolving low pressure problems in the west end of the Village. The study recommended the creation of a second pressure zone which would be created in conjunction with growth out into undeveloped areas that are relatively high in ground surface elevation.



# ERIC COCKERILL, PE, BCEE

**PROFESSIONAL ENGINEER**  
Illinois: 62053666

**PROFESSIONAL DESIGNATION**  
Board Certified Environmental Engineer –  
American Academy of Environmental  
Engineers (Water/Wastewater Engineering)

**YEARS OF EXPERIENCE**  
25

**EDUCATION**  
Master of Science  
Environmental Engineering  
University of Michigan  
1995  
  
Bachelor of Science  
Environmental Engineering  
Northwestern University  
1994

**PROFESSIONAL ASSOCIATIONS**  
Illinois Water Environment Association  
Water Environment Federation  
American Public Works Association  
American Academy of Environmental  
Engineers  
ACEC Illinois

**PUBLICATIONS**  
“CFD Modeling Optimizes the Design of  
Primary Settling Tanks at MWRDGC’s  
Columet Water Reclamation Plant,”  
WEFTEC, 2008 (with E. Podczerninski, E.  
Brosius, T. Weber, M. Garcia, X. Liu, and C.  
Brunner).

“Elevated Water Tower: Cooperation/ The  
Cutting Edge/ The Competitive Edge,” Illinois  
Section of the American Water Works  
Association Conference, Springfield, Illinois,  
2004 (with E. Claffelter).

**PRESENTATIONS**  
“Biosolid Management Approaches,” IAWWA  
Technical Meeting, July 2019

Efficient Design of High Efficiency Blowers:  
Dynamic Modeling and Control Strategies  
Reduce Costs,” WATERCON, March 2014

How Much Chemical Will I Really Need?  
Estimating Chemical Demands for  
Phosphorus Removal,” WATERCON: Illinois  
IAWWA and Illinois WEA Joint Conference,  
March 2013

The Role of Owner, Contractor, and  
Engineer during Construction,”  
SAWWA/WEA Joint Conference,  
Springfield, Illinois, 2009.

Challenges and Successes of Residuals  
Solids Treatment Startup,” ISAWWA/WEA  
Joint Conference, Springfield, Illinois, 2006.

Mr. Cockerill has 24 years of experience in water and wastewater treatment facilities. This includes conceptual and detailed design for wastewater treatment and collection system projects encompassing lift stations, sewers, CIP sewer rehabilitation, grit removal systems, scum handling, biological nutrient removal, chemical treatment/ disinfection, wet weather treatment, sludge pumping, sludge thickening and sludge conditioning. His work in water drinking facilities includes pump station design and rehabilitations, control strategy development, water transmission main design, and O&M manual development.

He also has experience with many computer models used in planning and design of water, wastewater and water resources projects. These include H2ONET, XP-SWMM, HYDRA, BLOWIN, and STOAT.

In addition to his pre-construction experience, Mr. Cockerill has been involved with construction phase engineering services including a \$168 million sludge treatment project, \$27 million water treatment plant upgrade, \$2.5 million elevated water storage tank, and \$5 million wastewater biosolids processing improvement project. He has been responsible for coordination of office services, submittal review, schedule review, contractor claim review, and correspondence with contractors.

**Elevated Water Storage Tank Design and Construction, Lake Bluff, Illinois.** Project Manager: As part of the Central Lake County Joint Action Water Agency water system plan, designed a 1.5MG, 200-foot tall elevated water storage tank to provide additional operational storage and surge protection for the area. The tank also provides key protection to the system downstream of the booster station. Project manager and resident engineer during the construction phase of the project. Responsible for onsite inspection, submittal review, RFI response, pay application review, change order review, and construction document control coordination. Total construction cost is \$2.3 million.

**Chickasaw Hills WRF Regionalization Phase I, Illinois American Water Company, Homer Glen, Illinois.** Technical Advisor: Design for the replacement of an existing packaged wastewater facility with a new biological nutrient removal facility with UV disinfection and aerobic digestion. Work included review and input for design of aeration basins, secondary clarifiers, aerobic digesters, UV disinfection, post aeration, and blower facilities.

**East Side Influent Pump Station, East Side Treatment Plant, Joliet, Illinois.** Project Principal: Project involved design of a replacement for the existing influent pump station and screening facility. Station designed for 45 mgd expandable to 75 mgd in the future using four dry-pit submersible pumps. Two screens included with full redundancy. Screens are 35 feet deep and able to be pivoted out of the channel for maintenance.

**Replacement Lift Station Design, West Chicago, Illinois.** Project Manager: Prepared the preliminary and detailed design for a 1.2-mgd sanitary lift station. Responsibilities included reviewing wastewater flow projections, reviewing the sizing and design of the sanitary lift station tributary to the proposed station, and identifying requisite design characteristics. Responsible for pump selection (submersible, non-clog pumps), station layout design, and the development of process mechanical equipment specifications.

**Phase 2 Improvement Project, Lake Bluff, Illinois.** Project Manager: Construction services project for the Central Lake County Joint Action Water Agency Phase 2 Improvement Project. Involves new construction of a dedicated residual solids processing train to support previous increases to the plant’s treatment capacity. The project includes the construction of an expanded maintenance area, installation of additional power generation to provide peak shaving ability, a new backwash sedimentation basin, gravity thickeners, and centrifuge dewatering equipment. In addition, the project included a new 2.5MG underground clearwell and the addition of ultraviolet disinfection to augment existing sodium hypochlorite disinfection. Responsibilities include onsite inspection, submittal review, RFI response, change order review, special coordination of field changes, and construction document control coordination. Total construction cost is approximately \$27 million.

**Pump Station Improvements and Reservoir Project, Oak Park, Illinois.** Lead Engineer: Responsible for the evaluation, design, and specification of existing equipment removal and salvage, two 2,600-gpm pumps, piping, chlorination system, valves, flow meter, and appurtenances for each station. Coordinated assignments with a multidisciplinary staff and attended public meetings to explain the project, answer resident questions, and coordinate with the Village's landscape architect. Also reviewed conceptual and detailed designs of a 2.5-million-gallon belowground water reservoir.

**Leclaire Water Pumping Station and Reservoir Project, Bedford Park, Illinois.** Lead Engineer and Assistant Project Manager: Design of a 5MG prestressed wire wound above ground storage tank and 45-mgd pumping station. Prepared detailed drawings and specifications, provided office support during construction activities, and coordinated activities of a multidisciplinary project team that included mechanical, structural, electrical and architectural engineers. Responsible for the design and specification of pumps, piping, valves, and appurtenances.

**Cumana-Carupano Water and Wastewater Master Plan, Venezuela.** Lead Design Engineer: Participated in overseas assignment involving master planning water and wastewater infrastructure improvements for two cities in Venezuela (350,000 inhabitants total). This project for Ministerio del Ambiente y de los Recursos Naturales Renovables involved field investigations throughout the systems including flow measurement using non-intrusive ultrasonic flow meters for the water distribution system and open channel ultrasonic flow meters for the wastewater collection system. In addition, hydraulic modeling was performed on both the water distribution system and wastewater collection system using H2ONET and Hydra Graphics 3.0. Detailed land use patterns and growth rate estimates were developed to estimate future demands on the water and wastewater systems. An analysis of improvement alternatives was completed for the final report involving all aspects of the Master Plan. The recommendations included operational and capital improvements.

**Pump Station Rehabilitation, District 1, Illinois Department of Transportation, Schaumburg, Illinois.** Quality Control Engineer: Provided QA/QC for mechanical systems and design of necessary mechanical improvements to rehabilitate the following IDOT Pumping Stations: PS No. 8 , PS No. 12, PS No. 14, PS No. 24 and PS No. 37.

**Pump Station Assessment Study, Illinois Department of Transportation.** Mechanical Engineer: Assessment study for all pump stations located in Districts 2 through 9. The project included visiting the stations, performing visual inspections, meeting with maintenance personnel to find equipment history and writing reports detailing deficiencies and cost options to correct the deficiencies.

**Phase 2 Operations and Maintenance Project, Lake Bluff, Illinois.** Project Manager: As part of the Central Lake County Joint Action Water Agency Phase 2 Improvements Project, updated the Agencies O&M Manual by creating an electronic O&M Manual based on the existing manual and the new equipment installed as part of the project. The manual provided access to all equipment O&M manuals as well as provides overall system information including standard operating procedures and troubleshooting guides. In addition, O&M specialists will review manufacturer's information and original design documents to prepare a system level training to Agency staff. The end result will be an O&M information system that will provide the basis of training for new employees, the primary reference for operations and maintenance staff, and be maintained by the Agency. Responsibilities include coordination of design review and input from the engineering disciplines, mechanical process review, coordination with construction services efforts, and supervision of O&M specialists.





TIMOTHY J. BATES, PE, SE

**PROFESSIONAL ENGINEER**

Wisconsin: 42074  
 Indiana: PE11400728  
 Michigan: 6201062732  
 Minnesota: 53323  
 Iowa: 24245

**STRUCTURAL ENGINEER**

Illinois: 081.007911

**CERTIFICATIONS**

2-Hour OSHA, 2017  
 Confined Space Entry

**YEARS OF EXPERIENCE**  
12**EDUCATION**

Master of Science  
 Structural Engineering  
 Michigan Technological University  
 2008

Bachelor of Science  
 Civil Engineering  
 Michigan Technological University  
 2006

**PROFESSIONAL ASSOCIATIONS**

American Society of Civil Engineers  
 American Concrete Institute  
 American Institute of Steel Construction

**AWARDS**

2018 ACEC Indiana Merit Award Structural Engineer: City of Rushville Utilities - Cloth-Media Disk Filters for CSO Treatment, Rushville, Indiana

Mr. Bates has extensive structural planning, design and construction experience on specialized and complex projects. His structural engineering experience includes the following:

- Inspection and structural evaluation of existing structures
- Design and detailing of repairs and modifications to existing concrete, steel and wood structures
- Design of environmental structures
- Field engineering to address construction conflicts

**Pump Station Assessment Study, Illinois Department of Transportation.** Structural Engineer: Served as a structural engineer on an assessment study for all pump stations located in Districts 2 through 9. The project included visiting the stations, performing visual inspections, meeting with maintenance personnel to find equipment history and writing reports detailing deficiencies and cost opinions to correct the deficiencies.

**Pump Station Rehabilitation, District 1, Illinois Department of Transportation, Schaumburg, Illinois.** Quality Control Engineer: Provided QA/QC for structural systems and design of necessary structural improvements to rehabilitate the following IDOT Pumping Stations: PS No. 8, PS No. 12, and PS No. 14.

**Phase II Design Services, Pump Station 37 Relocation, District 1, Illinois Department of Transportation, Schaumburg, Illinois.** Structural Engineer: Provided structural engineering for this new 6,000 gpm pump station being relocated due to anticipated highway expansion.

**Phase II Services, District 1, Illinois Department of Transportation, Schaumburg, Illinois.** Structural Engineer: Provided structural engineering for Phase II work, which included bringing the pump station into conformance with current standards and extending the useful life for stormwater pump station No. 14. Structural modifications included a new below grade discharge chamber, including reinforced concrete structural top slab to support a masonry electrical room above.

**Biosolids Holding Tank, Naperville, Illinois.** Lead Structural Engineer: Design and construction of a conventionally reinforced above grade 550,000 gallon biosolids holding tank with hyperbolic mixer and sparger to replace an existing deteriorated steel tank. Design included the incorporation of a large below grade vault attached to the tank with enclosed stairway access from grade as well as future considerations for a second tank in the future. Project required the specification of a flat, trussed, aluminum cover system with integral hatches as well as design and modification of associated support structures. Project drafting included development of a three dimensional structural model, which when combined with the site and piping models, allowed a virtual walkthrough of the design prior construction.

**Disinfection System Upgrade, Brookfield, Wisconsin.** Lead Structural Engineer and Construction Services Manager: Design and construction services for upgrading the existing gaseous chlorine/sulfur dioxide feed, storage, and mixing systems to chemical disinfection/dechlorination feed, storage, and mixing systems. Project included modifications to existing structures to accommodate new chemical systems and overall upgrades to bring structure into compliance with modern building code. Construction phase services included all phases of the construction project from preconstruction meeting, through RFIs, submittals, pay application, dispute resolution, and approval of final payment application. Overall project construction costs were \$900,000 and were completed in just over one year.

**UV Disinfection Facility, Sheboygan, Wisconsin.** Resident Project Engineer: Project involved an addition to an existing water treatment facility for two new Ultraviolet Disinfection (UV) reactors. Construction related services included regular site inspections, coordination between contractor, sub-contractors, and owner, submittal review, pay application and change order processing, project documentation, and addressing field conflicts. Overall project construction costs were \$2.9 million and were completed over an 18-month duration.

**Primary Clarifier Rehabilitation, Holland, Michigan.** Lead Structural Engineer/Assistant

Project Manager: Donohue was retained by the Holland Board of Public Works to provide planning, design, and construction phase services for improvements to its wastewater primary clarifiers. The project focusses on the rehabilitation of the facilities four existing covered primary clarifiers. Design includes: the condition assessment of the clarifier concrete; evaluation of the aluminum covers and structural elements; recommended rehabilitation methods; and design and specification of the rehabilitation approach.

**WWTP Secondary Treatment System Upgrades, Battle Creek, Michigan.** Lead Structural

Engineer: Completed the preliminary design for high efficiency blower improvements, advanced aeration controls, biological nutrient removal, and advanced nutrient controls for the secondary treatment system. Structural work includes design of new equipment support bridges, analysis of existing reinforced concrete structures for change in use, and new structural steel framing to support an outside monorail system.

**Thickening Centrifuge Replacement, Wyoming, Michigan.** Lead Structural Engineer/

Assistant Project Manager: Donohue was retained by Wyoming to provide planning, design and construction phase services for the replacement of one of the facility's thickening centrifuges. Design includes upgrades to the building to meet current codes, coordination with selected equipment vendor and integration into the existing systems.

**Biosolids Master Plan, East Lansing, Michigan.** Lead Structural Engineer: Completed a comprehensive evaluation of long-range biosolids disposal options. All possible options were initially considered and then economic and qualitative aspects of each option were developed to allow the stakeholders to narrow down the choices. Structural evaluation considered cost of renovations of existing buildings and structures. Final options for consideration were considered at a conceptual project level to accurately evaluate how the proposed facilities would be located on the site and the capital and operational cost for each. The outcome will be a well-defined phased plan for facility improvements.

**Wastewater Treatment Plant Improvements, Whitewater, Wisconsin.** Structural Engineer: Following a detailed facility plan developed by Donohue, a design aimed at upgrading aging infrastructure throughout Whitewater's wastewater treatment plant was produced by Donohue. This included several new structures including a high strength waste receiving station and tank, sewer jetter cleanout pad, and a prefabricated wood storage building among other renovations to existing structures.



**PROFESSIONAL ENGINEER**  
Illinois: 62065438

**YEARS OF EXPERIENCE**  
11

**EDUCATION**  
Bachelor of Science  
Agricultural Engineering  
University of Illinois  
2008

Mr. Gray is experienced in the design of water treatment and distribution facilities and wastewater collection and treatment facilities.

**High Service Pump Station, Illinois American Water, Sterling, Illinois.** Lead Civil Engineer: For the replacement of the existing high service finished water pump station at the ILAWC Sterling District East WTP. Project includes an assessment of pump station alternatives, field investigations including survey, geotechnical borings, and utility location, coordination with package pump station supplier, wet well detailed design, demolition of existing station, and enclosures for four raw water well pumps and meter facilities. Station consists of three 750 gpm pumps, VFDs, wet well, and electrical facilities.

**Pump Station Vulnerability and Risk Assessment Study, Metropolitan Water Reclamation District of Greater Chicago, Illinois.** Project Engineer: Assisted the project team with the analysis of alternate routes and methods for gravity conveyance of wastewater.

**Front Street Lift Station Replacement, Monticello, Illinois.** Project Engineer: The project consisted of the replacement of an existing self-priming type sanitary lift station with a new fabricated self-priming lift station with a natural gas fueled standby engine (including demolition and removal of existing lift station and portions of force main), approximately 610 feet of 8-inch force main and fittings, 35 feet of gravity sewer piping, and a new wet well. Project responsibilities include civil site design, new packaged pump station design, new force main design, project permitting, bid document preparation, and construction inspection services.

**Singleton, Zion, and K-Mart Pump Stations Upgrade, Lincoln, Illinois.** Project Engineer: The project consisted of replacing or upgrading the existing Singleton, Zion, and K-Mart sanitary pump stations. The project also included the design of new gravity sewers and a new discharge force main using horizontal directional drilling methods. Project responsibilities included site civil design, pump station replacement coordination, bypass pumping coordination, force main design, gravity sewer design, site surveying, bid document preparation, and multidiscipline coordination with other regional Donohue offices.

**Well Field Design, Chatham, Illinois.** Project Engineer: Design services for the construction of a well field to supply raw water to the South Sangamon Water Commission Water Plant. Total capacity of the well field is 3 mgd. Project responsibilities include site civil and process design of nine vertical wells within the Sangamon River Floodplain.

**Water System Upgrade, Penfield Water District, Illinois.** Lead Engineer: This project consisted of the replacement of all the process equipment in the Penfield Water District Plant. Mr. Gray designed replacement aerator, detention tank, pressure filter, and high service pumping equipment for the 50-gpm plant.

**Induced Draft Aerator Replacement, Gibson, Illinois.** Project Engineer: Project consisted of replacing the aerator at the Gibson City Water Plant. Project responsibilities included site visits, drawing production, and bidding assistance.

**Raw Water Main and Lagoon Effluent Force Main, Chatham, Illinois.** Project Engineer: The project consisted of the construction of approximately 6,057 lineal feet of new 20-inch raw water main, 1,082 lineal feet of new 18-inch raw water main, 7,174 lineal feet of new 8-inch red water lagoon effluent force main, and 1,868 lineal feet of 6-inch finished water main. Responsibilities included the civil and process design of the raw water main and lagoon effluent force main, preparation of bid documents, project permitting, and completion of the cost estimate.

**Water Treatment Plant, South Sangamon Water Commission, Illinois.** Project Engineer: The project consisted of the construction of a new 3.1-mgd water treatment plant (including new microfiltration equipment, an induced draft aerator, ion exchange

softening equipment, bolted steel ground storage water tanks, new split case low service and high lift pumps, an above-ground package salt storage and brine feed system, and emergency generator), plus the construction of a new pre-engineered building, new earthen lagoons, new chemical feed equipment, new site piping, site fencing, electrical work, and pavements. Project responsibilities include design of an induced draft aerator for iron removal, design of several bolted steel ground storage tanks (detention tank, clear well, high chloride waste storage tank), design of three pump station of various sizes (400 gpm, 2,100 gpm, and 50 gpm), and design of two red water storage lagoons.

**Booster Pump Station Upgrade, Chatham, Illinois.** Project Engineer: The project consisted of the construction of a new portable water booster pump station at the Village's existing ground storage tank site along with new site water piping, a new generator, and a new transfer switch. Project responsibilities included site civil design work, process piping layout, and preparation of bid documents.

**Route 9 and Wood Street Water Main Replacement, Gibson, Illinois.** Lead Engineer: Project consisted of the replacement of a leaking water main under Illinois Route 9 at its intersection with Wood Street via directional drilling. This project timeline was expedited due to the potential for structural damage to Route 9 due to the leaking water main. Responsibilities included visiting the site, performing a simple site survey, completing the design, producing construction documents, and securing IDOT and IEPA permits.

**Wastewater Treatment Plant Disinfection and Phosphorous Removal Addition, Fisher, Illinois.** Lead Engineer: This project consisted of the design of three new chemical feed systems and two new chemical feed buildings for the Fisher Wastewater Treatment Plant. Mr. Gray's project responsibilities included design of a liquid alum feed system for phosphorous removal, design of a sodium hypochlorite feed system for effluent disinfection, and design of a sodium bisulfite feed system to remove excess chlorine from the disinfected effluent, design of two new chemical feed structures, design of chemical containment areas, civil site design, project permitting with IDOT and IEPA, construction document preparation and bidding services. Mr. Gray also served as the construction inspector.

**High Strength Waste Receiving Station, Sanitary District of Decatur, Illinois.** Project Engineer: This project consisted of the design of a high strength waste receiving station for the Sanitary District of Decatur (SDD). The SDD began receiving high strength wastes from local industry and commissioned Donohue to design a receiving station. Provided site civil design for the project, including the design of fully reinforced pavements for the access road, various site process piping layouts, and storm water conveyance.

**Wastewater Treatment Plant Upgrade, Stelle Community Association, Illinois.** Lead Engineer: Stelle was charged with replacing its existing package activated sludge wastewater plant with a low maintenance, cost effective recirculating sand filter. Performed design and project management service activities related to design and construction of a new 16,000-gallon-per-day recirculating sand filter wastewater treatment plant for the Stelle Community Association. Mr. Gray's project responsibilities included lead process design, manufacturer coordination, multidiscipline coordination with other regional Donohue offices, project permitting, bid document preparation, and compilation of cost estimates.

**Primary Anaerobic Digester's Mixing System Replacement – Facility Plan Amendment Report, Sanitary District of Decatur, Illinois.** Lead Engineer: Wrote a facility plan amendment to the Biosolids Handling Master Plan Donohue previously wrote to secure IEPA funding for a digester mixing project at the Sanitary District of Decatur.



# ARIC H. BERGSTROM, PE

## PROFESSIONAL ENGINEER

Wisconsin: 39114  
Michigan: 6201059305  
Illinois: 062069797  
Indiana: PE11700652

## YEARS OF EXPERIENCE 17

## EDUCATION

Bachelor of Science  
Chemical Engineering  
University of Minnesota  
2002

## AWARDS

2014 ACEC Missouri Engineering Excellence Honor Award, Process Engineer: In-line Storage Optimizes Existing Riverside Pump Station, Jefferson City, Missouri

2013 ACEC Wisconsin Engineering Excellence Grand Award, Process Engineer: Sheboygan Regional WWTP Achieves Net Zero Energy, Sheboygan, Wisconsin

2013 ACEC Indiana Engineering Excellence State Finalist, Process Engineer: Long-term Control Plan and Wastewater Treatment Plant No. 1 Improvements, Auburn, Indiana

## PAPERS

"Wastewater Treatment Plant Upgrades in Grafton, Wisconsin," May 2010, Water Environment Federation Magazine

Mr. Bergstrom has experience as both a Process Engineer and Control Systems Engineer. His experience includes the planning, design, and specification/documentation of treatment processes and equipment and the associated control systems utilizing PLCs, HMI's, and VFDs.

**Chickasaw Hills WRF Regionalization Phase I, Illinois American Water Company, Homer Glen, Illinois.** Controls Engineer: Development of instrumentation and controls plans and specifications for the replacement of an existing packaged wastewater facility with a new biological nutrient removal facility with UV disinfection and aerobic digestion. Including the aeration basins, secondary clarifiers, aerobic digesters, UV disinfection, post aeration, and blower facilities.

**Clearwells and High Service Pump Station, South Milwaukee, Wisconsin.** Project Manager, Process Engineer, and Controls Engineer: Responsible for design of a new 6.0 mgd high service pump station and two 850,000 gallon precast, prestressed concrete clearwells to store finished water. Upgraded plant's ControlNet communication network to Ethernet/IP.

**Carlton Water Treatment Plant, Carlton, Minnesota.** Controls Engineer: Responsible for controls system and telemetry design for a new 350 gpm water treatment plant including a new well, filter equipment, high service pumping, disinfection, acid feed, and a remote meter station. Project provided all new PLC controls and HMI software and included remote site telemetry via Ethernet radios to two wells, the water plant, water tower, meter station, and two sanitary lift stations.

**Raw Water Pump Station, Streator, Illinois.** Process Engineer: Responsible for design of new raw water pump station and activated carbon feed system for the Streator water treatment plant.

**Chemical Phosphorus Removal Gurnee and Clavey Road Water Reclamation Facilities, Gurnee, Illinois.** Process and Controls Engineer: Responsible for design of multi-point chemical phosphorus with online orthophosphate analyzer flow pacing at the North Shore Water Reclamation District's Gurnee and Clavey Road facilities.

**Dewatering Improvements, Plover, Wisconsin.** Process and Controls Engineer: Responsible for design of a new screw press dewatering system for replace the Utility's original belt press.

**Biosolids Dewatering and Drying Improvements, Sheboygan, Wisconsin.** Project Manager/Process Engineer: Responsible for project management and process design of biosolids dewatering and drying facilities at the 40-mgd Sheboygan Regional Wastewater Treatment Facility. The project included preparing owner procurement documents for the City to purchase major pieces of process equipment and then preparing plans and specifications for a contractor to install the procured equipment and other support facilities. The project added screw press dewatering equipment, cake sludge pumping, a medium temperature belt dryer, biosolids cooling and transport equipment, and a biosolids storage silo with a nitrogen blanket for fire suppression. Nitrogen is generated onsite using a rotary screw compressor and membrane separation system.

**Wastewater Treatment Plant Upgrades, Kewaunee, Wisconsin.** Project Manager/Process Engineer: Existing wastewater treatment plant upgrade project to meet ammonia limits. Project included new influent pumping facilities, preliminary treatment, aeration basin expansion and modifications, new blowers, secondary clarifiers, UV disinfection, chemical phosphorous removal, sludge storage, and reed beds.

**Lift Station Evaluation and Design, Appleton, Wisconsin.** Process Engineer: Project to evaluate the performance and condition of an existing lift station, prepare improvement alternatives, and design the selected alternative.

**Wastewater Treatment Plant Improvements, Whitewater, Wisconsin.** Process Engineer: Responsible for facility planning and process for a 2 mgd wastewater treatment facility including preliminary treatment improvements, high strength waste receiving, anaerobic digestion, RAS and scum pumping, aeration blowers, and centrifuge sludge thickening.

**Secondary Treatment Improvements, South Bend Indiana.** Process Engineer: Responsible for design of a 33 mgd RAS pumping system to evenly distribute RAS from seven secondary clarifiers via four pump stations to four aeration basins.

**Digester Mixing Facilities, Sheboygan, Wisconsin.** Project Manager/Process Engineer: Responsible for project management and process design of new digester mixing facilities, digester cover restoration and digester gas distribution piping modifications at the 40-mgd Sheboygan Regional Wastewater Treatment Facility. The project included alternate designs for "linear motion" and internal draft tube digester mixing equipment.

**Solids Handling Study, Sheboygan, Wisconsin.** Process Engineer: Principal author of Near-Term Improvements Solids Handling Study for the Sheboygan Regional Wastewater Treatment Facility. The study examined sludge thickening alternatives, digester mixing technologies, and digester gas distribution piping modifications.

**DO Control Loop Modifications, Sheboygan, Wisconsin.** Process Engineer: Design to modify the existing DO control loop to provide effective, reliable control of aeration basin DO concentrations. The new DO control system uses two separate control loops to maintain the desired DO concentration in each aeration basin. Blower capacity is varied by maintaining a set pressure in the main blower header. DO sensors located in each of the four aeration basins control the position of an electrically actuated air flow control valve on the air header leading to each basin.

**Sludge Management Program Evaluation, North Shore Water Reclamation District, Gurnee, Illinois.** Process Engineer: As part of an overall evaluation of the District's sludge management program analyzed the grit and scum removal operations at all three of the District's WWTPs. Evaluated the possibility of replacing the Waukegan WWTP's Imhoff tanks with new primary clarifiers. The study showed that the Imhoff tanks could be removed from service to reduce odor complaints without overloading the existing primary clarifiers.

**Wastewater Plant Upgrades, Auburn, Indiana.** Process Engineer: Responsible for the design of new high-speed aeration blowers, return activated sludge (RAS), and waste activated sludge (WAS) pumping facilities at Auburn's 4-mgd Plant No. 1.

**Secondary Clarifier Mechanism Upgrade, Milwaukee Metropolitan Sewerage District, Wisconsin.** Process Engineer: Responsible for the design of scum subnatant pumping facilities and plant effluent water chlorination at the South Shore Water Reclamation Facility as part of the Secondary Clarifier Mechanism Upgrade Project.

**Wastewater Treatment Plant Upgrade, Rantoul, Illinois.** Project Manager/Process Engineer: Responsible for process design and project management involving the installation of two new fine screens to replace existing comminutors, new jet mixing equipment of the anaerobic digester, and SCADA system upgrades at this 2.8-mgd WWTP.

**Wastewater Treatment Plant Upgrade, Sheboygan, Wisconsin.** Process Engineer: Responsible for design of screening equipment, screenings conveyance, and screenings washing and compaction at this 15.5-mgd (40-mgd) regional WWTP.



# Kelly A. Simpson, PE, LEED® AP



**PROFESSIONAL LICENSES**  
 Illinois Professional Engineer 1998  
 Missouri Professional Engineer 2007  
 LEED® AP 2009

**YEARS OF EXPERIENCE**  
 25

**EDUCATION**  
 Coursework for Master of Business  
 Administration  
 Lindenwood University 2002-2003

Bachelor of Science  
 Civil Engineering  
 Southern Illinois University -  
 Edwardsville  
 1993

**PROFESSIONAL ASSOCIATIONS**  
 American Public Works Association  
 American Water Works Association-  
 Water for People Committee and  
 Women in Water Committee  
 Society of American Military  
 Engineers

Metro Water Infrastructure  
 Partnership

**COMMUNITY ASSOCIATIONS**  
 Triad School Board Member  
 Triad Foundation – President  
 United Way of Greater St. Louis –  
 Board of Directors  
 Illinois Division of United Way – Past  
 Chair

Madison County, Illinois Planning  
 Commission

## EXPERIENCE

Ms. Simpson is the co-owner and co-founder of Flinn Engineering, LLC. Ms. Simpson's experience includes planning, designing, and managing construction of drinking water infrastructure including treatment, distribution, pumping, and storage. Her experience includes surface water and groundwater treatment plants ranging from 4 million gallons per day (mgd) to 60 mgd and water main ranging from 2 inches to 60 inches. She has developed and calibrated hydraulic models using WaterCAD/WaterGEMS and utilized the hydraulic models to plan future infrastructure improvements, isolate operational issues, and recommend operational strategies to improve efficiency. Additional planning work includes demand projections, emergency power analysis, treatment plant analysis, and pumping/storage analysis. Ms. Simpson also has extensive experience collaborating with operations and maintenance staff to successfully troubleshoot and solve operational issues associated with water treatment and pumping.

## PROJECTS

**LT2ESWTR Bin 2 Compliance Conceptual Design, Illinois American - Granite City and Alton.** Subconsultant/Project Engineer. This project included preparing a study comparing alternatives to comply with the LT2ESWTR Bin 2 requirements. Responsible for preparing hydraulic profiles of alternative UV configurations at the Granite City (15.2 mgd) and Alton (16 mgd) water treatment plants, preparing piping layout for the alternatives, preparing cost estimates for the alternatives, preparing exhibits for the study, and preparing relevant sections of the study.

**Source of Supply and Production Facility Study, Illinois American – East St. Louis and Granite City.** Project Engineer. Prepare a study with recommended improvements and estimated costs for two (2) Mississippi River Inlakes and two (2) water treatment plants. The treatment plants are rated at 15.2 mgd and 56.6 mgd. The improvements were based on historic water quality data, historic chemical usage, historic pumping records, and anticipated new regulations. This study is part of the overall Comprehensive Planning Study used to prepare the 5-year capital expenditure plan. Anticipated Completion in 2018.

**Spill Prevention, Control, and Countermeasure Plans, Illinois American – Statewide Facilities.** Project Engineer. This project included reviewing and updating the SPCP plans for several facilities in Illinois including the Peoria and Chicago facilities. Responsible for visiting each site, reviewing procedures with Production staff, and updating the plans to include new equipment.

**Water Customer and Demand Projections, Illinois American – East St. Louis, Belleville, and Granite City.** Project Engineer. Prepare a study showing the projected water demands in 2020, 2025, and 2030. The customer and demand projections were based on historic trends, population projections, and input from water company staff and large-use customers. The study is part of the overall Comprehensive Planning Study used to prepare the 5-year capital expenditure plan.

**Streator Raw Water Pump Station – Illinois American – Streator, IL.** Project Engineer/Subconsultant to Donohue & Associates. Review construction drawings for compliance with Illinois American standards and acquire permits from Illinois EPA and City of Streator. Also responsible for coordination with Illinois DNR to identify potential cultural resources and possible mitigation efforts.



# Accurate

GROUP, INC.

AUGUSTO MANAHAN, PLS

Chief Surveyor

Mr. Manahan has over 20 years of experience in the field of surveying and CAD. He is the Survey and CAD manager supporting the design team and the survey crews on various private, Illinois State Toll Highway Authority, Illinois Department of Transportation and Chicago Department of Transportation projects. Responsibilities include:

- Research land records, right-of-way records and legal boundaries of property in public records and other documents, such as deeds, legal records, plats, maps and physical evidence in areas to be surveyed
- Direct/conduct land surveys to establish legal boundaries for properties based on deeds or titles
- Direct/conduct surveys for the retracement of government survey lines and reestablishment of land survey corners
- Investigate any easements or encroachments on property boundaries
- Write legal descriptions in plats of surveys or highways, deeds and other legal documents
- Prepares legal documents for right-of-way acquisitions and/or vacations
- Oversee survey work by monitoring assignments, establishing priorities, coordinating activities and resolving related work problems.

## MWRDGC: Final Design for a Flood Control Project (City of Robbins)

Survey Manager for Accurate Group, Inc. (AGI) as a subconsultant to Donohue & Associates is responsible for the topographic and utility location survey for the Flood Control Project in Robbins, IL. Base files will be prepared for the design and will also include parcel information for property owners or easements that fall within the project site.

Tasks included in this are as follows:

- Horizontal & Vertical Control Tie to State Plane Coordinates
- Topographic Survey, 25 foot Grid Ground Shots
- Topographic Survey of existing Buildings within the area
- Utility Survey including a pipe culvert survey
- Box culvert and bridge survey over 135th Street
- Kedzie Ave. topographic survey
- 139th, 137th, 135th, and Clair Blvd. topographic survey
- Tree Survey (Shoot individual trees 6 inches and bigger)
- Creek Cross Section 25 foot intervals (1330 feet total)
- QA Survey
- Process Survey data and Submittals

### Education

- BS Civil Engineering

### License and Certifications

- PLS License Illinois #035-003967 - 2017
- SIT License Illinois #028-001443-2011
- eRailSafe 131924707740 (Exp. Oct. 2016)

### Skills

- MicroStation V8i (SELECTseries 3) 2014
- Geopak (SELECTseries 3) 2013
- AutoCad Civil 3D 2016
- Microsoft Office



# Accurate

GROUP, INC.

AUGUSTO MANAHAN, PLS

Chief Surveyor

**IDOT: PTB 178-002 – US 41 at IL 176 Storm Water Pump Station No. 37 (Village of Lake Bluff)**

Accurate Group, Inc. (AGI) as a subconsultant to Donohue & Associates is responsible for the topographic survey, civil design plans and their associated specifications, quantities and construction cost estimate for the new Storm Water Pumping Station 37. The civil design items include closure of the existing frontage road, permits (SWPPP, ACOE, IDNR, Lake County, Union Pacific Railroad, PESA Response and ESR Addendum), and the new Pump Station 37 outlet drainage pipe. Construction will be completed utilizing staged construction as necessary to close the frontage road and install the outlet drainage pipe.

**IDOT: CN Railroad Survey - Job No. P-30-006-12 (CREATE Project P6) AGI (sub consultant)**

Performed survey services at the direction of Patrick Engineering (consultant) and in accordance with the IDOT's survey procedures. Limits of the survey runs along the CN tracks from approximately 4000 feet south of the CP Canal Interlocking to the First Avenue bridge. Survey extends 40 feet beyond existing right-of-ways. Job participation included the following:

- Establish primary control stationing utilizing state plane coordinates and GPS equipment
- Establish existing right-of-way along the corridor based on monumentation/evidence found in the field, available plats of highways and railroad right-of-way/valuation maps.
- Conduct topographic and cross section surveys including bridge details
- Survey of existing storm sewers (rim, inverts and pipe sizes) and above ground utilities/facilities

**IDOT: Chicago to St. Louis High Speed Rail Project - Job No. D-30-002-11 (Livingston, Macoupin and Madison counties)**

**AGI (sub consultant)**

Perform survey services at the direction of URS Corporation (consultant) and coordinate with Design Nine, Inc. regarding survey requirements for the High Speed Rail fencing plans. Survey limits are expressed in mile posts and stations in various cities and villages covering three counties namely Livingston, Macoupin and Madison. Job participation includes the following:

- Establish state plane coordinate control stations at proposed fence survey locations
- Conduct topographic survey at various proposed fence survey locations
- Perform field survey of existing boundary monumentation/evidence of existing right-of-way
- Provide J.U.L.I.E. coordination and survey location of utilities
- Provide QA/QC of survey work





## EDUCATION

MSc, Civil Engineering/Structural and Geotechnical Emphasis - University of Wisconsin at Platteville, 2017

MSc, Civil Engineering/ Geotechnical Engineering - University of Science and Technology, Algeria, 1988

BSc/MSc, Geological/Geophysical Engineering - University of Bucharest, Romania, 1977

## REGISTRATIONS/CERTIFICATIONS

### Professional Engineer (PE)

Illinois 2017 (062.070162)

Wisconsin 2004 (37136);

Indiana 2007 (10707864);

Iowa 2006; (17995);

Michigan 2006 (6201053468);

Ohio 2006 (70707);

Kentucky 2005 (24450);

### Professional Geologist (PG)

Illinois 1995 No. (196-000607);

Wisconsin 1997 (343)

## PROFESSIONAL AFFILIATIONS

ASCE–American Society of Civil Engineers

NSPE–National Society of Professional Engineers

WTS–Women in Transportation Society (WTS)

DFI–Deep Foundation Institute

## EMPLOYMENT HISTORY

1999 – Present, Wang Engineering, Inc.  
1998 – 1999, Everest Engineering Company

1992 – 1998, Wang Engineering, Inc.  
1981 – 1991, University of Science and Technology, Algeria,  
1977 – 1978, Testing and Drilling State Company, Romania

## EXPERIENCE PROFILE

Ms. Farez has over 35 years of experience in geotechnical, geological, geophysical, and water resources engineering technologies. She has extensive experience in the performance and management of subsurface investigations, construction material inspection, geotechnical laboratory testing as well as engineering analysis, design, and recommendations for a wide range of geotechnical projects. She is very familiar with standards, specifications, and practices of various transportation agencies. Ms. Farez completed numerous preliminary site assessments for soils disposal as required by 35 Illinois Administrative Code 1100, Clean Construction or Demolition Debris and Uncontaminated Soil Fill Operations and provide Uncontaminated Soil Certification by Licensed Professional Engineer or Professional Geologist (LPC-663).

## PROJECT EXPERIENCE

### Illinois American Water Company Pump Room, Sterling, Whiteside County, Illinois

Ms. Farez served as the Principal in Charge and project manager responsible for overall project direction, Quality Assurance, coordination with the Client, preparation of geotechnical investigation and laboratory testing programs. Wang performed geotechnical investigations and provided foundation recommendations to support the design and construction of a new pump room, electrical, room, and waterlines at Illinois American Water Company Pump Station in Sterling, Whiteside County, Illinois. Wang performed one soil boring to a depth of 45 feet below ground surface at the location of the proposed pump and electrical rooms. In addition to typical geotechnical laboratory testing, analytical testing for Clean Construction Demolition Debris and Clean Soil Disposal was performed on soil samples. Wang prepared a geotechnical report describing investigation methods and results and presenting geotechnical recommendations to support the design and construction of the proposed structures. The report also included the results of solid waste characterization and a Clean Soil Disposal Certification as defined in 35 Ill. Adm. Code 1100, Clean Construction or Demolition Debris and Uncontaminated Soil Fill Operations.

### Illinois Route 170 Bridge over Illinois River, Seneca, Illinois

Ms. Farez served as the Principal in Charge and co-project manager responsible for overall project direction, Quality Assurance, coordination with the Client, preparation of geotechnical investigation and laboratory testing programs. Wang performed geotechnical investigations and provided foundation recommendations for the design and construction of a new bridge will be approximately 1500-foot long new bridge over the Illinois River. Wang drilled and sampled structure borings to investigate the subsurface and groundwater conditions at the proposed off-shore bridge pier locations. River water levels prevented the conventional drilling operation to take place at the proposed boring/pier location and required a large barge to float the drill rig to the location. The borings were advanced through sediments, shale and sandstone.

### Illinois Route 104 over the Illinois River, Meredosia, Illinois

Ms. Farez served as the Principal in Charge and co-project manager responsible for overall project direction, Quality Assurance, coordination with the Client, preparation of geotechnical investigation and laboratory testing programs. Wang performed the subsurface investigation, geotechnical laboratory testing and engineering analysis for a new 10-span structure over the Illinois River; two single-span structures over McGee Creek and Washington Street; two Mechanically Stabilized Earth walls. In addition, analyses were also provided for a 21,000-foot long realigned roadway section with up to a 30-foot tall approach embankment on the west side of the Illinois River. The subsurface investigation consisted of over 2,300 feet of auger drilling and conventional rock coring in 50 boreholes, 5-foot deep dynamic cone penetration tests. Barge drilling within the main river channel required US Army Corp of Engineers permitting. Wang collected bulk streambed samples to test the suitability of dredged material as embankment fill. Slug testing in 30-foot deep piezometers provided estimates of hydraulic conductivity. Electronic dataloggers monitored water table elevation and response to storm events over a nine-month period. Single-ring infiltration tests were performed in 4-foot deep boreholes.

### I-55 Interchange at Arsenal Road, Will County, Illinois

Ms. Farez served as the Project Manager responsible for daily project management, coordination with the Client and Owner, preparation of geotechnical investigation and laboratory testing programs and the implementation of the Quality Assurance Program. Wang performed the subsurface investigation, laboratory testing, and geotechnical engineering analyses and evaluations. Wang completed Roadway Geotechnical Reports and Structure Geotechnical Reports (RGRs and SGRs) according to IDOT specifications. These



reports were completed for seven roadway alignments and five approach ramps having a total length of 57,000 feet; two multi-span flyover bridges; three retaining walls with exposed heights of 5.0 to 15.0 feet and a combined length of 7,000 feet; and one parking lot. The subsurface investigation consisted of over 1,100 feet of hollow-stem auger drilling and conventional rock coring in 233 boreholes and 43 full-depth pavement cores. Many of the borings were performed on private property which required Wang to negotiate and schedule access with the property owners.

#### **Weber Road at Interstate 55, Will County**

Ms. Farez served as the Principal-in-Charge responsible for overall project direction and quality assurance. Wang performed the subsurface exploration, laboratory testing and geotechnical engineering analyses for the Weber Road improvements from Rodeo Drive to West 135<sup>th</sup> Street in Will County, Illinois. The improvements consist of widening and reconstructing the mainline and cross roads as well as new approach embankments and reconstructing of the interchange ramps A, B, C and D. There will be new approach embankments at I-55 from Weber Road to accommodate a 20-foot wide roadway with a maximum embankment height of about 26 feet for the new bridge abutment. The investigation consisted of 95 roadway borings, two approach embankment borings, and 20 pavement cores. Wang provided evaluations of the existing pavement conditions; long-term settlement and global stability analyses; recommendation for subgrade treatment and improvement; and parameters for pavement and drainage design.

#### **Weber Road, Will County**

Ms. Farez served as the Principal-in-Charge responsible for overall project direction and quality assurance. Wang provided the subsurface investigation, laboratory testing, and engineering analyses and evaluations for the design and construction of pavements and embankments for the proposed widening along a 2-mile section of Weber Road between West 135<sup>th</sup> Street and Airport Road in Will County, Illinois. The existing Weber Road alignment consisted of two travel lanes in each direction with a central turn lane/mountable median. A 2-mile section of the alignment is planned to be widened to have two 10-foot wide lanes in each direction. The geotechnical investigation, laboratory testing and analyses were also performed for a single box culvert at Mink Creek. The subsurface investigation consisted of 36 roadway borings, 11 culvert borings, and 11 pavement cores. Wang provided evaluations of the existing pavement conditions; long-term settlement and global stability analyses; recommendation for subgrade treatment and improvement; and parameters for pavement, drainage and design.

#### **Geotechnical Engineering for IDOT District One Various/Various Geotechnical Engineering Services – Years 1994, 2000, 2006, 2008, 2010 and 2011, 2017**

As Geotechnical Consultant to IDOT District One, Wang provided geotechnical engineering services for various projects under numerous blanket contracts. Ms. Farez served as the Project Manager responsible for daily project management, coordination with the Client and Owner, preparation of geotechnical investigation and laboratory testing programs and the implementation of the Quality Assurance Program.

#### **Preliminary environmental site assessment and solid waste characterization for disposal, Watermain Improvements, Mount Prospect, Cook County, Illinois.**

Ms. Farez served as project manager responsible for coordination with Client and Owner and for the execution of solid waste investigation and laboratory testing programs for soil disposal. The solid waste characterization was conducted in conjunction with the geotechnical investigation completed to support the design and construction of a major watermain for the Village of Mount Prospect. Wang prepared a combined geotechnical and solid waste characterization report and provided a Clean Soil Disposal Certification as defined in 35 Ill. Adm. Code 1100, Clean Construction or Demolition Debris and Uncontaminated Soil Fill Operations.

#### **Preliminary Environmental Site Assessment and Solid Waste Characterization, City Streets Reconstruction, West Chicago, DuPage County, Illinois.**

Ms. Farez served as project manager responsible for coordination with Client and Owner and for the execution of solid waste investigation and laboratory testing programs for soil disposal. The solid waste characterization was conducted in conjunction with the geotechnical investigation. The geotechnical investigation and the environmental site assessment for solid waste characterization were performed to support the design and reconstruction of several streets within the City of West Chicago. Wang prepared a combined geotechnical and solid waste characterization report and provided a Clean Soil Disposal Certification as defined in 35 Ill. Adm. Code 1100, Clean Construction or Demolition Debris and Uncontaminated Soil Fill Operations.

# Project Understanding and Approach

## Project Understanding

Illinois American Water Company (ILAWC) and the Village of Glen Ellyn (VGE) are planning to establish an emergency interconnection between their water systems near the Glenbard South High School in Glen Ellyn, Illinois and wish to share the costs for the project. They are jointly requesting a proposal to provide professional engineering services for the design and permitting for the Project. ILAWC will act the contracting agency for the combined Project, but specific scopes of work and costs for each agency are to be identified.

### Illinois American Water Company Project

The ILAWC portion of the Project consists of the installation of approximately 600 LF of 8-inch water main and a Valve and Meter interconnection vault. The water main will be located entirely with the property of the St. Luke Lutheran Church in unincorporated Glen Ellyn. It will connect to an existing ILAWC watermain stub-out provided in a lot on Ashley Dr. to the west of the church property, as well as to the proposed VGE watermain extension in Butterfield road near the southeast corner of the church property. ILAWC is currently in the process of finalizing an agreement with the Church property, but are in general agreement with locating the facilities on the property.

Included within this property will be a prefabricated Valve and Meter Station manufactured, delivered, and set by EFL Solutions (EFL) under a separate contract with ILAWC. Coordination with EFL, including design comment and submittal review, are to be included as part of engineering services provided for the project.

### Village of Glen Ellyn Project

The VGE portion of the Project consists of the installation of approximately 950 LF of 8-inch water main on the north side of the IL Route 56 (Butterfield Road) right-of-way along the frontage of the Glenbard South High School. The proposed main will connect to the proposed ILAWC watermain at the southeast corner of the St. Luke Church property as well as a connection at the existing VGE 12-inch main near the hydrant at the southwest corner of the O'Carroll & Associates property on Butterfield Road. To avoid impacts to traffic and drainage, it is anticipated this segment of the project will be constructed utilizing trenchless technology.

## Project Approach

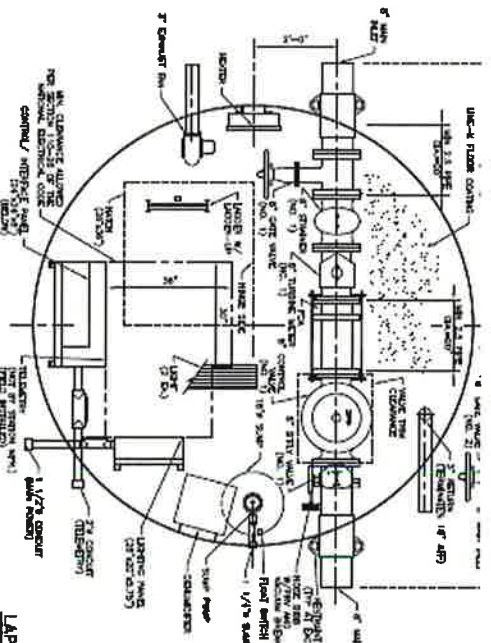
Our approach to all watermain projects incorporates standard practices with a focus on specific design elements, all of which are important to a successful operation. These include:

- Understand ILAWC and VGE's goals and objectives for the project, including desired operational strategies and accessibility to facilities.
- At the Kick-off meeting, confirm what type of Valve and Meter Vault structure is desired by ILAWC and VGE (i.e., access above grade or below grade, single or bidirectional, type of flow control and/or backflow prevention desired, if any, etc.). This impacts directly impacts access, location and piping approach design.
- Determine the most cost-effective alignment and method of construction to minimize impacts to traffic in Butterfield Road and access to Glenbard South High School, and St. Luke Church.
- Involve EFL early and often during the design process to understand connection and access constraints presented by alternative vault designs.
- Comply with local codes and regulatory requirements, including IEPA, IDOT, and AWWA Standards and Guidelines
- Develop an alignment that minimizes high points and provides air relief/release where needed.
- Provide adequate access for maintenance and servicing of piping and vault.
- Install proper piping/valves for operational flexibility and isolation.

## Key Project Challenges and Technical Considerations

The following section describes what we consider to be key challenges and considerations that need to be addressed during design. These will certainly affect the watermain alignment and vault configuration and location.

- **Coordination with Engineered Fluid, Inc.** EFI has partnered directly with ILAWC on similar projects and are slated to do so again here. Proactive and consistent coordination and review of vault design criteria and impacts on pipe approach, vault location, and power and instrumentation needs are critical for a successful project. Donohue has worked with EFI on previous successful ILAWC designs and has developed an excellent working relationship. A sample drawing for a recent package meter vault is provided below.



Sample EFL Valve and Meter Interconnection Vault

- **Watermain Alignment.** Several site constraints and challenges exist that will need to be addressed. For the watermain alignment, the route of way along Butterfield Road is an IDOT ROW, sloped for a deep wide swale, with major overhead power lines and poles along the proposed alignment, as shown in the photos below. This appears to be a good candidate for trenchless construction, but consideration should be given to open-cut construction east of the High School entrance as shown on the site plan below. Directional drilling will likely be the best option from the High School access road to the Church property to avoid access and wetland permitting issues.



Butterfield Rd North ROW West of HS Access Rd    Butterfield Rd North ROW East of HS Access Road





### Project Site Considerations

- Vault Location.** ILAWC has expressed an interest in locating the Valve and Meter Vault on the Church property and not in the Butterfield Road ROW. Given this, there are several possibilities for locating the structure, two of which are shown on the plan view above. A location must be chosen to provide good access by both ILAWC and VGE while avoiding existing facilities, maintaining required setbacks, and minimizing impacts to the Church surroundings. The location also needs to be coordinated with the type of structure ultimately selected by ILAWC and VGE (below grade, above grade, etc.).
- Impacts on Surrounding Community.** The project site is adjacent to facilities that have high vehicular and pedestrian traffic volumes. These include the Glenbard South High School and St. Luke Lutheran Church. Vault location and watermain alignment and construction and phasing will need to be coordinated with these facilities. Consideration should be given to performing the watermain work (open cut or trenchless) in Butterfield Road at the beginning of construction, estimated to occur in late summer, to minimize impacts to school operations.
- Completing Field Investigations in Winter.** ILAWC would like to have this project constructed by the end of 2020. To achieve that, our estimated project schedule calls for completing survey and geotechnical investigations in February and March of 2020. There is always the risk in northeastern Illinois of unfavorable weather that time of year that could prevent scheduling investigations. This will have to be closely monitored and managed. On other projects, this has been addressed by lining up crews on and “on call” basis to be respond when weather is favorable, and that approach will be implemented for this project as well.
- Meeting Requirements of All Stakeholders.** ILAWC and VGE have a vested interest in providing this emergency connection for their customers. Both organizations however may have different standards and design guidelines and practices that will need to be mutually accommodated in this design.

# Scope of Services and Tasks

## Scope of Services

The following is our proposed scope of services, summarizing tasks which form the basis for the fees provided on the Engineering Services Proposal Cover Sheet at the front of this proposal. This scope and list of tasks is based on the RFP documents, discussions with ILAWC and EFI, a review of the site from digital resources, and evaluations discussed in previous sections of this proposal.

### Task 1 – Land Survey

Perform a topographic survey of the proposed project site in accordance with the requirements stated in the RFP. Survey does not include a detailed Property Boundary Survey and title search, but will depict property lines based on publicly available property information as required. The survey will be completed by Accurate Group, Inc.

### Task 2 – Geotechnical Report

Complete geotechnical investigations in accordance with the requirements of the RFP. Investigations include one day of on-site drilling and up to six (6) borings to fifteen feet (15') below ground surface. The results will be included in a final report, including the required evaluation and recommendations for CCDD and trenchless watermain construction methods. The geotechnical investigations and report will be completed by Wang Engineering.

### Task 3 – Permitting

Prepare permit applications and provide technical input required in securing the permits. ILAWC to sign and submit applications and pay fees associated with the permits. Anticipated permits requiring applications during design are Illinois EPA Public Water Supply Construction Permits (one each for ILAWC and VGE) and an IDOT ROW work permit for construction in Butterfield Road (IL Rt. 56). No other local, county, or building permits are anticipated since the proposed EFI Valve and Meter vault is assumed to be a below grade vault. Illinois EPA NPDES permit for Construction Activity, if required, is assumed to be obtained by the Contractor. Permitting services will be performed by Flinn Engineering.

### Task 4 – Design

Complete design evaluations and calculations and prepare detailed plans in accordance with the requirements of the RFP. Additional details are provided below.

Perform a check of the ILAWC and VGE watermain pipe sizing and design based on flow and pressure requirements provided by ILAWC and VGE and Valve and Meter vault requirements provided by EFI. Prepare a letter report summarizing the hydraulic assessment and conclusions of the evaluation. Hydraulic evaluation and detailed design of the Valve and Meter vault to be completed by others (EFI).

One set of design plans will be prepared for the combined ILAWC and VGE projects. The plans will be prepared using AutoCAD 2018. Anticipated detailed design plan sheets are:

- General
  - Cover
  - Signature
  - Index
  - Discipline Legends/Symbols/Survey Ties and Benchmarks
  - Schedule of Quantities (ILAWC, VGE, Total)
- Civil/Site
  - Existing Site
  - Access, Laydown/Staging, and Traffic Control
  - Proposed Site Plan
  - Demolition and Erosion Control (SWPPP provided by Contractor)
  - Watermain Plan and Profiles
  - Grading and Restoration
- Structural
  - Plans - Foundation Slab (for prefabricated Vault by EFI)
  - Sections and Details
- Electrical (New service)
  - Site Plan
  - Electrical Details
- Instrumentation and Control (Coordinate with EFI, ILAWC, and VGE)
- Standard Details (All Disciplines, In addition to ILAWC and VGE Standard Details)

Draft Plans will be submitted to ILAWC and VGE for review at the following stages of completion:

- 30% Hydraulic and Design Review
- 60% Design Review/Permitting
- 95% Design Review

## Task 5 – Specifications

Preparation of technical specifications utilizing and modifying standard ILAWC and VGE specifications as applicable to the project. Additional supplemental and detailed specifications, in CSI 50 Division Format, will be prepared. Standard American Water front end (Bidding, Agreement, General Conditions, Supplementary Conditions) will be utilized. Specifications will be provided with the 60% and 95% Design Review and Bid Documents.

## Task 6 – Cost Estimate

Prepare and submit an Engineer's Estimate of Probable Construction Costs at the 60% and 95% design milestones. Cost estimates will include separate estimates for each of the ILAWC and VGE components of the project.

## Task 7 – Meetings and Design Review

Prepare, record, and submit all meeting agendas and minutes for meetings held at the ILAWC Woodridge office. It is anticipated that four meetings will be held with ILAWC and VGE during design as follows:

- Project kick-off meeting
- 30% Hydraulic and Design Review
- 60% Permit and Design Review
- 95% Final Design Review

It is suggested that the Valve and Meter Vault fabricator (EFI) be invited to attend as many of these meetings as possible, if not all. Note that conference calls can be scheduled in addition to or in lieu of the meetings above, particularly for coordination with EFI, VGE, Impacted utility owners, and other project stakeholders.

### Task 8 – Schedule

Donohue believes the design schedule proposed by LLAWC can be met and possibly expedited. However, we note that the construction schedule proposed appears to be very aggressive. Given that, Donohue feels it is possible to expedite the design phase and this is reflected in the project schedule presented in another section of this proposal.

### Task 9 – Bidding

Engineering services during bidding will be provided in accordance with the RFP. Bidding services include:

- Preparation and electronic distribution of bid documents to prospective contractors selected by LLAWC and VGE.
- Preparation of two (2) paper copies and on digital copy for submittal to LLAWC and VGE
- Respond to contractor's questions and prepare and addendum, if necessary
- Review bids and provide recommendation to LLAWC and VGE

We note that a pre-bid meeting is not anticipated by LLAWC and, as such, has not been included in this scope of services.

### Task 10 – Contract Document Creation

Once the project has been bid and awarded, prepare a conformed set of documents for use in the agreement between LLAWC and the selected contractor and as a reference during construction. Documents will be prepared in accordance with LLAWC procedures stated in the RFP and outlined as follows:

- Consultant modifies contract
- Consultant forwards electronic version of contract to LLAWC for legal/finance approval
- LLAWC approves contract
- Consultant issues five hard copies of contract to selected contractor for signature
- Contractor forwards all copies for LLAWC's signature
- LLAWC signs and disburses two copies to VGE, one copy to contractor and one to consultant.

### Task 11 – Construction Administration and Observation

Engineering services during construction are not included in this scope of services, however the Donohue team can certainly provide those services if requested by LLAWC and VGE.



## Project Assumptions

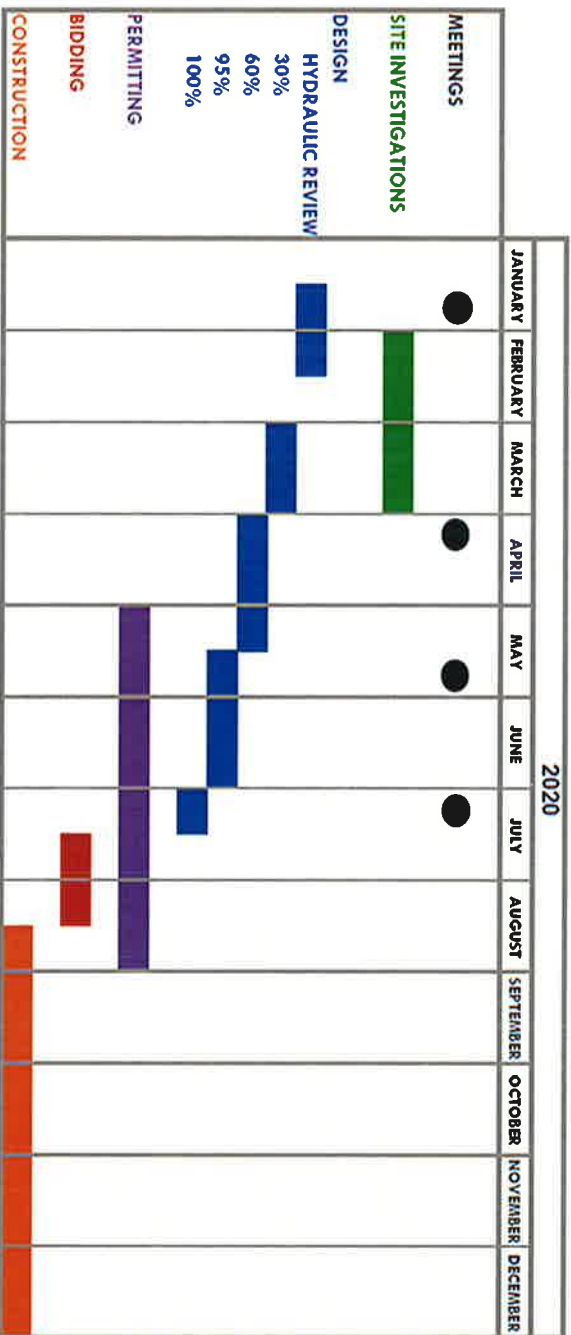
The following assumptions form the basis of the development of this scope of services and proposed engineering fee for this project:

- One combined set of Contract Documents will be prepared for bidding for construction of both the ILAWC and VGE components of the project under a single construction contract.
- Valve and Meter Vault designed, fabricated, and set by EFL under separate contract with ILAWC. Vault is assume to be simple bi-directional below grade structure requiring power for heating/dehumidification and connection to local SCADA telemetry, if available.
- Detailed Property Boundary Survey and title search is not required
- Existing access drive and security fencing at the Church and other parts of the site are adequate for construction and future maintenance and operation of the facilities. No special access or security is required.
- Temporary and/or permanent easements, if required, with adequate clearances and set-backs from current site boundaries within the Church property and along Butterfield Road will be obtained by ILAWC.
- SCADA system integration and programming, if desired, provided by others.
- All excavation and demolition materials meet CCDD requirements.
- Stormwater runoff at project completion is not expected to change significantly and detailed analysis or stormwater management design will not be required. Temporary stormwater issues during construction are to be addressed by the contractor-provided SWPPP required to be submitted prior to start of construction.
- Permit applications and fees will be formally submitted and paid for by ILAWC.
- Record drawings, operational data, previous reports, etc. provided by ILAWC and VGE.

# Schedule

Donohue believes the design schedule proposed by ILAWC can be met and possibly expedited. However, we note that the construction schedule proposed appears to be very aggressive. Given that, Donohue feels it is possible to expedite the design phase and this is reflected in the project schedule presented below. However, completing survey and geotechnical investigations during the winter months creates challenges that will need to be managed.

Illinois American Water Company  
ILAWC-VGE Emergency Interconnect  
Proposed Schedule



# References

We encourage you to contact our references regarding our team's performance on past water or wastewater treatment projects.

## Donohue's References

| Mr. Trip Barton                                                                                                                          | Mr. Eric LeRreau                                                                                                                                       | Mr. Steve Wegman                                                                                                                   |
|------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------|
| Engineering Manager<br>Illinois American Water<br>7500 N. Hacker Drive<br>Peoria, IL 61615<br>309.566.4148<br>Charles.barton@amwater.com | Engineering Project Manager<br>Illinois American Water<br>1000 International Parkway<br>Woodridge, IL 60517<br>630.738.8837<br>Eric.lereau@amwater.com | Senior Engineer<br>Illinois American Water<br>1406 Cardinal Court<br>Urbana, IL 61801<br>217.373.3255<br>Steven.wegman@amwater.com |

## Flinn Engineering References

| Mr. Trip Barton                                                                                                                          | Ms. Jennifer Birger                                                                                                                    | Mr. Jeff Taylor                                                                                                                    |
|------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------|
| Engineering Manager<br>Illinois American Water<br>7500 N. Hacker Drive<br>Peoria, IL 61615<br>309.566.4148<br>Charles.barton@amwater.com | Engineering Manager<br>Missouri American Water<br>727 Craig Road<br>St. Louis, MO 63141<br>314.996.2423<br>Jennifer.birger@amwater.com | Public Works Director<br>City of O'Fallon<br>255 South Lincoln<br>O'Fallon, IL 62269<br>618.624.4500 ext. 3<br>jtaylor@ofallon.org |

## Accurate Group, Inc. References

| Mr. Derek N. Mall, PE                                                                                                                        | Mr. Jason Gregor, PE                                                                                                 | Mr. Andrew T. Hable, PE                                                                                                                            |
|----------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|
| Project Manager<br>Civiltech Engineering, Inc.<br>Two Pierce Place, Suite 1400<br>Itasca, IL 60143<br>630.735.3361<br>dmall@civiltechinc.com | Project Manager<br>HNTB Corporation<br>1 South Wacker Drive<br>Chicago, IL 60606<br>312.798.0292<br>jgregor@hntb.com | Project Manager<br>AECOM Technical Services, Inc.<br>303 East Wacker DR. Suite 1400<br>Chicago, IL 60601<br>905.390.2027<br>Andrew.hable@aecom.com |

## Wang Engineering References

| Mr. Matt Cooper, PE                                                                              | Mr. Marin Ross, PE                                                                                           | Mr. James Hamelka, PE, SE                                                                                          |
|--------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------|
| AECOM<br>303 E. Wacker Drive #1400<br>Chicago, IL 60601<br>312.373.6627<br>Matt.cooper@aecom.com | Transystems<br>1475 Woodfield Rd. Ste. 600<br>Schaumburg, IL 60173<br>847.407.5281<br>maross@transystems.com | Collins Engineers<br>123 N. Upper Wacker DR. #900<br>Chicago, IL 60606<br>312.236.5117<br>jhamelka@collinsengr.com |

# Project Portfolio

Donohue has extensive watermain, pumping, and treatment facility experience with well over 100 facility improvements in the past twenty years. The following projects were picked to illustrate our experience because of similarities to your project, including horizontal directional drilling for watermain construction and coordination with pre-fabricated facilities manufactured by EFL.

## Sterling East WTP High Service Pump Station Replacement

Illinois American Water Company, Sterling, IL | Mr. Eric LaReau – Engineering Project Manager | 630.738.8837

The City of Sterling, IL is located in Whiteside County in the northwest portion of the State of Illinois. The Sterling Water System serves approximately 6,545 customers located within the City of Sterling limits. This project focuses on facilities at the East Water Treatment Plant (WTP) located on the Rock River in the southeast portion of the City.

The High Service Pump Station (HSPS) located at the treatment plant draws water from the plant clearwell and conveys finished water to the



distribution system. The existing station was a circular structure that was in need of major repairs. Replacement was considered

the most cost-efficient option, but replacement needed to be phased in a manner that did not disrupt current operations at the plant. After review of various alternatives, a package pump station was selected.

The station provides a firm capacity of 2.2 mgd (1,500 gpm) using two 750 gpm pumps and include one spare 750 gpm pump at a total dynamic head (TDH) of 205 feet. The station was designed utilizing vertical turbine pumps in a compact pump room with an adjacent electrical room and

reinforced concrete wet well below. The package pump station was provided by Engineered Fluid, Inc. (EFI) with technical assistance from Donohue. Donohue also provided other support discipline design including demolition of existing facilities, structural design of wet well, site piping layout and connections, power analysis and design, control and monitoring assistance, and arranging for completion of topographical survey and geotechnical investigations.

In addition, the East WTP receives its supply from four groundwater wells located on the plant site. Each well site has a pump and a meter installed in a below grade meter vault. Rated design pump flow and well capacity for each well range from 350 to 550 gpm. Plant operators use these wells in pairs. During the summer, they use wells #1 and #4 simultaneously. In the winter, they use Wells #2 and #3 together. Plant staff identified structural deficiencies in at least one of the meter vaults and tight confined space entry made maintenance and operation difficult.

ILAWC asked Donohue to design above grade meter enclosures that also enclose the existing well pumps. The project involved new above grade piping and meter installed in a weatherproof enclosure. Donohue prepared an alternative enclosure memorandum and a custom built split face block masonry building was selected for detailed design. The replacement had to be phased in a fashion that did not disrupt current operations at the plant.



## North Side Water Transmission Main – Phase 1

Illinois American Water Company, Champaign, IL | Mr. Steve Wegman – Senior Engineer | 217.373.3255

### PROJECT HIGHLIGHTS

- Includes approximately 7,800 feet of 24-inch ductile iron main along Olympic Drive and 1,300 feet of 16-inch ductile iron main along Market Street
- Design includes open cut installation and Horizontal Directional Drilling (HDD)
- IEPA construction permit was acquired ahead of schedule with no comments from IEPA

Donohue was retained by the Illinois American Water Company in February 2014 to complete the design, bidding, and construction phases of a new water transmission to improve the capacity from west Champaign, where reliable water supply is available, to the east, where reliable supply is decreasing. The new 24-inch transmission main has been planned to be installed along the Olympian Drive corridor in four phases that coincide with the timing of the roadway design and construction.



Phase 1 included approximately 7,800 feet of 24-inch ductile iron main along Olympian Drive and approximately 1,300 feet of 16-inch ductile iron main along Market Street. As the new main was built, it was connected to the existing dead-end mains at Market Street and Apollo Drive.

This improved water quality for customers connected near these areas. The main was located entirely in the public right-of-way, and was installed via open-cut construction methods when possible. The street crossings were horizontal directional drilled to avoid pavement replacement and traffic control.

Donohue was responsible for obtaining the topographic survey of the project route, water main

design and bid document preparation, and completing the applications for permits from the Illinois Environmental Protection Agency (IEPA), the City of Champaign, the local drainage district, and prepared the storm water pollution prevention plan (SWPPP). Donohue was also responsible for construction administration and day-to-day field observation during construction. The project was bid in January and February 2015. Construction started in the Spring of 2015, and was completed over that summer. The phase 1 main was substantially complete and put into service in November 2015.



## Streator Raw Water Pumping Station

Illinois American Water Company, Streator, IL | Mr. Steve Wegman – Senior Engineer | 217.373.3255

### PROJECT HIGHLIGHTS

- Expedited design schedule to meet client operational needs
- Extensive coordination with numerous team partners including package pump station provider, system integrator, contractor, and owner

Donohue was selected by Illinois American Water Company as the Prime Consultant for design and construction related engineering services for improvements to the raw water pumping system at the Streator District Water Treatment Plant in Streator, Illinois. The project included the preparation of conceptual designs, permitting with state and local authorities, working with the pump station package plant provider, providing project design plans and specification deliverables for bidding, construction observation, and office related engineering services during construction.

This pump station consisted of design of a wet well and control vault in a structure below to support a new 6-mgd raw water pump station provided by a package plant provider. The project also included a new carbon feed building to accept relocated facilities from the existing carbon feed building. The site work included 2 new 24-inch diameter intake pipes, 16-inch diameter pump discharge, site electrical improvements, demolition of the existing raw water pumps station, and general site regrading.

Donohue also provided construction related services including regular site observation, shop drawing reviews, responses to RFIs, and participation in weekly progress meetings.





## 2017 Obsolete Water Main Replacement

Indiana American Water Company, Terre Haute, Indiana | Ms. Jacquelyne Sanders – Engineering Project Manager  
317.807.2462

### PROJECT HIGHLIGHTS

- Design of three sections of water main replacements
- Connection to existing water mains
- Installation methods include open cut and directional drilling

Indiana American retained Donohue & Associates, Inc. to prepare design drawings for two sections of 12-inch diameter water main and one section of 8-inch water main to be replaced in various areas of Terre Haute, Indiana. The following describes each of the three areas.

### South 19th Street

South 19th Street, from Ohio Street to Poplar Street is a two-lane street in a developed neighborhood with parking available on either side of the street. Challenges to locating the water main included a



sanitary sewer and large mature trees along the east side of the street. The design includes maintaining service to St. Patrick School. In addition to the school service,

approximately 15 services will have to be disconnected and reconnected to the new water main.

### South 7th Street

South 7th Street, from East Marley Drive to East Hospital Lane, is a four-lane road with two lanes traveling in the north and south direction with heavy traffic. The street is primarily commercial with Terre Haute Regional Hospital and associated medical offices at the northern end of the segment. Near the southern portion of the segment, a stream crossing

was required under a drainage ditch. Directional drilling was used as an alternate installation method on this segment.

### Buckeye Street

Buckeye Street, from North 22nd Street to North 26th Street, is a residential two-lane road with parking on either side of the road. Connection of existing water mains to the new water main was required at each intersection on the project. In addition, there are more than twenty water services that will need to be replaced throughout the project.

The client's accelerated project design schedule was completed on time by Donohue in November of 2016 to meet their annual funding schedule, and construction is expected to begin in early 2017.





## Annual Utility Improvements – 2017, 2018, 2019

City of Sheboygan Falls, WI | Mr. Jerry Benzschawel – Director of Public Works | 920.467.7901

### PROJECT HIGHLIGHTS

- *Watermain Replacements*
- *To minimize construction conflicts, used AutoCAD Civil 3D to create 3D pipe networks of the existing buried utilities*
- *Traffic management and stakeholder communication were important project aspects*

Donohue performs design and construction services for the replacement of existing water main annually for the City of Sheboygan Falls. The existing water mains in project locations consist of cast iron material constructed in the 1920s. The mains are deteriorating causing breaks which require frequent repairs.



A major project challenge is defining the vertical and horizontal alignment of the new water main so existing sanitary and water service connections will not be significantly interrupted during construction. This is done using AutoCAD Civil 3D to create 3D pipe networks of the existing buried utilities. This three-dimensional design tool identifies utility conflicts using georeferenced physical data.



In March of 2017 the City adopted new sections of the City Code requiring full lead water service and sanitary lateral replacement. The goal is to reduce the number of lead services and non-code compliant sanitary laterals to reduce clearwater infiltration into the sanitary sewer system. Replacement limits extend from the main in the street to the connection points within the dwellings and is limited to the locations where the City is performing utility work.



Replacement is completed trenchless by pulling a new water service and new sanitary lateral through the existing sanitary lateral. Trenchless installation minimizes disturbance to private property. Many homeowners have many features in their yards including landscaping, porches, steps, sidewalks, etc. which would require replacement if traditional open cut construction methods were used.

While the actual design of the water main is the primary focus, items such as traffic management and stakeholder communication were important project aspects. Donohue developed drawings, specifications, construction cost opinions, and other necessary documents to receive competitive bids. Donohue successfully completed application materials for water system plan reviews and submitted to WDNR. All water services were replaced and new curb stops were added.

Construction services performed by Donohue included conducting a preconstruction conference, contract execution, contract administration, shop drawing reviews, responding to field questions, and preparation of record drawings upon project completion. A public involvement meeting is held and led by Donohue.

## Lump Sum Price

Our estimated total fee (lump sum price) for this project, based on the Scope of Services outlined in this proposal, is **\$79,990**. We understand that the design and construction costs are to be shared by both ILAWC and VGE. To that end, the separate engineering fees associated with each are **ILAWC - \$45,610** and **VGE - \$34,380**. These costs are also shown, as required by ILAWC, on the Engineering Services Proposal Cover Sheet included as the first page of our proposal.

ILAWC - Glen Ellyn Emergency Interconnect  
Preliminary Estimate of Construction Cost

12/30/2019

| Item No.           | Description                                                | Unit | Quantity | Unit Cost | Extension         |
|--------------------|------------------------------------------------------------|------|----------|-----------|-------------------|
| 1                  | Preconstruction Video Taping                               | L.S. | 1        | 2,000     | \$ 2,000          |
| 2                  | Traffic Control & Protection                               | L.S. | 1        | 10,000    | \$ 10,000         |
| 3                  | Mobilization                                               | L.S. | 1        | 10,000    | \$ 10,000         |
| 4                  | Protective Tree Fence                                      | L.S. | 1        | 3,000     | \$ 3,000          |
| 5                  | Erosion Control                                            | L.S. | 1        | 5,000     | \$ 5,000          |
| 6                  | Construction Layout                                        | L.S. | 1        | 5,000     | \$ 5,000          |
| 7                  | Water Main, 8" PVC, C900 DR18 & Fittings (Direction Drill) | L.F. | 950      | 200       | \$ 190,000        |
| 8                  | 8" Valve in 5' Diameter Vault                              | EA.  | 2        | 5,000     | \$ 10,000         |
| 9                  | Hydrant w/Aux. Valve & Box, cut-in                         | EA.  | 1        | 9,000     | \$ 9,000          |
| 10                 | Hydrant w/Aux. Valve & Box, w/ Flushing Station            | EA.  | 1        | 10,000    | \$ 10,000         |
| 11                 | Trench Backfill                                            | C.Y. | 100      | 20        | \$ 2,000          |
| 12                 | Connect to Existing Water Main                             | EA.  | 1        | 4,000     | \$ 4,000          |
| 13                 | Topsoil & Seeding                                          | S.Y. | 500      | 15        | \$ 7,500          |
| Subtotal           |                                                            |      |          |           | \$ 267,500        |
| w/ 25% Contingency |                                                            |      |          |           | \$ 66,875         |
| <b>TOTAL</b>       |                                                            |      |          |           | <b>\$ 334,375</b> |
| <b>say</b>         |                                                            |      |          |           | <b>\$ 350,000</b> |

Unit Prices based on 2018 Roosevelt Road (I-38) Water Main Improvements Project  
(average of nine bid prices), modified as needed



Glen Ellyn Village Board  
535 Duane Street  
Glen Ellyn, IL 60137

Meeting: 01/27/20 07:00 PM  
Department: Glen Ellyn Village Board  
Department Head: Lindsey Kaminsky  
Category: Ordinance  
Prepared By: Lindsey Kaminsky

SCHEDULED

ORDINANCE 6759

DOC ID: 4337

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## **Ordinance No. 6759-VC, An Ordinance to Amend the Glen Ellyn Municipal Code, to Repeal and Replace Sections 6-2-3.15 and 6-2-3.16 of the Glen Ellyn Municipal Code Pertaining to the Possession of Cannabis and Drug Paraphernalia (Police Chief Norton)**

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### **Background**

On January 1, 2020 new laws pertaining to cannabis went into effect in Illinois. While the new laws allow for the legal possession and ingestion of cannabinoid products under certain circumstances, possession and use of cannabis outside the provisions of the new laws remain illegal. Attached for Village Board consideration are two recommended updates to the Village Code which are in accordance with new Illinois Statutes and which maintain the illegality of cannabis products except as defined within the laws. Additionally, the updated proposed Village Code would allow for certain offenses to be brought before the Village's Municipal Hearing Officer.

This ordinance does not alter the one year moratorium on the sale of recreational cannabis in Glen Ellyn that was passed by the Village Board in November 2019. This ordinance is simply to align the Village Code with current state law.

### **Recommendation**

Staff recommends these amended ordinances be adopted to allow additional charging options for police department personnel, when faced with violations pertaining to cannabis.

### **Budget Impact**

There are no costs associated with the proposed ordinance changes.

### **Attachments**

Attached is the proposed ordinance regarding Possession of Cannabis and Possession and Delivery of Drug Paraphernalia.

Ordinance 6759

Meeting of January 27, 2020

Ordinance 6759

Meeting of January 27, 2020



**Village of Glen Ellyn**

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**Ordinance No. 6759-VC**

**An Ordinance to Amend the Glen Ellyn Municipal Code, to Repeal and Replace Sections 6-2-3.15 and 6-2-3.16 of the Glen Ellyn Municipal Code Pertaining to the Possession of Cannabis and Drug Paraphernalia**

---

**Adopted by the  
President and the Board of Trustees  
Of the Village of Glen Ellyn  
DuPage County, Illinois  
This \_\_\_\_\_ Day of \_\_\_\_\_, 20\_\_.**

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Published in pamphlet form by the authority  
of the President and Board of Trustees of the  
Village of Glen Ellyn, DuPage County, Illinois,  
this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_.

**PREPARED BY AND MAIL TO:**

VILLAGE OF GLEN ELLYN  
ATTN: VILLAGE CLERK  
535 DUANE STREET  
GLEN ELLYN, IL 60137

**Ordinance No. 6759-VC****An Ordinance to Amend the Glen Ellyn Municipal Code, to Repeal and Replace Sections 6-2-3.15 and 6-2-3.16 of the Glen Ellyn Municipal Code Pertaining to the Possession of Cannabis and Drug Paraphernalia**

**Whereas**, the Village of Glen Ellyn, a home rule municipality, has the authority pursuant to Section 11-1-1 of the Illinois Municipal Code, 65 ILCS 5/11-1-1, to pass and enforce ordinances in the interest of the public health, safety and welfare, in the exercise of its home rule and police powers; and

**Whereas**, the President and Board of Trustees of the Village of Glen Ellyn deem it to be in the best interest of the Village to periodically review and the existing Municipal Code to conform with State law; and

**Whereas**, the Village Board finds that the recent changes to state law involving the legalization of possession of recreational cannabis and drug paraphernalia for persons 21 years of age or older, pursuant to Public Act 101-0027 and 700 ILCS 600/1 et seq., as amended; and

**Whereas**, the President and Board of Trustees have determined that it is in the best interest of the Village to amend the Glen Ellyn Municipal Code to repeal former Chapter 2 of Title 6, Section 6-2-3.16. Possession of cannabis, and Section 6-2-3.15, Possession and delivery of drug paraphernalia, of the Glen Ellyn Municipal Code, and approve an Ordinance replacing those sections and enacting new Sections 6-2-3.16 and 6-2-3.15.

**Now, therefore be it ordained by the President and Board of Trustees of the Village of Glen Ellyn**, DuPage County, Illinois, in the exercise of its home rule powers, as follows:



**Section One:** The findings of fact and conclusions set forth hereinabove are hereby adopted by the President and Board of Trustees as the findings of fact and conclusions of the corporate authorities of the Village of Glen Ellyn.

**Section Two:** Chapter 2 of Title 6, Sections 6-2-3.15 and 6-2-3.16 of the Glen Ellyn Municipal Code are hereby repealed and amended by enacting a new, Sections 6-2-3.15 and 6-2-3.16, copies of which are attached to this Ordinance and incorporated herein.

**Section Three:** This Ordinance shall be in full force and effect following its passage, approval, and publication in pamphlet form.

Passed by the President and Board of Trustees of the Village of Glen Ellyn, Illinois this \_\_\_\_ day of \_\_\_\_\_.

|               |  |                    |  |                |  |              |
|---------------|--|--------------------|--|----------------|--|--------------|
| <b>Ayes</b>   |  | Diane McGinley     |  | Steve Thompson |  | Mark Senak   |
|               |  | Craig Pryde        |  | Bill Enright   |  | Gary Fasules |
|               |  | Kelli Christiansen |  |                |  |              |
|               |  |                    |  |                |  |              |
| <b>Nays</b>   |  | Diane McGinley     |  | Steve Thompson |  | Mark Senak   |
|               |  | Craig Pryde        |  | Bill Enright   |  | Gary Fasules |
|               |  | Kelli Christiansen |  |                |  |              |
|               |  |                    |  |                |  |              |
| <b>Absent</b> |  | Diane McGinley     |  | Steve Thompson |  | Mark Senak   |
|               |  | Craig Pryde        |  | Bill Enright   |  | Gary Fasules |
|               |  | Kelli Christiansen |  |                |  |              |

Approved by the Village President of the Village of Glen Ellyn, Illinois this \_\_\_\_ day of \_\_\_\_\_.

\_\_\_\_\_  
Village President

Ordinance 6759

Meeting of January 27, 2020

Attest:

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Village Clerk

AFFIX VILLAGE SEAL

(Published in pamphlet form and posted on the \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_.)

**ATTACHMENTS:**

- Attachment A (PDF)

**“Attachment A”**

## 6-2-3.15. - Possession and delivery of drug paraphernalia.

A. *Definitions:* The following words and phrases when used in this ordinance shall, for the purpose of this ordinance, have the meanings respectively ascribed to them in this section, except where the context clearly indicates a different meaning:

1. The term "cannabis" shall have the meaning ascribed to it in Section 3 of the Cannabis Control Act, as if that definition were incorporated herein.
2. The term "controlled substance" shall have the meaning ascribed to it in Section 102 of the Illinois Controlled Substances Act, as if that definition were incorporated herein.
3. "Deliver" or "delivery" means the actual, constructive or attempted transfer of possession, with or without consideration, whether or not there is an agency relationship.
4. "Drug paraphernalia" means all equipment, products and materials of any kind, other than methamphetamine manufacturing materials as defined in Section 10 of the Methamphetamine Control and Community Protection Act and cannabis paraphernalia as defined in Section 1-10 of the Cannabis Regulation and Tax Act, which are intended to be used unlawfully in planting, propagating, cultivating, growing, harvesting, manufacturing, compounding, converting, producing, processing, preparing, testing, analyzing, packaging, repackaging, storing, containing, concealing, injecting, ingesting, inhaling or otherwise introducing into the human body a controlled substance in violation of the Illinois Controlled Substances Act or the Methamphetamine Control and Community Protection Act or a synthetic drug product or misbranded drug in violation of the Illinois Food, Drug and Cosmetic Act. It includes, but is not limited to:
  - a) kits intended to be used unlawfully in manufacturing, compounding, converting, producing, processing or preparing a controlled substance;
  - b) isomerization devices intended to be used unlawfully in increasing the potency of any species of plant which is a controlled substance;
  - c) testing equipment intended to be used unlawfully in a private home for identifying or in analyzing the strength, effectiveness or purity of controlled substances;
  - d) diluents and adulterants intended to be used unlawfully for cutting a controlled substance by private persons;
  - e) objects intended to be used unlawfully in ingesting, inhaling, or otherwise introducing cocaine or a synthetic drug product or misbranded drug in violation of the Illinois Food, Drug and Cosmetic Act into the human body including, where applicable, the following items:
    - (1) water pipes;
    - (2) carburetion tubes and devices;

- (3) smoking and carburetion masks;
- (4) miniature cocaine spoons and cocaine vials;
- (5) carburetor pipes;
- (6) electric pipes;
- (7) air-driven pipes;
- (8) chillums;
- (9) bongs;
- (10) ice pipes or chillers;

f) any item whose purpose, as announced or described by the seller, is for use in violation of this Act.

**B. Possession of drug paraphernalia:**

1. A person who knowingly possesses an item of drug paraphernalia with the intent to use it in ingesting, inhaling, or otherwise introducing a controlled substance into the human body, or in preparing a controlled substance for that use, is guilty of a Class A misdemeanor for which the court shall impose a minimum fine of \$750 in addition to any other penalty prescribed for a Class A misdemeanor. This subsection does not apply to a person who is legally authorized to possess hypodermic syringes or needles under the Hypodermic Syringes and Needles Act.
2. In determining intent under subsection (1.), the trier of fact may take into consideration the proximity of the controlled substances to drug paraphernalia or the presence of a controlled substance on the drug paraphernalia.

**C. Exemptions. This Section does not apply to:**

1. Items used in the preparation, compounding, packaging, labeling, or other use of cannabis or a controlled substance as an incident to lawful research, teaching, or chemical analysis and not for sale.
2. Items historically and customarily used in connection with the planting, propagating, cultivating, growing, harvesting, manufacturing, compounding, converting, producing, processing, preparing, testing, analyzing, packaging, repackaging, storing, containing, concealing, injecting, ingesting, or inhaling of cannabis, tobacco, or any other lawful substance.  
  
Items exempt under this subsection include, but are not limited to, garden hoes, rakes, sickles, baggies, tobacco pipes, and cigarette-rolling papers.
3. Items listed in Section 2 of this Ordinance which are used for decorative purposes, when such items have been rendered completely inoperable or incapable of being used for any illicit purpose prohibited by this Act.
4. A person who is legally authorized to possess hypodermic syringes or needles under the Hypodermic Syringes and Needles Act.

It is unlawful for any person to use, or to possess with intent to use, drug paraphernalia to plant, propagate, cultivate, grow, harvest, manufacture, compound, convert, produce, process, prepare,

inject, ingest, inhale or otherwise introduce into the human body a controlled substance except cannabis in violation of this ordinance. Any person who violates this section shall be fined not less than \$25.00 nor more than \$100.00 for each offense.

- D. *Manufacture or delivery of drug paraphernalia:* It is unlawful for any person to deliver, possess with intent to deliver, or manufacture with intent to deliver, drug paraphernalia, knowing, or under circumstances where one reasonably should know, that it will be used to plant, propagate, cultivate, grow, harvest, manufacture, compound, convert, produce, process, prepare, inject, ingest, inhale, or otherwise introduce into the human body a controlled substance except cannabis in violation of this ordinance. Any person who violates this section shall be fined not less than \$100.00 nor more than \$250.00 for each offense.
- E. *Delivery of drug paraphernalia to a minor:* Any person who violates subsection (D) of this section by delivering drug paraphernalia of any kind to a person under 18 years of age who is at least three years his junior is guilty of a special offense and in violation of this ordinance. Any person who violates this section shall be fined not less than \$250.00 nor more than \$500.00 for each offense.
- F. *Interpretation of evidence:* In determining whether an object is drug paraphernalia, a court or other authority, including the Administrative Hearing Officer established in this Code under Section 1-13A-2, should consider, in addition to all other logically relevant factors, the following:
1. Statements by an owner or by anyone in control of the object concerning its use;
  2. Prior convictions, if any, of an owner, or of anyone in control of the object, under any state or federal law relating to any controlled substance;
  3. The proximity of the object, in time and space, to a direct violation of this act;
  4. The proximity of the object to controlled substances except cannabis;
  5. The existence of any residue of controlled substances except cannabis on the object;
  6. Direct or circumstantial evidence of the intent of an owner, or of anyone in control of the object, to deliver it to persons whom he knows, or should reasonably know, intend to use the object to facilitate a violation of this act; the innocence of an owner, or of anyone in control of the object, as to a direct violation of this act shall not prevent a finding that the object is intended for use, or designed for use as drug paraphernalia;
  7. Instructions, oral or written, provided with the object concerning its use;
  8. Descriptive materials accompanying the object which explain or depict its use;
  9. National and local advertising concerning its use;
  10. The manner in which the object is displayed for sale;
  11. Whether the owner, or anyone in control of the object, is a legitimate supplier of like or related items to the community, such as a licensed distributor or dealer of tobacco products and/or cannabis;
  12. Direct or circumstantial evidence of the ratio of sales of the object(s) to the total sales of the business enterprise;
  13. The existence and scope of legitimate uses for the object in the community;
  14. Expert testimony concerning its use.
- G. *Exempted persons:* The prohibitions contained in this section shall not apply to licensed medical technicians, technologists, nurses, hospitals, research teaching institutions, clinical laboratories, licensed medical doctors, osteopathic physicians, dentists, chiropractors, veterinarians, pharmacists, or embalmers in the normal lawful course of their respective businesses or professions, nor to common carriers or their employees engaged in the lawful transportation of the foregoing recited items, nor to public officers or employees while engaged in the performance of their official duties,

nor to persons suffering from diabetes, asthma, or any other medical condition requiring self-injection.

6-2-3.16. - Possession of cannabis.

- (A) *Definitions:* The following words and phrases when used in this section shall, for the purposes of this section, have the meanings respectively ascribed to them in this section, except where the context clearly indicates a different meaning:

**CANNABIS:** Includes marijuana, hashish and other substances which are identified as including any parts of the plant *Cannabis sativa*, whether growing or not; the seeds thereof, the resin extracted from any part of such plant; and any compound, manufacture, salt, derivative, mixture or preparation of such plant, its seeds, or resin, including tetrahydrocannabinol (THC) and all other cannabinol derivatives, including its naturally occurring or synthetically produced ingredients, whether produced directly or indirectly by extraction or independently by means of chemical synthesis or by a combination of extraction and chemical synthesis; but shall not include the mature stalks of such plant, fiber produced from such stalks, oil or cake made from the seeds of such plant, any other compound, manufacture, salt, derivative, mixture, or preparation of such mature stalks (except the resin extracted therefrom), fiber, oil or cake, or the sterilized seed of such plant which is incapable of germination.

**PERSON:** Any individual, corporation, government or governmental subdivision or agency, business trust, estate, trust, partnership or association, or any other entity.

**SUBSEQUENT OFFENSE:** An offense under this section, the offender of which, prior to his or her conviction of the offense, has at any time been convicted under this section or under any laws of the United States or of any state relating to cannabis.

- (B) *Possession of cannabis; violations; punishment:* It is unlawful for any person to knowingly possess more than 30 grams of cannabis. It is unlawful for any person under the age of 21, knowingly to possess cannabis.
- (C) *Persistent abuse of drugs:* It shall be prima facie evidence that any person who is less than 18 years of age at the time of a second or subsequent conviction of an offense under this section is a persistent abuser of drugs as defined in section 6-2-5.7 of this chapter.
- (D) *Possession of adult use cannabis in a motor vehicle*

1. No driver may use cannabis within the passenger area of any motor vehicle upon a roadway within any area of the Village of Glen Ellyn.

2. No driver may possess cannabis within any area of any motor vehicle upon a roadway within any area of the Village of Glen Ellyn except in a sealed, odor-proof, child-resistant cannabis container.

3. No passenger may possess within any area of any motor vehicle upon a roadway within any area of the Village of Glen Ellyn except in a sealed, odor-proof, child-resistant cannabis container.

- (E) *Parental responsibility*

It is unlawful for any parent or guardian to knowingly permit his or her residence, any other private property under his or her control, or any vehicle, conveyance, or watercraft under his or her control to be used by an invitee of the parent's child or the guardian's ward, if the invitee is under the age of 21, in a manner that constitutes a violation of this Section. A parent or guardian is deemed to have knowingly permitted his or her residence, any other private property under his or her control, or any vehicle, conveyance, or watercraft under his or her control to be used in violation of this Section if he or she knowingly authorizes or permits consumption of cannabis by underage invitees.

(F) Any person who violates this section shall, upon conviction, be fined not less than \$25.00, nor more than \$100, for each offense.





Glen Ellyn Village Board  
535 Duane Street  
Glen Ellyn, IL 60137

Meeting: 01/27/20 07:00 PM  
Department: Community Development  
Department Head: Staci Springer  
Category: Ordinance  
Prepared By: Katie Ashbaugh

SCHEDULED

ORDINANCE 6760

DOC ID: 4320

## **Ordinance No. 6760, An Ordinance Approving Variations from the Accessory Structure and Permitted Obstruction Setback Requirements for an Addition on the Property Located at 494 Carleton**

### **Background**

The property owner and petitioner, James Campbell, is requesting approval of four variations from the Glen Ellyn Zoning Code to allow the replacement of an existing one-car detached garage with a new two-car detached garage to the rear of the existing single-family home located at 494 Carleton Avenue. The proposed garage is 560 square-feet, with a width of 14 feet and depth of 40 feet to allow for two cars to park in tandem (parallel). The existing detached garage is one foot from the north interior side property line and they desire to construct a new two-car detached garage that same distance from said property. The four variations each relate to the proximity of the proposed detached garage to the north interior side property line. The proposed setback of the foundation from the north interior side property line is one foot where three feet is required. The proposed setback of the eave is eight inches where one foot six inches is required and the proposed setback of the gutter and downspouts is three inches where one foot six inches is required.

The subject property is a legal nonconforming 50-foot wide lot in the R2 Residential District and is located on the west side of Carleton Avenue, just north of the intersection with Duane Street. The properties to the north, south, east, and west are all zoned R2 Residential District and are improved with single family homes. Notice of the public hearing was published in the Daily Herald on November 22, 2019. The Zoning Board of Appeals (ZBA) conducted a public hearing for the requested variations on Tuesday, December 10, 2019. Following discussion with the property owner and deliberation of the members, the public hearing was continued to January 14, 2020 due to the gutter being proposed over the north interior property line and the ZBA requested the petitioner to revise his plans to show the entire detached garage on his property.

### **Public Hearing Summary**

At the December 10, 2019 public hearing, the ZBA reviewed the existing conditions of the property, the proposed location of the detached garage requiring the variations, and considered testimony from the property owner.

The property owners of properties within 350 feet of the subject property were mailed notice of the public hearing. No one that was sent public notice attended the hearing to speak for or against the request. The property owners of the properties immediately adjacent to the north, south, and west, in addition to the property owners immediately across Carleton Avenue to the east each signed a petition indicating their support of the project (see attached).

The ZBA found that the following hardships or unique circumstances applied to this request: that there is no other location except the existing location that will work; that the lot is non-conforming

with mature trees and has a large area that regularly floods in the rear yard, resulting in the proposed location of the detached garage; that Development Civil Engineer Amy McKenna, PE, CFM, confirmed this is the best location; that this is a common issue with the narrow lots in this neighborhood; and that the current detached garage is unsafe.

### **Recommendation**

At the public hearing on January 14, 2020, the ZBA voted on a motion to recommend approval of the requested variations which carried with four (4) yes votes and one (1) no vote. In accordance with this recommendation for approval, staff has prepared an ordinance to **approve** the requested variations.

### **Action Requested**

The Village Board should consider the petitioners' request, the recommendation offered by the ZBA and any further evidence or testimony presented at the Village Board Meeting and grant, deny or amend the requested variation.

### **Attachments**

- Ordinance
- Aerial Photo
- Petition of Support
- Exhibit A - Approved Minutes of December 10, 2019 ZBA Meeting
- Exhibit B - Draft Minutes of January 14, 2020 ZBA Meeting
- Exhibit C - Site Plan
- Exhibit D - Elevations

CC: James Campbell, owner and petitioner

Ordinance 6760

Meeting of January 27, 2020



**Village of Glen Ellyn**

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**Ordinance No. 6760**

**An Ordinance Approving Variations  
from the Accessory Structure and  
Permitted Obstruction Setback Requirements  
for an Addition on the Property Located at  
494 Carleton Avenue, Glen Ellyn, IL 60137**

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**Adopted by the  
President and the Board of Trustees  
Of the Village of Glen Ellyn  
DuPage County, Illinois  
This \_\_\_\_\_ Day of \_\_\_\_\_, 20\_\_.**

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Published in pamphlet form by the authority  
of the President and Board of Trustees of the  
Village of Glen Ellyn, DuPage County, Illinois,  
this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_.

**PREPARED BY AND MAIL TO:**  
VILLAGE OF GLEN ELLYN  
ATTN: VILLAGE CLERK  
535 DUANE STREET  
GLEN ELLYN, IL 60137

Ordinance 6760

Meeting of January 27, 2020

**Ordinance No. 6760****An Ordinance Approving Variations  
from the Accessory Structure and  
Permitted Obstruction Setback Requirements  
for an Addition on the Property Located at  
494 Carleton Avenue, Glen Ellyn, IL 60137**

**Whereas**, James Campbell, owner of property at 494 Carleton Avenue, Glen Ellyn, Illinois, which is legally described as follows:

THE SOUTH ½ OF LOT 3 OF SAUNDER'S SUBDIVISION OF PART OF LOT 58 OF ASSESSMENT DIVISION OF SECTION 11, TOWNSHIP 39 NORTH, RANGE 10 EAST OF THE THIRD PRINCIPAL MERIDIAN, AND BLOCK 14 OF THAIN'S ADDITION TO GLEN ELLYN, IN DUPAGE COUNTY, ILLINOIS.

PIN: 05-11-416-011

has petitioned the President and Board of Trustees of the Village of Glen Ellyn for variations from Sections 10-5-4(A)(4)(c), 10-5-5(B)(4), 10-5-5(B)(4) #9, and 10-5-5(B)(4) #17 of the Glen Ellyn Zoning Code to allow the construction of a detached garage to be one (1) foot from the interior side property line in lieu of the minimum required setback of three (3) feet for both accessory structures greater than ten (10) feet from the principal structure and for roofed over structures, to allow the eave on the north elevation of the detached garage to be no less than eight (8) inches from the north interior side property line in lieu of the minimum distance required of one (1) foot six (6) inches for eaves, and to allow the gutter and downspouts on the north elevation of the detached garage to be no less than three (3) inches from the interior side property line in lieu of the minimum distance required of one (1) foot six (6) inches for gutters and downspouts, all in the R2 Residential District; and

**Whereas**, following due notice by publication in the Daily Herald not less than fifteen (15) nor more than thirty (30) days prior thereto, and by mailing notice to all property owners within 250 feet of the subject property at least ten (10) days prior thereto, the Glen Ellyn Zoning Board of Appeals conducted a public hearing on December 10, 2019, at which the petitioner presented evidence, testimony, and exhibits in support

of the request for variations and zero (0) persons appeared in favor of the request for variations and zero (0) persons appeared in opposition thereto; and

**Whereas**, included in the evidence presented by the petitioner, was a petition signed by eight (8) property owners immediately adjacent to the property herein described above to the north, west, and south and also to the east across Carleton Avenue to attest their support for the request for variations to allow the construction of a detached garage; and

**Whereas**, following the petitioner's presentation of evidence, testimony, and exhibits in support of the request for the variations listed herein above, the Zoning Board of Appeals continued the December 10, 2019 public hearing to January 14, 2020, and requested the petitioner to revise their plans to clarify the proximity of the eave, gutter, and downspouts on the north elevation of the detached garage to the north interior side property line; and

**Whereas**, at the public hearing on January 14, 2020, the petitioner presented revised plans as requested by the Zoning Board of Appeals to its satisfaction; and

**Whereas**, based upon the evidence, testimony, and exhibits presented at the public hearing on December 10, 2019, and January 14, 2020, the Zoning Board of Appeals adopted findings of fact and voted on a motion to recommend approval of the variations, which carried by a vote of four (4) "yes" and one (1) "no", resulting in a recommendation for approval as set forth in its Draft Minutes dated January 14, 2020, appended hereto as Exhibit "B"; and

**Whereas**, the President and Board of Trustees have reviewed the Approved Minutes of the December 10, 2019 Zoning Board of Appeals public hearing, attached hereto as Exhibit "A", the Draft Minutes of the January 14, 2020 Zoning Board of Appeals public hearing, attached hereto as Exhibit "B", the site plan, attached hereto as Exhibit "C" and received on November 15, 2019, the elevations, attached hereto as Exhibit "D" having been revised and received on December 26, 2019, and the evidence presented at the December 10, 2019 and January 14, 2020 Zoning Board of Appeals public hearings and have considered the findings of fact and recommendations of the Zoning Board of Appeals; and

**Whereas**, the President and Board of Trustees make the following findings of fact:

- A. That the practical difficulty or particular hardship, being that the subject property has a depressional area in its southwest corner toward which stormwater naturally flows and that the properties immediately surrounding the subject property have added impervious surfaces over time that has increased the flow of stormwater toward the southwest corner and across the rear yard of the subject property, rendering the rear yard unsuitable for the construction of the proposed detached garage that is otherwise permitted in accordance with the Glen Ellyn Zoning Code; and
- B. That the variations, if granted, will not alter the essential character of the locality as the variations will allow the petitioner to replace an existing detached garage with a new detached garage in a similar location to that of the existing detached garage on the subject property and that is consistent with the location of other principal and accessory structures on neighboring properties, the setbacks of other principal and accessory structures on neighboring properties, and fits the character of the surrounding neighborhood; and
- C. That the purpose of the variations is not based exclusively upon a desire to make more money out of the property since the petitioner purchased the property in 1992 with the intent to reside on the property for the foreseeable future for their own personal use; and
- D. That the variations will not be detrimental to the public comfort, morals, and welfare or injurious to other property or improvements in the neighborhood in which the property is located since the use is permitted in the zoning district and the detached garage will be constructed in accordance with all applicable zoning code regulations other than the variations granted; and
- E. That the variations will not substantially increase the hazard from fire or other dangers to said property and not otherwise impair the public health, safety, or general welfare of the



inhabitants of the Village since the detached garage will be constructed in accordance with all applicable building code regulations; and

- F. That the variations will not diminish or impair property values within the neighborhood; and
- G. That the variations will not unduly increase traffic congestion in the public streets and highways, as the traffic pattern on site will not be changed; and
- H. That the variations will not result in an increase in public expenditures or create a nuisance since this is an improvement to the existing single-family residential use in a residential zoning district; and
- I. That the variations are the minimum variations that will make possible the reasonable use of the land, building or structure; and

**Whereas**, the President and Board of Trustees, based on the aforementioned findings of fact, find it appropriate to grant the variations as recommended by the Zoning Board of Appeals.

**Now, Therefore, be it Ordained** by the President and Board of Trustees of the Village of Glen Ellyn, DuPage County, Illinois, in exercise of its home rule powers, as follows:

**Section One:** The Approved Minutes of the December 10, 2019 Glen Ellyn Zoning Board of Appeals meeting, Exhibit "A" appended hereto, and the Draft Minutes of the January 16, 2020 Glen Ellyn Zoning Board of Appeals meeting, Exhibit "B" appended hereto, are hereby accepted, and the findings of fact and conclusions set forth in the preambles above are hereby adopted as the findings of fact and conclusions of the corporate authorities of the Village of Glen Ellyn.

**Section Two:** Based upon the above findings of fact, the President and Board of Trustees hereby approve the variations from Sections 10-5-4(A)(4)(c), 10-5-5(B)(4), 10-5-5(B)(4) #9, and 10-5-5(B)(4) #17 of the Glen Ellyn Zoning Code to allow the construction of a detached garage to be one (1) foot from the interior side property line in lieu of the minimum required setback of three (3) feet for both accessory structures greater than ten (10) feet from the principal structure and for roofed over structures, to allow the

eave on the north elevation of said detached garage to be no less than eight (8) inches from the north interior side property line in lieu of the minimum distance required of one (1) foot six (6) inches for eaves, and to allow the gutter and downspouts on the north elevation of said detached garage to be no less than three (3) inches from the interior side property line in lieu of the minimum distance required of one (1) foot six (6) inches for gutters and downspouts, all in the R2 Residential District for the property at 494 Carleton Avenue, Glen Ellyn, Illinois, which is legally described as follows:

THE SOUTH ½ OF LOT 3 OF SAUNDER'S SUBDIVISION OF PART OF LOT 58 OF ASSESSMENT DIVISION OF SECTION 11, TOWNSHIP 39 NORTH, RANGE 10 EAST OF THE THIRD PRINCIPAL MERIDIAN, AND BLOCK 14 OF THAIN'S ADDITION TO GLEN ELLYN, IN DUPAGE COUNTY, ILLINOIS.

PIN: 05-11-416-011

**Section Three:** This grant of variations is conditioned upon the detached garage being constructed in substantial conformance with the testimony and exhibits provided at the December 10, 2019, and the January 14, 2020 Zoning Board of Appeals public hearings, including the site plan, attached hereto as Exhibit "C" and received on November 15, 2019, and the elevations, attached hereto as Exhibit "D" and revised and received on December 26, 2019.

**Section Four:** The Building and Zoning Official is hereby authorized and directed to issue building permits for the subject property, consistent with the variations granted herein, provided that all conditions set forth hereinabove have been met and that the proposed construction is in compliance with all other applicable laws and ordinances. This grant of variations shall expire and become null and void twenty-four (24) months from the date of passage of this Ordinance unless a building permit to begin construction in reliance on these variations is applied for within said twenty-four (24)-month time period and construction is continuously and vigorously pursued provided, however, the Village Board, by motion, may extend the period during which permit application, construction, and completion shall take place.

**Section Five:** The Village Clerk is hereby authorized and directed to cause a copy of this Ordinance approving the variations to be recorded with the DuPage County Recorder of Deeds.

**Section Six:** This Ordinance shall be in full force and effect from and after its passage, approval, and publication in pamphlet form.

**Section Seven:** Failure of the owner or other party in interest or a subsequent owner or other party in interest to comply with the terms of this Ordinance, after execution of said Ordinance, shall subject the owner or party in interest to the penalties set forth in Section 10-10-18 "A" and "B" of the Village of Glen Ellyn Zoning Code.

Passed by the President and Board of Trustees of the Village of Glen Ellyn, Illinois this \_\_\_\_ day of \_\_\_\_\_.

|               |  |                    |  |                |  |              |
|---------------|--|--------------------|--|----------------|--|--------------|
| <b>Ayes</b>   |  | Diane McGinley     |  | Steve Thompson |  | Mark Senak   |
|               |  | Craig Pryde        |  | Bill Enright   |  | Gary Fasules |
|               |  | Kelli Christiansen |  |                |  |              |
|               |  |                    |  |                |  |              |
| <b>Nays</b>   |  | Diane McGinley     |  | Steve Thompson |  | Mark Senak   |
|               |  | Craig Pryde        |  | Bill Enright   |  | Gary Fasules |
|               |  | Kelli Christiansen |  |                |  |              |
|               |  |                    |  |                |  |              |
| <b>Absent</b> |  | Diane McGinley     |  | Steve Thompson |  | Mark Senak   |
|               |  | Craig Pryde        |  | Bill Enright   |  | Gary Fasules |
|               |  | Kelli Christiansen |  |                |  |              |

Approved by the Village President of the Village of Glen Ellyn, Illinois this \_\_\_\_ day of \_\_\_\_\_.

\_\_\_\_\_  
Village President

Attest:  
  
\_\_\_\_\_

Ordinance 6760

Meeting of January 27, 2020

Village Clerk

AFFIX VILLAGE SEAL

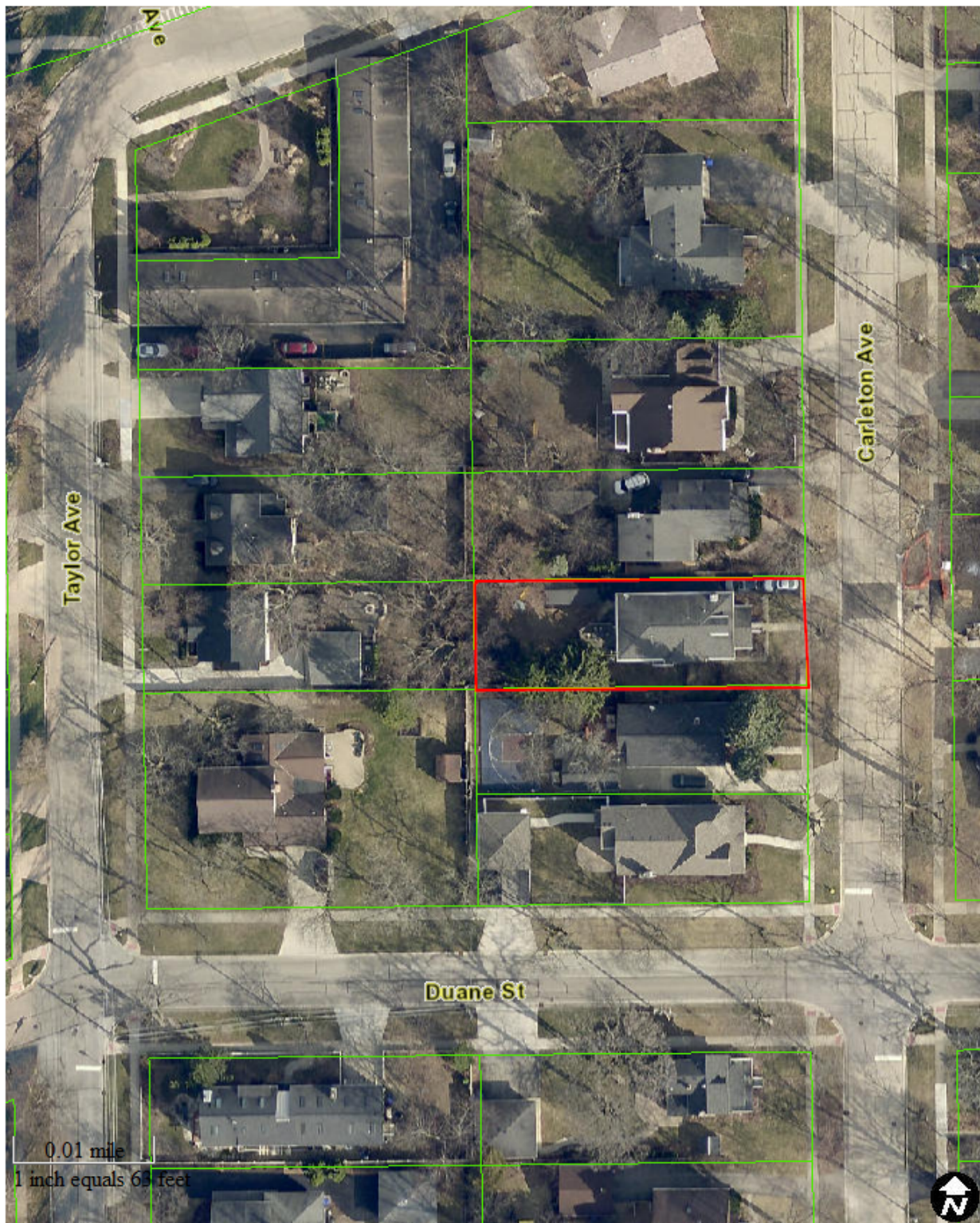
(Published in pamphlet form and posted on the \_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_.)

**ATTACHMENTS:**

- Aerial Photo (PDF)
- Signatures of Support (PDF)
- Exhibit A - Approved Minutes of the December 10, 2019 ZBA Meeting (PDF)
- Exhibit B - Draft Minutes of the January 14, 2020 ZBA Meeting (PDF)
- Exhibit C - Proposed Site Plan (PDF)
- Exhibit D - Proposed Elevations (PDF)



## 494 Carleton - Aerial Photo



Map created on October 14, 2019.

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Disclaimer: This map is for general information purposes only. Although the information is believed to be generally accurate, errors may exist and the user should independently confirm for accuracy. The map does not constitute a regulatory determination and is not a base for engineering design. A Registered Land Surveyor should be consulted to determine precise location boundaries on the ground.



Campbell Residence  
494 Carleton Ave.  
Glen Ellyn, IL 60137

RECEIVED

NOV 20

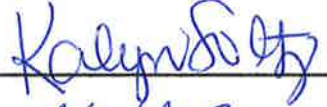
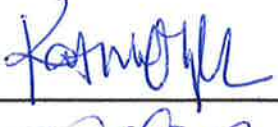
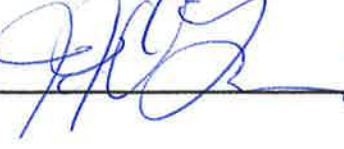
VILLAGE OF GLEN ELLYN

## Petition for Variation Approval

I understand and am aware that the Campbell's desire to replace the existing detached garage with a new structure to be located within the same adjacent side yard setback on their property as the current garage at 494 Carleton Ave., Glen Ellyn. I have seen the Plat of Survey and completely understand their desire.

It is my belief that, as with the current structure, the new structure as it will sit/exist will have no negative impact on the public welfare nor will it be injurious to the other property or improvements in the neighborhood in which it is located. The proposed plan will not impair an adequate supply of light and air to the adjacent property. It will not substantially increase the hazard from fire or other dangers to the property in question or adjacent property. It will not diminish or impair property values to the neighborhood.

I am in support of the zoning variation to allow the garage to be constructed in the location they desire.

| Name (print)        | Address          | Signature                                                                            | Date       |
|---------------------|------------------|--------------------------------------------------------------------------------------|------------|
| Don Louitsch        | 495 Taylor Ave   |   | 11/17/2019 |
| Rikkah Louitsch     | 495 Taylor Ave   |  | 11/17/2019 |
| Kalyn Foltz         | 497 Carleton Ave |  | 11/17/2019 |
| MATTHEW FOLTZ       | 497 CARLETON AVE |  | 11/19/2019 |
| Robbie Loos         | 498 Carleton Ave |  | 11/19/2019 |
| Robbie Loos         | 498 CARLETON AV. |    | 11/19/2019 |
| Kathleen O'Laughlin | 490 Carleton Ave |  | 11/19/2019 |
| J.J. O'Laughlin     | 490 Carleton Ave |  | 11/25/2019 |

MINUTES  
ZONING BOARD OF APPEALS  
DECEMBER 10, 2019

The meeting was called to order by ZBA Chairperson Greg Constantino at 7:03 p.m. ZBA Members Michelle Covington, Matt Jones, Chip Miller, Reed Panther and Tom Whalls were present. ZBA Student Intern Maddie Greenleaf was excused. Also present were Village Planner Kelly Purvis, Village Planner Katie Ashbaugh, Trustee Liaison Kelli Christiansen and Recording Secretary Debbie Solomon.

Chairperson Constantino explained the procedures of the Zoning Board of Appeals (ZBA) and stated tonight's meeting is called pursuant to notice by statute that was published in the Daily Herald on November 22, 2019, and all property owners affected by the variations being requested were notified by mail.

MINUTES

ZBA Member Covington moved, seconded by ZBA Member Whalls, to approve the minutes of the November 19, 2019 meeting. The motion carried unanimously with a voice vote.

On the agenda was a public hearing regarding the property at 494 Carleton Avenue.

ZBA Chairperson Constantino stated all members of the Zoning Board of Appeals have visited the property and are familiar with the plans that were submitted.

A motion was made by ZBA Member Miller and seconded by ZBA Member Jones to open the public hearing for 494 Carleton Avenue at 7:05 p.m. The motion carried unanimously with a voice vote.

PUBLIC HEARING – 494 CARLETON AVENUE

PETITIONER JAMES CAMPBELL IS REQUESTING APPROVAL FROM THE GLEN ELLYN ZONING CODE AS FOLLOWS: 1. TO ALLOW THE CONSTRUCTION OF A DETACHED GARAGE ONE FOOT FROM THE INTERIOR SIDE LOT LINE IN LIEU OF THE MINIMUM DISTANCE REQUIRED OF THREE FEET FOR ACCESSORY STRUCTURES GREATER THAN TEN FEET FROM THE PRINCIPAL STRUCTURE IN THE R2-RESIDENTIAL DISTRICT. 2. TO ALLOW THE CONSTRUCTION OF A DETACHED GARAGE ONE FOOT FROM THE INTERIOR SIDE LOT LINE IN LIEU OF THE MINIMUM DISTANCE REQUIRED OF THREE FEET FOR ROOFED OVER STRUCTURES IN THE R2 – RESIDENTIAL DISTRICT. 3. ANY OTHER ZONING RELIEF NECESSARY TO CONSTRUCT THE PROJECT AS DEPICTED ON THE PLANS PRESENTED OR REVISED AT THE PUBLIC HEARING OR A PUBLIC MEETING OF THE VILLAGE BOARD.

(James Campbell, owner of the property at 494 Carleton Avenue)



Staff Presentation

Village Planners Kelly Purvis and Katie Ashbaugh were present to speak regarding the proposed variation request and were sworn in.

Village Planner Ashbaugh stated petitioner James Campbell, owner of the property at 494 Carleton Avenue, is requesting two variations from the Glen Ellyn Zoning Code to construct a 560 square-foot two-car, detached garage to the rear of his existing home. Village Planner Ashbaugh showed an aerial view of the property and stated the subject property and the surrounding properties are all zoned R2 – Residential. Village Planner Ashbaugh stated the subject property is an interior lot located on the west side of Carleton Avenue, just north of the Duane Street and Carleton Avenue intersection.

Village Planner Ashbaugh stated notice of the public hearing was published in the November 22, 2019 edition of the Daily Herald, mailed to property owners within in 250 feet of the subject property and a placard was placed on the property. Village Planner Ashbaugh stated the subject property is 7,500 square feet in area and has a lot width of 50 feet, so the lot is a legal nonconforming lot.

Village Planner Ashbaugh showed the 2019 Plat of Survey for this property and stated the petitioner is proposing a new 14 foot by 40 foot two-car garage toward the rear of the property to replace the existing garage. Village Planner Ashbaugh stated accessory structures with roofs and those farther than ten feet from the principal structure, are required to be at least three feet from the interior side and rear lot lines. Village Planner Ashbaugh stated the petitioner proposes to construct the new garage in approximately the same location as the existing garage with a larger footprint to park two vehicles in tandem (parallel), with a one-foot setback from the north interior side lot line. Village Planner Ashbaugh stated with the proposed garage, the maximum eave and ridge height will be compliant and will not need variations. Village Planner Ashbaugh showed pictures of the existing property and renderings of the proposed new garage.

Village Planner Ashbaugh showed a 2-foot contour map to show the depression area to the west side of the property and stated she and Development Civil Engineer Amy McKenna did visit this site and noted the depressional areas.

Questions from the Zoning Board of Appeals

ZBA Member Miller asked if where the measurement for the setback was taken from. Village Planner Purvis stated when surveys are done for detached garages, they go to the foundation for the setback measurement.

ZBA Member Miller asked if the proposed garage gutter will then overhang the property line. Village Planner Ashbaugh stated this does appear to be the case, the ZBA might have to approve two additional variations on top of the two listed. Village Planner Ashbaugh said this was allowed, as the public hearing notice includes the phrase, "Any other zoning relief necessary," as a catch-all for cases such as these. Village Planner Ashbaugh stated that it does appear based on this observation that two additional variations from Sections 10-5-5 (B)(4) #9 & Section 10-5-5 (B)(4) #17 would be required.

#### Petitioners' Presentation

Sworn in for the Petitioner's Presentation was James Campbell, owner of the property at 494 Carleton Avenue.

Mr. Campbell stated they have lived in the home since 1992, and the home is approximately 90 years old. Mr. Campbell stated he thinks the garage is almost as old as the home. Mr. Campbell stated the existing garage is not in good shape, and they would like to replace the existing one-car garage with a two-car garage. Mr. Campbell stated the yard is tight and narrow, and in the past 10 years, construction on neighboring properties has created water flow into his yard. Mr. Campbell stated if they built a garage that was compliant to the code, this would put the garage right in this flow of water.

Mr. Campbell stated the construction on the neighboring properties changed the direction of the water flow into his yard. Mr. Campbell stated there is a catch basin on the southwest corner of the lot which was put in approximately 6 years ago. Mr. Campbell stated they are proposing a tandem garage so the garage would not be sitting in water. Mr. Campbell stated he will be working with the builder to create a drainage system for all the water on the property to flow into as they build this proposed garage. Mr. Campbell stated their hardship is that any draining water flows through and then stands in their back yard, and if they moved the garage over, the garage would then run into their deck, and they could not access their back yard.

Mr. Campbell showed pictures of their property and things added in the neighboring yards to show why the water is flowing to their yard. Mr. Campbell stated a koi pond and deck were installed in the property to the north and a sport court and deck were installed in the property to the south. Mr. Campbell said at the time the sport court was installed, that he had called the Village about it and was told that a permit was not required for it. Mr. Campbell continued to describe the conditions of the surrounding properties and stated that in the mid-2010s, he and his wife rented the property for a few years and lived out of state and thus were not around during any building activities of their neighbors. Mr. Campbell stated that during this time, the owners of the property to the west installed new landscaping which included several very large boulders. Mr. Campbell showed photos of them and continued that he would have certainly notified the Village of this if he had been living on the property at the time.

Additional Questions from the Zoning Board of Appeals

ZBA Member Jones asked what the Development Civil Engineer said about the water. Mr. Campbell stated the Development Civil Engineer McKenna said that she understood what they were dealing with and what they are trying to do with this proposed garage. Village Planner Ashbaugh read from an email written by Development Civil Engineer McKenna which stated, "Adjacent neighbors have filled their back yards with landscaping improvements and have essentially filled in some of the areas that would store water during a larger event, forcing more of the water toward Mr. Campbell's property. There is a storm sewer in the area that drains the depression so it is not completely undrained, but I would expect water would pond in the yard during a large storm event. Mr. Campbell has learned to manage this, and his home seems to be protected from flooding. It is my opinion that he is locating his garage expansion thoughtfully to allow the water to continue to pond in his rear yard where it currently does, and he is planning to extend some additional sewer to improve drainage of the area, north of his existing/proposed garage." Village Planner Ashbaugh stated Development Civil Engineer McKenna did not provide any direct suggestions, other than the improvements the petitioner is planning in terms of additional storm sewer and placement make sense to her, pending permit plan review.

ZBA Member Jones asked if the Development Civil Engineer say the garage could not be built to code. Village Planner Ashbaugh stated according to the email from Civil Engineer McKenna, she seems to be in agreement with where the garage is proposed. ZBA Member Jones asked if the garage could be elevated. Mr. Campbell stated the garage is already up a bit, but he would not want to go any higher, and he does not want water around it.

Mr. Campbell stated he has signatures from the immediately surrounding neighbors, all agreeing to the construction of this proposed garage.

ZBA Member Whalls asked if there were always permits needed for sport courts. Village Planner Purvis stated she cannot speak to this. Mr. Campbell stated he called the Village when the neighbor was building the sport court, and the Village at that time said that sport courts were not in the Village's code.

ZBA Member Miller asked if the existing garage is dangerous if left as is. Mr. Campbell stated it is. ZBA Member Miller asked if the petitioner would have a problem if a requirement was added for the new garage gutter to drain to the west of the garage. Mr. Campbell stated he did not have an issue with this.

ZBA Member Covington asked if the gutter will be going over the property line. An unidentified speaker stated that it was going over the property line. Chairperson Constantino asked if the proposed garage could be reduced to 13 feet wide so the gutter would not hang over. Mr. Campbell stated he could do this, but he does not want to as a 13-foot wide garage would not work for them.

ZBA Member Whalls stated this can be taken care of easily, and the Village should get involved regarding the water drainage. Village Planner Ashbaugh stated Civil Engineer McKenna will do a review of the proposed drainage system and added that this review would be required whether or not the variations were necessary to build the garage.

#### Persons in Favor of or in Opposition to the Variation Requests

No one spoke for or against these variation requests.

#### Findings of Fact

ZBA Member Panther stated the property in question is 494 Carleton, and petitioner James Campbell is seeking a variation from Section 10-5-4(A)(4)(c) to allow the construction of a detached garage one foot from the interior side lot line in lieu of the minimum distance required of three feet for accessory structures greater than ten feet from the principal structure in the R2 - Residential District, from Section 10-5-5(B)(4) to allow the construction of a detached garage one foot from the interior side lot line in lieu of the minimum distance required of three feet for roofed over structures in the R2 - Residential District and any other zoning relief necessary to construct the project as depicted on the plans presented. ZBA Member Panther stated the subject property and the surrounding properties are zoned R-2 Residential. ZBA Member Panther stated the subject property is an interior lot, located on the west side of Carleton Avenue, just north of the Duane Street and Carleton Avenue intersection. ZBA Member Panther stated there is no record of prior variations being granted for this property.

ZBA Member Panther stated they heard from Village Planner Ashbaugh and Village Planner Purvis. ZBA Member Panther stated the existing garage is approximately ten feet seven inches wide by 22 feet six inches. ZBA Member Panther stated the petitioner is proposing a new two-car garage of 14 feet by 40 feet, continuing along the existing one foot setback. ZBA Member Panther stated the petitioner indicated the existing garage is in a state of disrepair. ZBA Member Panther stated it was noted that the proposed eave will overhang 12 inches from the foundation line, and the proposed gutter will overhang the north interior side property line.

ZBA Member Panther stated they heard from petitioner James Campbell who said they have lived on the property since 1992, and that the existing garage is in disrepair. ZBA Member Panther stated it was noted there is a tree line along the rear of the property which the petitioner is trying to maintain. ZBA Member Panther stated there is a depressional area along the property to the west, and the topographical maps which were in the ZBA Members' packets are not necessarily consistent with field conditions. ZBA Member Panther stated there is a catch basin located on the southwest portion of the property that catches most of the water flow from the surrounding area.

ZBA Member Panther stated staff read an email from Development Civil Engineer Amy McKenna who indicated that the adjacent properties have done landscaping improvements

which has essentially filled in some of the areas that would store water during a larger event. ZBA Member Panther stated it has been indicated the existing garage as it stands now could be dangerous, and any drainage of the downspouts will drain to the west.

### Motion

ZBA Member Whalls moved, seconded by ZBA Member Covington, that the Zoning Board of Appeals recommend approval of the Findings of Fact.

### Additional Comments from the Zoning Board of Appeals

ZBA Member Miller stated he cannot recommend this currently with the issue of the gutter overhanging onto the neighboring property. ZBA Member Miller stated he suggests they table this to the next meeting so the Campbells can meet with their builder and figure out how to make the gutter not overhang onto the neighboring property.

Mr. Campbell asked if there is a requirement to have a gutter on a garage. Village Planner Purvis stated she is not sure on this and would confirm with other appropriate Community Development Department staff. Mr. Campbell stated they are fine without a gutter on the north side of the garage. There was discussion regarding what they could do with this.

ZBA Member Miller stated if they can resolve the gutter issue, he would be in support of this.

ZBA Member Covington stated she understands the hardship and feels the petitioner has been thoughtful about the property. ZBA Member Covington stated the only issue she has is with the proposed gutter, but she would support this if the gutter issue is resolved.

ZBA Member Whalls stated he is in support of this.

ZBA Member Jones stated he understands the hardship of the water, but he feels this can be resolved and is not supportive of this. ZBA Member Jones stated the garage will be 40 feet long and one foot off the lot line. ZBA Member Jones stated where the water goes is a separate issue, and he would move the garage toward the back.

ZBA Member Panther stated he is supportive of this as well. ZBA Member Panther stated the Development Civil Engineer says the proposed garage will add the minimum amount of impervious area to the property.

Chairperson Constantino stated he is in favor of this due to the existing garage being dangerous and a new garage would sit in an area that floods. Chairperson Constantino stated they would need to remove mature trees if they built a code-compliant garage. Chairperson Constantino stated the Lot Coverage Ratio would be approximately 18%, and this proposal will not affect the character of the neighborhood. Chairperson Constantino stated the drainage issues will be

improved and paid for by the Campbells. Chairperson Constantino stated there would be a problem in drafting a motion that goes to the Village Board with the proposed gutter. Chairperson Constantino stated the Campbells and their builder need to draft a plan that meets their needs and does not affect the neighbors.

ZBA Member Whalls asked if a French drain could be put in the one-foot setback. Village Planner Purvis stated they will take this question to the Development Civil Engineer.

#### Motion

A motion was made by ZBA Member Miller and seconded by ZBA Member Panther to continue the public hearing for 494 Carleton Avenue to the next regularly scheduled Zoning Board of Appeals meeting on January 14, 2020. The motion carried unanimously with a voice vote.

#### Village Board Trustee Report

Trustee Christiansen stated there will be a discussion regarding the proposed Parking Garage at the Plan Commission meeting the following Thursday, December 12, 2019. Trustee Christiansen stated the Avere project and Bucky's project are moving along. Trustee Christiansen stated the Village Board approved a real estate broker to market the property at 825 N. Main Street.

#### Staff Report

Village Planner Purvis stated there will be a few items discussed at Thursday's Plan Commission meeting, including the parking garage, a zoning amendment for the Prairie Path and a pre-application meeting for the Glen Ellyn Food Pantry. Village Planner Purvis stated there has been some interest in the McChesney site. Village Planner Purvis there will be an open house shortly for the public to see information and give more input on the Village's proposed update to the Comprehensive Plan.

#### Adjournment

At 8:43 p.m., a motion was made by ZBA Member Whalls and seconded by ZBA Member Covington to adjourn the meeting. The motion carried unanimously by a voice vote.

Respectfully submitted,  
Debbie Solomon  
Recording Secretary

Reviewed by,  
Katie Ashbaugh, AICP  
Village Planner

DRAFT MINUTES  
ZONING BOARD OF APPEALS  
JANUARY 14, 2020

The meeting was called to order by ZBA Chairperson Greg Constantino at 7:04 p.m. ZBA Members Michelle Covington, Matt Jones, Chip Miller, Reed Panther and Student Member Maddie Greenleaf were present. ZBA Member Thomas Whalls was excused. Also present were Village Planner Kelly Purvis, Village Planner Katie Ashbaugh, Development Civil Engineer Amy McKenna and Executive Assistant Lindsey Kaminsky.

On the agenda was a public hearing regarding the property at 494 Carleton Avenue continued from December 10, 2019.

Chairperson Constantino explained this is a continuation of the Zoning Board of Appeals meeting held on December 10, 2019.

PUBLIC HEARING – 494 CARLETON AVENUE

PETITIONER JAMES CAMPBELL IS REQUESTING APPROVAL FROM THE GLEN ELLYN ZONING CODE AS FOLLOWS: 1. TO ALLOW THE CONSTRUCTION OF A DETACHED GARAGE ONE FOOT FROM THE INTERIOR SIDE LOT LINE IN LIEU OF THE MINIMUM DISTANCE REQUIRED OF THREE FEET FOR ACCESSORY STRUCTURES GREATER THAN TEN FEET FROM THE PRINCIPAL STRUCTURE IN THE R2-RESIDENTIAL DISTRICT. 2. TO ALLOW THE CONSTRUCTION OF A DETACHED GARAGE ONE FOOT FROM THE INTERIOR SIDE LOT LINE IN LIEU OF THE MINIMUM DISTANCE REQUIRED OF THREE FEET FOR ROOFED OVER STRUCTURES IN THE R2 – RESIDENTIAL DISTRICT. 3. ANY OTHER ZONING RELIEF NECESSARY TO CONSTRUCT THE PROJECT AS DEPICTED ON THE PLANS PRESENTED OR REVISED AT THE PUBLIC HEARING OR A PUBLIC MEETING OF THE VILLAGE BOARD. 4. TO ALLOW THE EAVE OF A NEW DETACHED GARAGE TO BE NO LESS THAN EIGHT INCHES FROM THE INTERIOR SIDE LOT LINE IN LIEU OF THE MINIMUM DISTANCE REQUIRED OF ONE FOOT SIX INCHES FOR GUTTERS AND DOWNSPOUTS IN THE R2 – RESIDENTIAL DISTRICT. 5. TO ALLOW THE GUTTER AND DOWNSPOUTS OF A NEW DETACHED GARAGE TO BE NO LESS THAN FOUR INCHES FROM THE INTERIOR SIDE LOT LINE IN LIEU OF THE MINIMUM DISTANCE REQUIRED OF ONE FOOT SIX INCHES FOR GUTTER AND DOWNSPOUTS IN THE R2 – RESIDENTIAL DISTRICT.

(James Campbell, owner of the property at 494 Carleton Avenue)

Staff Presentation

This Public Hearing is continued from December 10, 2019 regarding 494 Carleton Avenue.

Village Planner Ashbaugh stated petitioner James Campbell, owner of the property at 494 Carleton Avenue, is requesting four variations from the Glen Ellyn Zoning Code to construct a 560 square-foot detached garage to the rear of his existing home. Village Planner Ashbaugh



showed an aerial view of the property and stated the subject property and the surrounding properties are all zoned R2 – Residential. Village Planner Ashbaugh stated the subject property is an interior lot located on the west side of Carleton Avenue, just north of the Duane Street and Carleton Avenue intersection.

Village Planner Ashbaugh showed the 2019 Plat of Survey for this property and stated the petitioner is proposing a new 14 foot by 40 foot garage toward the rear of the property to replace the existing garage. The footprint of the proposed garage is remaining the same as previously provided on December 10, 2019.

Village Planner Ashbaugh stated accessory structures with roofs and those farther than ten feet from the principal structure, are required to be at least three feet from the interior side and rear lot lines. Village Planner Ashbaugh stated the petitioner proposes to construct the new garage in approximately the same location as the existing garage with a larger footprint to park two vehicles in tandem (parallel), with a one-foot setback from the north interior side lot line.

Village Planner Ashbaugh stated the petitioner is now proposing that the north eave on the detached garage be no closer than eight inches to the north interior side lot line, in lieu of the required distance of one foot six inches. In addition, the petitioner is also now proposing that the north gutter and downspout on the detached garage be no closer than three inches from the north interior side lot line, in lieu of the required distance of one foot six inches. The gutter and downspout are now entirely on the subject property and do not encroach onto the adjacent property to the north, 498 Carleton Avenue. Village Planner Ashbaugh stated the petitioner has also added two windows on the north elevation to address comments made on the December 10, 2019 meeting.

Village Planner Ashbaugh stated the ZBA may choose to make a recommendation to the Village Board for the approval, approval with conditions, or denial of the request.

#### Questions from the Zoning Board of Appeals

ZBA Member Jones asked how close the neighbor's fence to the lot line is. Village Planner Ashbaugh stated the neighbor's fence is 8/10 of a foot, or nine and ½ or ten inches, from the north interior side lot line (south lot line for the property located at 498 Carleton Avenue).

ZBA Member Jones asked if the neighbors can move their fence to the south so that it is right on the lot line in the future. Village Planner Ashbaugh stated the answer is yes.

ZBA Member Jones asked if in the future can they (the petitioner) completely resurface the driveway and leave it on the lot line. Village Planner Ashbaugh stated they can maintain the current placement, but cannot move over the lot line.

ZBA Member Miller asked if it is common in the general neighborhood to have garages and driveways on the lot line. Village Planner Ashbaugh confirmed it is not uncommon in this particular neighborhood.

#### Petitioners' Presentation

Mr. James Campbell stated he has three additions from his previous presentation on December 10, 2019. Mr. Campbell stated the below points:

1. The gutter is now inside border of his property, 494 Carleton Avenue
2. That he took into consideration regarding the 40 foot flat surface facing the neighbors to the north, so they added the windows
3. That he requested Development Civil Engineer McKenna to be at the meeting in case there were any questions to why they are keeping the garage where they are in regard to stormwater

#### Additional Questions from the Zoning Board of Appeals

ZBA Member Jones asked assuming that the neighbor's fence stays in its current location, but also considering the fence can be moved as close to one foot to the garage, does Mr. Campbell have any concerns on maintaining the area next to the garage. Mr. Campbell stated he needs clarification on the code regarding the location of a fence to a lot line. Mr. Campbell stated he does not have any concerns on maintaining the area next to the garage.

Development Civil Engineer Amy McKenna was sworn in.

Development Civil Engineer McKenna stated fences can be installed on the property line. However, it is rare that someone would install a fence right on the property line. Development Civil Engineer McKenna stated that allowing to install a fence on the property line is not new to the Village Code; however, it is common practice to not install to the property line.

ZBA Member Jones asked the petitioner the need for a 14 foot wide garage compared to a 10 or 12 foot garage, which is common for a one car garage. Mr. Campbell stated it is for ease of maneuverability and space that is required.

ZBA Member Jones asked what would happen if the ZBA only approved a 12 foot garage. Mr. Campbell stated he would have to reconsider the project.

ZBA Member Miller asked if 498 Carleton Avenue has the same situation with their garage being on the property line. Mr. Campbell stated it is built on their property line.

ZBA Student Member Greenleaf asked if they are lifting the garage up so it doesn't flood. Mr. Campbell stated the most of the garage and foundation will be above grade. Mr. Campbell also stated they decided to move the eave in so they could have gutters that are not required on a

garage. Additionally, Mr. Campbell stated they will have an elaborate drain system to remove additional water along the property line.

#### Persons in Favor of or in Opposition to the Variation Requests

No one spoke for or against these variation requests.

#### Findings of Fact

ZBA Member Panther stated the majority of the findings of fact will remain the same.

ZBA Member Panther stated the footprint of the proposed garage remains the same.

ZBA Member Panther stated the modification of the proposal will require two additional variations, first, to allow the eave of the proposed detached garage to be no less than eight inches from the interior side lot line in lieu of the minimum distance of one foot six inches required for eaves in the R2 – Residential District

ZBA Member Panther stated the second additional variation is to allow the gutter and downspouts of the proposed detached garage to be no less than three inches from the interior side lot line in lieu of the minimum distance required of one foot six inches for gutters and downspouts in the R2 – Residential District.

ZBA Member Panther stated they heard from Development Civil Engineer McKenna indicating that Village Code allows fences to be installed up to the lot line, but common practice is the install fences six inches from the lot line.

#### Motion

ZBA Member Miller moved, seconded by ZBA Member Covington, that the Zoning Board of Appeals recommended approval of the Findings of Fact.

#### Additional Comments from the Zoning Board of Appeals

ZBA Student Member Greenleaf stated she just wants to make sure the space between the garage and neighbors fence be as clean as possible.

ZBA Member Jones stated he sees the hardship in regards to the stormwater backyard, but does not see the hardship in regard to how wide they are proposing the garage to be. ZBA Member Jones he talked to builders who stated they only need 10 to 12 feet of width, not 14 feet. ZBA Member Jones stated he does not see the hardship to that wide of a garage.

ZBA Member Panther stated he is in favor of the proposal. ZBA Member Panther stated the existing garage is located one foot from the property line now, so that is not being changed. ZBA Member Panther stated the issues regarding the gutter have been resolved.

ZBA Member Covington stated it was referenced in the 12/10/2019 meeting minutes that it was discussed the possibility of the garage being reduced to 13 feet so the gutter did not hang over. It was stated that Mr. Campbell did not want to reduce the size of the garage for the reasons he reiterated at this meeting. ZBA Member Covington stated her biggest concern was the gutters hanging over the lot line which has now been resolved. ZBA Member Covington stated she appreciates the windows being added.

ZBA Member Miller stated he appreciates that Mr. Campbell made the recommended changes from the previous meeting. ZBA Member Miller also stated that garage cannot be moved elsewhere due to flooding. ZBA Member Miller stated when you look at the neighborhood there are houses and garages that are on the property line and this is the character of the neighborhood. ZBA Member Miller also stated there are no complaints from the neighbors, including the neighbors that are most affected, being those of 498 Carleton Avenue.

Chairperson Constantino stated he agrees with all the provisions and statements made. Chairperson Constantino stated the existing garage is unsafe and there is a hardship to repair the garage, which is not practical so rebuilding is the option. Chairperson Constantino stated that Mr. Campbell could not construct a side-by-side detached garage as it would move the garage to a flood area and may require a tree removal. Chairperson Constantino the proposal has been reviewed and approved by all neighbors directly adjacent neighbors. Chairperson Constantino requests that the motion states construction will be build according to the plans as submitted.

#### Motion

A motion was made by ZBA Member Covington and seconded by ZBA Member Jones to close the public hearing for 494 Carleton Avenue at 7:39 p.m. The motion carried unanimously with a voice vote.

A motion was made by ZBA Member Miller and seconded by ZBA Member Panther, as follows:

Having considered the application of James Campbell, petitioner and owner of the property located at 494 Carleton Avenue, for four zoning variations, which are as follows: to allow a setback of one foot from the interior side lot line in lieu of the minimum required setback of three feet for both accessory structures greater than 10 feet from the principal structure and for roofed over structures; to allow an eave to be no less than eight inches from the interior side lot line in lieu of the minimum distance required of one foot six inches for eaves; to allow a gutter and downspouts to be no less than three inches from the interior side lot line in lieu of the minimum distance required of one foot six inches for gutters and downspouts, and any other zoning relief necessary to construct the project as depicted on the plans presented or revised at the public hearing or at a public meeting of the Village Board, all for the construction

of a new detached garage in the R2 – Residential District on an interior lot located at 494 Carleton Avenue, the Zoning Board of Appeals hereby adopts the findings of fact in the petitioner’s application packet and presented by the petitioner at the Zoning Board of Appeals public hearing conducted on December 10, 2019 and January 14, 2020, as well as the findings included in the deliberations of the Zoning Board of Appeals and recommends APPROVAL of the requested zoning variations from Sections 10-5-4(A)(4)(c); 10-5-5(B)(4); 10-5-5(B)(4) #9; and 10-5-5(B)(4) #17 of the Glen Ellyn Zoning Code due to the following hardship(s) or unique circumstance(s):

1. There is no other location except the existing location that will work.
2. The lot is non-conforming with mature trees and has a large area that regularly floods in the rear yard, resulting in the proposed location of the garage.
3. Development Civil Engineer McKenna’s report confirmed this is the best location.
4. This is a common issue with the narrow lots in this neighborhood.
5. The current garage is unsafe.

Subject to the following conditions:

1. Construction will be built according to the plans as submitted today.

The motion was carried with four (4) “yes” votes and one (1) “no” vote. The “yes” votes are as follow: ZBA Members Covington, Miller, Panther and Chairperson Constantino. The “no” vote is as follows: ZBA Member Jones.

ZBA Chairperson Constantino stated the ZBA has now recommended approval this application and will now go to the Village Board for approval, and Village Planner Ashbaugh can tell you when this will be.

### MINUTES

ZBA Member Miller moved, seconded by ZBA Member Covington, to approve the minutes of the December 10, 2019 meeting. The motion carried unanimously with a voice vote.

### Village Board Trustee Report

None

### Staff Report

Village Planner Ashbaugh stated there are no current zoning variation applications on file. There may be a construction necessitated variation coming up next month.

Village Planner Ashbaugh stated the Village Board appointed Katie Crudele, the new ZBA Member. Village Planner Ashbaugh will be completing orientation with her this week, and ZBA Member Crudele will be at the next meeting.

Village Planner Ashbaugh stated to expect the January 28, 2020 meeting to be cancelled.

### Adjournment

At 7:48p.m., a motion was made by ZBA Member Jones and seconded by ZBA Member Covington adjourn the meeting. The motion carried unanimously by a voice vote.

Respectfully submitted,

Lindsey Kaminsky  
Executive Assistant

Reviewed by,  
Katie Ashbaugh, AICP  
Village Planner

PLAT OF SURVEY

PROFESSIONAL LAND SURVEYING, INC.

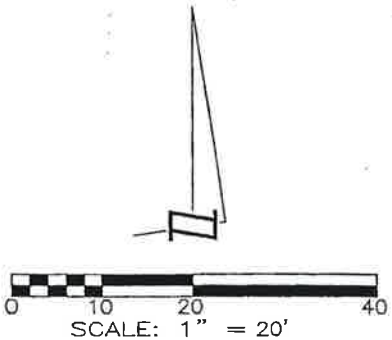
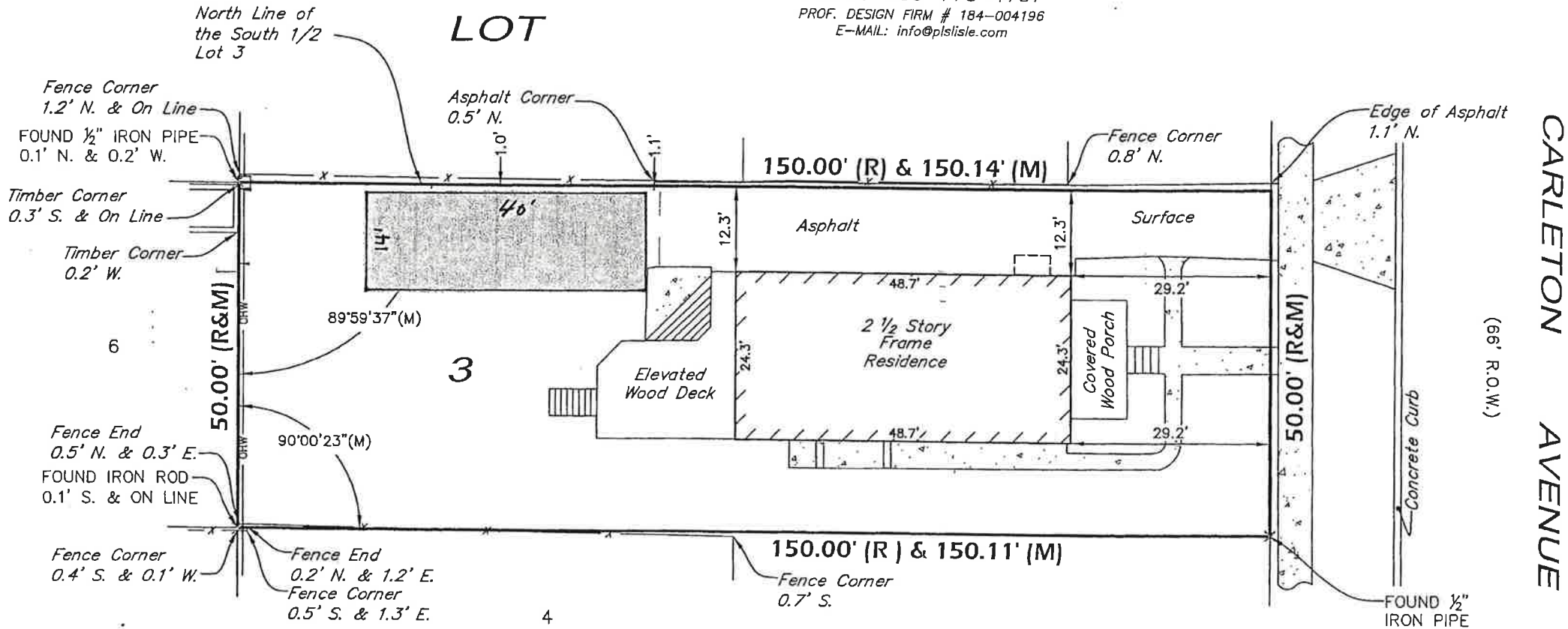
3080 OGDEN AVENUE SUITE 307

LISLE, ILLINOIS 60532

PHONE: 630-778-1757

PROF. DESIGN FIRM # 184-004196

E-MAIL: info@plsllsle.com



PARCEL INDEX NUMBER  
05-11-416-011

RECEIVED

NOV 15 2019

VILLAGE OF GLEN ELLYN

LEGAL DESCRIPTION

THE SOUTH 1/2 OF LOT 3 OF SAUNDER'S SUBDIVISION OF PART OF LOT 58 OF ASSESSMENT DIVISION OF SECTION 11, TOWNSHIP 39 NORTH, RANGE 10 EAST OF THE THIRD PRINCIPAL MERIDIAN, AND BLOCK 14 OF THAIN'S ADDITION TO GLEN ELLYN, IN DUPAGE COUNTY, ILLINOIS.

(NOTE: PLAT RECORDING 6/19/1908 093801)

PREPARED FOR: CAMPBELL  
ADDRESS: 494 CARLETON AVENUE, GLEN ELLYN, ILLINOIS  
BOOK & PG: 220/68 DATE: 09/23/19 JOB NO: 1917595  
DRAWN BY: JLK CHECK BY: GLK  
REVISED:

NOTE:  
POSSIBLE EASEMENT OF ANY PUBLIC SERVICE CORPORATION AS DISCLOSED BY SERVICE POLES AND/OR WIRES ON REAR OF LAND.

SYMBOL LEGEND

- CONCRETE SURFACE
- X-X- FENCE LINE
- (R) - RECORD DATA
- (M) - MEASURED DATA
- UTILITY POLE
- OHW- OVERHEAD WIRES

SURVEYED AREA: 7,506± SQ. FT.  
THIS SURVEY IS NOT VALID WITHOUT THE SURVEYOR'S ORIGINAL SIGNATURE IN BLUE INK  
REFER TO YOUR DEED, ABSTRACT, TITLE POLICY AND LOCAL BUILDING AND ZONING ORDINANCE FOR ITEMS NOT SHOWN HEREON.  
NO MEASUREMENTS ARE TO BE ASSUMED BY SCALING

STATE OF ILLINOIS )  
COUNTY OF DUPAGE ) SS

PROFESSIONAL LAND SURVEYING, INC. HEREBY CERTIFIES THAT IT HAS SURVEYED THE TRACT OF LAND ABOVE DESCRIBED, AND THAT THE HEREON DRAWN PLAT IS A CORRECT REPRESENTATION THEREOF.



FIELD WORK COMPLETED AND DATED THIS 19TH DAY OF SEPTEMBER, 2019.

*[Signature]*

IPLS No. 3483  
MY LICENSE EXPIRES 11/30/2020

THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.





424 Ogden Avenue  
Downers Grove, IL 60515  
630-852-8485  
630-852-0350 fax

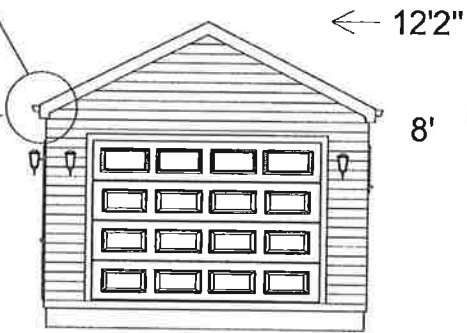
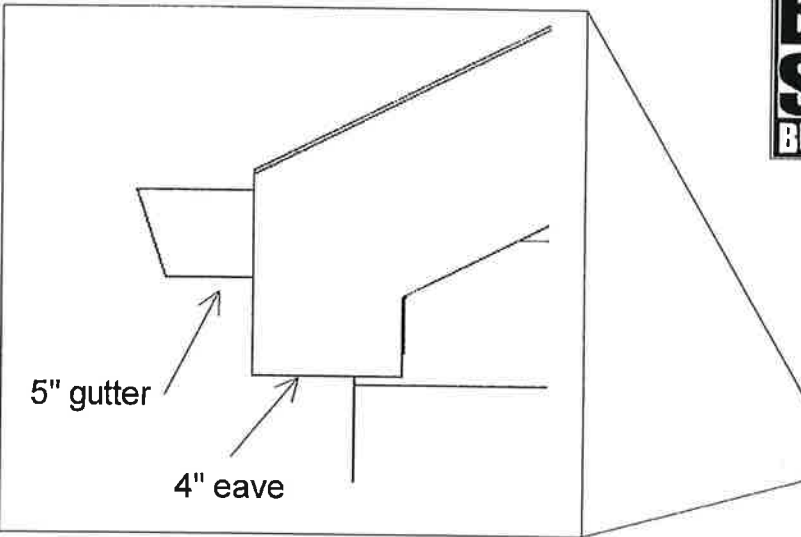
FOR: Jim Campbell  
494 Carleton Ave  
Glen Ellyn

Date: 12/26/19  
Scale: 1/8" = 1'

RECEIVED

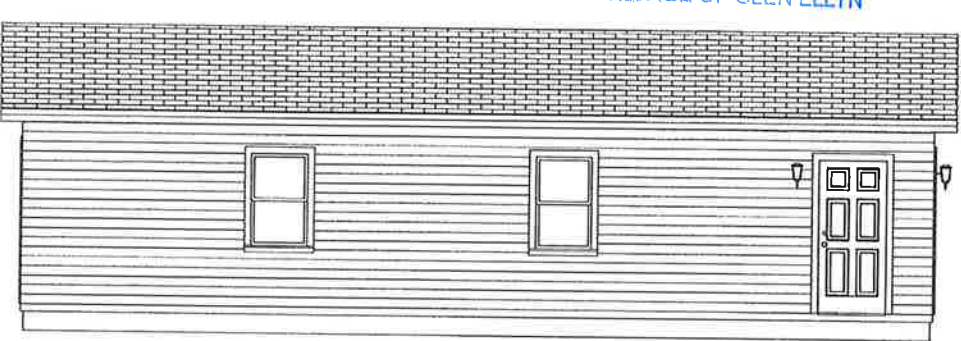
DEC 28 2019

VILLAGE OF GLEN ELLYN

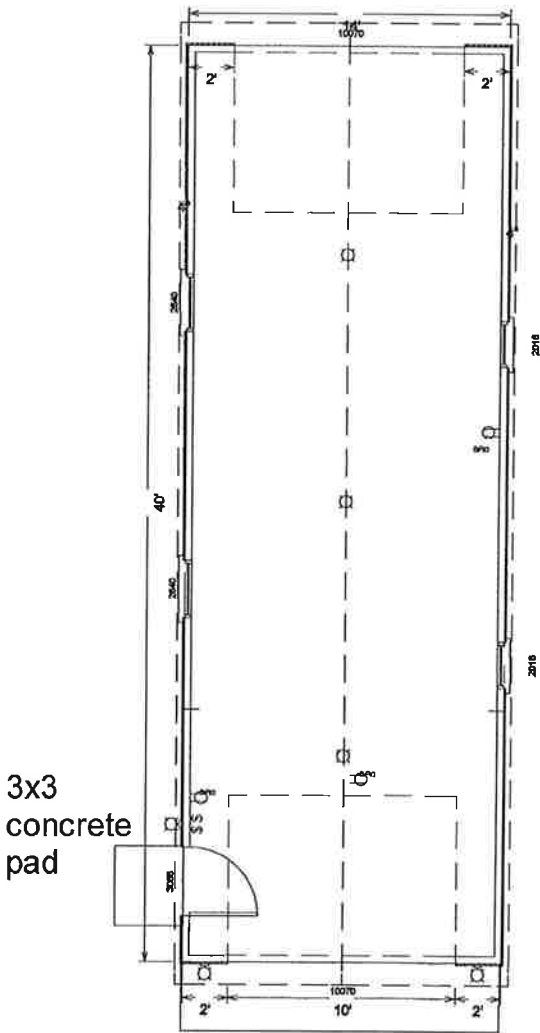


14' East Elevation Front

East and West sides of garage to have 4" eaves + 5" gutters. 9" total

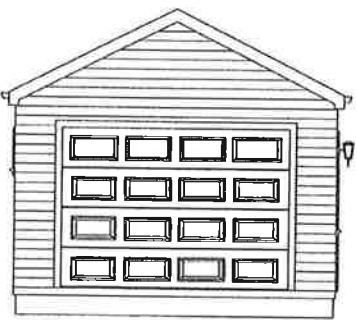


40' South Elevation Side



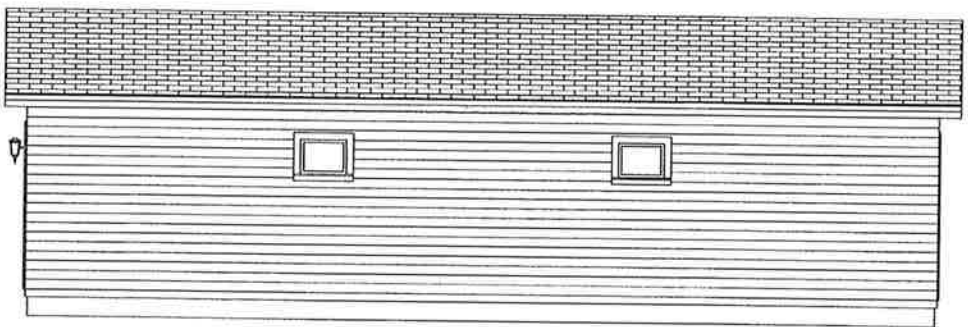
3x3 concrete pad

3' concrete apron



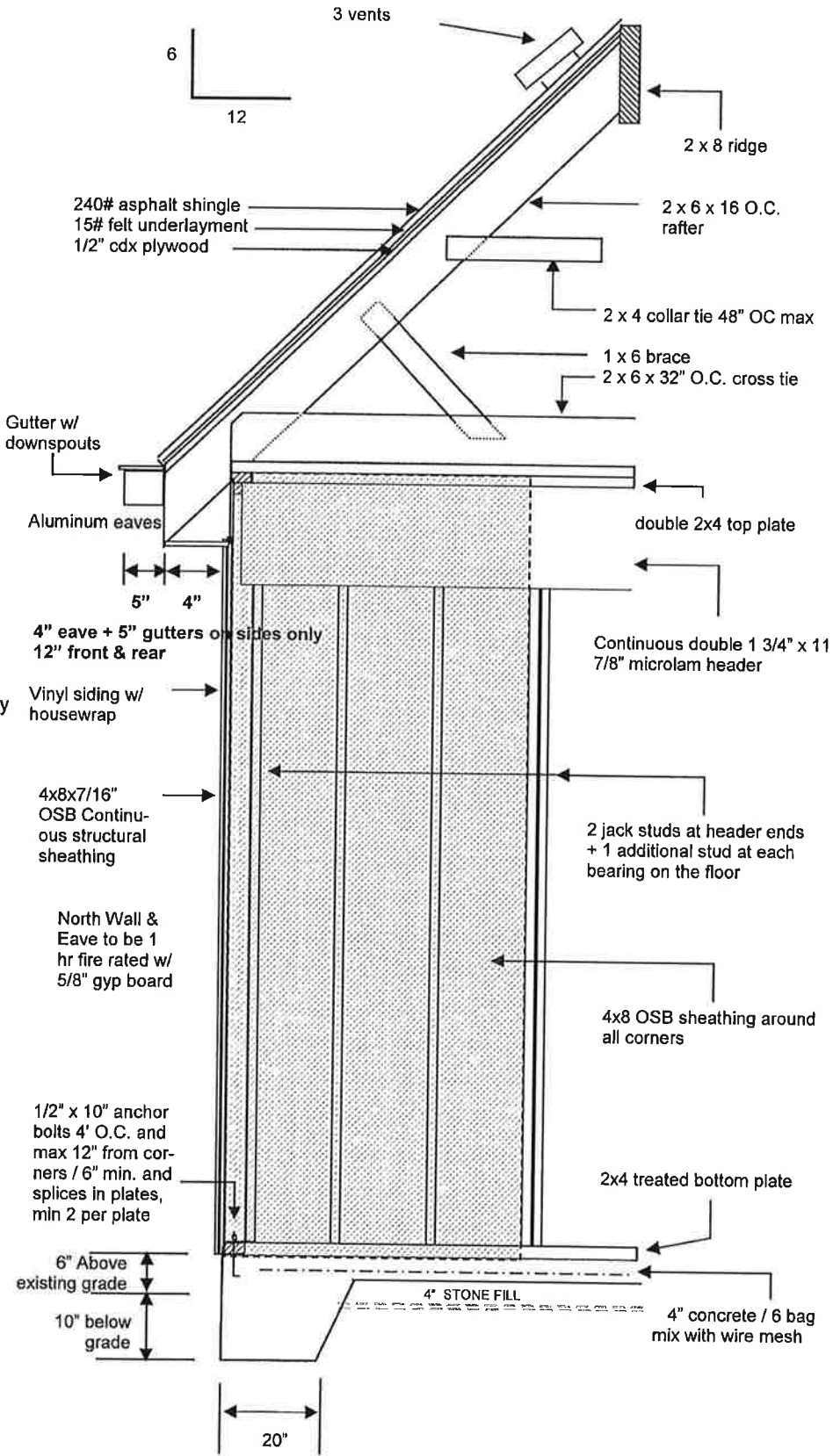
14' West Elevation Back

East and West sides of garage to have 4" eaves + 5" gutters. 9" total



40' North Elevation Side

- GARAGE SIZE: 14x40
- ROOF STYLE: Gable
- WALL SHEATHING: 4x8x7/16" OSB
- SWAY BRACES: 4x8x7/16" OSB
- SIDING: Vinyl w/ housewrap
- STUDS: 2X4X16" O.C.  
SPF #2 OR BETTER
- TOP PLATE: DOUBLE 2X4
- BOTTOM PLATE: TREATED 2X4
- RAFTERS: 2X6X16" O.C.
- RIDGE: 2X8 SPF #2 OR BETTER
- CROSS TIES: 2X6X32" O.C.
- ROOFING: 15# FELT UNDER  
240# ASPHALT SHINGLE
- SHEATHING: 4X8X1/2" CDX PLYWOOD  
SPAN RATES 32/16 OR  
BETTER
- VENTS: 3 mushroom
- EAVES: 12" aluminum front & rear only  
4" eaves + 5" gutters on sides
- OVERHEAD DOOR: 2 - 10x7 steel
- SERVICE DOOR: 36" X 80"
- WINDOWS: vinyl
- HEADERS: —  
O.H.D.: Cont. Double  
1 3/4" x 11 7/8" MICROLAM
- SERVICE/WINDOW: DOUBLE 2X8
- WALL HGT: 8'
- TOTAL HGT: 12'2"
- GUTTERS: Yes - aluminum
- ANCHORS: 1/2" ANCHOR BOLTS 4' O.C.  
AND 1' MAX / 6" MIN FROM  
CORNERS AND SPLICES IN  
PLATES - MIN 2 PER PLATE
- FLOOR: 4" CONCRETE - 6 BAG MIX  
W/ #10 wire mesh & vapor barrier  
on 4" compacted sub-base
- APRON: 4" CONCRETE ON 4"  
COMPACTED SUB-BASE
- WATER LEDGE: RAISED CONCRETE ON 3  
SIDES
- FOOTINGS: 20"x10" below grade  
6" above grade



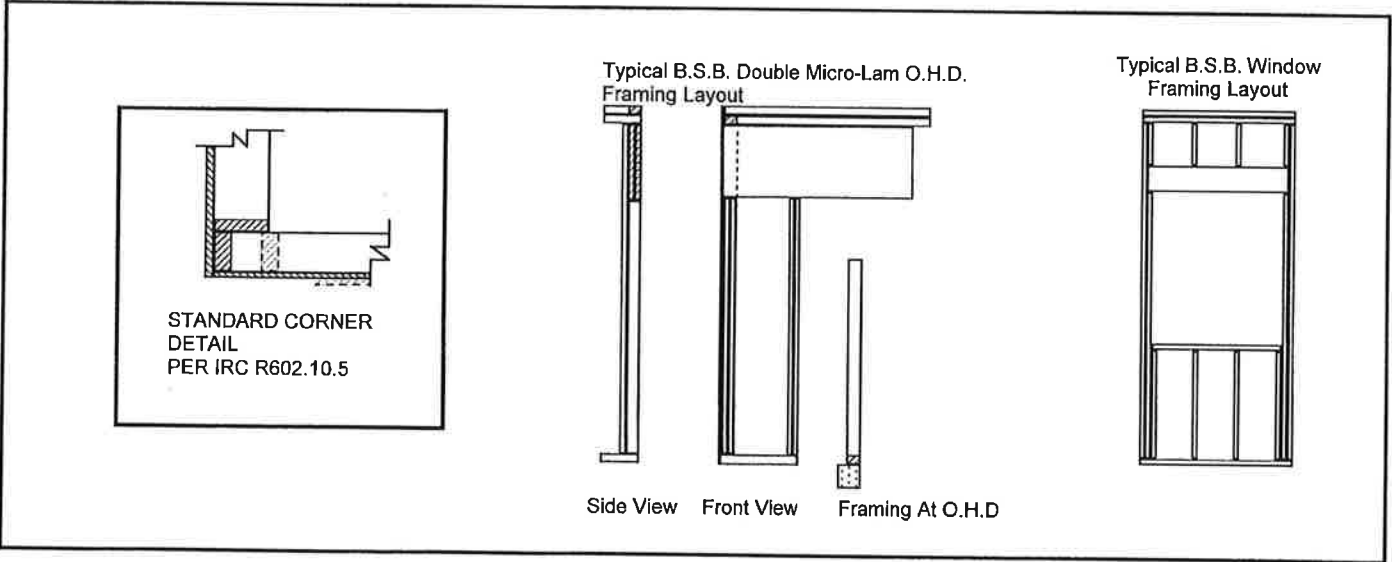
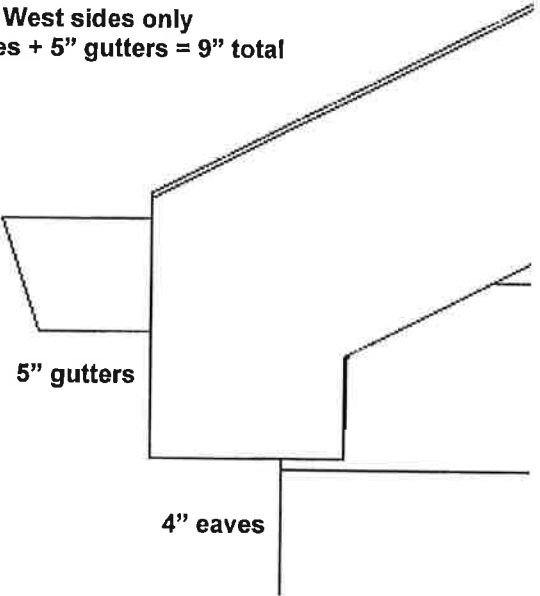
|                          |                                                                                                      |        |              |                                                     |
|--------------------------|------------------------------------------------------------------------------------------------------|--------|--------------|-----------------------------------------------------|
| <b>BLUE SKY BUILDERS</b> | BLUE SKY BUILDERS<br>424 OGDEN AVENUE<br>DOWNERS GROVE, IL 60515<br>630-852-8485<br>630-852-0350 FAX | DATE:  | 12/26/19     | FOR: Jim Campbell<br>494 Carleton Ave<br>Glen Ellyn |
|                          |                                                                                                      | SCALE: | Not to scale |                                                     |
|                          |                                                                                                      | SIZE:  | 14x40        |                                                     |
|                          |                                                                                                      | ROOF:  | Gable        |                                                     |

RECEIVED

DEC 26 2019

VILLAGE OF GLEN ELLYN

East & West sides only  
4" eaves + 5" gutters = 9" total



Electric: UFB 12/2 with  
Ground 18" Deep with  
Rigid Pipe Entrance @  
House & Garage

Garage floor to be sloped toward the main vehicle entry.

ADDRESS: 494 Carleton Ave Glen Ellyn





Glen Ellyn Village Board  
535 Duane Street  
Glen Ellyn, IL 60137

Meeting: 01/27/20 07:00 PM  
Department: Community Development  
Department Head: Staci Springer  
Category: Ordinance  
Prepared By: Steve Witt

TABLED

ORDINANCE 6750

DOC ID: 4289

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**Ordinance No. 6750-VC, An Ordinance Amending Chapter 1 (Building Code) and Chapter 8 (Tree Preservation) of Title 4 (Building Regulations) and Chapter 4 (Forestry Management) of Title 8 (Public Ways and Property) of the Village Code of the Village of Glen Ellyn, Illinois, to Amend Contractor Registration Requirements**

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Update from January 21, 2020 Village Board workshop:

Pursuant to the Village Board meeting held on January 13, 2020, the proposed amendments to the contractor registration program were discussed at the Village Board workshop held on January 21, 2020. Based on that discussion, staff will bring the item in back front of the Village Board for their re-consideration at the regularly scheduled Village Board meeting to be held on January 27, 2020. The only change to the proposed amendments, as previously reviewed by the Village Board, will be correction of a typographical error that was discovered in the proposed text. As presented, the proposed amendments will shorten the permit process and streamline the permit experience for customers without compromising the level of protection that is currently afforded to residents.

Staff will work with the Village Attorney to determine if there is an approach that can be taken to disqualify contractors from working within the Village based on their performance or the severity or number of citations that may be issued against the contractor for violations of the Village's building codes.

Brief Update Since 1-13-20 Village Board Meeting

In an effort to shorten the permit process and streamline the permit experience for customers, staff brought this discussion item to Village Board workshops on March 18, 2019 and June 24, 2019. Village Board feedback was to maintain some elements of a registration process that would confirm insurance coverage and State licenses, without requiring staff to maintain a detailed database of such information.

The proposed amendments to the contractor registration program are intended to make the program more user-friendly and time efficient for both customers and staff, without reducing the level of protection the current program offers. The main proposed amendments to the contractor registration program are:

1. Certificate of Insurance: Contractors are still required to submit a Certificate of Insurance in favor of the Village. The change is that a certificate must be submitted with each permit application in lieu of on an annual basis. This will avoid unnecessary delays in permit issuance in the event that the certificate on file has expired.
2. Surety Bond: Submission of a Surety Bond to the Village will no longer be required,

however, the requirements of the State of Illinois to obtain a State license, which requires Surety Bonds, will not change. We will confirm all State-licensed contractors have a current State license. This will also alleviate the inevitable delay in permit issuance when previously issued bonds have expired. Additionally, it will save permit processing time as staff will no longer need to perform data entry for this document or check the expiration date of the previously issued bond.

3. Fees: Due to the reduced staff workload, the fee for contractor registration is proposed to be eliminated, which is already reflected in the approved 2020 Budget.
4. Tree Contractors: Tree contractors proposing to prune or remove public, significant, or protected trees have always been expected to register with Public Works. However, it was not possible for Public Works to track private property pruning and tree removal which does not require a permit. Therefore, the Public Works tree contractor registration has always been largely voluntary for private property activities. That requirement does not change, only that a formal registration would not be required. The Public Works Department currently does not formally register tree contractors.

For clarity, under the current municipal code, both the Certificate of Insurance and a Surety Bond offer protection to the Village (as an additional insured on the Certificate of Insurance, or as obligee on the Surety Bond), they do not afford direct protection to the general public. The difference between the two documents is that the insurance company does not expect repayment from the insured in the event a claim is paid on but a surety does expect repayment by the contractor for any payment made under the bond. Both documents afford the same level of protection, only the claim amount would be considered to be paid, so having a Surety Bond and a Certificate of Insurance is duplicative in coverage and a needless additional cost to the contractor, particularly for small projects where the cost of the bond becomes a high percentage of the overall cost of the work.

**Background:**

Prior to November 2009, the Village did not have a contractor registration program. At the November 16, 2009 Village Board Workshop meeting, Director Springer indicated that the Planning & Development Department was seeking Village Board feedback on establishing a contractor registration program. At that time, it was projected that the annual revenue from registering contractors would be about \$75,000. Further discussion ensued over the next few months and an ordinance was passed on March 8, 2010 making contractor registration regulations effective on March 15, 2010.

In the years since the ordinance has passed, the number of contractors that were registered annually grew steadily from 355 in 2011, to 646 in 2017. However, the revenue from the registration program fell from \$42,565 in 2011 to \$35,380 in 2017 (far short of the original projection) as the department recognized that it was not allowed to collect a fee to register contractors that were already registered by the State or by other municipalities (see Attachment C for listing). These contractors register with the Village for free. In 2017, of the 646 contractors that were registered, only 57% paid a fee to register. Nonetheless, staff expended time to process their registration paperwork, including entering their company data, insurance and bonds into our permit tracking software system (MUNIS).



In 2019, there were 2,294 cases of new contractor registrations or existing registrations renewed by the updating of surety bond and/or insurance information. The total number of registration payments was 565, or just 25% of the total number of cases, totaling \$42,135 in revenue. 75% of all cases were updated without any payment made.

**Issue:**

It was believed that contractor registration would provide a needed mechanism to control contractors performing work within the Village. Since the inception of the contractor registration program in 2010, not one contractor has been suspended or had its registration revoked due to a violation of a municipal ordinance or provision of the building codes. The issuance of citations has been the alternative method of providing this control. The onset of the Administrative Adjudication system in April, 2017 has provided a quicker and more efficient method of controlling contractor activities than taking cases to Circuit Court where fines are minimally assessed. Fifty-four citations related to building construction have been issued to date, covering eighty-nine separate building code violations, with fines collected totaling \$60,393.97, and another \$111,150 in process of being collected.

In 2019, the number of contractors registered was 565. It is estimated that staff expends on average about 10 minutes registering a contractor, which converts to 94 man-hours. The number of times that surety bond and insurance information was updated in Munis was 1,729. Staff estimates they spend about one hour per day updating contractor information in Munis. The total annual man-hours spent on contractor registration is then about 345. The cost to manage the program is then about \$9,500 and the net income from the contractor registration program in 2019 was then \$42,135 - \$9,500 = \$32,635, not including a reduction to account for staff time spent in the Finance Department to process the registration payments.

The contractor registration program has proven to be extremely customer un-friendly. Registration of contractors must be completed prior to the issuance of a building permit. More often than not, the issuance of permits is delayed (estimated at 1.5 weeks on the average) due to permit applicants not knowing what contractor they are going to use because they did not get bids on their project prior to applying for a permit, contractors failure to list the contractors they intend to perform the work, the contractor registration(s) are determined to have lapsed causing new applications to be required, the contractor's insurance certificate was determined to have lapsed and must be renewed, the Village was awaiting contractors to complete the required application or submit documentation such as a copy of their license or a surety bond.

There is also a perception that contractor registration serves to protect the general public. To some extent it does, but only in that staff verifies that State-issued registrations are current. The insurance or surety bond currently collected from contractors that are not licensed by the State only serves to ensure repair to any damage in the public right-of-way, they are not written to protect the land owner and the public cannot draw on them. Certainly a side benefit to the public is that the contact information for the contractor's insurance carrier is on record even if the coverage does not extend to the general public.

The contractor registration program was discussed during Village Board workshops held on March 18, 2019 and June 24, 2019. Feedback received included the Board's interest in maintaining contractor information to ensure that the general public can identify a contractor's insurance coverage without requiring staff to maintain a detailed database of such information. Based on that direction, the contractor registration revenue was removed from the 2020 Budget and staff recommends the contractor registration process be as follows:

1. All State/Municipal licensed contractors must submit, with each permit application for building permit, a copy of their current professional license issued by the State of Illinois, Illinois municipality or other entity authorized to issue such license.
2. All contractors (general, independent and subcontractors) must submit, with each permit application for building permit, a copy of a valid certificate of insurance listing the Village as an additional insured.
3. If the license or certificate of insurance expires while the permit is still active, contractors will be required to provide current copies of licenses and certificates of insurance.
4. Staff will review the licenses and certificates to verify the effective dates are valid at the time of application.
5. Copies of licenses and certificates of insurance will be placed in each project file.
6. The fee for contractor registration will be eliminated.

Revision of the contractor registration program will result in:

- ☐ Minimal change in Village revenue;
- ☐ Expediting the issuance of permits;
- ☐ Savings to contractors since they will not have to pay for surety bonds; and
- ☐ Affording Community Development Department staff more time to service customers in other areas.

### **2020-22 Strategic Plan Alignment**

Strategic Issue II: ECONOMIC DEVELOPMENT. Engage in progressive and proactive economic development to attract and retain key businesses to foster a vibrant business community by strategically increasing the Village's footprint, adding housing variety and increasing downtown commercial growth and residential density. Action Step: Review and modify building codes, and ARC guidelines to create more flexibility for businesses and encourage private investment in our commercial and residential districts by June 2020.

### **Recommendation:**

Staff is recommending that Chapters 1 and 8 of Title 4, and Chapter 4 of Title 8 of the Village Code be amended as indicated in Attachment A.

Att: Attachment - A (Clean)  
Attachment - B (Blacklined)  
Attachment - C - Contractor Registration Requirements  
Attachment - D - Changes to Contractor Registration Program

Ordinance 6750

Meeting of January 27, 2020

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**Village of Glen Ellyn**

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**Ordinance No. 6750-VC**

**An Ordinance Amending  
Chapter 1 (Building Code) and Chapter 8 (Tree Preservation) of  
Title 4 (Building Regulations) and  
Chapter 4 (Forestry Management) of  
Title 8 (Public Ways and Property) of the  
Village Code of the  
Village of Glen Ellyn, Illinois to  
Amend Contractor Registration Requirements**

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**Adopted by the  
President and the Board of Trustees  
Of the Village of Glen Ellyn  
DuPage County, Illinois  
This \_\_\_\_\_ Day of \_\_\_\_\_, 20\_\_.**

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Published in pamphlet form by the authority  
of the President and Board of Trustees of the  
Village of Glen Ellyn, DuPage County, Illinois,  
this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_.

**PREPARED BY AND MAIL TO:  
VILLAGE OF GLEN ELLYN  
ATTN: VILLAGE CLERK  
535 DUANE STREET**

Ordinance 6750

Meeting of January 27, 2020

GLEN ELLYN, IL 60137

**Ordinance No. 6750-VC**

**An Ordinance Amending  
Chapter 1 (Building Code) and Chapter 8 (Tree Preservation) of  
Title 4 (Building Regulations) and  
Chapter 4 (Forestry Management) of  
Title 8 (Public Ways and Property) of the  
Village Code of the  
Village of Glen Ellyn, Illinois to  
Amend Contractor Registration Requirements**

**Whereas**, the President and Board of Trustees of the Village of Glen Ellyn, DuPage County, Illinois, pursuant to the provisions of Division 30 of Article 11 of the Illinois Municipal Code (Chapter 65, Section 5/11-30-1 et seq. of the Illinois Compiled Statutes), have the power and authority to prescribe the strength and manner of constructing all buildings, structures, and their accessories, including life and fire safety requirements, to promote the public health and safety of building occupants and the public; and

**Whereas**, the President and Board of Trustees deem it to be in the best interest of the Village of Glen Ellyn to adopt proposed amendments to Chapter 1 (Building Code) and Chapter 8 (Tree Preservation) of Title 4 (Building Regulations), and Chapter 4 (Forestry Management) of Title 8 (Public Ways and Property), which are attached hereto as Exhibit “A” (Clean).

**Now, Therefore, be it Ordained by the President and Board of Trustees of the Village of Glen Ellyn, DuPage County, Illinois**, in the exercise of its home rule powers as follows:

**Section One:** That Chapter 1 (Building Code) and Chapter 8 (Tree Preservation) of Title 4 (Building Regulations), and Chapter 4 (Forestry Management) of Title 8 (Public Ways and Property)

of the Glen Ellyn Village Code, shall be and are hereby amended as set forth in Exhibit “A” (Clean) attached hereto.

**Section Two:** This Ordinance shall be in full force and effect from and after its passage, approval, and publication in pamphlet form.

**Passed** by the President and Board of Trustees of the Village of Glen Ellyn, Illinois, this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_,

|        |  |                    |  |                |  |              |
|--------|--|--------------------|--|----------------|--|--------------|
| Ayes   |  | Diane McGinley     |  | Steve Thompson |  | Mark Senak   |
|        |  | Craig Pryde        |  | Bill Enright   |  | Gary Fasules |
|        |  | Kelli Christiansen |  |                |  |              |
|        |  |                    |  |                |  |              |
| Nays   |  | Diane McGinley     |  | Steve Thompson |  | Mark Senak   |
|        |  | Craig Pryde        |  | Bill Enright   |  | Gary Fasules |
|        |  | Kelli Christiansen |  |                |  |              |
|        |  |                    |  |                |  |              |
| Absent |  | Diane McGinley     |  | Steve Thompson |  | Mark Senak   |
|        |  | Craig Pryde        |  | Bill Enright   |  | Gary Fasules |
|        |  | Kelli Christiansen |  |                |  |              |
|        |  |                    |  |                |  |              |

Approved by the Village President of the Village of Glen Ellyn, Illinois this \_\_\_\_\_ day of \_\_\_\_\_.

\_\_\_\_\_  
Village President

Attest:

\_\_\_\_\_  
Village Clerk

AFFIX VILLAGE SEAL

Ordinance 6750

Meeting of January 27, 2020

(Published in pamphlet form and posted on the \_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_.)

**HISTORY:**

01/13/20

Glen Ellyn Village Board

TABLED

Next: 01/27/20

*This item was tabled to the January 27, 2020 Village Board meeting as trustees had various questions regarding the proposed Ordinance.*

**ATTACHMENTS:**

- Attachment - A (Clean) (PDF)
- Attachment - B (Blacklined) (PDF)
- Attachment - C - Contractor Registration Requirements (Current) (PDF)
- Attachment - D - Changes to Contractor Registration Program (PDF)

## ATTACHMENT – A (CLEAN)

### 4-1-4. – Fee and deposit schedule.

#### SCHEDULE OF FEES AND DEPOSITS

The following schedule applies to all new or reconstructed buildings and structures, new additions, alterations or remodeling to existing buildings, structures or accessory structures, and all property development unless noted otherwise in this section of the Glen Ellyn Village Code. Where a project includes multiple work items listed as separate line items in this schedule the fees shall be cumulative in nature to include all work items in the project scope of work.

| Construction Scope of Work | Building or Application Fee | Plan Review Fee | Refundable Deposit or Escrow |
|----------------------------|-----------------------------|-----------------|------------------------------|
|----------------------------|-----------------------------|-----------------|------------------------------|

#### A - New Construction

|   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |             |            |       |
|---|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|------------|-------|
| 1 | Non-residential or mixed-use building, principal structure, total square footage of all levels, including all attached or detached structures:<br>a. Fees include connection fee for up to maximum 1" water service line, and 1" water meter. For larger water service line or meter sizes, the building fee shall be increased by the difference in cost between 1-inch and the required size(s) (see chapters 7-11-30 and 7-11-32 of this code). The cost difference between a 1-inch line and the required line size shall be added to the permit fees indicated herein.<br>b. Fees do not include sewer connection fees (see section (F) of this schedule).<br>c. Fees do not include site development/stormwater fees or deposits (see section (D) of this schedule).<br>d. For food service establishments, add \$250.00 to the plan review fee.<br>e. Fees do not include elevator fees (see section (D) of this schedule).<br>f. Fees do not include fire alarm and detection or fire sprinkler systems (see section (D) of this schedule).<br>g. Fees include up to two plan reviews (Additional plan reviews shall be charged per Note 1).<br>h. Fees do not include systems that collect or convert geothermal, solar or wind energy (see section D of this chart). |             |            |       |
|   | • Up to 2,000 square feet See Note 7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 6,100       | 1,900      | 5,000 |
|   | • 2,001 to 3,500 square feet See Note 7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 6,300       | 2,250      | 5,000 |
|   | • 3,501 to 5,000 square feet See Note 7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 6,550       | 3,000      | 5,000 |
|   | • 5,001 to 6,500 square feet See Note 7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 6,900       | 3,600      | 5,000 |
|   | • 6,501 to 8,000 square feet See Note 7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 7,400       | 4,100      | 5,000 |
|   | • over 8,000 square feet See Note 7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | See Note 14 | \$0.20/sf  | 5,000 |
| 2 | Residential 1- and 2-family dwelling, principal structure, total floor area square footage of all levels:<br>a. Fees include all impervious surfaces, attached structures such as porches and decks, up to three detached accessory structures such as garages or pergolas, as allowed by the zoning code for the applicable zoning district.<br>b. Fees include connection fee for sewer line and up to maximum 1" water service line, and 1" water meter. For larger water service line or meter sizes, the building fee shall be increased by the difference in cost between 1-inch and the required size(s) (see chapter 7-11-30 of this code).<br>c. Fees include site development/stormwater fees and deposits.<br>d. Fees include up to two plan reviews (Additional plan reviews shall be charged per Note 1).<br>e. Fees do not include systems that collect or convert geothermal, solar or wind energy (see section D of this schedule).<br>f. Fees include fire sprinkler plan review and inspection.<br>g. Fees do not include elevator fees (see section (D) of this schedule).                                                                                                                                                                                  |             |            |       |
|   | • Up to 2,000 square feet                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 5,025       | 1,100      | 5,000 |
|   | • 2,001 to 6,500 square feet                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 5,300       | 1,700      | 5,000 |
|   | • 6,501 to 9,500 square feet                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 5,700       | 2,100      | 5,000 |
|   | • 9,501 to 13,500 square feet                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 6,275       | 2,710      | 5,000 |
|   | • 13,501 to 18,000 square feet                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 6,975       | 3,410      | 5,000 |
|   | • over 18,000 square feet                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 7,950       | 4,220      | 5,000 |
| 3 | Residential multi-family dwelling, principal structure,<br>a. Fees do not include water or sewer connection fee, see chapters 7-11-30 and 7-11-32 of this code.<br>b. Fees do not include site development/stormwater fees or deposits.<br>c. Fees do not include elevator fees (see section (D) of this schedule).<br>d. Fees do not include fire alarm and detection or fire sprinkler systems (see section (D) of this schedule).<br>e. Fees include up to two plan reviews (Additional plan reviews shall be charged per Note 1).<br>f. Fees do not include systems that collect or convert geothermal, solar or wind energy (see section D of this chart).                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |             |            |       |
|   | • Fee per dwelling unit *each unit (Building Fee)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 2,000*      | See Note 1 | 5,000 |
|   | • Fee for associated attached or detached structures other than new dwelling units including, but not limited to attached parking levels                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | See Note 14 | \$0.20/sf  | 5,000 |

**B - Additions - Fees do not include fire sprinkler, fire alarm and detection or elevator work if required/provided.**

|   |                                                                                                                                                              |             |           |       |
|---|--------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|-----------|-------|
| 1 | New level to existing primary building for 1- and 2-family dwellings                                                                                         | 2,250       | 800       | 4,000 |
|   | New level to existing multi-family, mixed-use or non-residential building                                                                                    | See Note 14 | 1,700     | 5,000 |
| 2 | To accessory structures for 1-, 2- and 3-family dwellings                                                                                                    | 450         | 200       | 2,000 |
| 3 | To accessory structures for 4-family and larger dwellings                                                                                                    | 600         | 300       | 2,000 |
| 4 | To residential primary building for 1-, 2- and 3-family dwellings, total new square footage of all levels, not including water service upgrade if necessary: |             |           |       |
|   | • Up to 500 square feet                                                                                                                                      | 1,125       | 500       | 2,000 |
|   | • 501 to 1,000 square feet                                                                                                                                   | 2,250       | 600       | 2,000 |
|   | • 1,001 to 2,000 square feet                                                                                                                                 | 3,375       | 700       | 2,000 |
|   | • over 2,000 square feet                                                                                                                                     | 5,100       | 1,100     | 5,000 |
| 5 | To residential primary building for 4-family and larger dwellings, total square footage of all levels, not including water service upgrade if necessary:     |             |           |       |
|   | • Up to 500 square feet                                                                                                                                      | 1,125       | 1,300     | 2,000 |
|   | • 501 to 1,000 square feet                                                                                                                                   | 2,250       | 1,400     | 2,000 |
|   | • 1,001 to 2,000 square feet                                                                                                                                 | 3,375       | 1,700     | 2,000 |
|   | • Over 2,000 square feet                                                                                                                                     | See Note 14 | \$0.20/sf | 5,000 |
| 6 | To non-residential or mixed-use building, total square footage of all levels, not including water service upgrade if necessary:                              |             |           |       |
|   | • Up to 500 square feet                                                                                                                                      | 1,125       | 500       | 2,000 |
|   | • 501 to 1,000 square feet                                                                                                                                   | 2,250       | 600       | 2,000 |
|   | • 1,001 to 2,000 square feet                                                                                                                                 | 3,375       | 700       | 2,000 |
|   | • 2,001 to 3,500 square feet                                                                                                                                 | 6,300       | 1,800     | 5,000 |
|   | • 3,501 to 5,000 square feet                                                                                                                                 | 6,550       | 2,000     | 5,000 |
|   | • 5,001 to 6,500 square feet                                                                                                                                 | 6,900       | 2,400     | 5,000 |
|   | • 6,501 to 8,000 square feet                                                                                                                                 | 7,400       | 2,700     | 5,000 |
|   | • over 8,000 square feet                                                                                                                                     | See Note 14 | \$0.20/sf | 5,000 |



**C - Alterations and Remodeling - Fees do not include fire sprinkler, fire alarm and detection, or elevator work if required/provided.****1 - Residential**

|   |                                                                                                                                                      |       |     |     |
|---|------------------------------------------------------------------------------------------------------------------------------------------------------|-------|-----|-----|
| a | Attic buildout                                                                                                                                       | 1,000 | 200 | N/A |
| b | Basement alterations/buildout                                                                                                                        | 1,000 | 200 | N/A |
| c | Bathroom, new or alteration                                                                                                                          | 500   | 60  | N/A |
| d | Foundation Underpinning                                                                                                                              | 250   | 75  | N/A |
| e | Interior alterations, 1- and 2-family dwellings, multiple rooms, one level. Fee does not include plumbing inspections if required.                   | 750   | 300 | N/A |
| f | Interior alterations, 1- and 2-family dwellings, multiple rooms, two levels. Fee does not include plumbing inspections if required.                  | 1,000 | 400 | N/A |
| g | Interior alterations, multiple rooms, more than two levels. Fee does not include plumbing inspections if required.                                   | 1,500 | 500 | N/A |
| h | Interior alterations to 2 to 4 multi-family dwelling units, and/or limited common area work. Fee does not include plumbing inspections if required.  | 1,100 | 300 | N/A |
| i | Interior alterations to 5 or more multi-family dwelling units, and/or major common area work. Fee does not include plumbing inspections if required. | 2,200 | 400 | N/A |
| j | Kitchen, new or alteration                                                                                                                           | 900   | 75  | N/A |
| k | Structural modification or repair                                                                                                                    | 150   | 75  | N/A |
| l | Interior alterations, 1- and 2-family dwellings, up to 300 square feet in area encompassing all work areas, no plumbing work involved.               | 225   | 75  | N/A |

**2 - Commercial Buildings**

|   |                                                                                                                                                                                                                                                                                                                                                                                                                           |       |       |     |
|---|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|-------|-----|
| a | Food Service Establishment buildout:<br>Fees do not include the following work items:<br>a. water service upgrade, if required (see section (F) of this schedule).<br>b. fire detection and alarm or fire sprinkler systems (see section (D) of this schedule).<br>c. new grease interceptor, if required (see section (F) of this schedule).<br>d. sewer connection fee, if required (see section (F) of this schedule). |       |       |     |
|   | • up to 1,000 square feet                                                                                                                                                                                                                                                                                                                                                                                                 | 1,200 | 1,600 | N/A |
|   | • 1,001 to 2,000 square feet                                                                                                                                                                                                                                                                                                                                                                                              | 2,400 | 1,700 | N/A |
|   | • 2,001 to 3,000 square feet                                                                                                                                                                                                                                                                                                                                                                                              | 3,600 | 1,900 | N/A |
|   | • 3,001 to 4,000 square feet                                                                                                                                                                                                                                                                                                                                                                                              | 4,800 | 2,100 | N/A |
|   | • Over 4,000 square feet *2% of project cost, minimum                                                                                                                                                                                                                                                                                                                                                                     | 6000* | 2,500 | N/A |
| b | Kitchen exhaust hood/Ansul system, replacement unit not part of tenant buildout per hood                                                                                                                                                                                                                                                                                                                                  | 130   | 250   | N/A |
| c | Storefront or façade alteration, stand alone alteration project with no interior remodeling                                                                                                                                                                                                                                                                                                                               | 250   | 60    | N/A |
| d | Structural modification or repair                                                                                                                                                                                                                                                                                                                                                                                         | 150   | 75    | N/A |
| e | Tenant buildout, including all mechanical, electrical and plumbing work. Fire alarm and detection or fire sprinkler work not included.                                                                                                                                                                                                                                                                                    |       |       |     |
|   | • up to 1,000 square feet                                                                                                                                                                                                                                                                                                                                                                                                 | 1,000 | 1,400 | N/A |
|   | • 1,001 to 2,000 square feet                                                                                                                                                                                                                                                                                                                                                                                              | 2,000 | 1,500 | N/A |
|   | • 2,001 to 3,000 square feet                                                                                                                                                                                                                                                                                                                                                                                              | 3,000 | 1,700 | N/A |
|   | • 3,001 to 4,000 square feet                                                                                                                                                                                                                                                                                                                                                                                              | 4,000 | 1,900 | N/A |
|   | • Over 4,000 square feet *2% of project cost, minimum                                                                                                                                                                                                                                                                                                                                                                     | 5000* | 2,300 | N/A |
| f | Tenant modification of floor plan layout, up to 500 square feet, no mechanical, electric or plumbing modifications                                                                                                                                                                                                                                                                                                        | 75    | 75    | N/A |
| g | Tenant modification of floor plan layout, over 500 square feet, no mechanical, electric or plumbing modifications                                                                                                                                                                                                                                                                                                         | 175   | 150   | N/A |
| h | Tenant modification of lighting or electric power distribution system                                                                                                                                                                                                                                                                                                                                                     | 175   | 75    | N/A |
| i | Tenant modification of mechanical system                                                                                                                                                                                                                                                                                                                                                                                  | 75    | 150   | N/A |
| j | Tenant modification of plumbing system                                                                                                                                                                                                                                                                                                                                                                                    | 450   | 150   | N/A |
| k | Toilet room, new or remodeling                                                                                                                                                                                                                                                                                                                                                                                            | 400   | 75    | N/A |
| l | White Box buildout, including interior demolition of previous tenant space down to demising walls, floor and ceiling system, no new work                                                                                                                                                                                                                                                                                  | 500   | 150   | N/A |

## D - Miscellaneous Permits (see Note 9)

|    |                                                                                                                        |                |            |             |
|----|------------------------------------------------------------------------------------------------------------------------|----------------|------------|-------------|
| 1  | Accessibility modifications, interior or exterior, not within the public right-of-way                                  | 65             | 60         | N/A         |
| 2  | Arbor, trellis, pergola, ornamental gate or other similar structures                                                   | 65             | 30         | N/A         |
| 3  | Canopy or fixed awning, new or alteration                                                                              | 65             | 30         | N/A         |
| 4  | Commercial filming                                                                                                     | 150            | N/A        | N/A         |
| 5  | Commercial filming, application late fee                                                                               | 75             | N/A        | N/A         |
| 6  | Deck or porch construction/replacement, single level                                                                   | 225            | 60         | N/A         |
| 7  | Deck or porch construction/replacement, multiple levels                                                                | 350            | 80         | N/A         |
| 8  | Demolition (refer to section N of this schedule for applicable demolition tax based on area of demolition): See Note 3 |                |            |             |
|    | • Detached garage                                                                                                      | 80             | 30         | 2,000       |
|    | • Interior only, non-structural                                                                                        | 175            | 30         | N/A         |
|    | • Primary structure - greater than 300 to 1,000 square feet                                                            | 275            | 350        | 3,000       |
|    | • Primary structure - 1,001 to 4,000 square feet                                                                       | 425            | 350        | 3,000       |
|    | • Primary structure - greater than 4,000 square feet, not exceeding 45 feet height                                     | 1,000          | 1,100      | See Note 4  |
|    | • Primary structure - greater than 4,000 square feet and exceeding 45 feet in height                                   | 1,200          | 1,300      | See Note 4  |
| 9  | Drain tile and sump pit/pump                                                                                           | 65             | 30         | N/A         |
| 10 | Driveway, new, replacement or expanded if over 299 square feet in area, add site development fee                       | 65             | 30         | See Note 13 |
| 11 | Driveway approach only (same size and location)                                                                        | 65             | 30         | N/A         |
| 12 | Elevator or other conveyance, new *per stop                                                                            | 200*           | 120        | N/A         |
| 13 | Elevator modifications                                                                                                 | 355            | 120        | N/A         |
| 14 | Exit stairway, exterior                                                                                                | 225            | 30         | N/A         |
| 15 | Fascias, soffits, gutters and/or downspouts, windows or exterior doors                                                 | 65             | N/A        | N/A         |
| 16 | Fence, new                                                                                                             | 65             | 15         | N/A         |
| 17 | Fence, repair (see note 16)                                                                                            | 65             | N/A        | N/A         |
| 18 | Fireplace, new interior or exterior                                                                                    | 80             | 30         | N/A         |
| 19 | Fire alarm and detection system, new or modified:                                                                      |                |            |             |
|    | • up to 10,000 square feet                                                                                             | 80             | 280        | N/A         |
|    | • 10,001 to 15,000 square feet                                                                                         | 150            | 420        | N/A         |
|    | • Over 15,000 square feet                                                                                              | 200            | 550        | N/A         |
| 20 | Fire sprinkler system, pipe schedule design:                                                                           |                |            |             |
|    | • 1 to 20 sprinkler heads                                                                                              | 125            | 280        | N/A         |
|    | • 21 to 100 sprinkler heads                                                                                            | 200            | 300        | N/A         |
|    | • 101 to 200 sprinkler heads                                                                                           | 275            | 400        | N/A         |
|    | • 201 to 300 sprinkler heads                                                                                           | 350            | 450        | N/A         |
|    | • 301 to 500 sprinkler heads                                                                                           | 425            | 700        | N/A         |
|    | • over 500 sprinkler heads                                                                                             | 500            | See Note 1 | N/A         |
| 21 | Fire sprinkler system, hydraulically calculated:                                                                       |                |            |             |
|    | • 1 to 20 sprinkler heads                                                                                              | 125            | 300        | N/A         |
|    | • 21 to 100 sprinkler heads                                                                                            | 200            | 600        | N/A         |
|    | • 101 to 200 sprinkler heads                                                                                           | 275            | 810        | N/A         |
|    | • 201 to 300 sprinkler heads                                                                                           | 350            | 920        | N/A         |
|    | • 301 to 500 sprinkler heads                                                                                           | 425            | 1,325      | N/A         |
|    | • over 500 sprinkler heads                                                                                             | 500            | See Note 1 | N/A         |
| 22 | Garage - residential, 1-story, detached                                                                                | 600            | 300        | 2,000       |
| 23 | Garage - residential, 2-story, detached                                                                                | 650            | 300        | 2,000       |
| 24 | Geothermal systems                                                                                                     | 250            | 125        | N/A         |
| 25 | Gazebo or Greenhouse (If disturbed area is 300 square feet or larger, then add site development fee)                   | 65             | 30         | N/A         |
| 26 | Key box Village purchase cost plus 10%                                                                                 | cost + 10%     | N/A        | N/A         |
| 27 | Masonry tuckpointing, over 300 square feet                                                                             | 65             | N/A        | N/A         |
| 28 | Miscellaneous construction, under \$15,000 construction hard cost valuation                                            | 250            | 60         | See Note 4  |
| 29 | Miscellaneous construction, over \$15,000 construction hard cost valuation                                             | See Note 9     | 200        | See Note 4  |
| 30 | Other appliances, equipment, structures, or individual work items not listed                                           | 65             | 30         | See Note 4  |
| 31 | Outdoor fire pit, oven or kitchen                                                                                      | 65             | 30         | N/A         |
| 32 | Paved or impervious surface (including sport courts) greater than 100 and less than 300 square feet in area            | 65             | 30         | N/A         |
| 33 | Paved or impervious surface (including sport courts) greater than 299 square feet in area                              | 260            | 110        | 2,000       |
| 34 | Pavement grinding/resurfacing pavement                                                                                 | 65             | 30         | N/A         |
| 35 | Prescribed burn                                                                                                        | 80             | N/A        | N/A         |
| 36 | Radon system, active (power ventilated)                                                                                | 80             | N/A        | N/A         |
| 37 | Radon system, passive (natural ventilation)                                                                            | 65             | N/A        | N/A         |
| 38 | Restripe parking lot                                                                                                   | 65             | 30         | N/A         |
| 39 | Retaining wall, over 8 inches in height                                                                                | 65             | 75         | N/A         |
| 40 | Roofing, residential over 300 square feet                                                                              | 85             | N/A        | N/A         |
| 41 | Roofing, commercial over 300 square feet                                                                               | 150            | 30         | N/A         |
| 42 | Shed or other accessory structure less than 150 square feet in area                                                    | 65             | 30         | N/A         |
| 43 | Shoring, raising or moving of any building                                                                             | 600            | 150        | 5,000       |
| 44 | Sidewalk, new                                                                                                          | \$20.00/lin ft | N/A        | N/A         |
| 45 | Siding or stucco over 300 square feet                                                                                  | 80             | N/A        | N/A         |

|    |                                                                                                                                   |            |            |           |
|----|-----------------------------------------------------------------------------------------------------------------------------------|------------|------------|-----------|
| 46 | Site development fees, new construction: Water, sanitary and sewer fees included within construction fees unless noted otherwise. |            |            |           |
|    | • Development from 300 to 1,500 square feet in area                                                                               | 425        | 250        | 5,000     |
|    | • Development located within the principal building side yard setbacks, excluding a driveway approach                             | 425        | 330        | 5,000     |
|    | • Development over 1,500 square feet for single-family home or townhome                                                           | 700        | 600        | 5,000     |
|    | • Development over 1,500 square feet for commercial and multi-family (see section 4-1-4(l) of this code)                          | See Note 6 | See Note 7 | 5,000     |
| 47 | Solar panel system, including connection to electric system only                                                                  | 250        | 75         | N/A       |
| 48 | Solar panel system, including connection to electric and plumbing system                                                          | 350        | 100        | N/A       |
| 49 | Storage tank installation or removal                                                                                              | 125        | 50         | 2,000     |
| 50 | Swimming pool, spa or hot tub, above ground *Deposit of \$2,000 required if disturbed area is larger than 300 square feet         | 100        | 30         | *N/A      |
| 51 | Swimming pool, spa or hot tub, in-ground                                                                                          | 200        | 60         | 2,000     |
| 52 | Telecommunication sites, alterations or co-locate (other than small wireless facility)                                            | 250        | 450        | 2,000     |
| 53 | Telecommunication sites, new construction, not in public right of way (other than small wireless facility)                        | 500        | 750        | 2,000     |
| 54 | Telecommunication site, single co-located small wireless facility                                                                 | 200        | 450        | 4,000     |
| 55 | Telecommunication site, additional small wireless facilities, after the first co-located site under the same permit application   | 200 each   | 150 each   | 4000 each |
| 56 | Temporary bleachers, platform, stage or tent (tent greater than 400 square feet)                                                  | 75         | 30         | N/A       |
| 57 | Wind turbine                                                                                                                      | 250        | 75         | N/A       |

**E - Heating, Ventilation and Air Conditioning**

|   |                                                                                            |     |     |     |
|---|--------------------------------------------------------------------------------------------|-----|-----|-----|
| 1 | Air conditioning coil and/or condenser replacement                                         | 65  | N/A | N/A |
| 2 | Air distribution system modification                                                       | 65  | N/A | N/A |
| 3 | Boiler                                                                                     | 120 | N/A | N/A |
| 4 | Chimney or vent, replacement or chimney re-liner                                           | 65  | N/A | N/A |
| 5 | Solid fuel-burning equipment or stove                                                      | 65  | N/A | N/A |
| 6 | Fuel-gas or fuel-oil piping modification                                                   | 120 | N/A | N/A |
| 7 | Heating/cooling equipment: residential furnace or heat pump, new or replacement            | 65  | 30  | N/A |
| 8 | Heating/cooling equipment: commercial furnace, heat pump, rooftop unit, new or replacement | 120 | 30  | N/A |

**F - Plumbing**

|    |                                                                                                                                                                   |             |     |            |
|----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|-----|------------|
| 1  | Cross connection control device, new                                                                                                                              | 140         | N/A | N/A        |
| 2  | Flood/sewer backup control system                                                                                                                                 | 215         | 60  | N/A        |
| 3  | Grease interceptor, new or replacement                                                                                                                            | 140         | 60  | N/A        |
| 4  | Hydrant meter                                                                                                                                                     | 550         | N/A | N/A        |
| 5  | Irrigation systems - lawn                                                                                                                                         | 140         | 30  | See Note 4 |
| 6  | Modified overhead sewer, not part of a remodeling project                                                                                                         | 140         | 30  | N/A        |
| 7  | Reconfigure interior waste, water or vent system, not part of a remodeling project                                                                                | 140         | 30  | N/A        |
| 8  | Service disconnection, waste or water                                                                                                                             | 200         | 60  | 4,000      |
| 9  | Sewer connection fee (Village base fee as shown, plus Glenbard Wastewater Authority fee) Base fee, plus \$278.00 per PE (population equivalent)                   | 1,000       | N/A | N/A        |
| 10 | Sewer line inspection (Clear Water Program) Note: This fee is not included within new construction, additions, alterations or remodeling fees                     | 100         | N/A | N/A        |
| 11 | Water heater, replacement                                                                                                                                         | 120         | N/A | N/A        |
| 12 | Water meter                                                                                                                                                       | See Note 12 | 50  | N/A        |
| 13 | Water, sewer or storm line, 1-, 2- and 3-family dwellings (add connection fees based on service line size per chapters 7-11-30 and 7-11-32 of this code)          | 240         | 60  | 3,000      |
| 14 | Water, sewer or storm line, multi-family, mixed -use or commercial (add connection fees based on service line size per chapters 7-11-30 and 7-11-32 of this code) | 340         | 75  | 3,000      |
| 15 | Water, sewer or storm line repair (private property)                                                                                                              | 140         | N/A | N/A        |
| 16 | Water, sewer or storm line repair (public property)                                                                                                               | 240         | N/A | 5,000      |
| 17 | Miscellaneous inspection or consultation                                                                                                                          | 140         | N/A | N/A        |

**G - Electrical**

|    |                                                 |     |     |     |
|----|-------------------------------------------------|-----|-----|-----|
| 1  | Emergency generator                             | 65  | 30  | N/A |
| 2  | Exit signs                                      | 65  | 30  | N/A |
| 3  | Lighting fixtures                               | 65  | N/A | N/A |
| 4  | Openings for wiring, each 25 or portion thereof | 65  | N/A | N/A |
| 5  | Re-circuiting                                   | 80  | N/A | N/A |
| 6  | Service feeders                                 | 80  | N/A | N/A |
| 7  | Service upgrade, up to 200 amps                 | 100 | N/A | N/A |
| 8  | Service upgrade, up to 400 amps                 | 125 | N/A | N/A |
| 9  | Service upgrade, over 400 amps                  | 150 | N/A | N/A |
| 10 | Service upgrade, each additional meter          | 65  | N/A | N/A |
| 11 | Service panel or subpanel                       | 65  | N/A | N/A |
| 12 | Temporary electrical service                    | 80  | N/A | N/A |
| 13 | Transformer                                     | 65  | N/A | N/A |
| 14 | Underground service                             | 80  | N/A | N/A |
| 15 | Wired connection, appliances or equipment       | 65  | N/A | N/A |

**H - Signs**

|   |                         |      |     |     |     |
|---|-------------------------|------|-----|-----|-----|
| 1 | Banners                 | each | 50  | N/A | N/A |
| 2 | Comprehensive sign plan |      | 500 | N/A | N/A |
| 3 | Freestanding sign       | each | 175 | N/A | N/A |
| 4 | Illuminated sign        | each | 150 | N/A | N/A |
| 5 | Non-illuminated sign    | each | 100 | N/A | N/A |
| 6 | Panel replacement       | each | 100 | N/A | N/A |

**I - Plan Reviews**

|    |                                                                                                                                                              |                 |     |            |       |
|----|--------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|-----|------------|-------|
| 1  | Additional fees:                                                                                                                                             |                 |     |            |       |
|    | • Plan review completed in-house after the second plan review has been completed                                                                             |                 | N/A | 200        | N/A   |
|    | • Stormwater plan review performed after the third review (see section 4-1-4(I) of this code)                                                                | per hour        | N/A | 75         | N/A   |
|    | • Stormwater plan review performed on revised drawings submitted after drawings have been approved (see section 4-1-4(I) of this code)                       | per hour        | N/A | 75         | N/A   |
| 2  | Deferred submittal: elevator or other conveyance (cost added to plan review fee indicated elsewhere in this schedule)                                        |                 | N/A | 100        | N/A   |
| 3  | Deferred submittal: fire alarm system or fire suppression system (cost added to plan review fee indicated in section 4-1-4(D) of this schedule)              |                 | N/A | 250        | N/A   |
| 4  | Deferred submittal: truss shop drawings (cost added to base permit fee of project)                                                                           |                 | N/A | 100        | N/A   |
| 5  | Deferred submittal: other, with approval of the Building and Zoning Official (cost added to applicable plan review fee indicated elsewhere in this schedule) |                 | N/A | 250        | N/A   |
| 6  | Elevator or other conveyance                                                                                                                                 | each conveyance | N/A | 120        | N/A   |
| 7  | Expedited plan reviews, 1- and 2-family dwellings (additional cost for up to 5 business day turnaround time)                                                 |                 | N/A | 500        | N/A   |
| 8  | Expedited plan reviews, 1- and 2-family dwellings (additional cost for up to 3 business day turnaround time)                                                 |                 | N/A | 1,000      | N/A   |
| 9  | Expedited plan reviews, multi-family, mixed-use or commercial                                                                                                |                 | N/A | See Note 1 | 2,000 |
| 10 | Plan reviews performed by a consultant (see subsection 4-1-4(C)2(a) of this code)                                                                            |                 | N/A | See Note 1 | 2,000 |
| 11 | Plan review necessitated by drawing revisions after issuance of permit                                                                                       |                 | N/A | 75         | N/A   |
| 12 | Miscellaneous assemblies, equipment or structures reviewed by in-house staff                                                                                 | per hour        | N/A | 75         | N/A   |
| 13 | Tree preservation for single-family lot site improvements, grading or landscaping not associated with other permits                                          |                 | N/A | 250        | N/A   |

**J - Administrative Fees**

|    |                                                                                                              |                                                             |            |     |     |
|----|--------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------|------------|-----|-----|
| 1  | Appeal of administrative decision of the Planning and Development Director or the Building & Zoning Official |                                                             | 250        | N/A | N/A |
| 2  | Certificate of Occupancy, other than for new construction                                                    |                                                             | 100        | N/A | N/A |
| 3  | Permit extension (see subsection 4-1-4(G) of this code)                                                      | per month                                                   | 50         | N/A | N/A |
| 4  | Phased permit, foundation and underground utilities only permit, 1- and 2-family                             | fees in addition to scheduled building and plan review fees | 250        | 200 | N/A |
| 5  | Phased permit, foundation and underground utilities only permit, other than 1- and 2-family                  | fees in addition to scheduled building and plan review fees | 500        | 500 | N/A |
| 6  | Phased permit, building shell only                                                                           | fees in addition to scheduled building and plan review fees | 1,000      | 500 | N/A |
| 7  | Renewal of expired or suspended permit                                                                       |                                                             | See Note 8 | N/A | N/A |
| 8  | Renewal of expired permit application                                                                        |                                                             | 500        | N/A | N/A |
| 9  | Temporary Certificate of Occupancy or renewal thereof (see subsection 4-1-4(E) of this code)                 |                                                             | 450        | N/A | N/A |
| 10 | Waiver of code for special event (in accordance with sections 1-1-6 and 3-39-3 of this Code)                 |                                                             | 50         | N/A | N/A |
| 11 | Work exceeding scope of permitted work                                                                       | 300% of original permit fee, minimum                        | 500        | N/A | N/A |
| 12 | Work Started without Permit                                                                                  | 200% of original permit fee, minimum                        | 250        | N/A | N/A |

**K - Inspections**

|   |                                                                                 |                                                                        |     |     |     |
|---|---------------------------------------------------------------------------------|------------------------------------------------------------------------|-----|-----|-----|
| 1 | Annual Fire Prevention Inspection:                                              |                                                                        |     |     |     |
|   | Group:                                                                          | Occupancy Use:                                                         |     |     |     |
|   | A-1 thru 5                                                                      | Assembly                                                               | 150 | N/A | N/A |
|   | A-2                                                                             | Assembly - Food/Drink Service Establishment, up to 1,000 square feet   | 75  | N/A | N/A |
|   | A-2                                                                             | Assembly - Food/Drink Service Establishment, over 1,000 square feet    | 150 | N/A | N/A |
|   | A-2                                                                             | Assembly - Food Service Establishment, commercial hood and duct        | 50  | N/A | N/A |
|   | B                                                                               | Business, up to 1,000 square feet                                      | 50  | N/A | N/A |
|   | B                                                                               | Business, over 1,000 square feet                                       | 75  | N/A | N/A |
|   | E                                                                               | Educational                                                            | 100 | N/A | N/A |
|   | E                                                                               | Educational, day care facility                                         | 75  | N/A | N/A |
|   | F                                                                               | Factory                                                                | 125 | N/A | N/A |
|   | H-1 thru 5                                                                      | High-hazard                                                            | 125 | N/A | N/A |
|   | I-1 thru 4                                                                      | Institutional                                                          | 150 | N/A | N/A |
|   | M                                                                               | Mercantile, up to 1,000 square feet                                    | 50  | N/A | N/A |
|   | M                                                                               | Mercantile over 1,000 sf up to 4,000 square feet                       | 75  | N/A | N/A |
|   | M                                                                               | Mercantile over 4,000 square feet                                      | 150 | N/A | N/A |
|   | R-1                                                                             | Residential, transient                                                 | 150 | N/A | N/A |
|   | R-2                                                                             | Residential, non-transient and multi-family building common areas      | 50  | N/A | N/A |
|   | R-3                                                                             | Residential, non-transient (refer to Building Code for occupancy uses) | 125 | N/A | N/A |
|   | R-4                                                                             | Residential, non-transient (refer to Building Code for occupancy uses) | 150 | N/A | N/A |
|   | S-1                                                                             | Storage, moderate hazard                                               | 75  | N/A | N/A |
|   | S-2                                                                             | Storage, low hazard                                                    | 50  | N/A | N/A |
|   | U                                                                               | Utility and Miscellaneous                                              | 50  | N/A | N/A |
| 2 | Change of occupancy inspection (new use or business)                            |                                                                        | 50  | N/A | N/A |
| 3 | Code compliance for 1-, 2- or 3-family dwellings, per request of owner or agent |                                                                        | 175 | N/A | N/A |
| 4 | Elevator or other conveyance:                                                   |                                                                        |     |     |     |
|   | • Annual inspection                                                             |                                                                        | 150 | N/A | N/A |
|   | • Annual no- load pressure test                                                 |                                                                        | 150 | N/A | N/A |
|   | • Five-year conveyance load test                                                |                                                                        | 350 | N/A | N/A |
|   | • Re-inspection fee                                                             |                                                                        | 75  | N/A | N/A |
| 5 | Re-inspection fee - Plumbing (after second inspection fails)                    |                                                                        | 100 | N/A | N/A |
| 6 | Re-inspection fee - Other than Plumbing (after second inspection fails)         |                                                                        | 100 | N/A | N/A |
| 7 | Water pressure test, single family residential                                  |                                                                        | 200 | N/A | N/A |

**M - Business License/Registration**

|   |                                                |        |     |     |     |
|---|------------------------------------------------|--------|-----|-----|-----|
| 1 | New business                                   | annual | 100 | N/A | N/A |
| 2 | Change of address, remaining within Glen Ellyn | annual | 30  | N/A | N/A |
| 3 | Change of business ownership                   | annual | 30  | N/A | N/A |
| 4 | Change of business name                        | annual | 30  | N/A | N/A |

**N - Taxes, Demolition**

|   |                                                                                                                                                                                                                                         |  |     |     |     |
|---|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-----|-----|-----|
| 1 | Tax, demolition (applies to any project when over 50 percent of the exterior roof and wall area is structurally altered or when a building or structure, or part thereof, greater than 1,000 and up to 4,000 square feet is demolished) |  | 550 | N/A | N/A |
|---|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-----|-----|-----|

**O - Developer's Donation/Cash Contribution**

|   |                                                                                    |                          |       |     |     |
|---|------------------------------------------------------------------------------------|--------------------------|-------|-----|-----|
| 1 | Fire Company: Single-family dwelling (attached or detached), per new dwelling unit |                          | 1,500 | N/A | N/A |
| 2 | Fire Company: Multi-family dwelling units, per new dwelling unit                   |                          | 500   | N/A | N/A |
| 3 | Fire Company: Congregate housing for the elderly, per new unit                     |                          | 500   | N/A | N/A |
| 4 | Butterfield Park District:                                                         | *Determined by Ordinance | *     | N/A | N/A |
| 5 | Glen Ellyn Library:                                                                | *Determined by Ordinance | *     | N/A | N/A |
| 6 | Glen Ellyn Park District:                                                          | *Determined by Ordinance | *     | N/A | N/A |
| 7 | Elementary School District 41:                                                     | *Determined by Ordinance | *     | N/A | N/A |
| 8 | Elementary School District 89:                                                     | *Determined by Ordinance | *     | N/A | N/A |
| 9 | High School District 87:                                                           | *Determined by Ordinance | *     | N/A | N/A |

**P - Zoning and Appearance Applications**

|    |                                                                                                                                                  |       |     |            |
|----|--------------------------------------------------------------------------------------------------------------------------------------------------|-------|-----|------------|
| 1  | Administrative zoning variation                                                                                                                  | 250   | N/A | N/A        |
| 2  | Annual outdoor beautification display                                                                                                            | 25    | N/A | N/A        |
| 3  | Appeals                                                                                                                                          | 700   | N/A | See Note 5 |
| 4  | Construction necessitated variations (see section 4-1-4(F) of this code)                                                                         | 1,100 | N/A | 2,000      |
| 5  | Exterior appearance review                                                                                                                       | 200   | N/A | N/A        |
| 6  | Live entertainment                                                                                                                               | 150   | N/A | N/A        |
| 7  | Planned unit development                                                                                                                         | 2,500 | N/A | See Note 5 |
| 8  | Planned unit development amendment                                                                                                               | 2,500 | N/A | See Note 5 |
| 9  | Planned unit development amendment - not requiring a public hearing                                                                              | 1,000 | N/A | N/A        |
| 10 | Planned unit development amendment:<br>where only previously approved signage is being amended regardless if a public hearing is required or not | 500   | N/A | See Note 5 |
| 11 | Pre-application meeting (see section 4-1-4(D) of this code)                                                                                      | 250   | N/A | See Note 5 |
| 12 | Sign variation                                                                                                                                   | 500   | N/A | See Note 5 |
| 13 | Special use                                                                                                                                      | 750   | N/A | See Note 5 |
| 14 | Special use amendment, not requiring a public hearing                                                                                            | 350   | N/A | N/A        |
| 15 | Special use, preexisting - Administrative approval                                                                                               | 350   | N/A | N/A        |
| 16 | Stormwater variation                                                                                                                             | 150   | N/A | See Note 5 |
| 17 | Zoning application plan review (after third review) increasing \$50.00 each additional review thereafter                                         | 100   | N/A | N/A        |
| 18 | Zoning map amendment                                                                                                                             | 500   | N/A | See Note 5 |
| 19 | Zoning text amendment                                                                                                                            | 500   | N/A | See Note 5 |
| 20 | Zoning variation                                                                                                                                 | 660   | N/A | See Note 5 |
| 21 | Zoning verification letter                                                                                                                       | 100   | N/A | N/A        |

**Q - Public Right-of-way**

|   |                                    |                                                      |     |     |     |
|---|------------------------------------|------------------------------------------------------|-----|-----|-----|
| 1 | License agreement, outdoor seating | annual                                               | 50  | N/A | N/A |
| 2 | License agreement, vendor cart     | annual                                               | 150 | N/A | N/A |
| 3 | Obstructions:                      |                                                      |     |     |     |
|   | • Parking stall                    | base fee, plus \$5.00 per stall, each additional day | 25  | N/A | N/A |
|   | • Sidewalk                         | base fee, plus \$5.00 each additional day            | 25  | N/A | N/A |
|   | • Street                           | per day                                              | 50  | N/A | N/A |
| 4 | Right-of-way vacation application  |                                                      | 300 | N/A | N/A |

**R - Annexation**

|   |                                 |          |       |     |
|---|---------------------------------|----------|-------|-----|
| 1 | Single-family detached home     | 250      | N/A   | N/A |
| 2 | Non-Single-family detached home | per acre | 1,000 | N/A |

**S - Subdivision**

|   |                           |       |     |     |
|---|---------------------------|-------|-----|-----|
| 1 | Major, 5 or more lots     | 3,500 | N/A | N/A |
| 2 | Minor, 3 or 4 lots        | 1,400 | N/A | N/A |
| 3 | Two-lot subdivision       | 250   | N/A | N/A |
| 4 | Land transfer certificate | 250   | N/A | N/A |
| 5 | Lot consolidation         | 250   | N/A | N/A |

**T - Recapture**

|   |                                      |                      |        |     |     |
|---|--------------------------------------|----------------------|--------|-----|-----|
| 1 | Pay to Village - Transfer to builder | varies per ordinance | Varies | N/A | N/A |
| 2 | Pay to Village - Processing fee      |                      | 100    | N/A | N/A |

#### 4-1-5. - General requirements.

The following general requirements shall apply to all property within the Village of Glen Ellyn Municipal limits in addition to the requirements in all adopted Building Codes and ordinances:

- (A) *Building permit required:* No demolition, relocation, site improvements, construction, alteration, addition, remodeling, restoration or repair work to any building or structure or associated site grading or improvements of any kind shall be undertaken until a building permit has been issued, and no change to the permitted work may be completed until revised submittal documents are approved by the Building Official, unless the work is exempt from a permit as specified in this Code.
- (B) *Building permit conditions:* No building permit shall be issued until all the following conditions are met:
  - 1. A building permit application is completed, submitted and certified by the permit applicant and the property owner with their dated signatures.
  - 2. All required building permit submittals have been received and reviewed for Code compliance by all applicable Village departments and governmental agencies with jurisdiction.
  - 3. All contractors who are required to comply with the contractor insurance requirements are listed on the permit application or other form as required by the Community Development Department (see section 4-1-11 of this chapter).
  - 4. All applicable permit fees and taxes are paid in full and all required deposits are received.
  - 5. All actual expenses incurred by the Village for legal, engineering, plan review and inspection services required beyond the reasonable and customary permit fees, taxes and deposits assessed at the time a permit is issued are paid in full. This condition applies until such time as a certificate of occupancy has been issued for the subject property.
  - 6. All outstanding debts to the Village, related to the property, incurred by the current property occupant, owner or owner's agent who are individuals, partnerships, corporations, land trusts, or other business entities, are paid in full.
  - 7. The hard costs, as defined in this Code, for all remodeling work improvements are listed on the permit application, and upon request, sworn statements listing the hard cost from all contractors and suppliers is received and approved by the Building and Zoning Official.
- (C) *Deposits required:* Deposits shall be required, submitted and released in accordance with the following conditions:
  - 1. *Restoration deposit:* A refundable cash deposit is required for the items listed in subsection 4-1-4(C)1 of this chapter at the time a building permit is obtained for all new principal buildings, additions to existing buildings that increase the floor area over 75 percent, alterations to existing buildings that structurally alter over 50 percent of the exterior wall and roof area, demolition of any building or structure, or part thereof, with a gross floor area over 1,000 square feet or where otherwise required in this Code.
  - 2. *Demolition site restoration deposit:* The demolition site restoration deposit (subsection 4-1-4(C)1 of this chapter) may be credited toward the stormwater facilities/grading deposit if commencement of construction of a new structure is planned to occur within 90 days after completion of the demolition.
  - 3. *Special conditions deposit:* In the event a project is determined to have a significant impact on the public health, safety and welfare of the surrounding property, the Community Development Director may require an additional deposit to be posted by the applicant (subsection 4-1-4(C)1 of this chapter). Said deposit shall be for the purpose of completing any unfinished work or for the cost of any unforeseen expenses associated with the work which require immediate response when the applicant has not completed the work at the

request of the Village, or is unable to be contacted, or to return the site to a safe and clean condition. The special conditions deposit is not included within any deposit indicated in the schedule of fees and deposits.

4. *Deposit refund to depositor:* After all final inspections have been completed and approved, deposits shall be refunded to the depositor, less any fines or costs incurred by the Village for damages to public trees or other public property, in accordance with applicable rules, ordinances and regulations.
5. *Deposit release to Village:* Where the permitted work has not been completed in accordance with applicable rules, ordinances and regulations and the depositor has failed to complete the work, repair damages or obtain final approved inspections after due notice has been served and reasonable opportunity has been given to the depositor and permit applicant, the deposit shall be forfeited by the depositor and released to the Village. The Village may use the deposit, or award all or part of the deposit to others, to complete the work or repair damages. Any remaining deposit balance shall be refunded to the depositor.
6. *Deposit award to owner:* The property owner or any other person or entity with a possessory interest in a property may request the Village award them any released deposits for their use to complete the work, repair damages or restore the site. Such request shall include a written description of the work to be completed, a schedule and contractor proposals that include all applicable costs, submitted for review and approval by the Community Development Director. Upon the owner's scheduled completion of the work, proof of payment for the work, final approved inspections, and execution of an indemnity agreement with the Village, the owner will be awarded an amount of the released deposit up to the approved cost.

(D) *Permit suspension or revocation:*

1. A building permit shall be suspended and no work shall be performed upon receipt of an application request from the property owner or agent for a zoning variation or construction necessitated variation from the Glen Ellyn Zoning Code.
2. A building permit may be suspended or revoked if any one of the conditions required in subsection (B) of this section is not in compliance.

- (E) *Professional certification:* The construction documents required for a building permit shall be prepared and certified by an architect or structural engineer licensed in the State of Illinois, or prepared, reviewed and approved under his or her direction, and bear the seal and signature of the architect or engineer and a statement that the construction documents comply with all provisions of the adopted codes and ordinances of the Village of Glen Ellyn and all other applicable laws and regulations governing the design and engineering of the work. Such seal, signature and statement shall be affixed to every page or sheet of the submittal documents or affixed to a table of contents page or sheet indicating the certification applies to each document listed in the table of contents. Professional certification is required for all new buildings, structures and additions, and or all alteration and remodeling of existing buildings and structures that includes changes to the structural, fire protection, and life safety conditions as determined by the Building Official.

*Exception:* Professional certification shall not be required for new residential accessory buildings and structures or for alteration or remodeling of existing residential buildings provided the permit documents or construction plans include a complete description of the work and adequate structural and life safety information to verify Code compliance.

- (F) *Stormwater management:* All developments including the construction of new and the alteration of all existing buildings and structures and site improvements shall meet the following stormwater management requirements prior to the issue of a building permit:



1. *Special flood hazard areas:* All development in, or within a designated distance from, a special flood hazard area, including floodplains, wetlands, wetland buffers, and riparian environments, shall meet all requirements specified in chapter 7 of this Title.
  2. *Stormwater permit:* All developments that disturb over 1,500 square feet of ground cover, or a drainage easement, shall require the submittal and approval of a stormwater management permit in accordance with the DuPage County Countywide Stormwater and Floodplain Ordinance as amended and adopted by the Village of Glen Ellyn.
  3. *Drainage plan:* All developments that disturb between 300 square feet and 1,500 square feet of ground cover shall require the submittal and approval of a drainage plan indicating the direction of existing and proposed stormwater flow on the site and other information as necessary to verify compliance with the DuPage County Countywide Stormwater and Floodplain Ordinance as amended and adopted by the Village of Glen Ellyn.
- (G) *Tree preservation:* All work on public and private property must comply with the tree preservation requirements in title 8, chapter 4, "Forestry Management", and title 4, chapter 8, "Tree Preservation", of this Code.
- (H) *Construction hours:* Construction, demolition, excavation, grading, deliveries, hauling, loading, staging, operating portable engines and other construction related work activities on the site may only be completed between the hours of 7:00 a.m. to 7:00 p.m. Monday through Saturday and between the hours of 8:00 a.m. to 5:00 p.m. on Sundays, except in case of urgent necessity in the interest of public health and safety.
- (I) *Inspections:* All construction being performed pursuant to a building permit under the provisions of this Code may be inspected by the Building Official or his representative at any reasonable time and shall be subject to inspections in accordance with the adopted codes and the following requirements:
1. *Foundation survey:* The applicant shall submit a foundation location survey prepared by a registered surveyor upon completion of the foundation for all new buildings, additions or roofed over accessory structures that are located within two feet of the minimum required zoning setback, and no further work shall be done, other than installing drain tile and waterproofing the foundation, until the location survey and a backfill inspection have been approved.
  2. *Height certification:* The applicant shall submit a ridge and eave height certification prepared by a registered surveyor upon completion of the framework for all new principal buildings or additions that are constructed within two feet of the maximum permitted zoning heights, and no further work shall be done, other than rough electrical, mechanical, and plumbing work, until the ridge and eave height certification has been approved.
- (J) *Penalty:* Any person, firm or corporation violating any provision of this Code or other provisions of the Building Code of the Village of Glen Ellyn shall be guilty of a business offense punishable by a fine of not less than \$50.00 nor more than \$750.00 for each offense. Each day that a violation continues shall constitute a separate offense.

(Ord. 5996, 1-30-2012; Ord. 6603, 5-29-2018; Ord. 6674, 2-25-2019)

## 4-1-11. - Contractor insurance and license requirements.

It shall be unlawful for any contractor to perform construction or demolition work within the Village of Glen Ellyn that requires a building permit unless the contractor has a certificate of insurance or professional license; as required under this chapter, on file with the Community Development Department.

(A) *Contractor classifications:* A "contractor" is any person, partnership, corporation or other business entity engaged in the business of constructing, altering, repairing or demolishing buildings, structures, utilities, site improvements or topography. Contractor classifications are based on the work they perform and the contractual relationships established as follows:

1. A "general contractor" is a contractor who employs or manages the work of one or more independent contractors. A general contractor may also be the developer, builder, construction manager or property owner.
2. An "independent contractor" is a contractor who only manages his own work or the work of his own employees and performs one trade or craft. Independent contractors are generally contracted by a property owner, owner's agent or building occupant or subcontracted by a general contractor.
3. A "public utility contractor" is a contractor completing public improvement work in the rights-of-way under agreements and licenses with the Village of Glen Ellyn and managed by the public works department.
4. A "subcontractor" is any contractor working under a contract agreement with a general contractor.

(B) *Contractor insurance exemptions:*

1. A property owner who hires contractors to work on their property, or personally works on their property, is exempt from the contractor insurance requirements provided the property owner is not also a general contractor. However, all contractors working on the property must meet the contractor insurance requirements.
2. A public utility contractor is exempt from the contractor insurance requirements of this section for all work completed in the rights-of-way.
3. Any person providing design, engineering or testing services, furnishing materials and equipment, completing cleaning and maintenance work or performing any activity for which a building permit is not required is exempt from the contractor insurance requirements.
4. A licensed contractor is exempt from the requirement to provide a certificate of insurance provided a surety bond and/or certificate of insurance is a licensing requirement under Illinois state statutes.

(C) *Application documents:*

1. Licensed contractors must possess and submit, with each application for building permit, a copy of their current professional license issued by the State of Illinois, Illinois Municipality or other entity authorized to issue such license. This includes contractors performing electrical, plumbing, irrigation, roofing, fire sprinkler, elevator/conveyance equipment work or other construction work that requires a State of Illinois license.
2. Contractors must possess and submit, with each application for building permit, a valid certificate of insurance issued by a company approved and authorized to issue insurance by the State of Illinois. The certificate of insurance shall list the Village of Glen Ellyn as an additional insured and include the following insurance in the minimum amounts indicated:

(a) General contractor:

General liability each occurrence ..... \$1,000,000.00

General liability each person ..... 100,000.00

Property damage ..... 10,000.00

Workers' compensation ..... As required by law

(b) Independent contractor:

General liability each occurrence ..... \$500,000.00

General liability each person ..... 100,000.00

Property damage ..... 10,000.00

Workers' compensation ..... As required by law

3. Contractors must submit a notarized affidavit stating that they have no employees if the certificate of insurance excludes workers' compensation.

- (D) *Processing of information:* Information received by the Director of Community Development shall be examined for complete and accurate information. The Director shall have the authority to require the applicant to submit supplemental evidence to confirm the information.
- (E) *Renewal of contractor information:* Contractor insurance and license information shall be renewed for all projects that have not passed final inspections during the term listed on the certificate of insurance or professional license. These documents shall be renewed by submission of same, with active term periods indicated on the documents, to the Community Development Department. Failure to renew expired documents prior to their expiration date may result in the issuance of a Stop Work Order or other enforcement actions.
- (F) *Suspension of contractor activities:* The contractor is prohibited from performing any work during the period in which the contractor's certificate of insurance or professional license is not valid. A Stop Work Order may be issued, and other enforcement action may be taken, without prior notice, to the contractor on or after the expiration date of a certificate of insurance or professional license.
- (G) *Denial of a building permit application, renewal or reinstatement:* Building permit applications, renewals and reinstatements may be granted or denied by the Director by written notice within 30 days of the submittal date. Applications, renewals and reinstatements will be denied for failure to submit the required insurance or license documents or submitting false information.
- (H) *Appeal of a denied application, renewal or reinstatement:* All appeals from the decisions of the Director of Community Development must be filed with the Community Development Department within 30 days after the contractor's receipt of the written notice. The appeal must include a petition submitted by the contractor describing the basis upon which the appeal is founded and payment of an administrative appeal fee. The Director of Community Development shall transmit the appeal to the Building Board of Appeals for a public hearing. The board shall review evidence and hear testimony relevant to the appeal and reach a decision. The decision of the board shall be the final administrative decision.
- (I) *Enforcement:* No building permit shall be issued for any work if the permit applicant or the contractors listed on the permit application are not in compliance with this section. Contractors shall provide personal identification and identify their employers to the Building Inspector or other authorized Village official on the work site to verify compliance with these contractor insurance or license requirements. A contractor performing work in violation of this section may be served with a citation and a stop work order may be issued and the building permit may be suspended or revoked by the Building Official.
- (J) *Penalty:* Any persons violating the provision of this section shall be fined not less than \$150.00 nor more than \$750.00 for each offense and a separate offense shall be deemed committed each day during or on which a violation occurs or continues.

(Ord. 5854, 3-8-2010, eff. 3-15-2010; Ord. 6674, 2-25-2019)

4-8-3. - General regulations; private property involving development.

- (A) *Tree preservation plan required:* Development on private property shall require the filing of a tree preservation plan along with other permit application materials required by this section upon application for a building permit.

Trees which the owner designates on the plan as being susceptible to potential damage due to their location or condition may be designated as impacted trees. After the initial tree protection fencing or other protective methods have been put in place these impacted trees shall not be subject to additional regulation provided the required tree fencing or other protective methods are maintained. The Village forester, or his/her designee, may suggest that trees on the property not shown as impacted or protected trees should be shown as being in those categories, but the final decision shall rest with the applicant.

All work to preserve protected, adjacent, significant, and impacted trees shall be according to the "Arboricultural Specifications Manual". The tree survey shall be drawn to a scale not less than one inch to 20 feet so that the location of each tree required to be shown on the plan can be identified. The tree preservation plan shall include the following:

1. A "tree survey" as defined above. The Village forester, or his/her designee, may exclude the tree survey requirement on those portions of the site which he/she determines will not be affected by the development activity. The survey may be prepared by a registered land surveyor or certified arborist or may be prepared by or under the direction of the owner if it accurately reflects all required tree information. The Village forester or his/her designee shall, if requested, assist without charge in the identification and size of tree species on those properties that do not require an ISA certified arborist review and approval.
  2. The name and contact information of the parties responsible for the construction, erection, and maintenance of temporary fencing or other physical barrier around protected trees.
  3. The location, shape, and spatial arrangement of all existing and proposed buildings, walls, improvements, and structures and the excavation limits required to construct proposed improvements.
  4. The location, shape and spatial arrangement of all permanent driveways and parking areas and temporary material storage sites and accessways.
  5. All existing or new utility services including water, sanitary sewer, storm sewer, gas, electric, telephone, and cable TV.
  6. The Village forester, or his/her designee, may expand or partially retract the critical root zone depending on the tree species and site specific situations so as to improve the chances that trees will not be damaged during construction and to permit construction to take place. In such cases, the Village forester, or his/her designee, may request additional precautions in order to preserve the health of trees.
  7. Existing and proposed grading of the development area showing elevations with contour lines at one foot intervals if a grading plan is required by some other provision of this Code.
  8. A tree preservation plan for a new home shall be reviewed and approved by a certified arborist for the purpose of evaluating the protective measures proposed on the plan.
- (B) *Building permit required:* No building permit shall be issued for development until the tree preservation plan has been approved by the Village Board (for planned unit developments or subdivisions) or the Village forester or his/her designee. In reviewing the tree preservation plan, the Village forester, or his/her designee, can offer advice and suggest modifications which will better protect existing trees, but the tree preservation plan shall be approved if it otherwise is in conformity with Village ordinances. The Village shall process the tree preservation plan in no more time than shall be needed to process a building permit unless the application does not fulfill the requirements of this chapter. Appeals regarding the tree preservation plan or a decision of the Village forester shall

be first submitted to the Public Works Director. A subsequent appeal shall be submitted to the Village Manager. The following steps shall be followed to assure conformance to the approved tree preservation plan and the tree protection requirements in the "Arboricultural Specifications Manual" prior to the issuance of a building permit.

1. Tree preservation fencing must be installed and inspected for all protected, significant, impacted, border, public, and adjacent property trees prior to the issuance of a building permit. Tree preservation measures must be installed per the approved tree preservation plan and remain in place during the entire construction period. Fencing shall not be removed or relocated unless authorized in writing.
  2. For a new principal structure an approved tree preservation plan shall be posted on the building site within five feet of the front property line before a building permit is issued and shall remain in place throughout the entirety of the construction of the project. This sign must be posted as shown in the "Arboricultural Specifications Manual". The permit applicant shall be responsible for notifying all other contractors working on the property of the tree preservation plan.
  3. The applicant shall notify all adjacent property owners of the proposed construction project and that a tree preservation plan has been prepared and is available for review at the Community Development Department of the Village of Glen Ellyn. A copy of such notification along with a list of addresses it was delivered to must be submitted to the Community Development Department prior to the issuance of a building permit.
- (C) *Precautions during construction:* During construction, all reasonable steps necessary to prevent the destruction or damaging of protected trees shall be taken, including, but not limited to, the following:
1. No construction activity, movement, and/or placement of equipment or material or spoils storage shall be permitted within the critical root zone of any protected tree or significant tree on the tree preservation plan unless shown on the approved tree preservation plan. No excess soil, additional fill, liquids, or construction debris shall be placed within the critical root zone of any protected tree or significant tree.
  2. Per the "Arboricultural Specifications Manual", appropriate protective fencing shall be installed and maintained for the protection of protected, adjacent property, significant, and impacted trees.
  3. No attachments, fences, or wires, other than those approved for bracing, guying, or wrapping, shall be attached to protected trees or significant trees during the construction period.
  4. Branch pruning, root feeding, and root pruning of protected trees, significant trees, and adjacent property trees directly affected by construction shall be conducted by the property owner if suggested by the Village forester, or his/her designee, and must be completed following the "Arboricultural Specifications Manual". On-site inspections must be scheduled with the Village forester or his/her designee to ensure this requirement is met.
  5. Unless otherwise shown on the approved tree preservation plan, no soil is to be added to or removed from within the critical root zone of any protected, significant, or adjacent property tree that is to remain, unless shown on the approved tree preservation plan.
  6. Regulated public utilities, to the extent permitted by law, shall be responsible for adhering to said tree preservation plan during installation of necessary utility service lines. A property owner or contractor shall not be responsible for damages caused by the action of a public utility unless that person directed the location and manner of work of the utility.
- (D) *Fee schedule for tree preservation plan review:*
1. Plan review fee for single-family lots. For projects where more than one of the projects listed below occurs, the higher fee shall apply.  
Unit cost for each:
    - a. Garage/pool/other: ..... \$250.00

- b. Addition: ..... 250.00
    - c. Demolition/new house: ..... 330.00
    - d. New house: ..... 330.00
    - e. Site improvements/grading/landscaping: ..... 250.00
    - f. Work in public right-of-way: ..... 330.00
  - 2. Plan review fee for subdivisions, special use projects, and planned unit developments or lots with any use other than single-family residences:
    - a. Cost to review documents submitted in compliance with tree preservation ordinance: ..... \$100.00 per hour by consultant.
  - 3. Fees for additional field inspections and violations:
    - a. Field inspection responding to complaint (verified violation): ..... \$100.00
    - b. Tree fence violation: ..... 100.00
- (E) *Work must be according to approved tree preservation plan:* It shall be unlawful for any person, firm, or a corporation to fail to abide by the terms of any tree preservation plan pursuant to which a building permit has been issued, including all regulated public utilities.
- (F) *Stop work order authorized for noncompliance with tree preservation plan:* If the Village forester, or his/her designee, or a Building Inspector observes the precautions specified in the tree preservation plan were not undertaken before construction commenced or not maintained during construction, a stop work order may be issued. The stop work order shall remain in place until the permittee complies with the approved tree preservation plan and/or corrects the issues stated in the stop work order.
- (G) *Amendment to tree preservation plan and removal of protected trees:* An application can be made to the Village forester to amend a tree preservation plan. No amendment shall be permitted where the provisions of the approved plan have not been followed. An application shall be approved where changed facts and circumstances not within the control of the applicant create an undue hardship in complying with the plan. Where a protected tree has been damaged such that its removal is required, the forester shall approve its removal after adequately documenting any violations of this chapter which have caused or contributed to the removal of a protected tree.

(Ord. 5961, 9-26-2011; Ord. 6075, 9-24-2012; Ord. 6603, 5-29-2018; Ord. 6674, 2-25-2019)

## 8-4-5. - General regulations; public property.

- (A) *Work on public trees:* Work on public trees may only be carried on by a tree contractor selected or approved by the Village Forester, or his/her designee. This provision shall not prohibit owners of property adjacent to Village owned property from watering or fertilizing any tree, shrub, or other plant on Village owned property.
- (B) *Damage to trees, shrubs, or other plants prohibited:* It shall be unlawful for any person to injure, prune, remove, destroy, attach any rope, wire, nail, or other contrivance; place any compacted stone, cement, or other impervious matter or substance as may obstruct the free access of air and water to the roots (i.e., landscape fabric), improper mulching techniques (volcano mulching); or remove any device set for the protection of any tree, shrub, or other plants on Village owned property without approval from the Village Forester or his/her designee.
- (C) *Care of public property when working on private property:* It shall be unlawful for the person working on private or public property to leave any public tree that may be affected by building, structure, or other work without proper tree preservation methods as stated by the Village Forester or his/her designee per the "Arboricultural Specifications Manual".
- (D) *Work standards on public trees must be followed:* Work done on public trees shall follow the standards outlined in the "Arboricultural Specifications Manual". A copy of the "Arboricultural Specifications Manual" is on file and may be reviewed at the office of the Village Forester, viewed on our website, or may be purchased at the Civic Center.
- (E) *Damage to public trees causing removal (payment or replacement):* Any person that damages a public tree so severely that the public tree dies or requires removal shall compensate the Village for the loss of the public tree. The amount paid shall be based on the following schedule:
  1. If the damaged public tree is less than eight inches in diameter (measured at 12 inches above ground level), the amount paid shall be determined by using the replacement cost method of evaluating trees found in the latest edition of the Council of Tree and Landscape Appraisers guide (CTLA) for plant appraisal, which guide is adopted by reference by the Village as if it were a part of this chapter.
  2. For public trees larger than an eight inch trunk diameter, the amount paid shall be determined by using the trunk formula method of evaluating trees found in the latest edition of CTLA's guide.
  3. Added to the costs established under subsections (E)1. and (E)2. of this section shall be the cost of the removal and stump grinding of the public tree.
  4. In addition to the prosecution for a business offense, in accordance with subsection (F) of this section, the Village may seek to recover the cost of the damaged public tree, in the amount computed under subsections (E)1., (E)2. and (E)3. of this section, through a civil action.
- (F) *Damage to public trees causing removal (civil fine):* Any person that damages a public tree so severely that the public tree dies or requires removal shall be guilty of a business offense and, upon a conviction thereof, shall pay a fine which shall not be less than \$1,000.00 nor more than that established under the formula set out in subsections (E)1. and (E)2. of this section, and in addition to the cost of the removal of the tree.
- (G) *Injury to public trees not requiring removal (payment):* Any person that causes injury to a public tree that requires treatment may avoid a civil fine by paying the actual cost to treat the tree.
- (H) *Injury to public trees not requiring removal (civil fine):* Any person that causes injury to a public tree so that the tree requires treatment shall be guilty of a business offense.  
 The fine upon conviction shall be equal to the actual cost incurred by the Village in treating the tree for the injury.
- (I) *Time for bringing an action and damage or injury:* The Village shall not prosecute any person for causing damage or injury to public trees when the action of such person was limited to lawn mowing



using a nonriding lawn mower or a "weed whacker" unless the person was notified of the problem and continued to cause damage to the tree. Nor shall a person be liable for fines or reimbursement when damage is done by regulated public utility unless that person has specifically directed the location and manner of work performed by the utility which caused the damage, however the person that has specifically caused damaged will be liable. Any action by the Village seeking fines or reimbursements for costs relating to damage or injury to public trees must be commenced within three years of the date of the refund of deposit.

(Ord. 5962, 9-26-2011)

## 8-4-7. - Permits required.

- (A) *Permits required to do work on public trees:* Except for work performed by an employee or independent contractor of the Village, none of the following acts relating to public trees may be carried out except by a tree contractor who has first secured a written permit from the Village Forester, or his/her designee. The Village shall determine those tree contractors who shall be allowed to perform work on public trees. No person except the Village Forester, an agent of the Village Forester, or a contractor hired by the Village under the supervision of the Village Forester may do any of the following acts related to public trees without first securing a written permit from the Village Forester, or his/her designee:
1. Plant, transplant, treat, prune, or remove any public tree (excludes watering and fertilization).
  2. Place in a public right-of-way, either above or below ground level, a container for trees, shrubs, or other plants.
- (B) *Permits required to do tunneling or excavation near public trees:* Except for work performed by an employee or an independent contractor of the Village, none of the following acts relating to public trees may be carried out except by a person, including a regulated public utility, who has first secured a written permit from the Village Forester: dig a tunnel, trench, or other excavation; install a driveway approach; plant within the critical root zone for flower boxes, etc.; or rototill or dig within the critical root zone of any public tree.
- (C) *Permit:* Applications for permits must be made at the office of the Building and Zoning Official not less than ten working days before the time the work is to be done. Notice of completion of the work authorized by the permit shall be given within five days to the Village Forester for inspection. The issue of the permit and the inspection shall be accomplished within a reasonable period of time provided, however, that the work may not be performed without the issuance of a permit.

The Village may also require a permit in situations where development will take place in such a manner as to cause stress to public trees even if no removal is contemplated.

This permit shall not be construed to exempt any person from the requirements of obtaining additional permits required by law.

If the request includes removal of a public tree where the Village consents to the removal where another access to the public right-of-way could have been reasonably provided, a fee reflecting the value of the tree, plus the cost of removal of tree and stump, shall be paid to the Village before the issuance of any permit. The fee shall be calculated according to subsection 8-4-5(E) of this chapter. If the request includes removal of a public tree where no other access to the property was available, a fee reflecting the cost of removal of tree and stump and all costs associated with the purchase and planting of a four inch tree and a one year guarantee shall be paid to the Village before the issuance of any permit. Tree removal shall be done by a contractor hired by the Village of Glen Ellyn.

(Ord. 5962, 9-26-2011)

## ATTACHMENT – B (BLACKLINED)

### 4-1-4. – Fee and deposit schedule.

#### SCHEDULE OF FEES AND DEPOSITS

The following schedule applies to all new or reconstructed buildings and structures, new additions, alterations or remodeling to existing buildings, structures or accessory structures, and all property development unless noted otherwise in this section of the Glen Ellyn Village Code. Where a project includes multiple work items listed as separate line items in this schedule the fees shall be cumulative in nature to include all work items in the project scope of work.

| Construction Scope of Work | Building or Application Fee | Plan Review Fee | Refundable Deposit or Escrow |
|----------------------------|-----------------------------|-----------------|------------------------------|
|----------------------------|-----------------------------|-----------------|------------------------------|

#### A - New Construction

|   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |             |            |       |
|---|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|------------|-------|
| 1 | Non-residential or mixed-use building, principal structure, total square footage of all levels, including all attached or detached structures:<br>a. Fees include connection fee for up to maximum 1" water service line, and 1" water meter. For larger water service line or meter sizes, the building fee shall be increased by the difference in cost between 1-inch and the required size(s) (see chapters 7-11-30 and 7-11-32 of this code). The cost difference between a 1-inch line and the required line size shall be added to the permit fees indicated herein.<br>b. Fees do not include sewer connection fees (see section (F) of this schedule).<br>c. Fees do not include site development/stormwater fees or deposits (see section (D) of this schedule).<br>d. For food service establishments, add \$250.00 to the plan review fee.<br>e. Fees do not include elevator fees (see section (D) of this schedule).<br>f. Fees do not include fire alarm and detection or fire sprinkler systems (see section (D) of this schedule).<br>g. Fees include up to two plan reviews (Additional plan reviews shall be charged per Note 1).<br>h. Fees do not include systems that collect or convert geothermal, solar or wind energy (see section D of this chart). |             |            |       |
|   | • Up to 2,000 square feet See Note 7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 6,100       | 1,900      | 5,000 |
|   | • 2,001 to 3,500 square feet See Note 7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 6,300       | 2,250      | 5,000 |
|   | • 3,501 to 5,000 square feet See Note 7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 6,550       | 3,000      | 5,000 |
|   | • 5,001 to 6,500 square feet See Note 7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 6,900       | 3,600      | 5,000 |
|   | • 6,501 to 8,000 square feet See Note 7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 7,400       | 4,100      | 5,000 |
|   | • over 8,000 square feet See Note 7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | See Note 14 | \$0.20/sf  | 5,000 |
| 2 | Residential 1- and 2-family dwelling, principal structure, total floor area square footage of all levels:<br>a. Fees include all impervious surfaces, attached structures such as porches and decks, up to three detached accessory structures such as garages or pergolas, as allowed by the zoning code for the applicable zoning district.<br>b. Fees include connection fee for sewer line and up to maximum 1" water service line, and 1" water meter. For larger water service line or meter sizes, the building fee shall be increased by the difference in cost between 1-inch and the required size(s) (see chapter 7-11-30 of this code).<br>c. Fees include site development/stormwater fees and deposits.<br>d. Fees include up to two plan reviews (Additional plan reviews shall be charged per Note 1).<br>e. Fees do not include systems that collect or convert geothermal, solar or wind energy (see section D of this schedule).<br>f. Fees include fire sprinkler plan review and inspection.<br>g. Fees do not include elevator fees (see section (D) of this schedule).                                                                                                                                                                                  |             |            |       |
|   | • Up to 2,000 square feet                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 5,025       | 1,100      | 5,000 |
|   | • 2,001 to 6,500 square feet                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 5,300       | 1,700      | 5,000 |
|   | • 6,501 to 9,500 square feet                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 5,700       | 2,100      | 5,000 |
|   | • 9,501 to 13,500 square feet                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 6,275       | 2,710      | 5,000 |
|   | • 13,501 to 18,000 square feet                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 6,975       | 3,410      | 5,000 |
|   | • over 18,000 square feet                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 7,950       | 4,220      | 5,000 |
| 3 | Residential multi-family dwelling, principal structure,<br>a. Fees do not include water or sewer connection fee, see chapters 7-11-30 and 7-11-32 of this code.<br>b. Fees do not include site development/stormwater fees or deposits.<br>c. Fees do not include elevator fees (see section (D) of this schedule).<br>d. Fees do not include fire alarm and detection or fire sprinkler systems (see section (D) of this schedule).<br>e. Fees include up to two plan reviews (Additional plan reviews shall be charged per Note 1).<br>f. Fees do not include systems that collect or convert geothermal, solar or wind energy (see section D of this chart).                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |             |            |       |
|   | • Fee per dwelling unit *each unit (Building Fee)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 2,000*      | See Note 1 | 5,000 |
|   | • Fee for associated attached or detached structures other than new dwelling units including, but not limited to attached parking levels                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | See Note 14 | \$0.20/sf  | 5,000 |

**B - Additions - Fees do not include fire sprinkler, fire alarm and detection or elevator work if required/provided.**

|   |                                                                                                                                                              |             |           |       |
|---|--------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|-----------|-------|
| 1 | New level to existing primary building for 1- and 2-family dwellings                                                                                         | 2,250       | 800       | 4,000 |
|   | New level to existing multi-family, mixed-use or non-residential building                                                                                    | See Note 14 | 1,700     | 5,000 |
| 2 | To accessory structures for 1-, 2- and 3-family dwellings                                                                                                    | 450         | 200       | 2,000 |
| 3 | To accessory structures for 4-family and larger dwellings                                                                                                    | 600         | 300       | 2,000 |
| 4 | To residential primary building for 1-, 2- and 3-family dwellings, total new square footage of all levels, not including water service upgrade if necessary: |             |           |       |
|   | • Up to 500 square feet                                                                                                                                      | 1,125       | 500       | 2,000 |
|   | • 501 to 1,000 square feet                                                                                                                                   | 2,250       | 600       | 2,000 |
|   | • 1,001 to 2,000 square feet                                                                                                                                 | 3,375       | 700       | 2,000 |
|   | • over 2,000 square feet                                                                                                                                     | 5,100       | 1,100     | 5,000 |
| 5 | To residential primary building for 4-family and larger dwellings, total square footage of all levels, not including water service upgrade if necessary:     |             |           |       |
|   | • Up to 500 square feet                                                                                                                                      | 1,125       | 1,300     | 2,000 |
|   | • 501 to 1,000 square feet                                                                                                                                   | 2,250       | 1,400     | 2,000 |
|   | • 1,001 to 2,000 square feet                                                                                                                                 | 3,375       | 1,700     | 2,000 |
|   | • Over 2,000 square feet                                                                                                                                     | See Note 14 | \$0.20/sf | 5,000 |
| 6 | To non-residential or mixed-use building, total square footage of all levels, not including water service upgrade if necessary:                              |             |           |       |
|   | • Up to 500 square feet                                                                                                                                      | 1,125       | 500       | 2,000 |
|   | • 501 to 1,000 square feet                                                                                                                                   | 2,250       | 600       | 2,000 |
|   | • 1,001 to 2,000 square feet                                                                                                                                 | 3,375       | 700       | 2,000 |
|   | • 2,001 to 3,500 square feet                                                                                                                                 | 6,300       | 1,800     | 5,000 |
|   | • 3,501 to 5,000 square feet                                                                                                                                 | 6,550       | 2,000     | 5,000 |
|   | • 5,001 to 6,500 square feet                                                                                                                                 | 6,900       | 2,400     | 5,000 |
|   | • 6,501 to 8,000 square feet                                                                                                                                 | 7,400       | 2,700     | 5,000 |
|   | • over 8,000 square feet                                                                                                                                     | See Note 14 | \$0.20/sf | 5,000 |

**C - Alterations and Remodeling - Fees do not include fire sprinkler, fire alarm and detection, or elevator work if required/provided.****1 - Residential**

|   |                                                                                                                                                      |       |     |     |
|---|------------------------------------------------------------------------------------------------------------------------------------------------------|-------|-----|-----|
| a | Attic buildout                                                                                                                                       | 1,000 | 200 | N/A |
| b | Basement alterations/buildout                                                                                                                        | 1,000 | 200 | N/A |
| c | Bathroom, new or alteration                                                                                                                          | 500   | 60  | N/A |
| d | Foundation Underpinning                                                                                                                              | 250   | 75  | N/A |
| e | Interior alterations, 1- and 2-family dwellings, multiple rooms, one level. Fee does not include plumbing inspections if required.                   | 750   | 300 | N/A |
| f | Interior alterations, 1- and 2-family dwellings, multiple rooms, two levels. Fee does not include plumbing inspections if required.                  | 1,000 | 400 | N/A |
| g | Interior alterations, multiple rooms, more than two levels. Fee does not include plumbing inspections if required.                                   | 1,500 | 500 | N/A |
| h | Interior alterations to 2 to 4 multi-family dwelling units, and/or limited common area work. Fee does not include plumbing inspections if required.  | 1,100 | 300 | N/A |
| i | Interior alterations to 5 or more multi-family dwelling units, and/or major common area work. Fee does not include plumbing inspections if required. | 2,200 | 400 | N/A |
| j | Kitchen, new or alteration                                                                                                                           | 900   | 75  | N/A |
| k | Structural modification or repair                                                                                                                    | 150   | 75  | N/A |
| l | Interior alterations, 1- and 2-family dwellings, up to 300 square feet in area encompassing all work areas, no plumbing work involved.               | 225   | 75  | N/A |

**2 - Commercial Buildings**

|   |                                                                                                                                                                                                                                                                                                                                                                                                                           |       |       |     |
|---|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|-------|-----|
| a | Food Service Establishment buildout:<br>Fees do not include the following work items:<br>a. water service upgrade, if required (see section (F) of this schedule).<br>b. fire detection and alarm or fire sprinkler systems (see section (D) of this schedule).<br>c. new grease interceptor, if required (see section (F) of this schedule).<br>d. sewer connection fee, if required (see section (F) of this schedule). |       |       |     |
|   | • up to 1,000 square feet                                                                                                                                                                                                                                                                                                                                                                                                 | 1,200 | 1,600 | N/A |
|   | • 1,001 to 2,000 square feet                                                                                                                                                                                                                                                                                                                                                                                              | 2,400 | 1,700 | N/A |
|   | • 2,001 to 3,000 square feet                                                                                                                                                                                                                                                                                                                                                                                              | 3,600 | 1,900 | N/A |
|   | • 3,001 to 4,000 square feet                                                                                                                                                                                                                                                                                                                                                                                              | 4,800 | 2,100 | N/A |
|   | • Over 4,000 square feet *2% of project cost, minimum                                                                                                                                                                                                                                                                                                                                                                     | 6000* | 2,500 | N/A |
| b | Kitchen exhaust hood/Ansul system, replacement unit not part of tenant buildout per hood                                                                                                                                                                                                                                                                                                                                  | 130   | 250   | N/A |
| c | Storefront or façade alteration, stand alone alteration project with no interior remodeling                                                                                                                                                                                                                                                                                                                               | 250   | 60    | N/A |
| d | Structural modification or repair                                                                                                                                                                                                                                                                                                                                                                                         | 150   | 75    | N/A |
| e | Tenant buildout, including all mechanical, electrical and plumbing work. Fire alarm and detection or fire sprinkler work not included.                                                                                                                                                                                                                                                                                    |       |       |     |
|   | • up to 1,000 square feet                                                                                                                                                                                                                                                                                                                                                                                                 | 1,000 | 1,400 | N/A |
|   | • 1,001 to 2,000 square feet                                                                                                                                                                                                                                                                                                                                                                                              | 2,000 | 1,500 | N/A |
|   | • 2,001 to 3,000 square feet                                                                                                                                                                                                                                                                                                                                                                                              | 3,000 | 1,700 | N/A |
|   | • 3,001 to 4,000 square feet                                                                                                                                                                                                                                                                                                                                                                                              | 4,000 | 1,900 | N/A |
|   | • Over 4,000 square feet *2% of project cost, minimum                                                                                                                                                                                                                                                                                                                                                                     | 5000* | 2,300 | N/A |
| f | Tenant modification of floor plan layout, up to 500 square feet, no mechanical, electric or plumbing modifications                                                                                                                                                                                                                                                                                                        | 75    | 75    | N/A |
| g | Tenant modification of floor plan layout, over 500 square feet, no mechanical, electric or plumbing modifications                                                                                                                                                                                                                                                                                                         | 175   | 150   | N/A |
| h | Tenant modification of lighting or electric power distribution system                                                                                                                                                                                                                                                                                                                                                     | 175   | 75    | N/A |
| i | Tenant modification of mechanical system                                                                                                                                                                                                                                                                                                                                                                                  | 75    | 150   | N/A |
| j | Tenant modification of plumbing system                                                                                                                                                                                                                                                                                                                                                                                    | 450   | 150   | N/A |
| k | Toilet room, new or remodeling                                                                                                                                                                                                                                                                                                                                                                                            | 400   | 75    | N/A |
| l | White Box buildout, including interior demolition of previous tenant space down to demising walls, floor and ceiling system, no new work                                                                                                                                                                                                                                                                                  | 500   | 150   | N/A |

## D - Miscellaneous Permits (see Note 9)

|    |                                                                                                                        |                |            |             |
|----|------------------------------------------------------------------------------------------------------------------------|----------------|------------|-------------|
| 1  | Accessibility modifications, interior or exterior, not within the public right-of-way                                  | 65             | 60         | N/A         |
| 2  | Arbor, trellis, pergola, ornamental gate or other similar structures                                                   | 65             | 30         | N/A         |
| 3  | Canopy or fixed awning, new or alteration                                                                              | 65             | 30         | N/A         |
| 4  | Commercial filming                                                                                                     | 150            | N/A        | N/A         |
| 5  | Commercial filming, application late fee                                                                               | 75             | N/A        | N/A         |
| 6  | Deck or porch construction/replacement, single level                                                                   | 225            | 60         | N/A         |
| 7  | Deck or porch construction/replacement, multiple levels                                                                | 350            | 80         | N/A         |
| 8  | Demolition (refer to section N of this schedule for applicable demolition tax based on area of demolition): See Note 3 |                |            |             |
|    | • Detached garage                                                                                                      | 80             | 30         | 2,000       |
|    | • Interior only, non-structural                                                                                        | 175            | 30         | N/A         |
|    | • Primary structure - greater than 300 to 1,000 square feet                                                            | 275            | 350        | 3,000       |
|    | • Primary structure - 1,001 to 4,000 square feet                                                                       | 425            | 350        | 3,000       |
|    | • Primary structure - greater than 4,000 square feet, not exceeding 45 feet height                                     | 1,000          | 1,100      | See Note 4  |
|    | • Primary structure - greater than 4,000 square feet and exceeding 45 feet in height                                   | 1,200          | 1,300      | See Note 4  |
| 9  | Drain tile and sump pit/pump                                                                                           | 65             | 30         | N/A         |
| 10 | Driveway, new, replacement or expanded if over 299 square feet in area, add site development fee                       | 65             | 30         | See Note 13 |
| 11 | Driveway approach only (same size and location)                                                                        | 65             | 30         | N/A         |
| 12 | Elevator or other conveyance, new *per stop                                                                            | 200*           | 120        | N/A         |
| 13 | Elevator modifications                                                                                                 | 355            | 120        | N/A         |
| 14 | Exit stairway, exterior                                                                                                | 225            | 30         | N/A         |
| 15 | Fascias, soffits, gutters and/or downspouts, windows or exterior doors                                                 | 65             | N/A        | N/A         |
| 16 | Fence, new                                                                                                             | 65             | 15         | N/A         |
| 17 | Fence, repair (see note 16)                                                                                            | 65             | N/A        | N/A         |
| 18 | Fireplace, new interior or exterior                                                                                    | 80             | 30         | N/A         |
| 19 | Fire alarm and detection system, new or modified:                                                                      |                |            |             |
|    | • up to 10,000 square feet                                                                                             | 80             | 280        | N/A         |
|    | • 10,001 to 15,000 square feet                                                                                         | 150            | 420        | N/A         |
|    | • Over 15,000 square feet                                                                                              | 200            | 550        | N/A         |
| 20 | Fire sprinkler system, pipe schedule design:                                                                           |                |            |             |
|    | • 1 to 20 sprinkler heads                                                                                              | 125            | 280        | N/A         |
|    | • 21 to 100 sprinkler heads                                                                                            | 200            | 300        | N/A         |
|    | • 101 to 200 sprinkler heads                                                                                           | 275            | 400        | N/A         |
|    | • 201 to 300 sprinkler heads                                                                                           | 350            | 450        | N/A         |
|    | • 301 to 500 sprinkler heads                                                                                           | 425            | 700        | N/A         |
|    | • over 500 sprinkler heads                                                                                             | 500            | See Note 1 | N/A         |
| 21 | Fire sprinkler system, hydraulically calculated:                                                                       |                |            |             |
|    | • 1 to 20 sprinkler heads                                                                                              | 125            | 300        | N/A         |
|    | • 21 to 100 sprinkler heads                                                                                            | 200            | 600        | N/A         |
|    | • 101 to 200 sprinkler heads                                                                                           | 275            | 810        | N/A         |
|    | • 201 to 300 sprinkler heads                                                                                           | 350            | 920        | N/A         |
|    | • 301 to 500 sprinkler heads                                                                                           | 425            | 1,325      | N/A         |
|    | • over 500 sprinkler heads                                                                                             | 500            | See Note 1 | N/A         |
| 22 | Garage - residential, 1-story, detached                                                                                | 600            | 300        | 2,000       |
| 23 | Garage - residential, 2-story, detached                                                                                | 650            | 300        | 2,000       |
| 24 | Geothermal systems                                                                                                     | 250            | 125        | N/A         |
| 25 | Gazebo or Greenhouse (If disturbed area is 300 square feet or larger, then add site development fee)                   | 65             | 30         | N/A         |
| 26 | Key box Village purchase cost plus 10%                                                                                 | cost + 10%     | N/A        | N/A         |
| 27 | Masonry tuckpointing, over 300 square feet                                                                             | 65             | N/A        | N/A         |
| 28 | Miscellaneous construction, under \$15,000 construction hard cost valuation                                            | 250            | 60         | See Note 4  |
| 29 | Miscellaneous construction, over \$15,000 construction hard cost valuation                                             | See Note 9     | 200        | See Note 4  |
| 30 | Other appliances, equipment, structures, or individual work items not listed                                           | 65             | 30         | See Note 4  |
| 31 | Outdoor fire pit, oven or kitchen                                                                                      | 65             | 30         | N/A         |
| 32 | Paved or impervious surface (including sport courts) greater than 100 and less than 300 square feet in area            | 65             | 30         | N/A         |
| 33 | Paved or impervious surface (including sport courts) greater than 299 square feet in area                              | 260            | 110        | 2,000       |
| 34 | Pavement grinding/resurfacing pavement                                                                                 | 65             | 30         | N/A         |
| 35 | Prescribed burn                                                                                                        | 80             | N/A        | N/A         |
| 36 | Radon system, active (power ventilated)                                                                                | 80             | N/A        | N/A         |
| 37 | Radon system, passive (natural ventilation)                                                                            | 65             | N/A        | N/A         |
| 38 | Restripe parking lot                                                                                                   | 65             | 30         | N/A         |
| 39 | Retaining wall, over 8 inches in height                                                                                | 65             | 75         | N/A         |
| 40 | Roofing, residential over 300 square feet                                                                              | 85             | N/A        | N/A         |
| 41 | Roofing, commercial over 300 square feet                                                                               | 150            | 30         | N/A         |
| 42 | Shed or other accessory structure less than 150 square feet in area                                                    | 65             | 30         | N/A         |
| 43 | Shoring, raising or moving of any building                                                                             | 600            | 150        | 5,000       |
| 44 | Sidewalk, new                                                                                                          | \$20.00/lin ft | N/A        | N/A         |
| 45 | Siding or stucco over 300 square feet                                                                                  | 80             | N/A        | N/A         |

|    |                                                                                                                                   |            |            |           |
|----|-----------------------------------------------------------------------------------------------------------------------------------|------------|------------|-----------|
| 46 | Site development fees, new construction: Water, sanitary and sewer fees included within construction fees unless noted otherwise. |            |            |           |
|    | • Development from 300 to 1,500 square feet in area                                                                               | 425        | 250        | 5,000     |
|    | • Development located within the principal building side yard setbacks, excluding a driveway approach                             | 425        | 330        | 5,000     |
|    | • Development over 1,500 square feet for single-family home or townhome                                                           | 700        | 600        | 5,000     |
|    | • Development over 1,500 square feet for commercial and multi-family (see section 4-1-4(l) of this code)                          | See Note 6 | See Note 7 | 5,000     |
| 47 | Solar panel system, including connection to electric system only                                                                  | 250        | 75         | N/A       |
| 48 | Solar panel system, including connection to electric and plumbing system                                                          | 350        | 100        | N/A       |
| 49 | Storage tank installation or removal                                                                                              | 125        | 50         | 2,000     |
| 50 | Swimming pool, spa or hot tub, above ground *Deposit of \$2,000 required if disturbed area is larger than 300 square feet         | 100        | 30         | *N/A      |
| 51 | Swimming pool, spa or hot tub, in-ground                                                                                          | 200        | 60         | 2,000     |
| 52 | Telecommunication sites, alterations or co-locate (other than small wireless facility)                                            | 250        | 450        | 2,000     |
| 53 | Telecommunication sites, new construction, not in public right of way (other than small wireless facility)                        | 500        | 750        | 2,000     |
| 54 | Telecommunication site, single co-located small wireless facility                                                                 | 200        | 450        | 4,000     |
| 55 | Telecommunication site, additional small wireless facilities, after the first co-located site under the same permit application   | 200 each   | 150 each   | 4000 each |
| 56 | Temporary bleachers, platform, stage or tent (tent greater than 400 square feet)                                                  | 75         | 30         | N/A       |
| 57 | Wind turbine                                                                                                                      | 250        | 75         | N/A       |

**E - Heating, Ventilation and Air Conditioning**

|   |                                                                                            |     |     |     |
|---|--------------------------------------------------------------------------------------------|-----|-----|-----|
| 1 | Air conditioning coil and/or condenser replacement                                         | 65  | N/A | N/A |
| 2 | Air distribution system modification                                                       | 65  | N/A | N/A |
| 3 | Boiler                                                                                     | 120 | N/A | N/A |
| 4 | Chimney or vent, replacement or chimney re-liner                                           | 65  | N/A | N/A |
| 5 | Solid fuel-burning equipment or stove                                                      | 65  | N/A | N/A |
| 6 | Fuel-gas or fuel-oil piping modification                                                   | 120 | N/A | N/A |
| 7 | Heating/cooling equipment: residential furnace or heat pump, new or replacement            | 65  | 30  | N/A |
| 8 | Heating/cooling equipment: commercial furnace, heat pump, rooftop unit, new or replacement | 120 | 30  | N/A |

**F - Plumbing**

|    |                                                                                                                                                                   |             |     |            |
|----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|-----|------------|
| 1  | Cross connection control device, new                                                                                                                              | 140         | N/A | N/A        |
| 2  | Flood/sewer backup control system                                                                                                                                 | 215         | 60  | N/A        |
| 3  | Grease interceptor, new or replacement                                                                                                                            | 140         | 60  | N/A        |
| 4  | Hydrant meter                                                                                                                                                     | 550         | N/A | N/A        |
| 5  | Irrigation systems - lawn                                                                                                                                         | 140         | 30  | See Note 4 |
| 6  | Modified overhead sewer, not part of a remodeling project                                                                                                         | 140         | 30  | N/A        |
| 7  | Reconfigure interior waste, water or vent system, not part of a remodeling project                                                                                | 140         | 30  | N/A        |
| 8  | Service disconnection, waste or water                                                                                                                             | 200         | 60  | 4,000      |
| 9  | Sewer connection fee (Village base fee as shown, plus Glenbard Wastewater Authority fee) Base fee, plus \$278.00 per PE (population equivalent)                   | 1,000       | N/A | N/A        |
| 10 | Sewer line inspection (Clear Water Program) Note: This fee is not included within new construction, additions, alterations or remodeling fees                     | 100         | N/A | N/A        |
| 11 | Water heater, replacement                                                                                                                                         | 120         | N/A | N/A        |
| 12 | Water meter                                                                                                                                                       | See Note 12 | 50  | N/A        |
| 13 | Water, sewer or storm line, 1-, 2- and 3-family dwellings (add connection fees based on service line size per chapters 7-11-30 and 7-11-32 of this code)          | 240         | 60  | 3,000      |
| 14 | Water, sewer or storm line, multi-family, mixed -use or commercial (add connection fees based on service line size per chapters 7-11-30 and 7-11-32 of this code) | 340         | 75  | 3,000      |
| 15 | Water, sewer or storm line repair (private property)                                                                                                              | 140         | N/A | N/A        |
| 16 | Water, sewer or storm line repair (public property)                                                                                                               | 240         | N/A | 5,000      |
| 17 | Miscellaneous inspection or consultation                                                                                                                          | 140         | N/A | N/A        |

**G - Electrical**

|    |                                                 |     |     |     |
|----|-------------------------------------------------|-----|-----|-----|
| 1  | Emergency generator                             | 65  | 30  | N/A |
| 2  | Exit signs                                      | 65  | 30  | N/A |
| 3  | Lighting fixtures                               | 65  | N/A | N/A |
| 4  | Openings for wiring, each 25 or portion thereof | 65  | N/A | N/A |
| 5  | Re-circuiting                                   | 80  | N/A | N/A |
| 6  | Service feeders                                 | 80  | N/A | N/A |
| 7  | Service upgrade, up to 200 amps                 | 100 | N/A | N/A |
| 8  | Service upgrade, up to 400 amps                 | 125 | N/A | N/A |
| 9  | Service upgrade, over 400 amps                  | 150 | N/A | N/A |
| 10 | Service upgrade, each additional meter          | 65  | N/A | N/A |
| 11 | Service panel or subpanel                       | 65  | N/A | N/A |
| 12 | Temporary electrical service                    | 80  | N/A | N/A |
| 13 | Transformer                                     | 65  | N/A | N/A |
| 14 | Underground service                             | 80  | N/A | N/A |
| 15 | Wired connection, appliances or equipment       | 65  | N/A | N/A |

**H - Signs**

|   |                         |      |     |     |     |
|---|-------------------------|------|-----|-----|-----|
| 1 | Banners                 | each | 50  | N/A | N/A |
| 2 | Comprehensive sign plan |      | 500 | N/A | N/A |
| 3 | Freestanding sign       | each | 175 | N/A | N/A |
| 4 | Illuminated sign        | each | 150 | N/A | N/A |
| 5 | Non-illuminated sign    | each | 100 | N/A | N/A |
| 6 | Panel replacement       | each | 100 | N/A | N/A |

**I - Plan Reviews**

|    |                                                                                                                                                              |                 |     |            |       |
|----|--------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|-----|------------|-------|
| 1  | Additional fees:                                                                                                                                             |                 |     |            |       |
|    | • Plan review completed in-house after the second plan review has been completed                                                                             |                 | N/A | 200        | N/A   |
|    | • Stormwater plan review performed after the third review (see section 4-1-4(I) of this code)                                                                | per hour        | N/A | 75         | N/A   |
|    | • Stormwater plan review performed on revised drawings submitted after drawings have been approved (see section 4-1-4(I) of this code)                       | per hour        | N/A | 75         | N/A   |
| 2  | Deferred submittal: elevator or other conveyance (cost added to plan review fee indicated elsewhere in this schedule)                                        |                 | N/A | 100        | N/A   |
| 3  | Deferred submittal: fire alarm system or fire suppression system (cost added to plan review fee indicated in section 4-1-4(D) of this schedule)              |                 | N/A | 250        | N/A   |
| 4  | Deferred submittal: truss shop drawings (cost added to base permit fee of project)                                                                           |                 | N/A | 100        | N/A   |
| 5  | Deferred submittal: other, with approval of the Building and Zoning Official (cost added to applicable plan review fee indicated elsewhere in this schedule) |                 | N/A | 250        | N/A   |
| 6  | Elevator or other conveyance                                                                                                                                 | each conveyance | N/A | 120        | N/A   |
| 7  | Expedited plan reviews, 1- and 2-family dwellings (additional cost for up to 5 business day turnaround time)                                                 |                 | N/A | 500        | N/A   |
| 8  | Expedited plan reviews, 1- and 2-family dwellings (additional cost for up to 3 business day turnaround time)                                                 |                 | N/A | 1,000      | N/A   |
| 9  | Expedited plan reviews, multi-family, mixed-use or commercial                                                                                                |                 | N/A | See Note 1 | 2,000 |
| 10 | Plan reviews performed by a consultant (see subsection 4-1-4(C)2(a) of this code)                                                                            |                 | N/A | See Note 1 | 2,000 |
| 11 | Plan review necessitated by drawing revisions after issuance of permit                                                                                       |                 | N/A | 75         | N/A   |
| 12 | Miscellaneous assemblies, equipment or structures reviewed by in-house staff                                                                                 | per hour        | N/A | 75         | N/A   |
| 13 | Tree preservation for single-family lot site improvements, grading or landscaping not associated with other permits                                          |                 | N/A | 250        | N/A   |

**J - Administrative Fees**

|    |                                                                                                              |                                                             |            |     |     |
|----|--------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------|------------|-----|-----|
| 1  | Appeal of administrative decision of the Planning and Development Director or the Building & Zoning Official |                                                             | 250        | N/A | N/A |
| 2  | Certificate of Occupancy, other than for new construction                                                    |                                                             | 100        | N/A | N/A |
| 3  | Permit extension (see subsection 4-1-4(G) of this code)                                                      | per month                                                   | 50         | N/A | N/A |
| 4  | Phased permit, foundation and underground utilities only permit, 1- and 2-family                             | fees in addition to scheduled building and plan review fees | 250        | 200 | N/A |
| 5  | Phased permit, foundation and underground utilities only permit, other than 1- and 2-family                  | fees in addition to scheduled building and plan review fees | 500        | 500 | N/A |
| 6  | Phased permit, building shell only                                                                           | fees in addition to scheduled building and plan review fees | 1,000      | 500 | N/A |
| 7  | Renewal of expired or suspended permit                                                                       |                                                             | See Note 8 | N/A | N/A |
| 8  | Renewal of expired permit application                                                                        |                                                             | 500        | N/A | N/A |
| 9  | Temporary Certificate of Occupancy or renewal thereof (see subsection 4-1-4(E) of this code)                 |                                                             | 450        | N/A | N/A |
| 10 | Waiver of code for special event (in accordance with sections 1-1-6 and 3-39-3 of this Code)                 |                                                             | 50         | N/A | N/A |
| 11 | Work exceeding scope of permitted work                                                                       | 300% of original permit fee, minimum                        | 500        | N/A | N/A |
| 12 | Work Started without Permit                                                                                  | 200% of original permit fee, minimum                        | 250        | N/A | N/A |



**K - Inspections**

|   |                                                                                 |     |     |     |
|---|---------------------------------------------------------------------------------|-----|-----|-----|
| 1 | Annual Fire Prevention Inspection:                                              |     |     |     |
|   | Group: Occupancy Use:                                                           |     |     |     |
|   | A-1 thru 5 Assembly                                                             | 150 | N/A | N/A |
|   | A-2 Assembly - Food/Drink Service Establishment, up to 1,000 square feet        | 75  | N/A | N/A |
|   | A-2 Assembly - Food/Drink Service Establishment, over 1,000 square feet         | 150 | N/A | N/A |
|   | A-2 Assembly - Food Service Establishment, commercial hood and duct             | 50  | N/A | N/A |
|   | B Business, up to 1,000 square feet                                             | 50  | N/A | N/A |
|   | B Business, over 1,000 square feet                                              | 75  | N/A | N/A |
|   | E Educational                                                                   | 100 | N/A | N/A |
|   | E Educational, day care facility                                                | 75  | N/A | N/A |
|   | F Factory                                                                       | 125 | N/A | N/A |
|   | H-1 thru 5 High-hazard                                                          | 125 | N/A | N/A |
|   | I-1 thru 4 Institutional                                                        | 150 | N/A | N/A |
|   | M Mercantile, up to 1,000 square feet                                           | 50  | N/A | N/A |
|   | M Mercantile over 1,000 sf up to 4,000 square feet                              | 75  | N/A | N/A |
|   | M Mercantile over 4,000 square feet                                             | 150 | N/A | N/A |
|   | R-1 Residential, transient                                                      | 150 | N/A | N/A |
|   | R-2 Residential, non-transient and multi-family building common areas           | 50  | N/A | N/A |
|   | R-3 Residential, non-transient (refer to Building Code for occupancy uses)      | 125 | N/A | N/A |
|   | R-4 Residential, non-transient (refer to Building Code for occupancy uses)      | 150 | N/A | N/A |
|   | S-1 Storage, moderate hazard                                                    | 75  | N/A | N/A |
|   | S-2 Storage, low hazard                                                         | 50  | N/A | N/A |
|   | U Utility and Miscellaneous                                                     | 50  | N/A | N/A |
| 2 | Change of occupancy inspection (new use or business)                            | 50  | N/A | N/A |
| 3 | Code compliance for 1-, 2- or 3-family dwellings, per request of owner or agent | 175 | N/A | N/A |
| 4 | Elevator or other conveyance:                                                   |     |     |     |
|   | • Annual inspection                                                             | 150 | N/A | N/A |
|   | • Annual no-load pressure test                                                  | 150 | N/A | N/A |
|   | • Five-year conveyance load test                                                | 350 | N/A | N/A |
|   | • Re-inspection fee                                                             | 75  | N/A | N/A |
| 5 | Re-inspection fee - Plumbing (after second inspection fails)                    | 100 | N/A | N/A |
| 6 | Re-inspection fee - Other than Plumbing (after second inspection fails)         | 100 | N/A | N/A |
| 7 | Water pressure test, single family residential                                  | 200 | N/A | N/A |

**L-- Contractor Registration (Section Deleted)**

|   |                                                                                                                                                                   |     |     |     |
|---|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----|-----|
| 1 | General contractor (12-month application or renewal)                                                                                                              | 400 | N/A | N/A |
| 2 | General contractor (24-month application or renewal)                                                                                                              | 400 | N/A | N/A |
| 3 | Independent contractor (12-month application or renewal)                                                                                                          | 50  | N/A | N/A |
| 4 | Independent contractor (24-month application or renewal)                                                                                                          | 95  | N/A | N/A |
| 5 | Reinstatement, for a suspended registration                                                                                                                       | 425 | N/A | N/A |
| 6 | Appeal, (denied application, renewal or suspended registration) plus reimbursement of fees agreement and escrow fund deposit (see section 4-1-11(f) of this code) | 250 | N/A | N/A |

**M - Business License/Registration**

|   |                                                |        |     |     |     |
|---|------------------------------------------------|--------|-----|-----|-----|
| 1 | New business                                   | annual | 100 | N/A | N/A |
| 2 | Change of address, remaining within Glen Ellyn | annual | 30  | N/A | N/A |
| 3 | Change of business ownership                   | annual | 30  | N/A | N/A |
| 4 | Change of business name                        | annual | 30  | N/A | N/A |

**N - Taxes, Demolition**

|   |                                                                                                                                                                                                                                         |     |     |     |
|---|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----|-----|
| 1 | Tax, demolition (applies to any project when over 50 percent of the exterior roof and wall area is structurally altered or when a building or structure, or part thereof, greater than 1,000 and up to 4,000 square feet is demolished) | 550 | N/A | N/A |
|---|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----|-----|

**O - Developer's Donation/Cash Contribution**

|   |                                                                                    |                          |     |     |
|---|------------------------------------------------------------------------------------|--------------------------|-----|-----|
| 1 | Fire Company: Single-family dwelling (attached or detached), per new dwelling unit | 1,500                    | N/A | N/A |
| 2 | Fire Company: Multi-family dwelling units, per new dwelling unit                   | 500                      | N/A | N/A |
| 3 | Fire Company: Congregate housing for the elderly, per new unit                     | 500                      | N/A | N/A |
| 4 | Butterfield Park District:                                                         | *Determined by Ordinance | *   | N/A |
| 5 | Glen Ellyn Library:                                                                | *Determined by Ordinance | *   | N/A |
| 6 | Glen Ellyn Park District:                                                          | *Determined by Ordinance | *   | N/A |
| 7 | Elementary School District 41:                                                     | *Determined by Ordinance | *   | N/A |
| 8 | Elementary School District 89:                                                     | *Determined by Ordinance | *   | N/A |
| 9 | High School District 87:                                                           | *Determined by Ordinance | *   | N/A |

**P - Zoning and Appearance Applications**

|    |                                                                                                                                                  |       |     |            |
|----|--------------------------------------------------------------------------------------------------------------------------------------------------|-------|-----|------------|
| 1  | Administrative zoning variation                                                                                                                  | 250   | N/A | N/A        |
| 2  | Annual outdoor beautification display                                                                                                            | 25    | N/A | N/A        |
| 3  | Appeals                                                                                                                                          | 700   | N/A | See Note 5 |
| 4  | Construction necessitated variations (see section 4-1-4(F) of this code)                                                                         | 1,100 | N/A | 2,000      |
| 5  | Exterior appearance review                                                                                                                       | 200   | N/A | N/A        |
| 6  | Live entertainment                                                                                                                               | 150   | N/A | N/A        |
| 7  | Planned unit development                                                                                                                         | 2,500 | N/A | See Note 5 |
| 8  | Planned unit development amendment                                                                                                               | 2,500 | N/A | See Note 5 |
| 9  | Planned unit development amendment - not requiring a public hearing                                                                              | 1,000 | N/A | N/A        |
| 10 | Planned unit development amendment:<br>where only previously approved signage is being amended regardless if a public hearing is required or not | 500   | N/A | See Note 5 |
| 11 | Pre-application meeting (see section 4-1-4(D) of this code)                                                                                      | 250   | N/A | See Note 5 |
| 12 | Sign variation                                                                                                                                   | 500   | N/A | See Note 5 |
| 13 | Special use                                                                                                                                      | 750   | N/A | See Note 5 |
| 14 | Special use amendment, not requiring a public hearing                                                                                            | 350   | N/A | N/A        |
| 15 | Special use, preexisting - Administrative approval                                                                                               | 350   | N/A | N/A        |
| 16 | Stormwater variation                                                                                                                             | 150   | N/A | See Note 5 |
| 17 | Zoning application plan review (after third review) increasing \$50.00 each additional review thereafter                                         | 100   | N/A | N/A        |
| 18 | Zoning map amendment                                                                                                                             | 500   | N/A | See Note 5 |
| 19 | Zoning text amendment                                                                                                                            | 500   | N/A | See Note 5 |
| 20 | Zoning variation                                                                                                                                 | 660   | N/A | See Note 5 |
| 21 | Zoning verification letter                                                                                                                       | 100   | N/A | N/A        |

**Q - Public Right-of-way**

|   |                                    |                                                      |     |     |     |
|---|------------------------------------|------------------------------------------------------|-----|-----|-----|
| 1 | License agreement, outdoor seating | annual                                               | 50  | N/A | N/A |
| 2 | License agreement, vendor cart     | annual                                               | 150 | N/A | N/A |
| 3 | Obstructions:                      |                                                      |     |     |     |
|   | • Parking stall                    | base fee, plus \$5.00 per stall, each additional day | 25  | N/A | N/A |
|   | • Sidewalk                         | base fee, plus \$5.00 each additional day            | 25  | N/A | N/A |
|   | • Street                           | per day                                              | 50  | N/A | N/A |
| 4 | Right-of-way vacation application  |                                                      | 300 | N/A | N/A |

**R - Annexation**

|   |                                 |          |       |     |     |
|---|---------------------------------|----------|-------|-----|-----|
| 1 | Single-family detached home     | 250      | N/A   | N/A |     |
| 2 | Non-Single-family detached home | per acre | 1,000 | N/A | N/A |

**S - Subdivision**

|   |                           |       |     |     |
|---|---------------------------|-------|-----|-----|
| 1 | Major, 5 or more lots     | 3,500 | N/A | N/A |
| 2 | Minor, 3 or 4 lots        | 1,400 | N/A | N/A |
| 3 | Two-lot subdivision       | 250   | N/A | N/A |
| 4 | Land transfer certificate | 250   | N/A | N/A |
| 5 | Lot consolidation         | 250   | N/A | N/A |

**T - Recapture**

|   |                                      |                      |        |     |     |
|---|--------------------------------------|----------------------|--------|-----|-----|
| 1 | Pay to Village - Transfer to builder | varies per ordinance | Varies | N/A | N/A |
| 2 | Pay to Village - Processing fee      |                      | 100    | N/A | N/A |

## 4-1-5. - General requirements.

The following general requirements shall apply to all property within the Village of Glen Ellyn Municipal limits in addition to the requirements in all adopted Building Codes and ordinances:

- (A) *Building permit required:* No demolition, relocation, site improvements, construction, alteration, addition, remodeling, restoration or repair work to any building or structure or associated site grading or improvements of any kind shall be undertaken until a building permit has been issued, and no change to the permitted work may be completed until revised submittal documents are approved by the Building Official, unless the work is exempt from a permit as specified in this Code.
- (B) *Building permit conditions:* No building permit shall be issued until all the following conditions are met:
  1. A building permit application is completed, submitted and certified by the permit applicant and the property owner with their dated signatures.
  2. All required building permit submittals have been received and reviewed for Code compliance by all applicable Village departments and governmental agencies with jurisdiction.
  3. All contractors who are required to comply with the contractor ~~registration~~ insurance requirements are listed on the permit application ~~and registered~~ or other form as required by the Community Development Department (see section 4-1-11 of this chapter).
  4. All applicable permit fees and taxes are paid in full and all required deposits are received.
  5. All actual expenses incurred by the Village for legal, engineering, plan review and inspection services required beyond the reasonable and customary permit fees, taxes and deposits assessed at the time a permit is issued are paid in full. This condition applies until such time as a certificate of occupancy has been issued for the subject property.
  6. All outstanding debts to the Village, related to the property, incurred by the current property occupant, owner or owner's agent who are individuals, partnerships, corporations, land trusts, or other business entities, are paid in full.
  7. The hard costs, as defined in this Code, for all remodeling work improvements are listed on the permit application, and upon request, sworn statements listing the hard cost from all contractors and suppliers is received and approved by the Building and Zoning Official.
- (C) *Deposits required:* Deposits shall be required, submitted and released in accordance with the following conditions:
  1. *Restoration deposit:* A refundable cash deposit is required for the items listed in subsection 4-1-4(C)1 of this chapter at the time a building permit is obtained for all new principal buildings, additions to existing buildings that increase the floor area over 75 percent, alterations to existing buildings that structurally alter over 50 percent of the exterior wall and roof area, demolition of any building or structure, or part thereof, with a gross floor area over 1,000 square feet or where otherwise required in this Code.
  2. *Demolition site restoration deposit:* The demolition site restoration deposit (subsection 4-1-4(C)1 of this chapter) may be credited toward the stormwater facilities/grading deposit if commencement of construction of a new structure is planned to occur within 90 days after completion of the demolition.
  3. *Special conditions deposit:* In the event a project is determined to have a significant impact on the public health, safety and welfare of the surrounding property, the Community Development Director may require an additional deposit to be posted by the applicant (subsection 4-1-4(C)1 of this chapter). Said deposit shall be for the purpose of completing any unfinished work or for the cost of any unforeseen expenses associated with the work which require immediate response when the applicant has not completed the work at the

request of the Village, or is unable to be contacted, or to return the site to a safe and clean condition. The special conditions deposit is not included within any deposit indicated in the schedule of fees and deposits.

4. *Deposit refund to depositor:* After all final inspections have been completed and approved, deposits shall be refunded to the depositor, less any fines or costs incurred by the Village for damages to public trees or other public property, in accordance with applicable rules, ordinances and regulations.
5. *Deposit release to Village:* Where the permitted work has not been completed in accordance with applicable rules, ordinances and regulations and the depositor has failed to complete the work, repair damages or obtain final approved inspections after due notice has been served and reasonable opportunity has been given to the depositor and permit applicant, the deposit shall be forfeited by the depositor and released to the Village. The Village may use the deposit, or award all or part of the deposit to others, to complete the work or repair damages. Any remaining deposit balance shall be refunded to the depositor.
6. *Deposit award to owner:* The property owner or any other person or entity with a possessory interest in a property may request the Village award them any released deposits for their use to complete the work, repair damages or restore the site. Such request shall include a written description of the work to be completed, a schedule and contractor proposals that include all applicable costs, submitted for review and approval by the Community Development Director. Upon the owner's scheduled completion of the work, proof of payment for the work, final approved inspections, and execution of an indemnity agreement with the Village, the owner will be awarded an amount of the released deposit up to the approved cost.

(D) *Permit suspension or revocation:*

1. A building permit shall be suspended and no work shall be performed upon receipt of an application request from the property owner or agent for a zoning variation or construction necessitated variation from the Glen Ellyn Zoning Code.
2. A building permit may be suspended or revoked if any one of the conditions required in subsection (B) of this section is not in compliance.

- (E) *Professional certification:* The construction documents required for a building permit shall be prepared and certified by an architect or structural engineer licensed in the State of Illinois, or prepared, reviewed and approved under his or her direction, and bear the seal and signature of the architect or engineer and a statement that the construction documents comply with all provisions of the adopted codes and ordinances of the Village of Glen Ellyn and all other applicable laws and regulations governing the design and engineering of the work. Such seal, signature and statement shall be affixed to every page or sheet of the submittal documents or affixed to a table of contents page or sheet indicating the certification applies to each document listed in the table of contents. Professional certification is required for all new buildings, structures and additions, and or all alteration and remodeling of existing buildings and structures that includes changes to the structural, fire protection, and life safety conditions as determined by the Building Official.

*Exception:* Professional certification shall not be required for new residential accessory buildings and structures or for alteration or remodeling of existing residential buildings provided the permit documents or construction plans include a complete description of the work and adequate structural and life safety information to verify Code compliance.

- (F) *Stormwater management:* All developments including the construction of new and the alteration of all existing buildings and structures and site improvements shall meet the following stormwater management requirements prior to the issue of a building permit:

1. *Special flood hazard areas:* All development in, or within a designated distance from, a special flood hazard area, including floodplains, wetlands, wetland buffers, and riparian environments, shall meet all requirements specified in chapter 7 of this Title.
  2. *Stormwater permit:* All developments that disturb over 1,500 square feet of ground cover, or a drainage easement, shall require the submittal and approval of a stormwater management permit in accordance with the DuPage County Countywide Stormwater and Floodplain Ordinance as amended and adopted by the Village of Glen Ellyn.
  3. *Drainage plan:* All developments that disturb between 300 square feet and 1,500 square feet of ground cover shall require the submittal and approval of a drainage plan indicating the direction of existing and proposed stormwater flow on the site and other information as necessary to verify compliance with the DuPage County Countywide Stormwater and Floodplain Ordinance as amended and adopted by the Village of Glen Ellyn.
- (G) *Tree preservation:* All work on public and private property must comply with the tree preservation requirements in title 8, chapter 4, "Forestry Management", and title 4, chapter 8, "Tree Preservation", of this Code.
- (H) *Construction hours:* Construction, demolition, excavation, grading, deliveries, hauling, loading, staging, operating portable engines and other construction related work activities on the site may only be completed between the hours of 7:00 a.m. to 7:00 p.m. Monday through Saturday and between the hours of 8:00 a.m. to 5:00 p.m. on Sundays, except in case of urgent necessity in the interest of public health and safety.
- (I) *Inspections:* All construction being performed pursuant to a building permit under the provisions of this Code may be inspected by the Building Official or his representative at any reasonable time and shall be subject to inspections in accordance with the adopted codes and the following requirements:
1. *Foundation survey:* The applicant shall submit a foundation location survey prepared by a registered surveyor upon completion of the foundation for all new buildings, additions or roofed over accessory structures that are located within two feet of the minimum required zoning setback, and no further work shall be done, other than installing drain tile and waterproofing the foundation, until the location survey and a backfill inspection have been approved.
  2. *Height certification:* The applicant shall submit a ridge and eave height certification prepared by a registered surveyor upon completion of the framework for all new principal buildings or additions that are constructed within two feet of the maximum permitted zoning heights, and no further work shall be done, other than rough electrical, mechanical, and plumbing work, until the ridge and eave height certification has been approved.
- (J) *Penalty:* Any person, firm or corporation violating any provision of this Code or other provisions of the Building Code of the Village of Glen Ellyn shall be guilty of a business offense punishable by a fine of not less than \$50.00 nor more than \$750.00 for each offense. Each day that a violation continues shall constitute a separate offense.

(Ord. 5996, 1-30-2012; Ord. 6603, 5-29-2018; Ord. 6674, 2-25-2019)

4-1-11. - Contractor registration required **insurance and license requirements.**

It shall be unlawful for any contractor to perform construction or demolition work within the Village of Glen Ellyn that requires a building permit unless the contractor ~~holds a current valid contractor registration~~ **has a certificate of insurance or professional license; as required under this chapter, on file with the Community Development Department.**

~~(A) Application for contractor registration: Application for contractor registration shall be made to the Director of Community Development, on such forms that are provided including an application, documents that include all required information, applicant's signature, submittal date and payment of applicable fees.~~

~~(B)~~ **(A)** *Contractor classifications:* A "contractor" is any person, partnership, corporation or other business entity engaged in the business of constructing, altering, repairing or demolishing buildings, structures, utilities, site improvements or topography. Contractor classifications are based on the work they perform and the contractual relationships established as follows:

1. A "general contractor" is a contractor who employs or manages the work of one or more independent contractors. A general contractor may also be the developer, builder, construction manager or property owner.
2. An "independent contractor" is a contractor who only manages his own work or the work of his own employees and performs one trade or craft. Independent contractors are generally contracted by a property owner, owner's agent or building occupant or subcontracted by a general contractor.
3. A "public utility contractor" is a contractor completing public improvement work in the rights-of-way under agreements and licenses with the Village of Glen Ellyn and managed by the public works department.
4. A "subcontractor" is any contractor working under a contract agreement with a general contractor.

~~(C)~~ **(B)** Contractor registration **insurance** exemptions:

- ~~1. An independent contractor is exempt from the contractor registration requirements of this section when all of the following conditions are met:~~
  - ~~(a) The independent contractor is not required to hold a professional license issued by the State of Illinois or Illinois Municipality to perform their work.~~
  - ~~(b) The independent contractor is subcontracted by the general contractor to perform work under the same building permit for which the general contractor is the building permit applicant.~~
  - ~~(c) The independent contractor has been listed on the building permit application as a contractor working under subcontract to the general contractor.~~
- ~~2.~~ **1.** A property owner who hires contractors to work on their property, or personally works on their property, is exempt from the contractor registration **insurance** requirements provided the property owner is not also a general contractor. However, all contractors working on the property must meet the contractor registration **insurance** requirements.
- ~~3.~~ **2.** A public utility contractor is exempt from the contractor registration **insurance** requirements of this section for all work completed in the rights-of-way.
- ~~4.~~ **3.** Any person providing design, engineering or testing services, furnishing materials and equipment, completing cleaning and maintenance work or performing any activity for which a building permit is not required is exempt from the contractor registration **insurance** requirements.

5. ~~A licensed electrical contractor is exempt from the requirement to pay a contractor registration fee as provided under Illinois state statutes.~~
6. ~~4.~~ A licensed contractor is exempt from the requirement to provide a surety bond and/or certificate of insurance provided a surety bond and/or certificate of insurance is a licensing requirement under Illinois state statutes.

~~(D)~~ **(C)** *Application documents:*

1. **Licensed Contractors** must possess and submit, with each application for building permit, a copy of their current professional license issued by the State of Illinois, Illinois Municipality or other entity authorized to issue such license. This includes contractors performing electrical, plumbing, irrigation, roofing, fire sprinkler, elevator/conveyance equipment work or other construction work that requires a State of Illinois license.
2. ~~Contractors must possess and submit a surety bond issued by a company approved and authorized to issue bonds by the State of Illinois. The surety bond shall assure that the contractor's work will be completed in accordance with the requirements of the building permit and this Code. The surety bond shall be in the minimum amount of \$20,000.00 and list the Village of Glen Ellyn and third party beneficiaries as the obligees. Contractors completing stormwater work under a stormwater permit are exempt from the requirement to provide a security bond under this section.~~
3. ~~2.~~ Contractors must possess and submit, with each application for building permit, a valid certificate of insurance issued by a company approved and authorized to issue insurance by the State of Illinois. The certificate of insurance shall list the Village of Glen Ellyn as an additional insured and include the following insurance in the minimum amounts indicated:
  - (a) General contractor:
 

General liability each occurrence ..... \$1,000,000.00

General liability each person ..... 100,000.00

Property damage ..... 10,000.00

Workers' compensation ..... As required by law
  - (b) Independent contractor:
 

General liability each occurrence ..... \$500,000.00

General liability each person ..... 100,000.00

Property damage ..... 10,000.00

Workers' compensation ..... As required by law
4. ~~3.~~ Contractors must submit a notarized affidavit stating that they have no employees if the certificate of insurance excludes workers' compensation.

~~(E)~~ **(D)** *Processing of applications-information:* ~~Applications Information~~ received by the Director of Community Development shall be examined for complete and accurate information. The Director shall have the authority to require the applicant to submit supplemental evidence to confirm the ~~application information, or respond to any objection to the issuance, renewal or reinstatement of the contractor's registration. Contractor registration applications shall be granted or denied by the Director by written notice within 30 days of receipt of all required application documents.~~

~~(F)~~ *Term of contractor registration:* Contractor registration shall be valid through a 12 or 24-month registration term as selected by the applicant provided that the required contractor license,

~~surety bond and certificate of insurance have not expired or been suspended or terminated by the issuing authority.~~

- (G) ~~(E)~~ **Renewal of contractor registration information:** Contractor registration may **insurance and license information shall** be renewed **for all projects that have not passed final inspections** during the registration term **listed on the certificate of insurance or professional license.** **These documents shall be renewed by submission of same, with active term periods indicated on the documents, to the Community Development Department,** or after the registration term by submittal of a new application, current application documents and payment of the renewal fee. **Failure to renew expired documents prior to their expiration date may result in the issuance of a Stop Work Order or other enforcement actions.**
- (H) ~~(F)~~ **Suspension of contractor registration activities:** Contractor registration is immediately suspended upon the expiration, revocation or termination of any required contractor license, surety bond or certificate of insurance during the registration term. The contractor is prohibited from performing any work during the period in which the contractor's registration is suspended **certificate of insurance or professional license is not valid.** No notice shall be issued to the contractor prior to suspension. A written notice of suspension and a ~~s~~**Stop w**~~ork o~~**Order** shall **may** be issued, **and other enforcement action may be taken, without prior notice,** to the contractor on or after the suspension **expiration** date **of a certificate of insurance or professional license.** A suspended registration may be reinstated by the Director upon submittal of a new application, current application documents and payment of the reinstatement fee.
- (I) ~~(G)~~ **Denial of a contractor registration building permit application, renewal or reinstatement:** Contractor registration **Building permit** applications, renewals and reinstatements may be granted or denied by the Director by written notice within 30 days of the submittal date. Applications, renewals and reinstatements will be denied for failure to submit the required application **insurance or license** documents, **or** submitting false information ~~or failure to pay the application, renewal or reinstatement fee.~~
- (J) ~~(H)~~ **Appeal of a denied application, or renewal or a suspended contractor registration reinstatement:** All appeals from the decisions of the Director of Community Development must be filed with the Community Development Department within 30 days after the contractor's receipt of the written notice. The appeal must include a petition submitted by the contractor describing the basis upon which the appeal is founded and payment of an administrative appeal fee. The Director of Community Development shall transmit the appeal to the Building Board of Appeals for a public hearing. The board shall review evidence and hear testimony relevant to the appeal and reach a decision. The decision of the board shall be the final administrative decision.
- (K) ~~(I)~~ **Enforcement:** No building permit shall be issued for any work if the permit applicant or the contractors listed on the permit application are not in compliance with this section. Contractors shall provide personal identification and identify their employers to the Building Inspector or other authorized Village official on the work site to verify compliance with these contractor ~~registration~~ **insurance or license** requirements. A contractor performing work in violation of this section may be served with a citation and a stop work order may be issued and the building permit may be suspended or revoked by the Building Official.
- (L) ~~(J)~~ **Penalty:** Any persons violating the provision of this section shall be fined not less than \$150.00 nor more than \$750.00 for each offense and a separate offense shall be deemed committed each day during or on which a violation occurs or continues.

(Ord. 5854, 3-8-2010, eff. 3-15-2010; Ord. 6674, 2-25-2019)



## 4-8-3. - General regulations; private property involving development.

- (A) *Tree preservation plan required:* Development on private property shall require the filing of a tree preservation plan along with other permit application materials required by this section upon application for a building permit.

Trees which the owner designates on the plan as being susceptible to potential damage due to their location or condition may be designated as impacted trees. After the initial tree protection fencing or other protective methods have been put in place these impacted trees shall not be subject to additional regulation provided the required tree fencing or other protective methods are maintained. The Village forester, or his/her designee, may suggest that trees on the property not shown as impacted or protected trees should be shown as being in those categories, but the final decision shall rest with the applicant.

All work to preserve protected, adjacent, significant, and impacted trees shall be according to the "Arboricultural Specifications Manual". The tree survey shall be drawn to a scale not less than one inch to 20 feet so that the location of each tree required to be shown on the plan can be identified. The tree preservation plan shall include the following:

1. A "tree survey" as defined above. The Village forester, or his/her designee, may exclude the tree survey requirement on those portions of the site which he/she determines will not be affected by the development activity. The survey may be prepared by a registered land surveyor or certified arborist or may be prepared by or under the direction of the owner if it accurately reflects all required tree information. The Village forester or his/her designee shall, if requested, assist without charge in the identification and size of tree species on those properties that do not require an ISA certified arborist review and approval.
  2. The name and contact information of the parties responsible for the construction, erection, and maintenance of temporary fencing or other physical barrier around protected trees.
  3. The location, shape, and spatial arrangement of all existing and proposed buildings, walls, improvements, and structures and the excavation limits required to construct proposed improvements.
  4. The location, shape and spatial arrangement of all permanent driveways and parking areas and temporary material storage sites and accessways.
  5. All existing or new utility services including water, sanitary sewer, storm sewer, gas, electric, telephone, and cable TV.
  6. The Village forester, or his/her designee, may expand or partially retract the critical root zone depending on the tree species and site specific situations so as to improve the chances that trees will not be damaged during construction and to permit construction to take place. In such cases, the Village forester, or his/her designee, may request additional precautions in order to preserve the health of trees.
  7. Existing and proposed grading of the development area showing elevations with contour lines at one foot intervals if a grading plan is required by some other provision of this Code.
  8. A tree preservation plan for a new home shall be reviewed and approved by a certified arborist for the purpose of evaluating the protective measures proposed on the plan.
- (B) *Building permit required:* No building permit shall be issued for development until the tree preservation plan has been approved by the Village Board (for planned unit developments or subdivisions) or the Village forester or his/her designee. In reviewing the tree preservation plan, the Village forester, or his/her designee, can offer advice and suggest modifications which will better protect existing trees, but the tree preservation plan shall be approved if it otherwise is in conformity with Village ordinances. The Village shall process the tree preservation plan in no more time than shall be needed to process a building permit unless the application does not fulfill the requirements of this chapter. Appeals regarding the tree preservation plan or a decision of the Village forester shall

be first submitted to the Public Works Director. A subsequent appeal shall be submitted to the Village Manager. The following steps shall be followed to assure conformance to the approved tree preservation plan and the tree protection requirements in the "Arboricultural Specifications Manual" prior to the issuance of a building permit.

1. Tree preservation fencing must be installed and inspected for all protected, significant, impacted, border, public, and adjacent property trees prior to the issuance of a building permit. Tree preservation measures must be installed per the approved tree preservation plan and remain in place during the entire construction period. Fencing shall not be removed or relocated unless authorized in writing.
  2. For a new principal structure an approved tree preservation plan shall be posted on the building site within five feet of the front property line before a building permit is issued and shall remain in place throughout the entirety of the construction of the project. This sign must be posted as shown in the "Arboricultural Specifications Manual". The permit applicant shall be responsible for notifying all other contractors working on the property of the tree preservation plan.
  3. The applicant shall notify all adjacent property owners of the proposed construction project and that a tree preservation plan has been prepared and is available for review at the Community Development Department of the Village of Glen Ellyn. A copy of such notification along with a list of addresses it was delivered to must be submitted to the Community Development Department prior to the issuance of a building permit.
- (C) *Precautions during construction:* During construction, all reasonable steps necessary to prevent the destruction or damaging of protected trees shall be taken, including, but not limited to, the following:
1. No construction activity, movement, and/or placement of equipment or material or spoils storage shall be permitted within the critical root zone of any protected tree or significant tree on the tree preservation plan unless shown on the approved tree preservation plan. No excess soil, additional fill, liquids, or construction debris shall be placed within the critical root zone of any protected tree or significant tree.
  2. Per the "Arboricultural Specifications Manual", appropriate protective fencing shall be installed and maintained for the protection of protected, adjacent property, significant, and impacted trees.
  3. No attachments, fences, or wires, other than those approved for bracing, guying, or wrapping, shall be attached to protected trees or significant trees during the construction period.
  4. Branch pruning, root feeding, and root pruning of protected trees, significant trees, and adjacent property trees directly affected by construction shall be conducted by the property owner if suggested by the Village forester, or his/her designee, and must be completed following the "Arboricultural Specifications Manual". On-site inspections must be scheduled with the Village forester or his/her designee to ensure this requirement is met.
  5. Unless otherwise shown on the approved tree preservation plan, no soil is to be added to or removed from within the critical root zone of any protected, significant, or adjacent property tree that is to remain, unless shown on the approved tree preservation plan.
  6. Regulated public utilities, to the extent permitted by law, shall be responsible for adhering to said tree preservation plan during installation of necessary utility service lines. A property owner or contractor shall not be responsible for damages caused by the action of a public utility unless that person directed the location and manner of work of the utility.
- (D) *Fee schedule for tree preservation plan review:*
1. Plan review fee for single-family lots. For projects where more than one of the projects listed below occurs, the higher fee shall apply.  
Unit cost for each:
    - a. Garage/pool/other: ..... \$250.00

- b. Addition: ..... 250.00
  - c. Demolition/new house: ..... 330.00
  - d. New house: ..... 330.00
  - e. Site improvements/grading/landscaping: ..... 250.00
  - f. Work in public right-of-way: ..... 330.00
2. Plan review fee for subdivisions, special use projects, and planned unit developments or lots with any use other than single-family residences:
    - a. Cost to review documents submitted in compliance with tree preservation ordinance: ..... \$100.00 per hour by consultant.
  3. Fees for additional field inspections and violations:
    - a. Field inspection responding to complaint (verified violation): ..... \$100.00
    - b. Tree fence violation: ..... 100.00
- (E) *Work must be according to approved tree preservation plan:* It shall be unlawful for any person, firm, or a corporation to fail to abide by the terms of any tree preservation plan pursuant to which a building permit has been issued, including all regulated public utilities.
- (F) *Stop work order authorized for noncompliance with tree preservation plan:* If the Village forester, or his/her designee, or a Building Inspector observes the precautions specified in the tree preservation plan were not undertaken before construction commenced or not maintained during construction, a stop work order may be issued. The stop work order shall remain in place until the permittee complies with the approved tree preservation plan and/or corrects the issues stated in the stop work order.
- (G) *Amendment to tree preservation plan and removal of protected trees:* An application can be made to the Village forester to amend a tree preservation plan. No amendment shall be permitted where the provisions of the approved plan have not been followed. An application shall be approved where changed facts and circumstances not within the control of the applicant create an undue hardship in complying with the plan. Where a protected tree has been damaged such that its removal is required, the forester shall approve its removal after adequately documenting any violations of this chapter which have caused or contributed to the removal of a protected tree.
- ~~(H) *Tree contractor registration:* Any person, firm, or corporation which is employed to prune or remove any public tree, protected tree, or significant tree shall be required to register with the public works department. There shall be no charge for registration, but the registration form shall include information regarding at least the name, address and telephone number of the contractor, and the number of years the contractor has been in business. Registration forms will be filed on or before May 1 of each year and shall be annually updated if listed information should change. A registered contractor shall report to the Village any tree removed within seven days after the removal. This report shall contain the address of the lot from which the tree was removed, the reason for removal, the species, and dbh.~~

(Ord. 5961, 9-26-2011; Ord. 6075, 9-24-2012; Ord. 6603, 5-29-2018; Ord. 6674, 2-25-2019)

~~8-4-4. Registered tree contractor.~~

~~Any person, firm, or corporation which is employed to prune or remove any public tree, protected tree, or significant tree shall be required to register with the Public Works Department. There shall be no charge for the registration, but the registration form shall include information regarding at least the name, address and telephone number of the contractor, and the number of years the contractor has been in business. Registration forms will be filed on or before May 1 of each year and shall be annually updated if listed information should change.~~

~~A registered contractor shall report to the Village any tree removed within seven days after the removal. This report shall contain the address of the lot from which the tree was removed, the reason for removal, the species, and dbh.~~

~~It shall be a violation of the ordinances of the Village for any person, firm, or corporation to perform the aforesaid work within the Village without having filed a registration form either initially or on an annual basis or having failed to disclose full and accurate information required on that registration form. In addition to instituting an action to seek fines for the failure to register or providing inaccurate information in the registration forms, the Village President may suspend or revoke the registration if a tree contractor fails to comply with the requirements of the Village ordinances.~~

~~A suspension or revocation shall only take place after the Village President has held a hearing upon not less than five days' written notice. The tree contractor shall be provided with a written statement of the provisions of the Village ordinances which the tree contractor is alleged to have violated. At such hearing, the tree contractor shall be entitled to be represented by counsel who shall be permitted to present witnesses and cross-examine any other witnesses that appear at the hearing. A suspension may be for a period of up to six months; a revocation shall be for a period of two years. It shall be a violation of this chapter for any registered tree contractor to employ within the Village a person who was employed by a tree contractor whose permit was suspended or revoked during the period of the suspension or revocation.~~

~~(Ord. 5962, 9-26-2011)~~

## 8-4-5. - General regulations; public property.

- (A) *Work on public trees:* Work on public trees may only be carried on by a ~~registered~~ tree contractor ~~with a valid current registration selected or approved by the Village Forester, or his/her designee, and issued a permit to carry out such work.~~ This provision shall not prohibit owners of property adjacent to Village owned property from watering or fertilizing any tree, shrub, or other plant on Village owned property.
- (B) *Damage to trees, shrubs, or other plants prohibited:* It shall be unlawful for any person to injure, prune, remove, destroy, attach any rope, wire, nail, or other contrivance; place any compacted stone, cement, or other impervious matter or substance as may obstruct the free access of air and water to the roots (i.e., landscape fabric), improper mulching techniques (volcano mulching); or remove any device set for the protection of any tree, shrub, or other plants on Village owned property without approval from the Village Forester or his/her designee.
- (C) *Care of public property when working on private property:* It shall be unlawful for the person working on private or public property to leave any public tree that may be affected by building, structure, or other work without proper tree preservation methods as stated by the Village Forester or his/her designee per the "Arboricultural Specifications Manual".
- (D) *Work standards on public trees must be followed:* Work done on public trees shall follow the standards outlined in the "Arboricultural Specifications Manual". A copy of the "Arboricultural Specifications Manual" is on file and may be reviewed at the office of the Village Forester, viewed on our website, or may be purchased at the Civic Center.
- (E) *Damage to public trees causing removal (payment or replacement):* Any person that damages a public tree so severely that the public tree dies or requires removal shall compensate the Village for the loss of the public tree. The amount paid shall be based on the following schedule:
1. If the damaged public tree is less than eight inches in diameter (measured at 12 inches above ground level), the amount paid shall be determined by using the replacement cost method of evaluating trees found in the latest edition of the Council of Tree and Landscape Appraisers guide (CTLA) for plant appraisal, which guide is adopted by reference by the Village as if it were a part of this chapter.
  2. For public trees larger than an eight inch trunk diameter, the amount paid shall be determined by using the trunk formula method of evaluating trees found in the latest edition of CTLA's guide.
  3. Added to the costs established under subsections (E)1. and (E)2. of this section shall be the cost of the removal and stump grinding of the public tree.
  4. In addition to the prosecution for a business offense, in accordance with subsection (F) of this section, the Village may seek to recover the cost of the damaged public tree, in the amount computed under subsections (E)1., (E)2. and (E)3. of this section, through a civil action.
- (F) *Damage to public trees causing removal (civil fine):* Any person that damages a public tree so severely that the public tree dies or requires removal shall be guilty of a business offense and, upon a conviction thereof, shall pay a fine which shall not be less than \$1,000.00 nor more than that established under the formula set out in subsections (E)1. and (E)2. of this section, and in addition to the cost of the removal of the tree.
- (G) *Injury to public trees not requiring removal (payment):* Any person that causes injury to a public tree that requires treatment may avoid a civil fine by paying the actual cost to treat the tree.
- (H) *Injury to public trees not requiring removal (civil fine):* Any person that causes injury to a public tree so that the tree requires treatment shall be guilty of a business offense.

The fine upon conviction shall be equal to the actual cost incurred by the Village in treating the tree for the injury.

- (l) *Time for bringing an action and damage or injury:* The Village shall not prosecute any person for causing damage or injury to public trees when the action of such person was limited to lawn mowing using a nonriding lawn mower or a "weed whacker" unless the person was notified of the problem and continued to cause damage to the tree. Nor shall a person be liable for fines or reimbursement when damage is done by regulated public utility unless that person has specifically directed the location and manner of work performed by the utility which caused the damage, however the person that has specifically caused damaged will be liable. Any action by the Village seeking fines or reimbursements for costs relating to damage or injury to public trees must be commenced within three years of the date of the refund of deposit.

(Ord. 5962, 9-26-2011)

## 8-4-7. - Permits required.

- (A) *Permits required to do work on public trees:* Except for work performed by an employee or independent contractor of the Village, none of the following acts relating to public trees may be carried out except by a ~~registered~~ tree contractor who has first secured a written permit from the Village Forester, or his/her designee. The Village shall determine those ~~registered~~ tree contractors who shall be allowed to perform work on public trees. No person except the Village Forester, an agent of the Village Forester, or a contractor hired by the Village under the supervision of the Village Forester may do any of the following acts related to public trees without first securing a written permit from the Village Forester, or his/her designee:
1. Plant, transplant, treat, prune, or remove any public tree (excludes watering and fertilization).
  2. Place in a public right-of-way, either above or below ground level, a container for trees, shrubs, or other plants.
- (B) *Permits required to do tunneling or excavation near public trees:* Except for work performed by an employee or an independent contractor of the Village, none of the following acts relating to public trees may be carried out except by a person, including a regulated public utility, who has first secured a written permit from the Village Forester: dig a tunnel, trench, or other excavation; install a driveway approach; plant within the critical root zone for flower boxes, etc.; or rototill or dig within the critical root zone of any public tree.
- (C) *Permit:* Applications for permits must be made at the office of the Building and Zoning Official not less than ten working days before the time the work is to be done. Notice of completion of the work authorized by the permit shall be given within five days to the Village Forester for inspection. The issue of the permit and the inspection shall be accomplished within a reasonable period of time provided, however, that the work may not be performed without the issuance of a permit.

The Village may also require a permit in situations where development will take place in such a manner as to cause stress to public trees even if no removal is contemplated.

This permit shall not be construed to exempt any person from the requirements of obtaining additional permits required by law.

If the request includes removal of a public tree where the Village consents to the removal where another access to the public right-of-way could have been reasonably provided, a fee reflecting the value of the tree, plus the cost of removal of tree and stump, shall be paid to the Village before the issuance of any permit. The fee shall be calculated according to subsection 8-4-5(E) of this chapter. If the request includes removal of a public tree where no other access to the property was available, a fee reflecting the cost of removal of tree and stump and all costs associated with the purchase and planting of a four inch tree and a one year guarantee shall be paid to the Village before the issuance of any permit. Tree removal shall be done by a contractor hired by the Village of Glen Ellyn.

(Ord. 5962, 9-26-2011)

## Attachment - C

| <b>Village of Glen Ellyn - Contractor Registration Requirements</b> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|---------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Contractor Type and Fee</b>                                      | <b>Registration Submittal Requirements</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>GENERAL CONTRACTOR</b><br><br><b>ANNUAL FEE = \$100.00</b>       | <ul style="list-style-type: none"> <li>• VGE Contractor Application</li> <li>• Insurance Certificate – Village named as additional insured               <ul style="list-style-type: none"> <li>○ General liability each occurrence \$500,000/each person \$100,000</li> <li>○ Property damage \$10,000</li> <li>○ Worker's compensation as required by law (If no employees, letter on company letterhead stating no employees)</li> </ul> </li> <li>• Surety Bond \$20,000</li> </ul>                                                   |
| <b>INDEPENDENT CONTRACTOR</b><br><br><b>ANNUAL FEE = \$50.00</b>    | <ul style="list-style-type: none"> <li>• VGE Contractor Application</li> <li>• Insurance Certificate – Village named as additional insured               <ul style="list-style-type: none"> <li>○ General liability each occurrence \$500,000/each person \$100,000</li> <li>○ Property damage \$10,000</li> <li>○ Worker's compensation as required by law (If no employees, letter on company letterhead stating no employees)</li> </ul> </li> <li>• Surety Bond \$20,000</li> </ul>                                                   |
| <b>Boiler and Pressure Vessel</b><br><b>NO FEE</b>                  | <ul style="list-style-type: none"> <li>• VGE Contractor Application</li> <li>• Illinois License</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Electrical contractor</b><br><b>NO FEE</b>                       | <ul style="list-style-type: none"> <li>• VGE Contractor Application</li> <li>• Illinois Municipal Electrician License</li> <li>• Insurance Certificate – Village named as additional insured               <ul style="list-style-type: none"> <li>○ General liability each occurrence \$500,000/each person \$100,000</li> <li>○ Property damage \$10,000</li> <li>○ Worker's compensation as required by law (If no employees, letter on company letterhead stating no employees)</li> </ul> </li> <li>• Surety Bond \$20,000</li> </ul> |
| <b>Elevator Contractor</b><br><b>NO FEE</b>                         | <ul style="list-style-type: none"> <li>• VGE Contractor Application</li> <li>• Illinois Elevator Contractor License</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Fire alarm contractor</b><br><b>NO FEE</b>                       | <ul style="list-style-type: none"> <li>• VGE Contractor Application</li> <li>• Illinois Fire Alarm License</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Fire sprinkler contractor</b><br><b>NO FEE</b>                   | <ul style="list-style-type: none"> <li>• VGE Contractor Application</li> <li>• Illinois Fire Sprinkler License</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Irrigation contractor</b><br><b>NO FEE</b>                       | <ul style="list-style-type: none"> <li>• VGE Contractor Application</li> <li>• Illinois Irrigation (060) or Illinois Plumbing Contractor (055) License</li> </ul>                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Plumbing contractor</b><br><b>NO FEE</b>                         | <ul style="list-style-type: none"> <li>• VGE Contractor Application</li> <li>• Illinois Plumbing Contractor (055) License</li> <li>• Letter of Intent (For individual permits – not required for registration)</li> </ul>                                                                                                                                                                                                                                                                                                                 |
| <b>Radon contractor</b><br><b>NO FEE</b>                            | <ul style="list-style-type: none"> <li>• VGE Contractor Application</li> <li>• Illinois Radon Mitigation License</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Roofing contractor</b><br><b>NO FEE</b>                          | <ul style="list-style-type: none"> <li>• VGE Contractor Application</li> <li>• Illinois Roofing License</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Underground Storage Tank contractor</b><br><b>NO FEE</b>         | <ul style="list-style-type: none"> <li>• VGE Contractor Application</li> <li>• Illinois License (B or AB)</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                      |

021218



## ATTACHMENT - D

### Changes to Contractor Registration Program

Changes are indicated in bold italic text below

#### General Contractors:

- ***Will no longer pay a registration fee***
- ***Will no longer be required to submit a surety bond***
- Must submit a Certificate of Insurance in the amounts shown under Municipal Code Section 4-1-11.C ***with each application for building permit; staff will verify policy dates***

#### Subcontractors:

- ***Will no longer pay a registration fee***
- ***Will no longer be required to submit a surety bond***
- Must submit a Certificate of Insurance in the amounts shown under Municipal Code Section 4-1-11.C ***with each application for building permit; staff will verify policy dates***
- Must be listed on the Contractor Listing sheet

#### Independent Contractors:

- ***Will no longer pay a registration fee***
- ***Will no longer be required to submit a surety bond***
- Must submit a Certificate of Insurance in the amounts shown under Municipal Code Section 4-1-11.C ***with each application for building permit; staff will verify policy dates***

#### State/Municipal Licensed Contractors:

- No registration fee required
- No surety bond required if required for State/Municipal licensing
- No Certificate of Insurance required if required for State/Municipal licensing
- ***Must submit a copy of their current State/Municipal License with each application for building permit; staff will review the license for the expiration date***

#### Public Utility Contractor: (no changes)

- Exempt from the contractor insurance and license requirements for all work performed in the public right-of-way

#### Property Owners: (no changes)

- No change, they remain exempt from contractor insurance requirements if coordinating the work on their own property
- Must register as a General Contractor if they are also a General Contractor

#### Notes:

1. Contractors completing stormwater work under a stormwater permit are exempt from the requirement to provide a surety bond.
2. A person providing design, engineering or testing services, furnishing materials and equipment, completing cleaning and maintenances work or performing any activity for which a building permit is not required is exempt from the contractor insurance requirements.
3. Department's maintaining active files on each contractor will be eliminated.
4. No permits shall be issued until such time as all contractor licenses and Certificates of Insurance are submitted.



Glen Ellyn Village Board  
535 Duane Street  
Glen Ellyn, IL 60137

Meeting: 01/27/20 07:00 PM  
Department: Community Development  
Department Head: Staci Springer  
Category: Ordinance  
Prepared By: Katie Ashbaugh

SCHEDULED

ORDINANCE 6761

DOC ID: 4327

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## **Ordinance No. 6761-VC, An Ordinance Approving a Text Amendment to the Glen Ellyn Zoning Code to Regulate Tobacco, Vape, and Smoke Shops**

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### **Background**

Village regulations currently allow tobacco shops in the C5A and C5B zoning districts. Vape shops are lumped in with other “commodities sales” which are permitted in the C2, C3 and C6 zoning districts. Neither use is currently defined in Zoning Code. Recently, Village staff have received resident complaints regarding a vape store that opened in the Stacy’s Corners area near the Forest Glen Elementary School. Staff was asked to prepare text amendments to the Zoning Code that would clearly define tobacco, vape and smoke shops and would require any new tobacco and vape shops to receive a special use permit in order to locate in any of the commercial districts within the Village. By requiring a special use permit, the Village would have the ability to evaluate the impact of tobacco, vape and smoke shops on a case-by-case basis. At the November 14, 2019 meeting of the Plan Commission, staff presented these text amendments along with a number of other proposed amendments to the Zoning Code.

At the November 14, 2019 meeting, the Plan Commission expressed concerns regarding the proposed changes to the Code to require tobacco, vape and smoke shops to get a special use permit and asked staff for more information on how other communities regulate these types of uses. They also requested a legal opinion relating to the Village’s ability to require a special use permit (see attached minutes). In response to the Commission’s concerns, staff prepared additional research, obtained a legal opinion and returned for a second public hearing on the topic on January 9, 2020.

At the January 9, 2020 Plan Commission meeting, Staff presented a survey of 8 peer communities which showed that all of the communities allow tobacco stores by-right in at least one commercial zoning district. None of the peer communities regulate tobacco and vape shops through a special use permitting process. Surveyed communities included: Lombard, Wheaton, Clarendon Hills, Elmhurst, Hinsdale, Naperville, LaGrange and Geneva.

Staff also obtained and presented the legal opinion from Village counsel (memo attached). As indicated in the memo, counsel believes that the Village has the authority to regulate retail tobacco and vaping shops as special uses and to evaluate their impacts on surrounding properties consistent with the special use standards in Section 10-10-14(E) of the Zoning Code (attached). Staff further noted that the Village has made such changes to its zoning regulations in the past to limit certain uses by requiring a special use permit (i.e., nail salons and banks in the C5A district).

Staff suggested, in light of the new information obtained through the community survey and the opinion of our legal counsel, that it could be appropriate to regulate the location of vape and

tobacco shops either through the special use process or by narrowing down what zoning district(s) would be most suitable to allow them as a permitted use. Staff prepared text amendments for both options for the Plan Commission to consider. Since the text amendments were originally brought forward to address resident concerns related to a vape and tobacco shop opening near a school, staff also provided a map showing a 1,500 foot buffer area around all primary and high schools (attached). The buffer map showed that there are no schools within 1,500 feet of the C3 commercial zoning district.

One member of the public spoke on the topic in support of requiring a special use permit for tobacco, vape and smoke shops and expressed concerns that allowing them by-right in the C3 commercial district would protect schools, but not other sensitive uses such as day cares.

#### **Plan Commission Recommendation**

Following discussion and deliberation, the Plan Commission recommended approval of the proposed text amendments to allow tobacco, vape and smoke shops as a permitted use only in the C3 Service Commercial zoning district by a vote of (9) “yes” and zero (0) “no”.

#### **Village Board Action**

The Village Board may approve, approve with changes, or deny the proposed text amendments to the Zoning Code. An ordinance approving the proposed amendments in accordance with the Plan Commission’s recommendation has been prepared for consideration at the January 27, 2020 Village Board meeting.

#### **Attachments**

- Exhibit “A” - Plan Commission Meeting Minutes, November 14, 2019
- Exhibit “B” - Draft Plan Commission Meeting Minutes, January 9, 2020
- Ancel Glink - Legal Opinion Memo
- Village Code Section 10-10-14 (E) and (F) on special use standards
- Buffer Map - 1,500 feet from schools
- Exhibit “C” - Proposed ZTA to allow Tobacco, Vape and Smoke Shops by-right only in the C3 District

Ordinance 6761

Meeting of January 27, 2020



**Village of Glen Ellyn**

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**Ordinance No. 6761-VC**

**An Ordinance Approving a Text Amendment  
to the Glen Ellyn Zoning Code to Regulate Tobacco,  
Vape, and Smoke Shops**

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**Adopted by the  
President and the Board of Trustees  
Of the Village of Glen Ellyn  
DuPage County, Illinois  
This \_\_\_\_\_ Day of \_\_\_\_\_, 20\_\_.**

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Published in pamphlet form by the authority  
of the President and Board of Trustees of the  
Village of Glen Ellyn, DuPage County, Illinois,  
this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_.

**PREPARED BY AND MAIL TO:  
VILLAGE OF GLEN ELLYN  
ATTN: VILLAGE CLERK  
535 DUANE STREET  
GLEN ELLYN, IL 60137**

**Ordinance No. 6761 - VC****An Ordinance Approving a Text Amendment  
to the Glen Ellyn Zoning Code to Regulate Tobacco,  
Vape, and Smoke Shops**

**Whereas,** the Plan Commission is charged with periodically reviewing and making recommendations to the Village Board on text amendments to the Zoning Code; and

**Whereas,** in accordance with this responsibility, following due and proper publication of notice in the *Daily Herald* not less than fifteen (15) nor more than thirty (30) days prior thereto, the Glen Ellyn Plan Commission conducted public hearings on November 14, 2019 and January 9, 2020 to consider various text amendments to the Glen Ellyn Zoning Code to regulate tobacco, vape and smoke shops; and

**Whereas,** the text amendments related to the regulation of tobacco, vape and smoke shops considered at the public hearing held before the Plan Commission on November 14, 2019, required additional staff research and was set to be further discussed at a future meeting; and

**Whereas,** zero (0) members of the public spoke in support or against the proposed text amendments pertaining to the regulation of tobacco, vape, and smoke shops, and one (1) person asked general questions about tobacco, vape and smoke shops as noted in the attached minutes of the November 14, 2019 Plan Commission public hearing, attached hereto as Exhibit "A"; and

**Whereas,** additional information was brought forth for Plan Commission discussion on tobacco, vape and smoke shop regulations at a public hearing on January 9, 2020; and

**Whereas,** staff presented two sets of text amendments for discussion; the first set of amendments required tobacco, vape and smoke shops to receive approval of a special use permit for location within any commercial district in the Village; the second set of amendments allowed

tobacco, vape and smoke shops as a permitted use in only the C3 Service Commercial zoning district; and

**Whereas,** zero (0) members of the public spoke in support of the proposed text amendments pertaining to the regulation of tobacco, vape, and smoke shops, and one (1) person spoke against allowing vape, tobacco and smoke shops as a permitted use in the C3 Service Commercial District as noted in the attached abbreviated draft minutes of the January 9, 2020 Plan Commission public hearing, attached hereto as Exhibit “B”; and

**Whereas,** based upon the evidence, testimony, and exhibits presented at the January 9, 2020 Plan Commission public hearing, by a vote of nine (9) “yes” and zero (0) “no”, the Glen Ellyn Plan Commission recommended approval of the proposed text amendment to the Glen Ellyn Zoning Code to allow tobacco, vape, and smoke shops as a permitted use only in the C3 Service Commercial zoning district, as set forth in the abbreviated draft minutes of the January 9, 2020 Plan Commission public hearing, which are attached hereto as Exhibit “B”; and

**Whereas,** the President and Board of Trustees of the Village of Glen Ellyn have reviewed the minutes from the aforementioned Plan Commission public hearings and find that it is in the best interest of the Village to accept the recommendation of the Plan Commission and to amend the text of the Glen Ellyn Zoning Code, as set forth in Exhibit “C” attached hereto.

**Now, Therefore, be it Ordained** by the President and Board of Trustees of the Village of Glen Ellyn, DuPage County, Illinois, in the exercise of its home rule powers, as follows:

**Section One:** The approved minutes from the November 14, 2019 Plan Commission public hearing, attached hereto as Exhibit “A”, and the abbreviated draft minutes of the January 9, 2020 Plan Commission public hearing, attached hereto as Exhibit “B”, are hereby accepted by the Village President and Board of Trustees.

**Section Two:** The Glen Ellyn Zoning Code shall be and is hereby amended as set forth in Exhibit “C”, attached hereto.

**Section Three:** The Village Clerk is hereby directed to cause the text of the Glen Ellyn Zoning Code to be amended as approved by this Ordinance and said amendment shall be inserted in proper order into the Zoning Code and shall be published and made available for inspection and purchase by the general public.

**Section Four:** This Ordinance shall be published in pamphlet form within thirty (30) days after its approval in the manner provided by law.

**Section Five:** The amendment approved herein shall become effectively immediately.

**Passed** by the President and Board of Trustees of the Village of Glen Ellyn, Illinois, this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_\_.

|        |  |                    |  |                |  |              |
|--------|--|--------------------|--|----------------|--|--------------|
| Ayes   |  | Diane McGinley     |  | Steve Thompson |  | Mark Senak   |
|        |  | Craig Pryde        |  | Bill Enright   |  | Gary Fasules |
|        |  | Kelli Christiansen |  |                |  |              |
|        |  |                    |  |                |  |              |
| Nayes  |  | Diane McGinley     |  | Steve Thompson |  | Mark Senak   |
|        |  | Craig Pryde        |  | Bill Enright   |  | Gary Fasules |
|        |  | Kelli Christiansen |  |                |  |              |
|        |  |                    |  |                |  |              |
| Absent |  | Diane McGinley     |  | Steve Thompson |  | Mark Senak   |
|        |  | Craig Pryde        |  | Bill Enright   |  | Gary Fasules |
|        |  | Kelli Christiansen |  |                |  |              |

Approved by the Village President of the Village of Glen Ellyn, Illinois this \_\_\_\_\_ day of \_\_\_\_\_.

\_\_\_\_\_

Ordinance 6761

Meeting of January 27, 2020

Village President

Attest:

\_\_\_\_\_  
Village Clerk

AFFIX VILLAGE SEAL

(Published in pamphlet form and posted on the \_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_.)

**ATTACHMENTS:**

- Exhibit A - Plan Commission Minutes, November 14, 2019 (PDF)
- Exhibit B - Abr. Draft Plan Commission Minutes, January 9, 2020 (PDF)
- Ancel Glink - Legal Opinion Memo (PDF)
- Village Code Section 10-10-14(E) and (F) (PDF)
- Buffer Map - 1,500 feet from schools (PDF)
- Tobacco & Vape ZTA text By Right C3 (PDF)



PLAN COMMISSION

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NOVEMBER 14, 2019

MINUTES  
REGULAR PLAN COMMISSION MEETING  
NOVEMBER 14, 2019

Call to Order

The regular meeting of the Plan Commission was called to order by Chairperson Mary Loch at 7:03 p.m. Plan Commissioners Phillip Hartweg, John Mulherin, David Rodemann and Jamie Vondruska were present. Commissioners Lloyd Berry, Angela Fanella, Tracy Heming Littwin and Mohammed Saeed were excused. Also present were Community Development Director Staci Springer, Village Planner Kelly Purvis, Village Planner Katie Ashbaugh, Associate Planner Cole Jackson and Recording Secretary Debbie Solomon.

Public Comment

No general comments on non-agenda items were made by the public at this Plan Commission meeting.

Approval of June 20, 2019 Special Plan Commission Minutes

Commissioner Mulherin moved, seconded by Commissioner Vondruska, to approve the minutes of the October 10 Regular Plan Commission minutes. The motion carried unanimously by voice vote.

Chairperson Loch explained the changes on the meeting's agenda as the Plan Commission would only be considering the Zoning Text Amendments.

Public Hearing – Illinois Prairie Path – Zoning Map Amendment

On the agenda was a public hearing to review a Zoning Map Amendment for the Illinois Prairie Path.

PUBLIC HEARING – ILLINOIS PRAIRIE PATH

PUBLIC HEARING WITH DISCUSSION, CONSIDERATION, AND RECOMMENDATION REGARDING A ZONING MAP AMENDMENT FOR THE ILLINIOS PRAIRIE PATH.

Commissioner Hartweg moved, seconded by Commissioner Mulherin, to open the public hearing at 7:05 p.m. The motion carried unanimously by voice vote.

PLAN COMMISSION

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NOVEMBER 14, 2019

Commissioner Mulherin moved, seconded by Commissioner Vondruska, to continue the public hearing to the next regularly scheduled Plan Commission Meeting on December 12, 2019. The motion carried unanimously by voice vote.

Public Hearing – Zoning Text Amendments

On the agenda was a public hearing to review the proposed 2019 Zoning Code text amendments prepared by staff.

PUBLIC HEARING – ZONING TEXT AMENDMENTS

PUBLIC HEARING WITH DISCUSSION, CONSIDERATION, AND RECOMMENDATION REGARDING THE PROPOSED 2019 ZONING TEXT AMENDMENTS PREPARED BY STAFF.

Commissioner Rodemann moved, seconded by Commissioner Hartweg, to open the public hearing at 7:07 p.m. The motion carried unanimously by voice vote.

Staff Introduction

Sworn in for the Village were Village Planner Purvis and Associate Planner Jackson.

Associate Village Planner Jackson provided an overview of the proposed 2019 Zoning Text Amendments and stated they would review each section then have the Plan Commission discuss, hear public comment and vote on each set of amendments separately.

Amendments #1 & #2

Associate Planner Jackson stated Amendments #1 and #2 will amend the definition of Beauty/Barber Shop to include permanent makeup and create a definition for permanent makeup. Associate Planner Jackson stated permanent makeup is also known as microblading, and many beauty salons are now offering this treatment. Associate Planner Jackson stated a person has to be State-licensed to do microblading.

Plan Commission Questions

Commissioner Vondruska asked how the staff came up with the definition. Associate Planner Jackson stated the staff based this definition off what the Village of Glenview did. Village Planner Purvis stated a person who does microblading does need to update their license annually in order to stay in business. Village Planner Purvis stated the current definition in the code calls out that a permanent makeup business is not allowed.

PLAN COMMISSION

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NOVEMBER 14, 2019

Public Comment

None

Commissioner Mulherin moved, seconded by Commission Vondruska, to amend the Zoning Code to amend the definition of Beauty/Barber Shop to include permanent makeup and create a definition for permanent makeup. The motion carried unanimously by voice vote.

Amendments #3, #5, #6, #7 & #8

Associate Planner Jackson stated there has been concern from the residents around tobacco and vape shops, and there are currently 3 vape shops in the Village. Associate Planner Jackson stated this would amend the Code to clearly define tobacco, vape and smoke shops and limit their location to commercial districts with a special use only.

Plan Commission Questions

Commissioner Vondruska asked if this would include a cigar shop as well. Village Planner Purvis stated it would; when staff requested information from legal counsel, it was recommended that vape shops and tobacco shops, including any tobacco related products be regulated the same way.

Commissioner Hartweg asked what process was done for the current vape shops that came to the Village. Village Planner Purvis stated there currently is no process required as these uses are allowed by-right in certain districts.

There was discussion regarding the standards and buffer zones for these types of shops. Village Planner Purvis stated the staff can provide buffer maps for boundaries if this helps. Commissioner Mulherin stated it feels like the Village could be singling out a certain product for consideration.

Commissioner Rodemann asked what the standards will be for how close these shops can be to schools. Commissioner Mulherin stated without standards, he feels uncomfortable with the approach on this. Chairperson Loch asked what other communities have done. Village Planner Purvis stated she did not have this information, but there has been a lot of concerns voiced by the residents, which is why the amendment has been proposed.

Public Comment

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NOVEMBER 14, 2019

Anne Gould, who resides at 609 Newton Avenue, asked if a customer in a vape shop is allowed to consume on site. Associate Planner Jackson stated they should not be smoking on the premises.

The Plan Commission agreed to continue this discussion to the next regularly scheduled Plan Commission meeting so the staff can provide more research to the Plan Commission.

#### Amendment #4

Associate Planner Jackson stated this will amend the Code to allow the Community Development Director to automatically zone property Conservation Recreation (CR) upon annexation to the Village. Associate Planner Jackson stated Conservation Recreation is the most restrictive zoning district and only allows open space uses and passive recreation areas.

#### Plan Commission Questions

There were no questions from the Plan Commissioners.

#### Public Comment

None

Commissioner Rodemann moved, seconded by Commissioner Mulherin, to amend the Zoning Code to allow the Community Development Director to automatically zone property Conservation Recreation (CR) upon annexation to the Village. The motion carried unanimously by voice vote.

#### Amendment #9

Associate Planner Jackson stated this would amend the Code to clarify that accessory structures within 10 feet of the principal structure must adhere to the required setback of the principal structure. Associate Planner Jackson stated this text amendment would clarify that the accessory structures on a lot must meet the required setback in the zoning district, whether or not the principal structure conforms to the required setback for the district.

#### Plan Commission Questions

There were no questions from the Plan Commissioners.

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NOVEMBER 14, 2019

Public Comment

None

Commissioner Mulherin moved, seconded by Commission Vondruska, to amend the Zoning Code to clarify that accessory structures within 10 feet of the principal structure must adhere to the required setback of the principal structure. The motion carried unanimously by voice vote.

Amendments #10 & #12

Associate Planner Jackson stated this would amend the Code to further clarify requirements for dumpster enclosures. Associate Planner Jackson stated these amendments are meant to clarify that any property other than a single family property is required to enclose dumpster/refuse areas on the lot.

Plan Commission Questions

There were no questions from the Plan Commissioners.

Public Comment

None

Commissioner Vondruska moved, seconded by Commission Mulherin, to amend the Zoning Code to further clarify requirements for dumpster enclosures. The motion carried unanimously by voice vote.

Amendment #11

Associate Planner Jackson stated this would amend the Code to clarify that the accessory structure chart in Section 10-5-5(B)4 applies to both attached and detached encroachments. Associate Planner Jackson stated the regulations in this section are intended to apply to all obstructions in yards, not just those that are detached from the principal structure.

Plan Commission Questions

There were no questions from the Plan Commissioners.

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NOVEMBER 14, 2019

Public Comment

None

Commissioner Vondruska moved, seconded by Commission Mulherin, to amend the Zoning Code to further clarify requirements for dumpster enclosures. The motion carried unanimously by voice vote.

Amendment #13

Associate Planner Jackson stated this would amend the Code to include requirements for landscaping maintenance. Associate Planner Jackson stated this will help to empower staff to ensure that properties continually upkeep the health and variety of plant materials as approved by the Village Board.

Plan Commission Questions

There were no questions from the Plan Commissioners.

Public Comment

None

Commissioner Hartweg moved, seconded by Commission Mulherin, to amend the Zoning Code to include requirements for landscaping maintenance. The motion carried unanimously by voice vote.

Amendment #14

Associate Planner Jackson stated this would amend the Code to change the limitations on light pole heights. Associate Planner Jackson stated the language in this section of the Code is unclear as to whether light poles can be the same height as the proposed building or if the poles can be the maximum height that a building is permitted to be. Associate Planner Jackson stated staff is recommending a maximum height of 20-foot light poles in residentially zoned districts and 25-foot light poles in all other zoning districts.

Village Planner Purvis stated this does not include light poles in the right-of-way, and she did find that the standard for light poles in the right-of-way is generally 25 feet in height.

PLAN COMMISSION

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NOVEMBER 14, 2019

Plan Commission Questions

There were no questions from the Plan Commissioners.

Public Comment

None

Commissioner Mulherin moved, seconded by Commission Vondruska, to amend the Zoning Code to change the limitation on light pole heights. The motion carried unanimously by voice vote.

Amendment #15

Associate Planner Jackson stated this would amend the Code to eliminate the lot coverage limitation for planned unit developments in the Central Business District. Associate Planner Jackson stated this section of the Zoning Code contradicts the district regulations for the C5 zoning districts which allow for commercial structures to be built to the limits of their lot lines when they are not located next to residential properties.

Plan Commission Questions

There were no questions from the Plan Commission on this.

Public Comment

Anne Gould stated this text amendment seems to be a substantive change to the Zoning Code, and she feels this should be tabled so the properties within a certain zone that might be affected can be notified. Chairperson Loch stated she is going to take issue with the discussion of the idea of substantive change. Chairperson Loch stated based on what staff is recommending, the district regulations already allow them to do this, and elsewhere in the Zoning Code, there is a contradiction to this so the staff is trying to make this consistent with the PUD code. Ms. Gould stated she feels this is a substantive change due to 65% lot coverage going to 100% lot coverage and said there is precedence for this.

Village Planner Purvis stated Glen Ellyn's Code does not require, based on substantive changes that the public notice be different. Village Planner Purvis stated the whole Village was notified of these text amendment changes via newspaper to which Ms. Gould stated according to the

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NOVEMBER 14, 2019

State of Illinois case she is referring to, the newspaper notification is considered insufficient for this type of change. Village Planner Purvis stated Glen Ellyn's Code requires for a text amendment that the Village send notice via newspaper which was done for these amendments.

Plan Commission Deliberation

Commissioner Rodemann stated he feels C5A and C5B are different, and he has some concerns about this text amendment. Village Planner Purvis asked if Commissioner Rodemann would be fine with just C5A in this text amendment to which Commissioner Rodemann stated he would be. There was a discussion regarding the differences between C5A and C5B.

Commissioner Rodemann moved, seconded by Commissioner Mulherin to amend the Zoning Code to eliminate the lot coverage limitation for planned unit developments in the C5A Zoning District. The motion carried unanimously by voice vote.

Commissioner Mulherin moved, seconded by Commissioner Hartweg, to close the public hearing at 8:00 p.m. The motion carried unanimously by voice vote.

Commissioner Mulherin exited the meeting.

Trustee's Report

None

Chairperson's Report

Chairperson Loch stated the Illinois Prairie Path public hearing and the Pre-Application for the Glen Ellyn Food Pantry would be on the December 12, 2019 Plan Commission agenda.

Staff Report

Village Planner Purvis stated at the December 12<sup>th</sup> meeting, the Civic Center Parking Garage would be on the agenda as well, and the discussion regarding Architecture Review may be on hold until the January meeting when more Plan Commission Members are in attendance.

Other Business

None



PLAN COMMISSION

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NOVEMBER 14, 2019

Adjournment

Plan Commissioner Hartweg moved, seconded by Plan Commissioner Vondruska, to adjourn the meeting at 8:03 p.m. The motion carried unanimously by voice vote.

Respectfully Submitted,

Debbie Solomon  
Recording Secretary

Reviewed by,  
Staci Springer  
Community Development Director

PLAN COMMISSION

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JANUARY 9, 2020

and the presentation which included the findings associated with the Construction Necessitated Variations have been satisfied and therefore recommends that the Village Board approve the variations as requested subject to the following conditions:

1. The accessory structures shall remain constructed in substantial conformance with the plans as submitted and the testimony as presented at tonight's meeting;
2. That the petitioner submit a building permit application and the required plans and documents for the Village staff to review the structural integrity of the accessory structures on the lot.
3. All accessory structures must be consistent in color and care.

The motion carried with nine (9) yes votes and zero (0) no votes as follows: Plan Commissioners Heming-Littwin, Mulherin, Berry, Fanella, Hartweg, Rodemann, Saeed, Vondruska, and Chairperson Loch voted "yes." Motion carried.

#### Public Hearing – Vape, Tobacco and Smoke Shops – Zoning Text Amendments

On the agenda was a public hearing to consider zoning text amendments for Vape, Tobacco and Smoke shops in the Village.

#### PUBLIC HEARING – VAPE, TOBACCO AND SMOKE SHOPS – ZONING TEXT AMENDMENTS

#### PUBLIC HEARING WITH DISCUSSION, CONSIDERATION, AND RECOMMENDATION REGARDING ZONING TEXT AMENDMENTS FOR VAPE, TOBACCO AND SMOKE SHOPS.

Commissioner Heming-Littwin moved, seconded by Commissioner Hartweg, to open the public hearing at 8:35 p.m. The motion carried unanimously by voice vote.

#### Staff Introduction

Sworn in for the Village were Community Development Director Springer and Village Planner Purvis.

Village Planner Purvis provided background on these zoning text amendments and stated the Plan Commission discussed Zoning Text Amendments for Vape, Tobacco and Smoke shops at the November 14, 2019 meeting. Village Planner Purvis stated at this meeting, the Plan Commission asked staff for more information about how other communities regulate these types of uses and asked for a legal opinion relating to the Village's ability to require a special

PLAN COMMISSION

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JANUARY 9, 2020

use permit. Village Planner Purvis stated Associate Planner Jackson did survey eight peer communities, and the survey showed that all of the peer communities allow tobacco stores by-right in at least one commercial zoning district. Village Planner Purvis stated none of the peer communities regulate tobacco and vape shops through a special use permitting process.

Village Planner Purvis stated per the Plan Commission's direction, staff also obtained a legal opinion from Village counsel, and this memo was included in the Plan Commissioners' packets. Village Planner Purvis stated as indicated in the memo, counsel believes that the Village has the authority to regulate retail tobacco and vaping shops as special uses and to evaluate their impact on surrounding properties consistent with the special use standards in Section 10-10-14(E) of the Zoning Code.

Village Planner Purvis stated with these findings, staff believes that it could be appropriate to regulate the location of vape and tobacco shops either through the special use process or by narrowing down what zoning district(s) would be most suitable to allow them as a permitted use. Village Planner Purvis stated staff suggests allowing Vape and Tobacco shops by-right in the C3 Service Commercial District to minimize potential conflicts with sensitive uses such as schools.

Commissioner Heming-Littwin asked if this is for stores that only sell vape, tobacco and smoke. Village Planner Purvis stated it is, and this is clearly stated in the definition. Village Planner Purvis stated if the Village allows these shops by-right in the C3 Commercial District along Roosevelt Road, then they would be clear of all the schools.

Village Planner Purvis stated Findings of Fact do not need to be made for Zoning Code text amendments.

#### Questions from the Plan Commission

Commissioner Mulherin asked about the shop at Five Corners. Village Planner Purvis stated this shop is in C2 Commercial and not C3.

Commissioner Heming-Littwin stated the State says if it is a tobacco-only business, you are allowed to smoke in it.

Chairperson Loch stated she is fine with C3.

Commissioner Berry asked about existing shops in other districts. Village Planner Purvis stated these shops would be legally nonconforming and permitted to remain, and if they left that space in the future, a new store would not be allowed to re-open in that location without prior Village approvals.

PLAN COMMISSION

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JANUARY 9, 2020

Public Comment

Anne Gould, who resides at 609 Newton Avenue, stated if they use C3 as a permitted district, then these smoke shops could be close to the Children of America Day Care that was just discussed. Village Planner Purvis stated there is no specific buffer proposed for these shops. Ms. Gould stated the Plan Commission should then consider a Special Use. Ms. Gould asked if THC products are a part of this to which Village Planner Purvis stated THC products are not included in these Zoning Text Amendments.

Commissioner Heming-Littwin moved, seconded by Commissioner Hartweg, to close the public hearing at 8:55 p.m. The motion carried unanimously by voice vote.

Deliberations from the Plan Commission

There were no deliberations as the Plan Commission was in consensus on allowing vape, tobacco and smoke shops as a by-right use in the C3 Service Commercial District only.

Commissioner Heming-Littwin moved, seconded by Commissioner Mulherin, to recommend the following:

After conducting a public hearing and deliberating on the Zoning Code Text Amendments dated January 9, 2020, the Plan Commission hereby recommends for approval to the Village Board the Zoning Code Text Amendments as written, which includes the definition of tobacco, vape and smoke shops, adding tobacco, vape and smoke shops as a permitted use in the C3 Service Commercial District and removing tobacco shops as a permitted use in the C5A Central Retail Core Sub-District and C5B Central Service Sub-District.

The motion carried with nine (9) yes votes and zero (0) no votes as follows: Plan Commissioners Heming-Littwin, Mulherin, Berry, Fanella, Hartweg, Rodemann, Saeed, Vondruska, and Chairperson Loch voted "yes." Motion carried.

Chairperson Loch called for a break at 8:59 p.m.

Chairperson Loch reconvened the Plan Commission meeting at 9:02 p.m.

Discussion Item – Architecture Review by the Plan Commission

Village Planner Purvis provided background on Architecture Review and stated from 1975 to 2017, the Village's Architectural Review Commission (ARC) would review any new



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## MEMORANDUM

**To:** Staci Springer, Community Development Director  
Kelly Purvis, Planner

**From:** Gregory W. Jones  
Kurt S. Asprooth

**Subject:** Classification of Vaping Stores as a Special Use

**Date:** December 11, 2019

---

We have been asked to provide an opinion on whether the Village of Glen Ellyn (“**Village**”) can classify retail tobacco and tobacco vaping shops as special uses in only certain zoning districts. We believe the Village has the power to do so.

The Illinois Municipal Code provides all municipalities with the authority to “provide for the classification of special uses.” 65 ILCS 5/11-13-1.1. These special uses can include “uses which have a unique, special or unusual impact upon the use or enjoyment of a neighboring property...” *Id.* This grant of authority is broad and is not limited to only specific types of uses. As with any zoning ordinance, the Village must ensure that the classification of a specific use as “special” is not arbitrary or capricious, but instead bears some rational relationship to the public health, safety, and morals. *Dunlap v. Village of Schaumburg*, 394 Ill.App.3d 629 (1<sup>st</sup> Dist. 2009).

Given the wealth of evidence documenting the public health risks of tobacco, and more recently of vaping in particular, we think the Village has a rational basis to classify tobacco stores and vape shops as special uses. Limiting the adverse impacts of smoking and vaping on the community certainly bears a rational relationship to the goal of furthering the Village’s public health, safety, and morals. *See Racine Marathon, Inc., v. Emanuel*, 2018 IL App (1<sup>st</sup>) 180187-U (1<sup>st</sup> Dist. 2018) (upholding Chicago’s prohibition on selling flavored cigarettes within 500 feet of a school and finding that “there is an undeniable purpose of the flavored tobacco ordinance.”).

While there are potential concerns with regulating uses that have First Amendment protections relating to freedom of speech (*e.g.*, adult uses) and free exercise of religion (*e.g.*, churches), the sale of tobacco and vaping products is not subject to any heightened constitutional standard.

ANCEL GLINK

December 11, 2019

Page 2

In fact, ensuring that these “unique” uses do not have any adverse impacts on adjoining properties or the neighborhood they seek to locate in is precisely what the special use process was designed to accomplish. Tobacco and vape shops would not be prohibited outright, but only allowed once they have established that they satisfy the Village’s special use standards and have gone through the public hearing process. In fact, even uses that are not seen as having inherently negative impacts on surrounding properties have been classified as special uses by municipalities, such as hospitals. *Lazarus v. Northbrook*, 31 Ill. 2d 146, 151, 199 N.E.2d 797, 800-01 (1964).

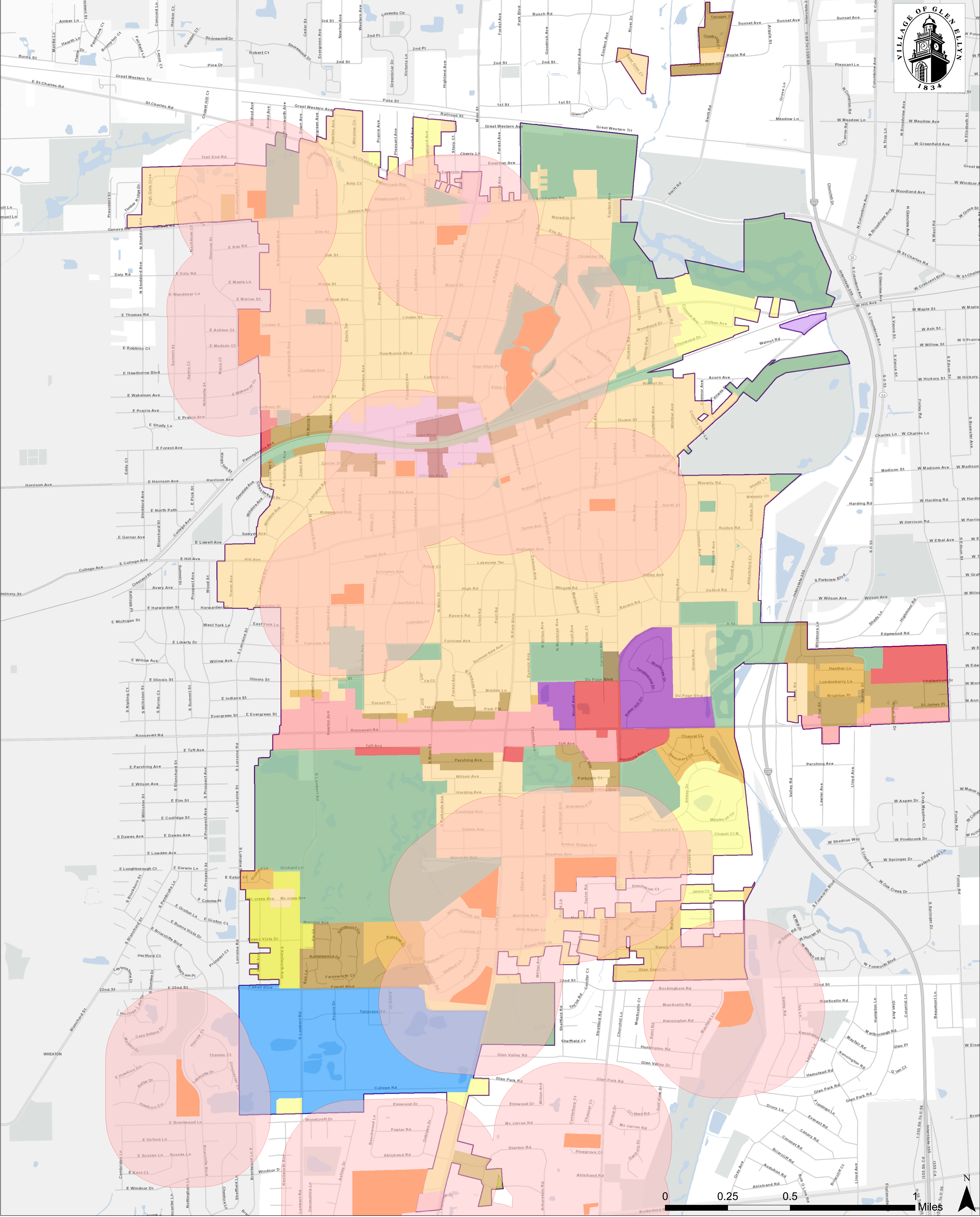
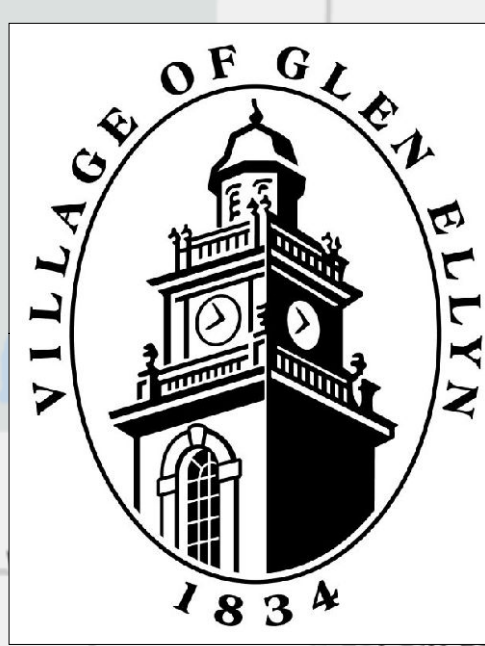
Further, the Village has clear and objective standards that must be met before a special use permit will be granted. See Glen Ellyn Zoning Ordinance, Section 10-10-14(E). These standards focus on ensuring that the special use does not have an adverse impact on the surrounding neighborhood. For example, special use standard 2 requires that a special use “be designed, constructed, operated, and maintained so as to be harmonious and appropriate in appearance with the existing or intended character of the general vicinity and that such use will not change the essential character of the same area.” Likewise, special use standard 3 requires that a special use “not be hazardous or disturbing to existing or future neighborhood uses.” So, if a vape store applied for a special use at a location next to a school, for example, the vape shop would have the burden of establishing how it would meet special use standards 2 and 3 (*i.e.*, how its location next to a school would not change the essential character of the area and would not be hazardous to the existing neighborhood uses such as the school).

In sum, we are of the opinion that the Village has the authority to classify tobacco stores and vape shops as special uses, and to evaluate their impact on surrounding properties consistent with the Village’s special use standards. We are happy to answer any questions you may have regarding this Memorandum.

10-10-14.

- (E) The Plan Commission shall not recommend that a special use be granted nor shall the Village Board grant a special use, unless it shall find, based upon the evidence presented to the Plan Commission in each specific case that the special use:
1. Will be harmonious with and in accordance with the general objectives, or within a specific objective of the Comprehensive Plan and/or this title;
  2. Will be designed, constructed, operated, and maintained so as to be harmonious and appropriate in appearance with the existing or intended character of the general vicinity and that such use will not change the essential character of the same area;
  3. Will not be hazardous or disturbing to existing or future neighborhood uses;
  4. Will be served adequately by essential public facilities and services such as highways, streets, police and fire protection, drainage structures, refuse disposal, water, sewers and schools, or that the persons or agencies responsible for the establishment of the proposed use shall be able to provide adequately any such services;
  5. Will not create excessive additional requirements at public cost for public facilities and services, and will not be detrimental to the economic welfare of the Village;
  6. Will not involve uses, activities, processes, materials, equipment and/or conditions of operation that will be detrimental to any persons, property or the general welfare by reason of excessive production of traffic, noise, smoke, fumes, glare or odors;
  7. Will have vehicular approaches to the property, which shall be so designed as not to create an undue interference with traffic on surrounding public streets or roads;
  8. Will not increase the potential for flood damage to adjacent property or require additional public expense for flood protection, rescue or relief; and
  9. Will not result in destruction, loss or damage of natural, scenic or historic features of major importance to the community;
- (F) The Plan Commission may recommend and the Village Board may require such conditions and restrictions upon the premises benefited by a special use as may be necessary in their opinion to comply with the standards set forth in this section, to reduce or minimize injurious effect of such special use upon other property in the neighborhood, and/or to implement the general purpose and intent of this title;





# 2019 School Parcels 1,500 Foot Buffer Map



## Exhibit “C”

## ZONING CODE TEXT AMENDMENTS

January 9, 2019

**Bold** = New Text; ~~Strikethrough~~ = Deleted TextChapter 2  
DEFINITIONS

1. Amend Section 10-2-2 (Terms defined) to add a definition for “Tobacco, Vape and Smoke Shops” between the definition of “Through Lot” and “Tower and Antenna, Radio or Television”.

**TOBACCO, VAPE AND SMOKE SHOP:** A retail establishment primarily engaged in the selling of pre-packaged smoking and tobacco products, alternative nicotine products and/or vapor products, as defined in Section 3-6-2 of the Village Code and as amended from time to time, and which may include components reasonably assumed to be used for smoking and/or the inhalation or ingestion of any products or other substances. For the purposes of this definition only, “primarily engaged” means when the primary source of the establishment’s revenue comes from the sale of pre-packaged smoking and tobacco products, alternative nicotine products, vapor products, related products and accessories, and in which the sale of other products is merely incidental. This definition does not include a section or department of a larger commercial establishment that sells tobacco products such as a gas station or a grocery store.

Chapter 4  
DISTRICT REGULATIONS

2. Amend Section 10-4-15 (C3 Service Commercial District) to add tobacco, vape and smoke shops to the list of permitted uses and to renumber the rest of the section accordingly.
  - (A) Permitted uses:
    - 26. Tobacco, Vape, and Smoke Shop**
3. Amend Section 10-4-17-1 (C5A Central Retail Core Subdistrict) to remove tobacco shops from the list of permitted uses and to renumber the section accordingly.
  - (A) Permitted uses:
    - ~~41. Tobacco shop.~~
4. Amend Section 10-4-17-2 (C5B Central Service Subdistrict) to remove tobacco shops from the list of permitted uses and to renumber the section accordingly.
  - (A) Permitted uses:
    - ~~54. Tobacco shop.~~



Glen Ellyn Village Board  
535 Duane Street  
Glen Ellyn, IL 60137

Meeting: 01/27/20 07:00 PM  
Department: Public Works  
Department Head: Julius Hansen  
Category: Agreement  
Prepared By: Rich Daubert

SCHEDULED

AGENDA ITEM (ID # 4333)

DOC ID: 4333

1. **Motion to authorize the Village Manager to execute an agreement with Engineering Resource Associates of Warrenville, Illinois in the amount of \$253,393 for Phase II Engineering Services for Utility and Roadway Improvements Project #20001 to be expensed to the Capital Projects and Water & Sewer Funds.**
2. **Motion to authorize the Village Manager to execute an agreement with Gewalt Hamilton Associates of Vernon Hills, Illinois in the amount of \$82,306 for Phase II Engineering Services for Utility and Roadway Improvements Project #20002 to be expensed to the Capital Projects and Water & Sewer Funds.**

### **Background**

Staff recently issued the attached request for Proposals (RFP) for two separate professional engineering consultant service assignments required for implementation of street rehabilitation and utility improvement projects. The proposed improvements are included within the Village's master roadway, sewer, and water infrastructure rehabilitation plan which ties to the Village's 5-year Capital Improvement Plan.

The requested services include the preparation of design drawings, bidding and contract documents, securing permits, and assisting with the competitive bidding process. The assignments were separated due to the scope, complexity, and volume of engineering work required for each respective project. While further detailed in the attached RFP document with a location map provided therein, the Projects are respectively described as follows:

### **Project #1 Description**

This project involves the rehabilitation of approximately 1.62 centerline miles of residential streets in the central-west area of Glen Ellyn. This locally funded project will include a variety of modestly extensive underground sewer and water infrastructure improvements followed by more extensive rehabilitation of the roadways. Due to the proximity and volume of utility and street work, this project would be implemented over a two-year period with the selected consultant required to prepare the design and construction documents for two separate lettings. Including engineering and construction, the Capital Plan Specifies a Budget of \$8,779,373 for this project across the Capital (\$4,817,641), Sewer (\$1,570,151), and Water (\$2,391,581) Funds.

### **Project #2 Description**

This project involves the rehabilitation of approximately 2.04 centerline miles of residential streets

primarily located in the southeast area of Glen Ellyn. This locally funded project will include more limited utility improvements followed by more modest rehabilitation of the roadways. Including engineering and construction, the Capital Plan Specifies a Budget of \$1,679,951 for this project across the Capital (\$1,359,057) and Sewer (\$320,894) Funds.

#### Distribution of RFP

The RFP was distributed to twelve (12) engineering firms staff is familiar and experienced in working with. Firms expressed positive response to the RFP with good interest in both assignments. A few questions were received from prospective firms throughout the process with staff summarizing those questions and distributing responses to all firms in receipt of the RFP. As is typical with this process, a few firms indicated they were interested in the assignments but did not have appropriate personnel to commit to them at this time; as such, those firms did not submit proposals. Despite this, there was still a healthy response to the RFP as further detailed below.

#### Subject

Staff has completed an evaluation of the Proposals in accordance with the evaluation criteria set forth in the RFP including: Firm Information, Experience On Similar Projects, Qualifications, Ability To Meet Deadlines, Completeness Of Project Approach, Additional Services/Tasks, and Project Costs. Staff notes that as it reviews proposals for locally funded engineering assignments, it looks for not the lowest cost but rather the firm with the best overall approach to a project with a good balance of the aforementioned factors, all of which is consistent with the Village's purchasing policies for procurement of professional services.

A summary of the proposals received and evaluation by staff is as follows for each respective project.

#### Project #1 Proposals and Evaluation

Five firms submitted proposals for project #1 with a tabular summary of the firm information, hours, and fee as follows:

##### Project #1 Tabular Summary of Proposals Received

| <b>Firm</b>                     | <b>Hours</b> | <b>Fee</b> |
|---------------------------------|--------------|------------|
| Chastain & Associates           | 1,870        | \$210,039  |
| Bollinger Lach & Associates     | 1,764        | \$240,468  |
| Engineering Resource Associates | 2,259        | \$253,393  |
| Edwin Hancock Engineering       | 2,492        | \$307,040  |
| Gewalt Hamilton Associates      | 2,880        | \$421,802  |

Staff's assessment of the proposals received for Project #1 yielded that most firms were comparable in terms of firm information and additional services/tasks; however, Engineering Resource

Associates (ERA) had the best balance of experience on similar projects, qualifications, demonstration of ability to meet deadlines, completeness of project approach, appropriate hours to complete the assignment, all while providing a reasonable cost in line with staff's expectations. While the fees of Chastain & Associates and Bollinger Lach & Associates were lower, staff did not feel that the firms' hours for the assignment were adequate and did not feel that they had prepared realistic schedules for completing the project, as compared to points made on the matter in other proposals. ERA's proposal includes what staff feels are more appropriate hours, fees, and a realistic schedule to complete the assignment.

#### Project # 1 Schedule

As noted in ERA's proposal, the firm would complete engineering design services for the streets east of Lorraine Road (Phillips, Vine, and Ridgewood) in sufficient time to allow for a May 2020 competitive bidding and award of the project with construction commencing thereafter for completion in 2020. The design services for the remaining streets would be completed as soon as early June with the plan to competitively bid the project for implementation in 2021. Staff has discussed with the consultant the possibility of adding additional streets for implementation in 2020 and will further evaluate viability of this as the design work moves forward.

#### Project #2 Proposals and Evaluation

##### Project #2 Tabular Summary of Proposals Received

| <b>Firm</b>                     | <b>Hours</b> | <b>Fee</b> |
|---------------------------------|--------------|------------|
| Engineering Resource Associates | 520          | \$65,179   |
| Gewalt Hamilton Associates      | 532          | \$82,306   |
| Rempe-Sharpe & Associates       | 878          | \$94,666   |
| Edwin Hancock Engineering       | 834          | \$101,010  |
| Chastain & Associates           | 859          | \$110,628  |
| Bollinger Lach & Associates     | 780          | \$128,333  |
| Primera Engineers               | 998          | \$169,416  |

Staff's assessment of the proposals received for Project #2 yielded that most firms were comparable in terms of firm information and additional services/tasks; however, Gewalt Hamilton Associates had the best balance of experience on similar projects, qualifications, demonstration of ability to meet deadlines, completeness of project approach, appropriate hours to complete the assignment, all while providing a reasonable cost in line with staff's expectations. While ERA's fee is lower, staff evaluated Gewalt Hamilton's proposal higher in all criteria except firm information and project costs, with Gewalt's proposal especially superior in terms of completeness of project approach.

#### Project #2 Schedule

As noted in Gewalt Hamilton's proposal, the firm is committed to completing engineering design

services for all streets in sufficient time to allow for a May bidding and award of the project with construction commencing thereafter for completion in 2020.

### **Budget Impact (Include Funding Source)**

The 2020 Calendar Year Budget includes sufficient funds for both of these assignments with the recommended funding distribution as follows:

| Account                            | Project #1 (#20001) | Project #2 (#20002) |
|------------------------------------|---------------------|---------------------|
| Capital Projects Fund 40000-580160 | \$152,036           | \$74,075            |
| Water Fund 50100-580100            | \$63,348            | \$0                 |
| Sanitary Sewer Fund 50200-580100   | \$38,009            | \$8,231             |
| Project Totals                     | \$253,393           | \$82,306            |

### **Strategic Plan Initiative (If Applicable)**

Both projects fulfill the following Village of Glen Ellyn Strategic Initiative:

Strategic Issue I: INFRASTRUCTURE. Invest in infrastructure to meet key needs, including downtown accessibility, Village facilities, streets, utility, and technology improvements.

### **Recommendation and Action Requested**

Engineering staff recommends the Village Board of Trustees make and approve the following motions at the January 27, 2020 Village Board Meeting:

1. Motion to authorize the Village Manager to execute an Agreement with Engineering Resource Associates of Warrenville, Illinois in the amount of \$253,393 for Phase II Engineering Services for Utility and Roadway Improvements Project #20001 to be expensed to the Capital Projects and Water & Sewer Funds.
2. Motion to authorize the Village Manager to execute an Agreement with Gewalt Hamilton Associates of Vernon Hills, Illinois in the amount of \$82,306 for Phase II Engineering Services for Utility and Roadway Improvements Project #20002 to be expensed to the Capital Projects and Water & Sewer Funds.

### **Attachments**

RFP Including Project Location Map  
ERA Proposal Excerpts  
Gewalt Hamilton Proposal Excerpts

Agenda Item (ID # 4333)

Meeting of January 27, 2020

**ATTACHMENTS:**

- Glen Ellyn RFP for 2020 Projects Amended 1-3-2020 with Attachments (PDF)
- ERA Proposal Excerpts for Project 20001 (PDF)
- GHA Proposal Excerpts for Project 20002 (PDF)

**REQUEST FOR PROPOSALS (RFP)  
ENGINEERING CONSULTANT SERVICES  
UTILITY AND ROADWAY IMPROVEMENT PROJECTS (#1 and #2)**

**Village of Glen Ellyn  
Issued: December 26, 2019  
Amended: Friday, January 3, 2020  
Proposals Due: 3:30 p.m. on Friday, January 10, 2020**

**Introduction**

The Village of Glen Ellyn ("**Village**") is requesting two separate proposals for professional engineering consultant services ("**Consultant Services**"), which include, but are not limited to, the completion of preliminary engineering; pre-final & final design; preparation of construction drawings, specifications, and construction cost estimates; identification & procurement of all required permits, temporary and permanent easements; and assisting in the competitive contractor bidding process for 2 capital improvement projects included in the Village's 2020 Calendar Year (CY) Budget (individually, "**Projects #1, and #2**") and described below in this Request for Proposals ("**RFP**").

Respondents must be able to demonstrate previous experience with similar projects described herein. The submitted Proposal should include the firm information, qualifications, project team(s), resumes, detailed scope of services/tasks, schedule and costs (not-to-exceed) for completing the projects specified below. **Respondents are not required to submit a proposal for both Projects. Proposals will be evaluated on an individual basis for each Project.**

**Introduction and Background**

The Village's 20-year roadway program includes a continuum of rehabilitation strategies for streets from patching to complete reconstruction. The Village's general rehabilitation strategies are as follows with a description and budgetary unit cost (construction only) for 2020 also provided.

| <b>Rehabilitation Strategy</b> | <b>Description</b>                                                                                                                                                                                                                                        | <b>2020 Budgetary Unit Cost</b>       |
|--------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------|
| Skip Patching                  | Removal and replacement of the asphalt roadway surface                                                                                                                                                                                                    | \$24/SY                               |
| Type IA Resurfacing            | Limited curb repairs, sidewalk repairs, removal and replacement of the asphalt roadway surface                                                                                                                                                            | \$30/SY                               |
| Type IB Resurfacing            | More extensive sidewalk and curb repairs, removal and replacement of the asphalt roadway surface                                                                                                                                                          | \$43/SY                               |
| Type IC Resurfacing            | Curb installation or replacement on one side of street, sidewalk repairs, base repair, removal and replacement of the asphalt roadway surface                                                                                                             | \$91/SY                               |
| Type II Resurfacing            | Full curb replacement, sidewalk repairs, most driveway approaches will be replaced, removal and replacement of the asphalt surface, drainage improvements                                                                                                 | \$182/SY                              |
| Type IIA Resurfacing           | Full curb replacement, sidewalk repairs, most driveway approaches will be replaced, complete replacement of the roadway base course including localized undercuts, replacement of the asphalt roadway surface, drainage improvements, parkway restoration | \$255/SY                              |
| Full Reconstruction            | Complete rebuilding of the roadway with either full depth asphalt or concrete including aggregate subgrade improvement drainage improvements, sidewalk repairs, and parkway restoration                                                                   | \$304/SY Asphalt<br>\$334/SY Concrete |

In tangent with roadway improvement, the Village also implements stormwater, sanitary, and potable water utility improvements with the more extensively rehabilitated roadway segments typically receiving more extensive utility upgrades. Such improvements include rehabilitation and extension of stormwater drainage systems, rehabilitation of sanitary sewer mains and services, replacement of water mains and services, and other various utility improvements.

### **Overview of Requested Consultant Services for Both Projects**

Proposals for Phase II Engineering Services are hereby being requested for the design of roadway and utility improvements along a total of approximately 3.66 centerline miles of Village Roadways. A general map of the two project areas is attached for reference. Engineering and construction are being locally funded through Village Capital Fund, Sewer fund, and Water Fund resources. Due to the scope and volume of design work, the Village is soliciting separate proposals for the projects (Project #1 and Project #2) which are detailed below.

### **Project #1 Description**

This project involves the rehabilitation of approximately 1.62 centerline miles of residential streets in the central-west area of Glen Ellyn. This locally funded project will include a variety of modestly extensive underground sewer and water infrastructure improvements followed by rehabilitation of the roadways. Due to the proximity and volume of street work, the Village may elect to implement the project over a two-year period with the selected consultant required to prepare the design and construction documents accordingly.

A summary of the roadway and utility improvements to be designed as part of Project #1 is as follows:

| <b>Project #1 Roadway Improvements</b>    |                    |                   |                  |                               |                          |                                              |
|-------------------------------------------|--------------------|-------------------|------------------|-------------------------------|--------------------------|----------------------------------------------|
| <b>Roadway Segment</b>                    | <b>Length (ft)</b> | <b>Width (ft)</b> | <b>Area (SY)</b> | <b>Type of Rehabilitation</b> | <b>Unit Cost (\$/SY)</b> | <b>Estimated Roadway Rehabilitation Cost</b> |
| Carleton: South End to DuPage             | 450                | 36                | 1,800            | Type II                       | \$182.33                 | \$328,187                                    |
| Windsor: Sawyer to Hillside               | 1,427              | 23                | 3,647            | Type IIA                      | \$255.26                 | \$930,863                                    |
| Sawyer: Lorraine to West End              | 497                | 24                | 1,325            | Type IIA                      | \$255.26                 | \$338,300                                    |
| Chesterfield: Lorraine to West End        | 700                | 23                | 1,789            | Type IIA                      | \$255.26                 | \$456,625                                    |
| Phillips: Lorraine to Vine                | 615                | 20                | 1,367            | Type IIA                      | \$255.26                 | \$348,850                                    |
| Vine: Hillside to Ridgewood               | 743                | 20                | 1,651            | Type IIA                      | \$255.26                 | \$421,457                                    |
| Ridgewood: Kenilworth to Brandon          | 1,115              | 22                | 2,726            | Type IIA                      | \$255.26                 | \$695,715                                    |
| Duane St.: Dawn to Lorraine               | 1,098              | 23                | 2,806            | Type IA                       | \$30.39                  | \$85,268                                     |
| Evergreen Av: Duane to Hillside           | 586                | 22                | 1,432            | Type II                       | \$182.33                 | \$261,172                                    |
| Dawn Ave: Duane to Hillside               | 460                | 23                | 1,176            | Type II                       | \$182.33                 | \$214,334                                    |
| Kenilworth: Duane to Hillside             | 391                | 21                | 912              | Type IC                       | \$91.16                  | \$83,171                                     |
| Center St: Evergreen to Lorraine          | 463                | 23                | 1,183            | Type II                       | \$182.33                 | \$215,732                                    |
| <b>Totals (Cost Excludes Engineering)</b> | <b>8,545</b>       | <b>-</b>          | <b>21,814</b>    | <b>-</b>                      | <b>-</b>                 | <b>\$4,379,674</b>                           |



**Project #1 Utility Improvements**

The selected consultant should anticipate the incorporation of storm sewer and drainage improvements in unison with roadway improvements. All streets above would involve some level of storm sewer system rehabilitation, extensions, addition of storm sewer laterals for sump pumps, etcetera. In addition, Water Distribution System and Sanitary Sewer Collection and Conveyance System improvements are as follows:

| <b>Project #1<br/>ROADWAY RELATED WATER SYSTEM CAPITAL IMPROVEMENTS</b> |                                                                                                  |                                   |
|-------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|-----------------------------------|
| <b>Roadway Segment</b>                                                  | <b>Description of Improvement</b>                                                                | <b>Estimated Improvement Cost</b> |
| Phillips / Vine / Ridgewood                                             | 2,400' of 8" Water Main Replacement                                                              | \$802,234                         |
| Windsor / Sawyer / Chesterfield                                         | 2,200' of 8" Water Main Replacement                                                              | \$700,363                         |
|                                                                         | Upgrade Services on Sawyer/Chesterfield west of Lorraine where existing main is 8" (10 services) | \$36,465                          |
| Kenilworth / Dawn / Evergreen / Center                                  | 1,900' of 8" Water Main Replacement                                                              | \$635,102                         |
| <b>TOTAL (Excludes Engineering)</b>                                     |                                                                                                  | <b>\$2,174,164</b>                |

| <b>Project #1<br/>ROADWAY RELATED SANITARY SEWER SYSTEM CAPITAL IMPROVEMENTS</b> |                                                                  |                                   |
|----------------------------------------------------------------------------------|------------------------------------------------------------------|-----------------------------------|
| <b>Roadway Segment</b>                                                           | <b>Description of Improvement</b>                                | <b>Estimated Improvement Cost</b> |
| Phillips / Vine / Ridgewood                                                      | Sanitary Services Replacement (58 services)                      | \$402,854                         |
|                                                                                  | Spot Repair Allowance (2,500')                                   | \$57,881                          |
| Windsor / Sawyer / Chesterfield                                                  | Sanitary Services Replacement (52 services)                      | \$361,179                         |
|                                                                                  | Spot Repair Allowance (2,600')                                   | \$60,197                          |
| General Spot Repairs / Adjustments Allowance                                     | Other Streets - Carleton (2,500')                                | \$57,881                          |
| Kenilworth / Dawn / Evergreen / Center                                           | Sanitary Services Replacement (54 services)                      | \$393,824                         |
|                                                                                  | Spot Repair Allowance - includes Duane east of Lawrence (2,700') | \$65,637                          |
|                                                                                  | Spot Repair Allowance (1,150')                                   | \$27,957                          |
| <b>TOTAL (Excludes Engineering)</b>                                              |                                                                  | <b>\$1,427,410</b>                |

**Project #2 Description**

This project involves the rehabilitation of approximately 2.04 centerline miles of residential streets primarily located in the southeast area of Glen Ellyn. This locally funded project will include more limited utility improvements followed by rehabilitation of the roadways.

A summary of the roadway and utility improvements to be designed as part of Project #2 is as follows:

| <b>Project #2 Roadway Improvements</b>    |                    |                   |                  |                               |                          |                                              |
|-------------------------------------------|--------------------|-------------------|------------------|-------------------------------|--------------------------|----------------------------------------------|
| <b>Roadway Segment</b>                    | <b>Length (ft)</b> | <b>Width (ft)</b> | <b>Area (SY)</b> | <b>Type of Rehabilitation</b> | <b>Unit Cost (\$/SY)</b> | <b>Estimated Roadway Rehabilitation Cost</b> |
| Anthony St: West End to Kenilworth        | 623                | 20                | 1,384            | Type IA                       | 30.388                   | \$42,070                                     |
| Ridge: Bemis to Glen Crest                | 471                | 26                | 1,362            | Type IB                       | 42.543                   | \$57,943                                     |
| Danby: Bemis to Glen Crest                | 452                | 28                | 1,405            | Type IB                       | 42.543                   | \$59,773                                     |
| Glen Crest: Ridge to West End             | 557                | 28                | 1,733            | Type IB                       | 42.543                   | \$73,727                                     |
| Glen Crest: Ridge to Danby                | 505                | 27                | 1,515            | Type IB                       | 42.543                   | \$64,452                                     |
| Marston: Village Limits to Taylor         | 386                | 28                | 1,202            | Type IA                       | 30.388                   | \$36,526                                     |
| Marston: Taylor to Taylor                 | 22                 | 28                | 67               | Type IA                       | 30.388                   | \$2,036                                      |
| Marston: Taylor to Birchbrook             | 476                | 21                | 1,111            | Type IA                       | 30.388                   | \$33,761                                     |
| Marston: Birchbrook to Route 53           | 203                | 20                | 452              | Type IA                       | 30.388                   | \$13,735                                     |
| Birchbrook Court: Marston to South End    | 693                | 28                | 2,157            | Type IA                       | 30.388                   | \$65,546                                     |
| Marston: Route 53 to Brook                | 426                | 28                | 1,325            | Type IB                       | 42.543                   | \$56,369                                     |
| Marston: Brook to Lorry                   | 39                 | 40                | 171              | Type IB                       | 42.543                   | \$7,275                                      |
| Marston: Lorry to Crest                   | 459                | 27                | 1,376            | Type IB                       | 42.543                   | \$58,539                                     |
| Marston: Crest to Greenview               | 279                | 28                | 867              | Type IB                       | 42.543                   | \$36,885                                     |
| Marston: Greenview to Marston Court       | 114                | 28                | 354              | Type IB                       | 42.543                   | \$15,060                                     |
| Marston Court: Marston to North/West End  | 635                | 28                | 1,974            | Type IB                       | 42.543                   | \$83,979                                     |
| Brook Court: Marston to South End         | 209                | 52                | 1,205            | Type IB                       | 42.543                   | \$51,264                                     |
| Lorry Court: Marston to North End         | 174                | 55                | 1,065            | Type IB                       | 42.543                   | \$45,308                                     |
| Crest Court: Marston to North End         | 177                | 57                | 1,123            | Type IB                       | 42.543                   | \$47,775                                     |
| Greenview Drive: Bemis to Marston         | 401                | 29                | 1,293            | Type IB                       | 42.543                   | \$55,008                                     |
| Sheehan: Jonathon to Sunnybrook           | 735                | 24                | 1,960            | Type IA                       | 30.388                   | \$59,560                                     |
| Braeburn Ct: Sheehan to South End         | 360                | 24                | 960              | Type IA                       | 30.388                   | \$29,172                                     |
| Chapel Ct., North and South               | 1,523              | 24                | 4,061            | Type IB                       | 42.543                   | \$172,780                                    |
| Marston: West End to Maple                | 365                | 21                | 852              | Type IA                       | 30.388                   | \$25,880                                     |
| Lynn Road: Swift to West End              | 507                | 24                | 1,352            | Type IA                       | 30.388                   | \$41,084                                     |
| <b>Totals (Cost Excludes Engineering)</b> | <b>10,791</b>      | <b>-</b>          | <b>32,326</b>    | <b>-</b>                      | <b>-</b>                 | <b>\$1,235,507</b>                           |

## Project #2 Utility Improvements

The selected consultant should anticipate the incorporation of storm sewer and drainage improvements in unison with roadway improvements. All streets above would involve some level of storm sewer system rehabilitation, extensions, addition of storm sewer laterals for sump pumps, etcetera. In addition, the selected consultant should anticipate the addition of sanitary sewer system spot repairs, to be identified during the design phase by review of sewer televising videos. The budgetary allowance for sanitary sewer spot repairs/adjustments/etcetera is \$291,722.

### **Scope of Services/Tasks/Deliverables for Project #1 and Project #2:**

The services/tasks including, but not limited to, the following will need to be performed/provided as designated for each Project. Respondents shall include any additional tasks required for the completion of the requested services and shall identify the additional tasks by ***bolding and italicizing*** them in their Proposal(s).

**Consultant shall provide Phase II Engineering Services for the above referenced projects including the following:**

#### Phase 1 - Pre-Final Engineering (75% Complete):

- Conduct a complete and detailed topographical survey (including all above & underground utilities, structures, ground contours at 1-foot intervals, critical ground spot elevations, trees 6-inches & larger in diameter, fences, mature landscaping, bushes, property lines, etc.) of each Project work site and extending a minimum 100-feet, or longer as necessary, beyond the limits of the proposed work. **The topographical survey shall be limited to that needed to implement the proposed improvements.**
- Geotechnical Soil Borings as required to determine subsurface conditions (soil types, pH, CBR, Atterberg Limits, Conductivity, Standard Proctor, etc.)
- Pavement cores as required to confirm pavement section.
- Historical Database Review of all potential soil contaminants sites and Highway Authority Agreements
- Coordination with the Village's GIS Consortium contact to obtain all available aerial contour mapping and utility data for each Project work site and immediately surrounding area. This data is only intended to supplement and not replace the detailed field topographical survey. The selected consultant will need to execute a data sharing agreement with the Village to obtain said data.
- Utility Coordination (Nicor, ComEd, AT&T, Comcast, etc.) and resolution of all conflicts. This will include a design stage J.U.L.I.E. and utility map request from all utility owners located within and adjacent to each Project site to ensure all possible conflicts are accounted for.
- Review and incorporation of all Village provided archived project "as-constructed" information in the design documents.
- Review of Village provided storm and sanitary sewer televising videos for identification and incorporation of sewer repairs in project.
- Review of sidewalk and curbs for identification and incorporation of spot repairs (as applicable).
- Wetland delineation and initial submittal to the United States Army Corps of Engineers (USACOE) for the necessary Permits or Letters of No Objection.
- Value Engineering of each proposed project concept plan to determine if any cost savings measures are available.
- Identification and initial submittal of all other required and applicable remaining Permits, including, but not limited to Village of Glen Ellyn, Illinois Department of Transportation (IDOT),

Illinois Environmental Protection Agency (IEPA), Illinois Department of Natural Resources (IDNR), etc.

- Preparation of Pre-Final Engineering Drawings (Exist. & Proposed Conditions Plan, Utility & Profiles), Quantities, Specifications, Details, Cost Estimate, etc.) to be reviewed/approved by Village staff. Specifications shall be provided in electronic word document format; Two (2) full-size and two (2) half-size paper copies of the drawings shall be provided along with one electronic copy (pdf format).
- Identification and acquisition of the required temporary and permanent easement(s), which will involve acting as the Village representative in all correspondence and meetings with the property owners, etc.
- Preparation of the necessary Temporary & Permanent Easement Plat(s), including legal and easement descriptions.
- Evaluation to determine if any stormwater Best Management Practices (BMPs), including green infrastructure improvements, can be incorporated.

#### Phase 2 - Final Engineering/Bid Package:

- Procurement of all required and applicable Permits, including, but not limited to the Village of Glen Ellyn, DuPage County, IDOT, IEPA, IDNR, etc.
- Final Engineering Drawing Set (including, but not limited to Title Sheet, Summary of Quantities, Traffic Control & Protection, Grading Plans, SWPP, Utility Plans, Utility Crossing Data at all major locations, Sewer Profiles, Cross-Sections, Tree Removal & Preservation Plan, Restoration/Landscape Plan, Tree Plantings, Details, General Notes, etc.) and Final Construction Estimate. Fifteen (15) hard copies of each shall be provided. All drawings will be full-sized (24"x36"). One electronic copy (pdf format) of each will also be provided.
- Preparation of Bidding/Construction Contract by providing all Specific Project Specifications and Special Provisions. Note that general conditions and other "front end" Contract documents will be provided by Village. The Village also has Special Provisions that the Consultant shall utilize as pertinent to the assignment.
- Finalize and/or follow-up on any grants applied for and to ensure project(s) eligibility is maintained.

#### Phase 3 - Competitive Bidding Process:

- Assist Village in Competitive Bidding Process with Area Contractors by:
  - Answering technical questions from contractors during bidding process.
  - Issuing any Addendums, if necessary.
  - Reviewing first and second low bidder references, similar work history and availability.

#### Anticipated Schedule:

It is the Village's intent to review proposals immediately following the proposal due date/time and recommend approval of engineering agreements to the Village Board of Trustees immediately thereafter. Selected firms shall commence work immediately upon execution of a Contract and Notice of Award. The tentative but negotiable completion dates for the respective Projects are as follows:

**Completion Date Table**

| Project # | Phase 1   | Phase 2   | Phase 3   |
|-----------|-----------|-----------|-----------|
| 1         | 3/20/2020 | 4/30/2020 | 5/15/2020 |
| 2         | 3/20/2020 | 4/17/2020 | 5/1/2020  |

**Instructions to Proposers:****Preparation of Proposals**

All proposals must be signed by an authorized official. Proposals that contain omissions, erasures, alterations, or additions not called for, conditional or alternate bids unless called for, or that contain irregularities of any kind may be rejected.

Proposers are not required to submit a proposal for all Projects; Proposers are invited to submit a proposal for each project that it feels qualified to complete. **Please note, Proposals shall be clearly separated by project.**

**Clarifications**

Village reserves the right to make clarifications, corrections, or changes in this RFP at any time prior to the time proposals are opened. All proposers or prospective proposers will be informed of said clarifications, corrections, or changes.

**Delivery of Proposals**

Please submit **four (4) paper copies** of your proposals in a sealed envelope plainly marked with the title of the project and firm's full legal name to the **Village of Glen Ellyn, Public Works Reno Service Center, 30 South Lambert Road, Glen Ellyn, IL 60137, Attention: Rich Daubert, P.E., Professional Engineer, as soon as possible but no later than 3:30 p.m. on Friday, January 10, 2020.** In addition, **please submit one (1) CD-ROM or USB flash drive containing your proposal.** Proposals may be delivered by mail or in person. Proposals received after the time specified above will be returned unopened.

**Freedom of Information Act**

All information submitted to the Village in response to this Request for Proposals shall be deemed a public record and will be subject to disclosure under the Illinois Freedom of Information Act (5 ILCS 140 *et seq.*) subsequent to the award of the contract. Proposers are advised that Section 7(1)(g) of that Act exempts the following from disclosure:

Trade secrets and commercial or financial information obtained from a person or business where the trade secrets or commercial or financial information are furnished under a claim that they are proprietary, privileged or confidential, and that disclosure of the trade secrets or commercial or financial information would cause competitive harm to the person or business, and only insofar as the claim directly applies to the records requested.

Proposers desiring to have portions of their proposals considered exempt shall mark these portions accordingly.

**Withdrawal of Proposals**

No proposal shall be withdrawn for a period of 90 days after the opening of any proposal.

**Rejection of Proposals**

Proposals that are not prepared in accordance with these Instructions to Proposers may be rejected. If not rejected, Village may demand correction of any deficiency and accept the deficiently prepared proposal upon compliance with these Instructions to Proposers.

**Acceptance of Proposals**

Proposals submitted are offers only and the decision to accept or reject is a function of quality, reliability, capability, reputation, and expertise of the Proposers.

The Village reserves the right to accept the proposal that is, in its judgment, the best and most favorable to the interests of Village and to the public based on the evaluation factors in this RFP; to reject the low price proposal; to accept any item of any proposal; to reject any and all proposals; and to waive irregularities and informalities in any proposal submitted or in the request for proposal process; provided, however, the waiver of any prior defect or informality shall not be considered a waiver of any future or similar defect or informality. Proposers should not rely upon, or anticipate, such waivers in submitting their proposal.

**Evaluation of Proposals:**

The submitted proposals will be reviewed/selected based upon factors in this RFP and including the following:

- (1) Firm Information (size, location, history, resources, etc.);
- (2) Experience on similar projects with references (name, title, address, phone, e-mail & fax numbers) within the last three years only;
- (3) Qualifications (resumes) of personnel assigned to work on the project (project team), organizational chart, etc.;
- (4) Ability to meet project deadlines (provide schedule with work items/staff hours needed, critical path items, etc.);
- (5) Completeness of project approach (detailed scope of services/tasks, etc.)
- (6) **Any additional services/tasks not identified in this RFP that the consultant believes will improve the project, reduce costs and time, etc.; and**
- (7) Project Costs as follows:

**Not-To-Exceed Cost:** Respondents shall provide a Not-To-Exceed Cost including supporting documentation for formulating the Not-To-Exceed Cost including hours, hourly rates, and direct costs/reimbursable expenses for each Phase of Work; Of particular importance to facilitate the timely advancement of the field survey work; we ask that firms clearly separate the field topographic survey work in the proposals.

Follow-up discussions may be conducted with several firm(s) to resolve any questions, finalize the scope of work and agreement on final not-to-exceed or total fixed price costs as a means to recommend final selection to the Board of Trustees.

**Consultant Services Contract/Professional Services Agreement:**

The Village's Sample Consultant Services Contract is attached for reference. The final form of the Contract is negotiable.

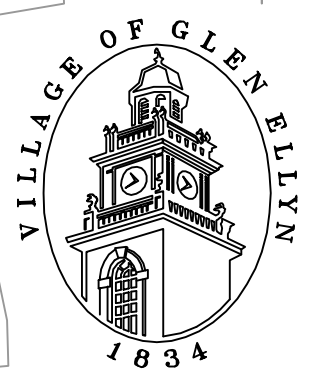
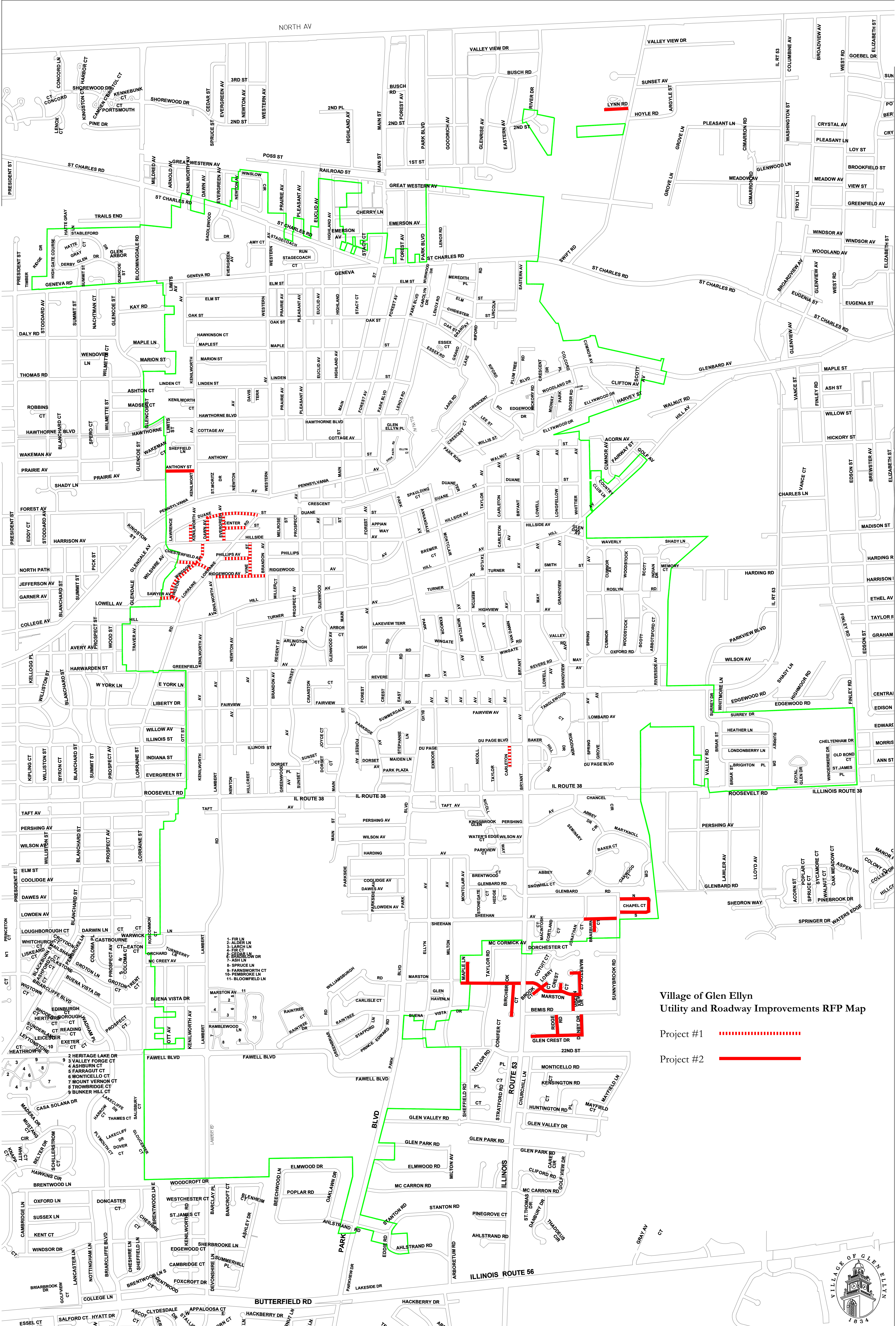
**Appendix:**

- Utility and Roadway Improvements RFP Map
- Sample Consultant Services Contract

**Questions:**

If you have any questions or need additional information regarding this RFP, contact Rich Daubert, P.E., Professional Engineer by email at [rdaubert@glenellyn.org](mailto:rdaubert@glenellyn.org). Pertinent inquiries that could impact the response to this RFP will be answered in email and circulated to all entities who have received a copy of this RFP.







CONTRACT BETWEEN  
THE VILLAGE OF GLEN ELLYN  
AND  
*Selected Consultant*

SAMPLE

**CONTRACT BETWEEN**  
**THE VILLAGE OF GLEN ELLYN**  
**AND**

***Consultant and Project Name***

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**ATTACHMENT A** - Supplemental Schedule of Contract Terms

**ATTACHMENT B** - Scope of Services & Consultant's Proposal

**ATTACHMENT C** - Schedule

**CONTRACT BETWEEN**  
**THE VILLAGE OF GLEN ELLYN**  
**AND**

***Selected Consultant and Project Name***

In consideration of the mutual promises set forth below, the Village of Glen Ellyn, 535 Duane Street, Glen Ellyn, Illinois 60137, a unit of local government created and existing under the laws of the State of Illinois ("Owner"), and **Selected Consultant** an **Illinois** corporation ("Consultant"), make this Contract as of the **Date** day of **Month**, 2020, and hereby agree as follows:

**ARTICLE I**  
**THE SERVICES**

**1.1 Performance of the Services**

Consultant shall, at its sole cost and expense, provide, perform, and complete all of the following, all of which is herein referred to as the "Services":

1. Labor, Equipment, Materials, and Supplies. Provide, perform, and complete, in the manner described and specified in this Contract, all necessary work, labor, services, transportation, equipment, materials, apparatus, information, data, and other items necessary to accomplish the Project, as defined in Attachment A, in accordance with the Scope of Services attached hereto as Attachment B, and the Submittal Requirements attached hereto as Attachment C.
2. Approvals. Procure and furnish all approvals and authorizations specified in Attachment A.
3. Insurance. Procure and furnish all certificates and policies of insurance specified in this Contract.
4. Quality. Provide, perform, and complete all of the foregoing in a proper and workmanlike manner, consistent with the highest standards of professional practice and in full compliance with, and as required by or pursuant to, this Contract.

**1.2 Commencement and Completion Dates**

Consultant shall commence the Services not later than the "Commencement Date" set forth on Attachment A and shall diligently and continuously prosecute the Services at such a rate as will allow the Services to be fully provided, performed, and completed in full compliance with this Contract not later than the "Completion Date" or, if the Services are to be performed in separate phases with separate completion dates, the "Completion Dates" set forth in Attachment A. The time of commencement, rate of progress, and time of completion are referred to in this Contract as the "Contract Time."

### 1.3 **Required Submittals**

A. **Submittals Required.** Consultant shall submit to Owner all reports, documents, data, and information specifically set forth in Attachment C or otherwise required to be submitted by Consultant under this Contract and shall, in addition, submit to Owner all such reports, documents, data, and information as may be requested by Owner to fully document the Services (“Required Submittals”).

B. **Time of Submission and Owner’s Review.** All Required Submittals shall be provided to Owner no later than the time, if any, specified in Attachment C or otherwise in this Contract. If no time for submission is specified for any Required Submittal, such Submittal shall be submitted within a reasonable time in light of its purpose and, in all events, in sufficient time, in Owner’s sole opinion, to permit Owner to review the same prior to the commencement of any part of the Services to which such Required Submittal may relate. Owner shall have the right to require such corrections as may be necessary to make any Required Submittal conform to this Contract. No Services related to any Required Submittal shall be performed by Consultant until Owner has completed review of such Required Submittal with no exception noted. Owner’s review and stamping of any Required Submittal shall not relieve Consultant of the entire responsibility for the performance of the Services in full compliance with, and as required by or pursuant to this Contract, and shall not be regarded as any assumption of risk or liability by Owner.

C. **Responsibility for Delay.** Consultant shall be responsible for any delay in the Services due to delay in providing Required Submittals conforming to this Contract.

### 1.4 **Review and Incorporation of Contract Provisions**

Consultant represents and warrants that it has carefully reviewed, and fully understood, this Contract, including all of its Attachments, all of which are by this reference incorporated into and made a part of this Contract.

### 1.5 **Financial and Technical Ability to Perform**

Consultant represents and warrants that it is financially solvent, and has the financial resources necessary, and that it is sufficiently experienced and competent, and has the necessary capital, facilities, plant, organization, and staff necessary, to provide, perform, and complete the Services in full compliance with, and as required by or pursuant to, this Contract.

### 1.6 **Time**

Consultant represents and warrants that it is ready, willing, able, and prepared to begin the Services on the Commencement Date and that the Contract Time is sufficient time to permit completion of the Services in full compliance with, and as required by or pursuant to, this Contract for the Contract Price.

### 1.7 **Consultant’s Personnel and Subcontractors**

A. **Consultant’s Personnel.** Consultant shall provide all personnel necessary to complete the Services, including without limitation the Personnel identified in Attachment B-1. Consultant shall provide to Owner telephone numbers at which the Key Project Personnel can be reached on a 24 hour basis. Consultant and Owner may by mutual written agreement make changes and additions to the designations of Key Project Personnel. Prior to terminating the employment of any Key Project Personnel, or reassigning any of the Key Project Personnel to other positions, or upon receiving notification of the resignation of any of the Key Project Personnel, Consultant shall notify Owner as soon as practicable in advance of such proposed termination, reassignment, or resignation. Consultant shall submit justification, including a description of proposed substitute personnel, in sufficient detail to permit evaluation by Owner of the

impact of the proposed action on the Services. No such termination or reassignment shall be made by Consultant without prior written approval of Owner. Consultant shall have no claim for damages, for compensation in excess of the Contract Price, or for a delay or extension of the Contract Time as a result of any such termination, reassignment, resignation, or substitution.

Key Project Personnel Contact Information:

Name/Project Function:

Telephone:

E-Mail:

Insert Key Project Personnel Information

B. Approval and Use of Subcontractors. Consultant shall perform the Services with its own personnel and under the management, supervision, and control of its own organization unless otherwise approved by Owner in writing. All subcontractors and subcontracts used by Consultant shall be acceptable to, and approved in advance by, Owner. Owner's approval of any subcontractor or subcontract shall not relieve Consultant of full responsibility and liability for the provision, performance, and completion of the Services in full compliance with, and as required by or pursuant to, this Contract. All Services performed under any subcontract shall be subject to all of the provisions of this Contract in the same manner as if performed by employees of Consultant. Every reference in this Contract to "Consultant" shall be deemed also to refer to all subcontractors of Consultant. Every subcontract shall include a provision binding the subcontractor to all provisions of this Contract.

C. Removal of Personnel and Subcontractors. If any personnel or subcontractor fails to perform the part of the Services undertaken by it in a manner satisfactory to Owner, Consultant shall immediately upon notice from Owner remove and replace such personnel or subcontractor. Consultant shall have no claim for damages, for compensation in excess of the Contract Price, or for a delay or extension of the Contract Time as a result of any such removal or replacement.

## 1.8 Owner's Responsibilities

Owner shall, at its sole cost and expense: (a) designate in writing a person with authority to act as Owner's representative and on Owner's behalf with respect to the Services except those matters that may require Board approval of Owner; (b) provide to Consultant all criteria and full information as to Owner's requirements for the Project or work to which the Services relate, including Owner's objectives and constraints, schedule, space, capacity and performance requirements, and budgetary limitations relevant to the Project; (c) provide to Consultant all existing studies, reports, and other available data relevant to the Project; (d) arrange for access to and make all provisions for Consultant to enter upon public and private property as reasonably required for Consultant to perform the Services; (e) provide surveys describing physical characteristics, legal limitations, and utility locations for the Project when such services are reasonably requested by the Consultant, are necessary for the performance of the Services, and are not already provided for in Attachments B; (f) review and comment on all Required Submittals and other reports, documents, data, and information presented by Consultant; (g) except as otherwise provided in Attachment A, provide approvals from all governmental authorities having jurisdiction over the Project when such services are reasonably requested by the Consultant, are necessary for the performance of the Services, and are not already provided for in Attachments B; (h) except as provided in Article IV of this Contract provide, all accounting, insurance, and legal counseling services as may be necessary from time to time in the sole judgment of Owner to protect Owner's interests with respect to the Project; (i) attend Project related meetings; and (j) give prompt written notice to Consultant whenever Owner observes or otherwise becomes aware of any development that affects the scope or timing of the Services, provided, however, that failure to give such notice shall not relieve Consultant of any of its responsibilities under this Contract.

**1.9 Owner's Right to Terminate or Suspend Services for Convenience**

A. Termination or Suspension for Convenience. Owner shall have the right, for its convenience, to terminate or suspend the Services in whole or in part at any time by written notice to Consultant. Every such notice shall state the extent and effective date of such termination or suspension. On such effective date, Consultant shall, as and to the extent directed, stop Services under this Contract, cease all placement of further orders or subcontracts, terminate or suspend Services under existing orders and subcontracts, and cancel any outstanding orders or subcontracts that may be canceled.

B. Payment for Completed Services. In the event of any termination pursuant to Subsection 1.9A above, Owner shall pay Consultant (1) such direct costs, including overhead, as Consultant shall have paid or incurred for all Services done in compliance with, and as required by or pursuant to, this Contract up to the effective date of termination; and (2) such other costs pertaining to the Services, exclusive of overhead and profit, as Consultant may have reasonably and necessarily incurred as the result of such termination. Any such payment shall be offset by any prior payment or payments and shall be subject to Owner's rights to withhold and deduct as provided in this Contract.

**ARTICLE II**  
**CHANGES AND DELAYS****2.1 Changes**

Owner shall have the right, by written order executed by Owner, to make changes in the Contract, the Project, the Services and the Contract Time ("Change Order"). If any Change Order causes an increase or decrease in the amount of the Services, an equitable adjustment in the Contract Price or Contract Time may be made. No decrease in the amount of the Services caused by any Change Order shall entitle Consultant to make any claim for damages, anticipated profits, or other compensation.

**2.2 Delays**

For any delay that may result from causes that could not be avoided or controlled by Consultant, Consultant shall, upon timely written application, be entitled to issuance of a Change Order providing for an extension of the Contract Time for a period of time equal to the delay resulting from such unavoidable cause. No extension of the Contract Time shall be allowed for any other delay in completion of the Services.

**2.3 No Constructive Change Orders**

No claims for equitable adjustments in the Contract Price or Contract Time shall be made or allowed unless embodied in a Change Order. If Owner fails to issue a Change Order including, or fully including, an equitable adjustment in the Contract Price or Contract Time to which Consultant claims it is entitled, or, if Consultant believes that any requirement, direction, instruction, interpretation, determination, or decision of Owner entitles Consultant to an equitable adjustment in the Contract Price or Contract Time that has not been included, or fully included, in a Change Order, then Consultant shall submit to Owner a written request for the issuance of, or revision of, a Change Order, including the equitable adjustment, or the additional equitable adjustment, in the Contract Price or Contract Time that Consultant claims has not been included, or fully included, in a Change Order. Such request shall be submitted before Consultant proceeds with any Services for which Consultant claims an equitable adjustment is due and shall, in all events, be submitted no later than two business days after receipt of such Change Order or receipt of notice of such requirement, direction, instruction, interpretation, determination, or decision. Notwithstanding the submission of any such request, Consultant shall, unless otherwise directed by Owner within two business days after receipt by Owner of such request, proceed without delay to perform the Services in compliance with the Change Order or as required, directed, instructed, interpreted, or decided by Owner and shall,

pending a final resolution of the issue, keep a daily record of such Services. Unless Consultant submits such a request within two business days after receipt of such Change Order or receipt of notice of such requirement, direction, instruction, interpretation, determination, or decision, Consultant shall be conclusively deemed (1) to have agreed that such Change Order, requirement, direction, instruction, interpretation, determination, or decision does not entitle Consultant to an equitable adjustment in the Contract Price or Contract Time and (2) to have waived all claims based on such Change Order, requirement, direction, instruction, interpretation, determination, or decision.

### ARTICLE III

#### **CONSULTANT'S RESPONSIBILITY FOR DEFECTIVE SERVICES**

##### **3.1 Consultant's Responsibilities.**

A. Standard of Care. Consultant agrees that the Services and all components thereof shall conform to the requirements of this Contract; shall be fit, sufficient and suitable for the purposes expressed in, or reasonably inferred from, this Contract; shall be performed in accordance with the standards of professional practice, care and diligence practiced by recognized consulting firms performing services of a similar nature in existence at the time of performance of the Services; and the Services shall free from defects and flaws in design consistent with such standards of professional practice, care and diligence. The standards and obligations contained herein shall be in addition to any other requirements expressed in this Contract, or expressed or implied by law, which are hereby reserved unto Owner.

B. Opinions of Cost. It is recognized that neither Consultant nor Owner has control over the costs of labor, material, equipment or services furnished by others or over competitive bidding, market or negotiating conditions, or construction contractors' methods of determining their prices. Accordingly, any opinions of probable Project costs or construction costs provided for herein are estimates only, made on the basis of Consultant's experience and qualifications and represent Consultant's best judgment as an experienced and qualified professional, familiar with the industry. Consultant does not guaranty that proposals, bids or actual Project costs or construction costs will not vary from opinions of probable cost prepared by Consultant.

##### **3.2 Corrections**

Consultant shall be responsible for the quality, technical accuracy, completeness and coordination of all reports, documents, data, information and other items and services under this Contract. Consultant shall, promptly and without charge, provide, to the satisfaction of Owner, all corrective Services necessary as a result of Consultant's errors, omissions, negligent acts, or failure to meet the standard of care.

##### **3.3 Risk of Loss**

The Services and everything pertaining thereto shall be provided, performed, and completed at the sole risk and cost of Consultant. Consultant shall be responsible for any and all damages to property or persons as a result of Consultant's errors, omissions, negligent acts, or failure to meet the standard of care and for any losses or costs to repair or remedy any work undertaken by Owner based upon the Services as a result of any such errors, omissions, negligent acts or failure to meet the standard of care. Notwithstanding any other provision of this Contract, Consultant's obligations under this Section 3.3 shall exist without regard to, and shall not be construed to be waived by, the availability or unavailability of any insurance, either of Owner or Consultant, to indemnify, hold harmless or reimburse Consultant for such damages, losses or costs.



## **ARTICLE IV**

### **FINANCIAL ASSURANCES**

#### **4.1 Insurance**

Contemporaneous with Consultant's execution of this Contract, Consultant shall provide certificates and policies of insurance evidencing at least the minimum insurance coverages and limits set forth in Attachment A. For good cause shown, Owner may extend the time for submission of the required policies of insurance upon such terms, and with such assurances of complete and prompt performance, as Owner may impose in the exercise of its sole discretion. **Such policies shall be in a form acceptable to Owner and from companies with a general rating of A minus and a financial size category of Class X or better in Best's Insurance Guide and otherwise acceptable to Owner. Such insurance shall provide that no change, modification in, or cancellation of any insurance shall become effective until the expiration of 30 days after written notice thereof shall have been given by the insurance company to Owner.** Consultant shall, at all times while providing, performing, or completing the Services, including, without limitation, at all times while correcting any failure to meet the standard of care pursuant to Section 3.2 of this Contract, maintain and keep in force, at Consultant's expense, at least the minimum insurance coverages and limits set forth in Attachment A.

#### **4.2 Indemnification**

Consultant shall, without regard to the availability or unavailability of any insurance, either of Owner or Consultant, indemnify, save harmless, and defend Owner against any and all lawsuits, claims, demands, damages, liabilities, losses, and expenses, including attorneys' fees and administrative expenses, that may arise, or be alleged to have arisen, out of or in connection with Consultant's performance of, or failure to perform, the Services or any part thereof, whether or not due or claimed to be due in whole or in part to the active, passive, or concurrent negligence or fault of Consultant, except to the extent caused by the sole negligence of Owner.

## **ARTICLE V**

### **PAYMENT**

#### **5.1 Contract Price**

Owner shall pay to Consultant, in accordance with and subject to the terms and conditions set forth in this Article V and Attachment A, and Consultant shall accept in full satisfaction for providing, performing, and completing the Services, the amount or amounts set forth in Attachment A (the "Contract Price"), subject to any additions, deductions, or withholdings provided for in this Contract.

#### **5.2 Taxes, Benefits and Royalties**

The Contract Price includes all applicable federal, state, and local taxes of every kind and nature applicable to the Services as well as all taxes, contributions, and premiums for unemployment insurance, old age or retirement benefits, pensions, annuities, or other similar benefits and all costs, royalties, and fees arising from the use on, or the incorporation into, the Services, of patented equipment, materials, supplies, tools, appliances, devices, processes, or inventions. All claim or right to claim additional compensation by reason of the payment of any such tax, contribution, premium, costs, royalties, or fees is hereby waived and released by Consultant.

### 5.3 Progress Payments

A. Payment in Installments. The Contract Price shall be paid in the manner set forth in Attachment A (“Progress Payments”).

B. Pay Requests. Consultant shall, as a condition precedent to its right to receive each Progress Payment, submit to Owner an invoice accompanied by such receipts, vouchers, and other documents as may be necessary to establish Consultant’s prior payment for all labor, material, and other things covered by the invoice and the absence of any interest, whether in the nature of a lien or otherwise, of any party in any property, work, or fund with respect to the Services performed under this Contract. In addition to the foregoing, such invoice shall include (a) employee name, employee classification name, rates per hour, and hours worked by each employee, and, if the Services are to be performed in separate phases, for each phase; (b) total amount billed in the current period and total amount billed to date, and, if the Services are to be performed in separate phases, for each phase; (c) the estimated percent completion, and, if the Services are to be performed in separate phases, for each phase; and (d) Consultant’s certification that all prior Progress Payments have been properly applied to the Services with respect to which they were paid. Owner may, by written notice to Consultant, designate a specific day of each month on or before which pay requests must be submitted.

### 5.4 Final Acceptance and Final Payment

The Services, or, if the Services are to be performed in separate phases, each phase of the Services, shall be considered complete on the date of final written acceptance by Owner of the Services or each phase of the Services, as the case may be, which acceptance shall not be unreasonably withheld or delayed. The Services or each phase of the Services, as the case may be, shall be deemed accepted by Owner if not objected to in writing within 60 days after submission by Consultant of the Services or such phase of Services for final acceptance and payment plus, if applicable, such additional time as may be considered reasonable for obtaining approval of governmental authorities having jurisdiction to approve the Services, or phase of Services, as the case may be. As soon as practicable after final acceptance, Owner shall pay to Consultant the balance of the Contract Price or, if the Services are to be performed in separate phases, the balance of that portion of the Contract Price with respect to such phase of the Services, after deducting therefrom all charges against Consultant as provided for in this Contract (“Final Payment”). The acceptance by Consultant of Final Payment with respect to the Services or a particular phase of Services, as the case may be, shall operate as a full and complete release of Owner of and from any and all lawsuits, claims, demands, damages, liabilities, losses, and expenses of, by, or to Consultant for anything done, furnished for, arising out of, relating to, or in connection with the Services or a particular phase of Services, as the case may be, or for or on account of any act or neglect of Owner arising out of, relating to, or in connection with the Services or a particular phase of Services, as the case may be.

### 5.5 Deductions

A. Owner’s Right to Withhold. Notwithstanding any other provision of this Contract and without prejudice to any of Owner’s other rights or remedies, Owner shall have the right at any time or times, whether before or after approval of any pay request, to deduct and withhold from any Progress or Final Payment that may be or become due under this Contract such amount as may reasonably appear necessary to compensate Owner for any actual or prospective loss due to: (1) Services that are defective, damaged, flawed, unsuitable, nonconforming, or incomplete; (2) damage for which Consultant is liable under this Contract; (3) liens or claims of lien regardless of merit; (4) claims of subcontractors, suppliers, or other persons regardless of merit; (5) delay in the progress or completion of the Services; (6) inability of Consultant to complete the Services; (7) failure of Consultant to properly complete or document any pay request; (8) any other failure of Consultant to perform any of its obligations under this Contract; or (9) the

cost to Owner, including attorneys' fees and administrative costs, of correcting any of the aforesaid matters or exercising any one or more of Owner's remedies set forth in Section 6.1 of this Contract.

B. Use of Withheld Funds. Owner shall be entitled to retain any and all amounts withheld pursuant to Subsection 5.5A above until Consultant shall have either performed the obligations in question or furnished security for such performance satisfactory to Owner. Owner shall be entitled to apply any money withheld or any other money due Consultant under this Contract to reimburse itself for any and all costs, expenses, losses, damages, liabilities, suits, judgments, awards, attorneys' fees, and administrative expenses incurred, suffered, or sustained by Owner and chargeable to Consultant under this Contract.

## **5.6 Accounting**

Consultant shall keep accounts, books, and other records of all its billable charges and costs incurred in performing the Services in accordance with generally accepted accounting practices, consistently applied, and in such manner as to permit verification of all entries. Consultant shall make all such material available for inspection by Owner, at all reasonable times during this Contract and for a period of three years following termination of this Contract. Copies of such material shall be furnished, at Owner's expense, upon request.

# **ARTICLE VI REMEDIES**

## **6.1 Owner's Remedies**

If it should appear at any time prior to Final Payment for all work that Consultant has failed or refused to prosecute, or has delayed in the prosecution of, the Services with diligence at a rate that assures completion of the Services in full compliance with the requirements of this Contract, or has attempted to assign this Contract or Consultant's rights under this Contract, either in whole or in part, or has falsely made any representation or warranty in this Contract, or has otherwise failed, refused, or delayed to perform or satisfy any other requirement of this Contract or has failed to pay its debts as they come due ("Event of Default"), and has failed to cure any such Event of Default within five business days after Consultant's receipt of written notice of such Event of Default, then Owner shall have the right, at its election and without prejudice to any other remedies provided by law or equity, to pursue any one or more of the following remedies:

1. Owner may require Consultant, within such reasonable time as may be fixed by Owner, to complete or correct all or any part of the Services that are defective, damaged, flawed, unsuitable, nonconforming, or incomplete; to accelerate all or any part of the Services; and to take any or all other action necessary to bring Consultant and the Services into strict compliance with this Contract.
2. Owner may accept the defective, damaged, flawed, unsuitable, nonconforming, incomplete, or dilatory Services or part thereof and make an equitable reduction in the Contract Price.
3. Owner may terminate this Contract without liability for further payment of amounts due or to become due under this Contract.
4. Owner may withhold from any Progress Payment or Final Payment, whether or not previously approved, or may recover from Consultant, any and all costs, including attorneys' fees and administrative expenses, incurred by Owner as the

result of any Event of Default or as a result of actions taken by Owner in response to any Event of Default.

5. Owner may recover any damages suffered by Owner.

## **6.2 Terminations and Suspensions Deemed for Convenience**

Any termination or suspension of Consultant's rights under this Contract for an alleged default that is ultimately held unjustified shall automatically be deemed to be a termination or suspension for the convenience of Owner under Section 1.9 of this Contract.

# **ARTICLE VII LEGAL RELATIONSHIPS AND REQUIREMENTS**

## **7.1 Binding Effect**

This Contract shall be binding upon Owner and Consultant and upon their respective heirs, executors, administrators, personal representatives, and permitted successors and assigns. Every reference in this Contract to a party shall also be deemed to be a reference to the authorized officers, employees, agents, and representatives of such party.

## **7.2 Relationship of the Parties**

Consultant shall act as an independent contractor in providing and performing the Services. Nothing in or done pursuant to, this Contract shall be construed (1) to create the relationship of principal and agent, partners, or joint venturers between Owner and Consultant or (2) to create any relationship between Owner and any subcontractor of Consultant.

## **7.3 No Collusion**

Consultant hereby represents and certifies that Consultant is not barred from contracting with a unit of state or local government as a result of (i) a delinquency in the payment of any tax administered by the Illinois Department of Revenue unless Consultant is contesting, in accordance with the procedures established by the appropriate revenue Act, its liability for the tax or the amount of the tax, as set forth in 65 ILCS 5/11-42.1-1; or (ii) a violation of either Section 33E-3 or Section 33E-4 of Article 33E of the Criminal Code of 1961, 720 ILCS 5/33E-1 et seq. Consultant hereby represents that the only persons, firms, or corporations interested in this Contract as principals are those disclosed to Owner prior to the execution of this Contract, and that this Contract is made without collusion with any other person, firm, or corporation. If at any time it shall be found that Consultant has, in procuring this Contract, colluded with any other person, firm, or corporation, then Consultant shall be liable to Owner for all loss or damage that Owner may suffer thereby, and this Contract shall, at Owner's option, be null and void.

## **7.4 Assignment**

Consultant shall not (1) assign this Contract in whole or in part, (2) assign any of Consultant's rights or obligations under this Contract, or (3) assign any payment due or to become due under this Contract without the prior express written approval of Owner, which approval may be withheld in the sole and unfettered discretion of Owner; provided, however, that Owner's prior written approval shall not be required for assignments of accounts, as defined in the Illinois Commercial Code, if to do so would violate Section 9-318 of the Illinois Commercial Code, 810 ILCS 5/9-318. Owner may assign this Contract, in whole or in part, or any or all of its rights or obligations under this Contract, without the consent of Consultant.

**7.5 Confidential Information**

All information supplied by Owner to Consultant for or in connection with this Contract or the Services shall be held confidential by Consultant and shall not, without the prior express written consent of Owner, be used for any purpose other than performance of the Services.

**7.6 No Waiver**

No examination, inspection, investigation, test, measurement, review, determination, decision, certificate, or approval by Owner, nor any order by Owner for the payment of money, nor any payment for, or use, occupancy, possession, or acceptance of, the whole or any part of the Services by Owner, nor any extension of time granted by Owner, nor any delay by Owner in exercising any right under this Contract, nor any other act or omission of Owner shall constitute or be deemed to be an acceptance of any defective, damaged, flawed, unsuitable, nonconforming, or incomplete Services, nor operate to waive or otherwise diminish the effect of any warranty or representation made by Consultant; or of any requirement or provision of this Contract; or of any remedy, power, or right of Owner.

**7.7 No Third Party Beneficiaries**

No claim as a third party beneficiary under this Contract by any person, firm, or corporation other than Consultant shall be made or be valid against Owner.

**7.8 Notices**

All notices required or permitted to be given under this Contract shall be in writing and shall be deemed received by the addressee thereof when delivered in person on a business day at the address set forth below or on the third business day after being deposited in any main or branch United States post office, for delivery at the address set forth below by properly addressed, postage prepaid, certified or registered mail, return receipt requested.

Notices and communications to Owner shall be addressed to, and delivered at, the following address:

Village of Glen Ellyn  
Public Works Department/ 30 South Lambert Road  
Glen Ellyn, Illinois 60137  
Attention: Rich Daubert, Professional Engineer

Notices and communications to Consultant shall be addressed to, and delivered at, the following address:

***Insert Selected Consultant Information***

The foregoing shall not be deemed to preclude the use of other non-oral means of notification or to invalidate any notice properly given by any such other non-oral means.

By notice complying with the requirements of this Section 7.8, Owner and Consultant each shall have the right to change the address or addressee or both for all future notices to it, but no notice of a change of address or addressee shall be effective until actually received.

**7.9 Governing Laws**

This Contract and the rights of Owner and Consultant under this Contract shall be interpreted according to the internal laws, but not the conflict of laws rules, of the State of Illinois.

**7.10 Changes in Laws**

Unless otherwise explicitly provided in this Contract, any reference to laws shall include such laws as they may be amended or modified from time to time.

**7.11 Compliance with Laws and Grants**

Consultant shall give all notices, pay all fees, and take all other action that may be necessary to ensure that the Services are provided, performed, and completed in accordance with all required governmental permits, licenses, or other approvals and authorizations that may be required in connection with providing, performing, and completing the Services, and with all applicable statutes, ordinances, rules, and regulations, including without limitation the Fair Labor Standards Act; any statutes regarding qualification to do business; any statutes prohibiting discrimination because of, or requiring affirmative action based on, race, creed, color, national origin, age, sex, or other prohibited classification, including, without limitation, the Americans with Disabilities Act of 1990, 42 U.S.C. §§ 12101 et seq., and the Illinois Human Rights Act, 775 ILCS 5/1-101 et seq. Consultant shall also comply with all conditions of any federal, state, or local grant received by Owner or Consultant with respect to this Contract or the Services.

Consultant shall be solely liable for any fines or civil penalties that are imposed by any governmental or quasi-governmental agency or body that may arise, or be alleged to have arisen, out of or in connection with Consultant's, or its subcontractors', performance of, or failure to perform, the Services or any part thereof.

Every provision of law required by law to be inserted into this Contract shall be deemed to be inserted herein.

**7.12 Documents**

Drawings, plans, specifications, photos, reports, information, observations, calculations, notes and any other reports, documents, data or information, in any form, prepared, collected, or received by Consultant in connection with any or all of the Services (the "Documents") shall be and remain the property of Owner. At Owner's request, or upon termination of this Contract, the Documents shall be delivered promptly to Owner. Consultant shall have the right to retain copies of the Documents for its files. Consultant shall maintain files of all Documents unless Owner shall consent in writing to the destruction of the Documents. Consultant shall make, and shall cause all of its subcontractors to make, the Documents available for Owner's review, inspection and audit during the entire term of this Contract and for three years after termination of this Contract; provided, however, that prior to the disposal or destruction of the Documents by Consultant or any of its subcontractors following said three year period, Consultant shall give notice to Owner of any Documents to be disposed of or destroyed and the intended date, which shall be at least 90 days after the effective date of such notice of disposal or destruction. Owner shall have 90 days after receipt of any such notice to give notice to Consultant or any of its subcontractors not to dispose of or destroy said Documents and to require Consultant or any of its subcontractors to deliver same to Owner, at Owner's expense.

**7.13 Time**

The Contract Time is of the essence of this Contract. Except where otherwise stated, references in this Contract to days shall be construed to refer to calendar days.

**7.14 Severability**

The provisions of this Contract shall be interpreted when possible to sustain their legality and enforceability as a whole. In the event any provision of this Contract shall be held invalid, illegal, or unenforceable by a court of competent jurisdiction, in whole or in part, neither the validity of the remaining part of such provision, nor the validity of any other provisions of this Contract shall be in any way affected thereby.

**7.15 Entire Agreement**

This Contract sets forth the entire agreement of Owner and Consultant with respect to the accomplishment of the Services and the payment of the Contract Price therefor, and there are no other understandings or agreements, oral or written, between Owner and Consultant with respect to the Services and the compensation therefor.

**7.16 Amendments**

No modification, addition, deletion, revision, alteration, or other change to this Contract shall be effective unless and until such change is reduced to writing and executed and delivered by Owner and Consultant.

IN WITNESS WHEREOF, Owner and Consultant have caused this Contract to be executed in two original counterparts as of the day and year first written above.

(SEAL)

Attest/Witness:

VILLAGE OF GLEN ELLYN:

By: \_\_\_\_\_  
Lindsey Kaminsky  
Title: Deputy Village Clerk

By: \_\_\_\_\_  
Mark Franz  
Title: Village Manager

Attest/Witness:

**SELECTED CONSULTANT:**

By: \_\_\_\_\_  
  
Print Name  
And Title:

By: \_\_\_\_\_  
  
Print Name  
And Title:



ATTACHMENT A**SUPPLEMENTAL SCHEDULE OF CONTRACT TERMS**1. **Project Description:***Insert Project Description*2. **Approvals and Authorizations:**

Consultant shall obtain any required approvals and authorizations listed in the Scope of Services in Attachment B.

3. **Commencement Date:**

The date of execution of the Contract by Owner.

4. **Completion Dates:**

**Insert Interim and Final Completion Dates** plus extensions, if any, authorized by a Change Order issued pursuant to Section 2.1 of the Contract.

5. **Insurance Coverages:**A. **Worker's Compensation and Employer's Liability** with limits not less than:(1) **Worker's Compensation:** Statutory;(2) **Employer's Liability:**

\$1,000,000 injury-per occurrence

\$500,000 disease-per employee

\$1,000,000 disease-policy limit

Such insurance shall evidence that coverage applies in the State of Illinois.

B. **Comprehensive Motor Vehicle Liability** with a combined single limit of liability for bodily injury and property damage of not less than \$1,000,000 for vehicles owned, non-owned, or rented.

All employees shall be included as insureds.

C. **Comprehensive General Liability** with coverage written on an "occurrence" basis and with limits no less than:

General Aggregate: \$2,000,000 Bodily Injury and Property Damage  
Combined Single Limit for this Project.

Coverages shall include:

- Broad Form Property Damage Endorsement
  - Blanket Contractual Liability (must expressly cover the indemnity provisions of the Contract)
- D. Professional Liability Insurance. With a limit of liability of not less than \$1,000,000 per occurrence and \$2,000,000 in the aggregate and covering Consultant against all sums that Consultant may be obligated to pay on account of any liability arising out of the Contract. The requirement for Professional Liability Insurance in the aggregate will be reduced to \$1,000,000 for subconsultant Muse Community + Design.
- E. Umbrella Policy. The required coverages may be in any combination of primary, excess, and umbrella policies. Any excess or umbrella policy must provide excess coverage over underlying insurance on a following-form basis such that when any loss covered by the primary policy exceeds the limits under the primary policy, the excess or umbrella policy becomes effective to cover such loss.
- F. Owner as Additional Insured. Owner shall be named as an Additional Insured and a Cancellation Notice recipient on all policies except for:

Worker's Compensation  
Professional Liability

Each such additional Insured endorsement shall identify Owner as follows: The Village of Glen Ellyn, including its Board members and elected and appointed officials, its officers, employees, agents, attorneys, consultants, and representatives.

- G. Other Parties as Additional Insureds. In addition to Owner, the following parties shall be named as additional insured on the following policies:

Additional Insured

Policy or Policies

All additional public or private property owners as needed on all policies with the exception of Worker's Compensation and Professional Liability.

6. **Contract Price:**

**SCHEDULE OF PRICES:**

For providing, performing, and completing each phase of Services, an amount equal to Consultant's and Subconsultants' Direct Labor Costs, Overhead, Fringe Benefits, and Fixed Fee, plus an amount equal to the actual costs of all Reimbursable Expenses, but not to exceed, in each phase of Services, the following not to exceed amount set forth opposite each such phase except as adjusted by Change Order issued pursuant to Section 2.1 of the Contract:

**Total Not-to-Exceed**

**\$Insert NTE Price**

7. **Payments:*****Amend as Necessary For Final Consultant Services Contract:***

For purposes of payments to Consultant, the value of the Services shall be determined as follows:

Direct Labor Costs shall mean salaries and wages paid to all Consultant and Subconsultant personnel as set forth on the list supplied by Consultant attached hereto and referenced as Attachment C, including all professionals whether owners or employees, engaged directly on the Project, but shall not include indirect payroll related costs or fringe benefits.

Reimbursable Expenses shall mean the actual expenses incurred by Consultant and Subconsultants directly or indirectly in connection with the Project, including expenses for transportation, telephone, postage, computer time and other highly specialized equipment, reproduction and similar Project related items.

Overhead and Fringe Benefits shall mean all indirect operating and payroll related costs that are allowed to be billed to projects under Illinois Department of Transportation (IDOT) guidelines. Overhead and Fringe Benefits are combined and expressed as an IDOT-approved percentage rate to be applied to Direct Labor Costs. This approved rate for Consultant is \_\_\_\_\_.%

Fixed Fee shall mean \_\_\_\_\_% of the sum of Direct Labor Costs, Overhead, Fringe Benefits, and Consultant's Reimbursable Expenses incurred in-house, as indicated in Attachment C.

ATTACHMENT B

**CONSULTANT’S PROPOSAL INCLUDING SCOPE OF SERVICES**

ATTACHMENT C  
**CONSULTANT’S SCHEDULE**



**ENGINEERING**  
RESOURCE ASSOCIATES



### PRIMARY CONTACT:

Brian Dusak, PE  
Project Manager  
3S701 West Avenue, Suite 150  
Warrenville, IL 60555  
P: 630-393-3060  
F: 630-393-2152  
BDusak@eraconsultants.com

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### STATEMENT OF QUALIFICATIONS FOR:

Engineering Consultant Services  
Utility and Roadway Improvement Projects  
(#1 and #2)

### PREPARED FOR:

Village of Glen Ellyn  
Rich Daubert, Professional Engineer  
Public Works Department  
30 South Lambert Road  
Glen Ellyn, Illinois 60137

### DUE:

January 10, 2020 at 3:30 P.M.

**WARRENVILLE | CHICAGO | CHAMPAIGN**



January 10, 2020

Mr. Rich Daubert, PE,  
Professional Engineer  
Public Works Reno Service Center  
Village of Glen Ellyn  
30 South Lambert Road  
Glen Ellyn, IL 60137

**SUBJECT: Proposal for Engineering Consultant Services – Utility and Roadway Improvement Projects (#1 and #2)**

Dear Rich:

Engineering Resource Associates, Inc. (ERA) is pleased to submit this proposal for engineering consultant services for Utility and Roadway Improvement Projects (#1 and #2). This proposal has been prepared in accordance with the request for proposal, questions and answers documents, addendum #1, site visits and our experience on similar projects.

ERA is a civil engineering, structural engineering and environmental science firm with extensive experience providing preliminary design, final design and construction phase services on municipal roadway, infrastructure, and stormwater management assignments. As detailed in our proposals, ERA has successfully designed numerous projects involving utility installation, and roadway rehabilitation and reconstruction. Our knowledge of the Illinois Environmental Protection Agency's (IEPA), Illinois Department of Transportation's (IDOT), and DuPage County's permitting requirements will help ensure the successful and timely completion of this project.

ERA is well-suited for the role of design engineer for this project because of our:

- Experience in dealing with aging infrastructure on crowded streets in residential neighborhoods;
- Knowledge of trenchless technology methodologies to minimize impacts to traffic, trees, parks, etc.
- Experience with the IDOT permitting process and documentation procedures;
- Understanding of the importance of the public involvement process and ability to effectively communicate with residents during the design process;

We greatly appreciate the opportunity to submit these proposals and we look forward to the opportunity to continue our working relationship with the Village of Glen Ellyn. Please contact me if you should you have any questions or require additional information at [bdusak@eraconsultants.com](mailto:bdusak@eraconsultants.com) or 630-393-3060, ext. #1003.

Sincerely,  
ENGINEERING RESOURCE ASSOCIATES, INC.

Brian Dusak, PE  
Principal/Project Manager

**WARRENVILLE**

3S701 WEST AVENUE, SUITE 150  
WARRENVILLE, IL 60555  
P 630.393.3060

**CHICAGO**

10 SOUTH RIVERSIDE PLAZA, SUITE 875  
CHICAGO, IL 60606  
P 312.474.7841

**CHAMPAIGN**

2416 GALEN DRIVE  
CHAMPAIGN, IL 61821  
P 217.351.6268





## COMPANY PROFILE



**Engineering Resource Associates, Inc. (ERA)** is a consulting firm providing civil engineering, structural engineering, environmental science and surveying services to clients throughout Illinois, Indiana and Wisconsin. Our diverse clientele includes private development, municipalities, park districts, forest preserves, sanitary districts, county agencies and state agencies. We have more than 29 years of experience identifying and working with a wide variety of local, state and federal funding sources. Our staff of professionals includes licensed engineers, structural engineers, surveyors, environmental scientists, certified floodplain managers and CAD/GIS specialists.

Our firm specializes in providing comprehensive services throughout the planning, design and construction phases of engineering and environmental assignments. The following is a partial listing of the primary types of projects that have successfully been completed by our firm.

### Transportation

Design & Rehabilitation of Roadways, Parking Facilities, Intersections, Traffic Signals, Lighting, & Streetscape

### Utilities

Design & Rehabilitation of Sanitary Sewers, Storm Sewers, Water Mains & Pumping Stations

### Construction

Construction Management, Bidding Assistance, Construction Layout, Observation, IDOT Documentation and Construction Administration

### Structural

Phase I & Phase II Engineering for Design & Rehabilitation of Highway Bridges, Culverts, Retaining Walls, Dams & NBIS Bridge Inspections

### Surveying and Mapping

Topographic Surveys, Boundary Surveys, UAV & Drone Surveys, Construction Layout & Geographic Information Services (GIS) Services

### Stormwater

Hydrologic & Hydraulic Analyses, Master Plans, Watershed Studies, Ordinance & Guidance Manuals, Storm & Sanitary Modeling, Floodplain Mapping, Stream Restoration, Levee Certification, Civil/Site Plan Reviews, Permitting Assistance & CRS Services

### Environmental

Wetland Mitigation & Enhancement, Stream Bank & Shoreline Stabilization, Best Management Practices (BMPs), Natural Area Restoration, NPDES Assistance & Grant Assistance

### Parks and Recreation

Riverwalks, Sports Complexes, Golf Courses, Regional Trails & Paths, Community Parks, Open Spaces, Dog Parks, & State Park Improvements

### Site Development

Design and Rehabilitation of Municipal Facilities, Education, Healthcare, Commercial and Residential

## OFFICE LOCATIONS

### Warrenville (Corporate Office)

3s701 West Avenue, Suite 150  
Warrenville, IL 60555  
Phone: (630) 393-3060

### Chicago

10 S. Riverside Plaza  
Suite 875  
Chicago, IL 60606  
Phone: (312) 474-7841

### Champaign

2416 Galen Drive  
Champaign, IL 61821  
Phone: (217) 351-6268

**ENGINEERS | SCIENTISTS | SURVEYORS**





## Project Experience Project #1

### Relevant Project Experience

Below is a summary of recent projects that have been completed by ERA in the last three years that demonstrate our experience and capabilities relevant to the anticipated scope of work. A project description and client contact for each project may be found on the following pages.

1. Weber/Waverly Park Water Main Replacement Project, City of Rolling Meadows, IL
2. Iroquois Court Sewer and Water Extension and Pavement Reconstruction Project, City of Warrenville, IL
3. East Highlands Subdivision Improvements, City of Naperville, Illinois
4. Oak Avenue, Illinois Road and Western Avenue Water Main Improvements and Roadway Reconstruction Project, Village of Northbrook, IL
5. 18-1 Sewer and Water Main Improvements, Village of Oak Park, IL
6. Roosevelt Road Water Main Improvements, Village of Glen Ellyn, IL
7. Maple Lane & Armstrong Lane Water Main Improvements, Elk Grove Village, IL

### Staff Experience / Resumes

A team chart and staff resumes outlining their role on this project are also included at the end of this section.



## Weber/Waverly Park Water Main Replacement Project

City of Rolling Meadows, IL



### Project Summary

ERA provided Phase II Engineering Services for the Weber/Waverly Park Water Main Replacement project. The existing water system that serve the residents in these areas have exceeded its useful service life and the City will install new water main along sections of roadway within the Waverly Park subdivision and Weber Drive in advance of street resurfacing. The scope of work included the engineering for the installation of approximately 7,800 feet of 8-inch and 10-inch ductile iron water main and water service replacements within the neighborhood. Extensive coordination was required with the Village of Arlington Heights since the east half of Weber Drive is under their jurisdiction. The construction of this project will be completed by summer 2020.

### ERA Project Team

Brian Dusak, PE | Principal/Project Manager  
John Mayer, PE, CFM | Principal/Project Director  
Patrick Keefe, PE | Senior Project Engineer  
Michael Maslowski, PE, CFM | Project Engineer  
Chris Sedlacko | Resident Engineer

### Project Reference:

Dan Seveska  
Public Works Utilities Superintendent  
City of Rolling Meadows  
3900 Berdnick Street  
Rolling Meadows, IL 60008  
Phone: (847) 963-0500 x 7022  
Email: Seveska@cityrm.org

**Construction Cost:** \$2.3 Mill

**Completed:** June 2020





## Iroquois Court Sewer and Water Extension and Pavement Reconstruction Project

City of Warrenville, IL



### Project Summary

ERA provided Phase I, II and III engineering for the public sanitary sewer extension, water main extension and pavement reconstruction of the Iroquois Court neighborhood. The residents relied on individual wells and septic systems for service. The work included approximately 1,300 feet of directionally drilled 8-inch diameter water main; 1,450 feet of open cut 8-inch diameter sanitary sewer; 1,600 feet of open cut 12-inch diameter storm sewer; and 5,300 square yards of full pavement reconstruction.

Communication with the residents was of critical importance for this project. Our Resident Engineers and Inspectors on site had strong communication and coordination skills throughout the project. Their oversight on previous underground utility installation and roadway construction projects led to the successful completion of this project.

### ERA Project Team

Brian Dusak, PE | Principal/Project Manager  
 John Mayer, PE, CFM | Principal/Project Director  
 Eric Wilde | Design Engineer  
 Ravi Patil | Resident Engineer  
 Andrew Johnson | Resident Inspector

### Project Highlights:

- Pavement evaluation HMA vs. PCC
- Extensive construction staging plans
- Coordination with residents regarding access & utility connection locations
- ERA completed Phase I, II and III engineering

### Project Reference:

Philip M. Kuchler, PE, CFM  
 Deputy Director of Public Works  
 City of Warrenville  
 3S258 Manning  
 Warrenville, IL 60555  
 Phone: (630) 836-3033  
 Email: pkuchler@warrenville.il.us

**Engineers Estimate:** \$1.8 Million

**Construction Cost:** \$1.6 Million

**Consulting Fee:** \$160,000

**Start/Completion Date:**

Summer 2016/Fall 2016



## East Highlands Improvements

City of Naperville, IL



### Project Summary

ERA provided design engineering services for the reconstruction of 8,000 feet of existing rural streets to satisfy current City standards. The project included new HMA pavement with curb and gutters, storm sewers, sidewalks, street lights along with water main and sanitary sewer extensions. Several mature trees were accounted for during the design phase. Staff facilitated a series of public meetings to provide residents with timely information. The project included the analysis and design of storm water management facilities. With the conversion from an open ditch to a closed storm sewer system, detention was required. The work along Julian Street is anticipated to be completed in 2021.

### ERA Project Team

Brian Dusak, PE, CFM | Project Manager  
 John F. Mayer, PE, CFM | Principal / Project Director  
 Marty J. Michalisko, PE, CFM | Senior Project Engineer (Water Resources)  
 Patrick Keefe, PE | Senior Project Engineer (Roadway)  
 Kyle Linares | Design Engineer  
 Erin R. Pande, PWS, CFM | Ecological Services Director

### Project Highlights

- Project included: reconstruction of 8,000' of residential roadway, 320' of sanitary sewer jacked in-place, 7,800' of new storm sewer, 1,600' of new water main, and 1,500' of new sanitary sewer
- DuPage County tab submittal for a new detention pond adjacent to a food plain
- Pavement reconstruction; ditches replaced with curb and gutter; new sidewalks, street lights and storm sewers
- Construction phased over several years

### Project Reference:

Phil Tartaglia  
 Project Engineer  
 City of Naperville  
 400 S. Eagle Street  
 Naperville, IL 60540  
 Phone: 630-305-5203

### Construction Cost:

\$4.9 million (est.)

### Design Completed:

2021 (est.)





## Oak-Illinois-Western Water Main Improvements and Western Avenue Roadway Reconstruction Project

Village of Northbrook, IL



### Project Summary

ERA provided Phase I, II and III engineering services for the replacement of the water main along Oak Avenue, Illinois Road and Western Avenue in the Village of Northbrook. Work also included complete reconstruction of approximately 3,100 feet of Western Avenue. Approximately 12,400 feet of new water main replaced the existing cast iron mains that had an extensive break history. The project corridor was lined with primarily residential properties and was also home to Wescott School on Western Avenue. In addition to coordination with residents, design and construction was discussed with District 30 staff in an effort to minimize impacts to the school's schedule and operations. ERA completed detailed construction staging plans and value engineering.

### ERA Project Team

Brian Dusak, PE | Principal/Project Manager  
John Mayer, PE, CFM | Principal/Project Director  
Patrick Keefe, PE | Senior Project Engineer  
Michael Maslowski, PE, CFM | Project Engineer  
Eric Wilde | Design Engineer  
Ravi Patil | Resident Engineer  
Charlie Harrison | Resident Inspector  
Chris Sedlacko, PE | Design Engineer/Resident Inspector



### Project Highlights:

- Phase I, II, III engineering
- Accelerated schedule required due to MFT resurfacing project in the same area
- Water main corridor defined based on Village's Tree Presentation Ordinance
- Coordination with residents and Wescott School schedule

### Project Reference:

Martin Sobanski, Project Manager  
Village of Northbrook  
655 Huehl Road  
Northbrook, IL 60062  
847-664-4118  
martin.sobanski@northbrook.il.us

### Construction Cost:

\$5.5 million (est.)

### Consulting Fee:

\$287,000

### Completed:

2017-2018



## 18-1 Sewer and Water Main Improvements

Village of Oak Park, IL



### Project Summary

ERA provided Phase I, Phase II and Phase III engineering services for the design and construction of approximately 2,400 ft of roadway along sections of Berkshire Street and Clarence Avenue within Village limits. Improvements include water main, sewer main and service replacement; curb, sidewalk and driveway patching and replacement; full depth pavement removal and replacement; parkway restoration; and other appurtenant work. Permitting coordination was required with the Illinois Environmental Protection Agency and Metropolitan Water Reclamation District. Extensive coordination was also required with adjacent schools and residents through face to face meetings as well as distribution of flyers during construction.

### ERA Project Team

Brian Dusak, PE | Principal/Project Manager  
John Mayer, PE, CFM | Principal/Project Director  
Patrick Keefe, PE | Senior Project Engineer  
Marty Michalisko, PE, CFM | Principal/Senior Stormwater Engineer  
Ravi Patil | Resident Engineer

### Project Highlights:

- Accelerated Schedule
- Phase I, II, and III Engineering Services Provided
- Extensive Permitting Required through IEPA and MWRD

### Project Reference:

Byron Kutz  
Assistant Village Engineer  
201 South Blvd  
Oak Park, IL 60302  
Phone: (708) 358-5729  
Email: bkutz@oak-park.us

**Engineer's Estimate:** \$2.5 Mill

**Construction Cost:** \$2.4 Mill

**Consulting Fee:** \$138,000 (Phase III)

**Start/Completion Date:**

Fall 2018 / Summer 2019





## Roosevelt Road Water Main Improvements

Village of Glen Ellyn, IL



### Project Summary

ERA provided Phase II and Phase III engineering services to replace the existing water main along Roosevelt Road between Nicoll Way and IL Rt. 53. The Village owns, operates, and maintains cast iron water mains in IDOT right-of-way as well as within public utility easements along Roosevelt Road within the project limits. The water mains in this corridor were dated to the 1960s and demonstrated frequent failures warranting the need for replacement of the mains. The work included the installation of approximately 200 feet of 6" PVC water main, 1,300 feet of 8" PVC water main and directional boring 80 feet of steel casing across Roosevelt Road (IL Rt. 38) since IDOT would not allow the new water main to be located under and parallel with any travel lane along IL Route 38. Extensive coordination was required with the developer south of Roosevelt Road to secure easements to facilitate the installation of the new main. The ERA/Glen Ellyn Team identified this alternative corridor through this new development that saved the Village significant time and money. The solution was a win/win for both the developer and the Village.

### ERA Project Team

Brian Dusak, PE | Principal/Project Manager  
John Mayer, PE, CFM | Principal/Project Director  
Patrick Keefe, PE | Senior Project Engineer  
Eric Wilde | Design Engineer  
Ravi Patil | Resident Engineer



### Project Highlights:

- Coordinated easements with developer to avoid IDOT concerns
- Accelerated construction schedule to accommodate new developments
- Replaced private water main as part of easement negotiations
- IEPA and IDOT permits required

### Project Reference:

Rich Daubert, PE  
Professional Engineer  
Public Works Department  
30 South Lambert  
Road Glen Ellyn, IL 60137  
Phone: (630) 547-5507  
Email: rdaubert@glenellyn.org

**Construction Cost:** \$550,000

**Completed:** 2018





## Maple Lane & Armstrong Lane Water Main Improvements

Elk Grove Village, IL



### Project Summary

ERA provided Phase II design engineering services to replace the existing water mains along Maple Lane & Armstrong Lane. The existing water system that serves the residents there has exceeded their useful service life and the Village. The work included installation of approximately 2,300 feet of 12-inch ductile iron water main and water service replacements for the Maple Lane project and approximately 2,700 feet of 8- and 12-inch ductile iron water main and water service replacements for the Armstrong Lane project. The water main improvements projects were designed in early 2018 to accommodate aggressive bidding and construction schedules.

### ERA Project Team

Brian Dusak, PE | Principal/Project Manager  
Rick Tanner | Design Technician  
Patrick Keefe, PE | Senior Project Engineer  
Chris Sedlacko, PE | Project Engineer  
Eric Wilde | Design Engineer  
Tim Martinek, PLS | Survey Lead  
Cody Frovarp | GIS Specialist

### Project Highlights:

- Accelerated one month design schedule for Maple Lane Project
- IEPA permits
- Jacked 100' steel casing pipe under Elk Grove Blvd and triple 10'x 4' box culverts.

### Project Reference:

Brian A. Lovering, P.E.  
Chief Infrastructure Engineer  
Department of Public Works  
Village of Elk Grove Village  
450 East Devon Ave.  
Elk Grove Village, IL 60007  
Phone: (847) 734-8077  
Email: BLovering@elkgrove.org

### Construction Cost:

\$1.6 million

### Completed:

2018





## Village of Glen Ellyn

Rich Daubert, P.E., Professional Engineer

### Project Director

**\*John Mayer, PE, CFM**

### Project Manager

**\*Brian Dusak, PE**

### Subconsultant

**Geotechnical Investigation and  
Environmental Analysis**  
Midland Standard Engineering and  
Testing, Inc.

### Environmental Services Team

**\*Erin Pande, PWS, CFM**  
Environmental /  
Permitting (Lead)  
**Bradley Earnest**  
Wetland Scientist

### Stormwater Analysis/ Permitting Team

**\*Marty Michalisko, PE, CFM**  
Senior Project Engineer  
**Mike Maslowski, PE, CFM**  
Project Engineer  
**Molly Garrow**  
Project Engineer

### Design Team

**\*Patrick Keefe, PE**  
Senior Project Engineer  
**\*Chris Sedlacko, PE**  
Project Engineer  
**Kyle Linares**  
Design Engineer  
**Rick Tanner**  
CAD Technician

### CAD/Survey Team

**Tim Martinek, PLS**  
Survey Lead  
**Rick Costa**  
Surveyor  
**Rick Tanner**  
CAD Technician

\* Resumes Included



## Brian Dusak, PE Project Manager

### Project Role:

**Brian Dusak, PE** will serve as the **Project Manager**. He will bring more than 18 years of professional engineering experience with Phase I, II and III engineering of local federally funded projects. His resume includes a portfolio of diverse solutions for a wide range of improvements including transportation and infrastructure design, construction coordination and public involvement. In order to transform the vision of each project into reality, Brian encourages his team to search for innovative and cost-effective solutions.

### Project Experience:

**Hawthorne Corridor Improvements Project, Glen Ellyn, IL** – Project Engineer for Phase I and Phase II design services for the complete reconstruction of a 5,500 feet section of Hawthorne Road from Ellyn Avenue to the City of Wheaton boundary. Project included improvements to water mains, sanitary sewers, and storm sewer systems. Public coordination was performed with multiple government entities and corridor stakeholders. The project was awarded APWA, Chicago Metro 2013 Project of the Year.

**Bryant Avenue / Thain's Addition Reconstruction Project, Glen Ellyn, IL** – Project Engineer for the reconstruction and rehabilitation of over 11,000 feet of HMA and PCC streets within a residential neighborhood. The project included storm sewer replacement, water main replacement, sanitary sewer point repairs, lining and service replacement.

**East Highlands Subdivision Improvements, Naperville, IL** – Project Manager for Phase I and II engineering services for the reconstruction of approximately 8,000 feet of residential streets. The project included new bituminous pavement, sidewalk, street lighting, storm sewers and extensions of sanitary sewers and water main.

**Oak-Illinois-Western Water Main Improvements and Western Avenue Roadway Reconstruction Project, Northbrook, IL** - Project Manager for Phase I, II and III engineering services for the replacement of water main along Oak Avenue, Illinois Road and Western Avenue in the Village of Northbrook. Work will also include complete reconstruction of approximately 3,100 feet of Western Avenue. Approximately 12,400 feet of new water main will replace the existing cast iron mains that have an extensive break history. The project corridor is lined with primarily residential properties and is also home to Wescott School on Western Avenue. In addition to coordination with residents, design and construction will be discussed with District 30 staff in an effort to minimize impacts to the school's schedule and operations.



### Education/Certifications:

- Bachelor of Science, Civil Engineering  
University of Illinois – 2004
- PE - IL - 062-062144, 2009
- Documentation of Contract Quantities Course- December 2016 (16-12224)
- ADA PROWAG Requirements Class

### Areas of Expertise:

- Transportation projects including roadway/bridge for design through construction
- Construction engineering for federally funded projects
- IDOT Documentation procedures
- Expert in ADA/PROWAG requirements
- Phase I, II and III engineering of storm sewer improvements, culvert crossing, detention basins, public ROW improvements
- Permitting process of federal, state and local permitting agencies
- Bike trail design by incorporating AASHTO and BDE criteria

### Years of Experience:

- 18 years, 18 with ERA



**Brian Dusak, PE**  
Project Manager

## Project Experience Continued:

**Iroquois Court Sewer & Water & Extensions Project**, Warrenville, IL – Project Manager for Phase I, II and III engineering for the public sanitary sewer extension, water main extension and pavement reconstruction for the Iroquois Court neighborhood. These residences currently rely on individual wells and septic systems for service. The work includes approximately 1,300 feet of directionally drilled 8-inch diameter water main; 1,450 feet of open cut 8-inch diameter sanitary sewer; 1,600 feet of open cut 12-inch diameter storm sewer; and 5,300 square yards of full pavement reconstruction.

**15-13 Water and Sewer Main Improvements**, Oak Park, IL- Project Manager for Phase I, Phase II and Phase III engineering services for the design and construction of approximately 2,500 feet of roadway along sections of Kenilworth, Harvey and Taylor Avenues within Village limits. Design and construction had an accelerated schedule so improvements along Kenilworth and Harvey may be constructed while school was not in normal session. Improvements included water main, sewer main and service replacement; curb, sidewalk and driveway patching and/or replacement; full depth pavement removal and replacement; parkway restoration; and other appurtenant work. Extensive permitting coordination was required with the Illinois Environmental Protection Agency and Metropolitan Water Reclamation District.

**Brook Drive and Centre Circle Roadway Reconstruction**, Downers Grove, IL - Project Manager for Phase I and II design engineering for the reconstruction of 5,800 feet of pavement and infrastructure facilities within a commercial/ industrial district. Extensive coordination was required with village staff and business owners. The project also included new storm sewer and drainage improvements to alleviate chronic flooding issues.

**Water Main Replacements 2015**, Wheaton, IL – Project Manager for Phase I and II engineering services for the replacement of water main at various locations throughout the City of Wheaton and the reconstruction of approximately 1700 feet of roadway. The project includes approximately 5,400 feet of new water main to replace existing mains that have exceeded their useful service life. New main will be installed within residential and commercial subdivisions and along major transportation corridors under County and State jurisdiction. Extensive multi-agency coordination is required with the City, IEPA, DuPage Division of Transportation and IDOT.

**North Main Street Reconstruction**, Wheaton, IL – Project Manager for Phase II engineering services for the reconstruction of approximately 1,500 feet of roadway between Geneva Road and Cole Street. The design required maintaining traffic along the corridor and access to all the local businesses. The design included storm sewer replacement and verification that sidewalks met PROWAG requirements.

## Professional Experience:

- Engineering Resource Associates  
Project Manager /Project Engineer/  
Resident Engineer (2004-Present)
- Engineering Resource Associates  
Engineering Intern (2002, 2003)

## Special Training:

- IDOT Traffic Signal and Street lighting Design
- IDOT ICORS Training

## Professional Awards

- American Public Works Association  
Chicago Metro Chapter  
2014 Donald C. Stone Award for  
Excellence in Education



## John Mayer, PE, CFM

### Principal/Project Director

#### Project Role:

**John Mayer, PE, CFM** will serve as **Project Director** for this project. John has served in a project management role for the design and construction of municipal, county and recreational stormwater and infrastructure projects including the Village of Northbrook's Stormwater Implementation Projects FY 2012-2014, the Village of Downers Grove's Stormwater Master Plan and Implementation Projects and the Forest Preserve District of DuPage County's Oak Meadow Golf Course Master Plan and Renovation to name a few. He has a reputation for providing innovative and cost-effective solutions for his clients.

#### Project Experience:

**Phase I / II SACROW / Wingate Basin Improvements**, Glen Ellyn, IL – Project Manager for the reconstruction of roadways, storm sewers, water main and sanitary sewers along 28,500 feet of roadway within a residential neighborhood. Provided hydrologic and hydraulic analysis within a 260-acre site using PCSWMM modeling. The analysis led to a unique storm sewer overflow structure and overflow storage facility.

**Iroquois Court Sewer & Water Extensions Project**, Warrenville, IL – Project Director for Phase I, II and III engineering for the public sanitary sewer extension, water main extension and pavement reconstruction for the Iroquois Court neighborhood. These residences currently rely on individual wells and septic systems for service. The work includes approximately 1,300 feet of directionally drilled 8-inch diameter water main; 1,450 feet of open cut 8-inch diameter sanitary sewer; 1,600 feet of open cut 12-inch diameter storm sewer; and 5,300 square yards of full pavement reconstruction.

**Oak-Illinois-Western Water Main Improvements and Western Avenue Roadway Reconstruction Project**, Northbrook, IL - Project Director for Phase I, II and III engineering services for the replacement of water main along Oak Avenue, Illinois Road and Western Avenue in the Village of Northbrook. Work will also include complete reconstruction of approximately 3,100 feet of Western Avenue. Approximately 12,400 feet of new water main will replace the existing cast iron mains that have an extensive break history. The project corridor is lined with primarily residential properties and is also home to Wescott School on Western Avenue. In addition to coordination with residents, design and construction will be discussed with District 30 staff in an effort to minimize impacts to the school's schedule and operations.



#### Education/Certifications:

- Bachelor of Science  
Civil Engineering  
University of Wisconsin –  
Milwaukee – 1986
- PE – IL – 062-047345, 1992
- PE – IN – PE10708044
- PE – WI – E27723-6, 2007
- Certified Floodplain Manager  
IL - 06-00257
- Kane County Qualified Review  
Specialist
- Remote Pilot Certificate

#### Areas of Expertise:

- Lead projects with various funding sources including: ARRA, ITEP, MFT, 319(h), IGIG, SAFETEA-LU, AASHTO, CMAP, STP, CMAQ, TCM and OSLAD
- Lead Designer for recreational trails, watershed management, transportation, street lighting, downtown streetscape, stormwater and infrastructure projects
- Hydraulics and hydrology design, permitting, and modeling

#### Years of Experience:

- 33 years, 22 with ERA





**John Mayer, PE, CFM**  
Principal/Project Director

## Project Experience Continued:

**Water Main Replacements 2015**, Wheaton, IL – Project Director for Phase I and II engineering services for the replacement of water main at various locations throughout the City of Wheaton and the reconstruction of approximately 1700 feet of roadway. The project includes approximately 5,400 feet of new water main to replace existing mains that have exceeded their useful service life. New main will be installed within residential and commercial subdivisions and along major transportation corridors under County and State jurisdiction. Extensive multi-agency coordination is required with the City, IEPA, DuPage Division of Transportation and IDOT.

**Western Avenue Roadway, Infrastructure and Streetscape Enhancements**, Lake Forest, IL – Project Manager for surveying, preliminary and final design, and permitting and construction administration for stormwater and water main utility improvements and streetscape improvements along a 1-mile section of the Historic Downtown Business District. Streetscape elements include brick paving on roadway and sidewalk sections, decorative lighting, tree grates, landscape islands, and outdoor furniture. The project also included the realignment of a road section under the Union Pacific viaduct, special event electrical kiosks, and two new traffic signals.

**4th and Linden Streetscape / Infrastructure**, Wilmette, IL – Project Manager for the design and construction phases for the construction of 1.5 miles of streets located in a business district and a residential area. Improvements included pavement evaluation, rehabilitation and reconstruction. Several areas contained historic brick paving requiring preservation. The business district was improved with streetscape elements including brick pavers, landscape planter areas, decorative lighting, trash receptacles, benches and bike racks. The improvements consisted of an evaluation and replacement of combined sewers, the construction of a water main and temporary bituminous sidewalk.

**Monticello Sports Complex**, Monticello, IL – John was the Project Manager for the development of a detailed outdoor 30-acre multi-sports recreation complex. The complex includes two full size football fields, six various size soccer fields, three various size baseball fields, two basketball courts, one tennis court, one skate park, one playground, one press box/storage/restroom/concession building, paved walking path, paved parking lot(s), shelters with seating and landscaping throughout. Prior to development, the land was utilized for agricultural production. Existing city-owned infrastructure and other utilities are located adjacent to this parcel. Project includes the extension of sanitary and water mains to serve future development west of the complex.

## Areas of Expertise Cont'd:

- VillageEngineer Review Consultant
- Actively involved in various watershed groups: DRSCWC, LDRWC, LDGP.
- 10 years experience with traffic signal and street lighting operations and design for over 100 signalized intersections and numerous interconnect systems.

## Professional Experience:

- Engineering Resource Associates  
Principal / Project Manager  
(1998-Present)
- City of Joliet  
Civil Engineer/Traffic Engineer  
(1987-1998)

## Professional Affiliations:

- American Public Works Association Past President - Southwest Branch
- Association of State Floodplain Managers
- Institute of Transportation Engineers
- Illinois Association for Floodplain



## Patrick Keefe, PE Senior Project Engineer

### Project Role:

Patrick Keefe, PE, will serve as a **Senior Project Engineer** for the Design Engineering Team. He will oversee the actions of all members of the Design Engineering Team and report back to the Project Manager with any issues that arise during the project.

### Project Experience:

**Oak-Illinois-Western Water Main Improvements and Western Avenue Roadway Reconstruction Project, Northbrook, IL** – Senior Project Engineer for Phase I, II and III engineering services for the replacement of water main along Oak Avenue, Illinois Road and Western Avenue in the Village of Northbrook. Work also included complete reconstruction of approximately 3,100 feet of Western Avenue. Approximately 12,400 feet of new water main replaced the existing cast iron mains that had an extensive break history. The project corridor is lined with primarily residential properties and is also home to Wescott School on Western Avenue. Coordination with residents and District 30 staff was continuous throughout design and construction in an effort to minimize impacts to the school's schedule and operations.

**2019 Road Improvements Program, City of Warrenville, IL** - Patrick served as a Project Engineer for the Phase I-II services for the Emerald Green Subdivision Roadway Improvement Program located within DuPage County. ERA performed topographic survey of the improvement corridor and data collection. ERA prepared complex plans and specifications and maintenance of traffic plans. ERA also performed Phase III engineering services, which included providing a full-time Resident Engineer on-site who was responsible for pay items/quantities/ cost estimates, managing construction bid documents, construction observation/layout/documentation and close out documents. This project was completed in two and half months during the spring/summer of 2019.

**Roosevelt Road Water Main Improvements, Glen Ellyn, IL** – Senior project engineer that provided phase II design engineering services to replace the existing water main along Roosevelt Road between Nicoll Way and IL Rt. 53. The Village owns, operates, and maintains cast iron water mains in IDOT right-of-way as well as within public utility easements along Roosevelt Road within the project limits. The water mains in this corridor were dated to the 1960s and demonstrated frequent failures warranting the need for replacement of the mains. The work included the installation of approximately 200 feet of 6" PVC water main, 1,300 feet of 8" PVC water main and directional boring 80 feet of steel casing under Roosevelt Road (IL Rt. 38). The water main improvement project included site visits, preliminary to final plans, specifications, cost estimate, and securing required permits.

**Willow Lane and Clearmont Drive Water Main Improvement Projects, Elk Grove Village, IL** – Project Engineer for the phase II design of a new water mains. The existing water systems that serve the residents in these areas have exceeded their useful service life and the Village desires to install new water mains along sections of these roadways. The work includes installation of approximately 1,900 feet of 8-inch ductile iron water main and water service replacements for the Willow Lane project and approximately 1,675 feet of 12-inch ductile iron water main and water service replacements for the Clearmont Drive project. The improvement projects are slated for design and construction in 2018.



### Education/Certifications:

- Bachelor of Science, Civil Engineering  
Iowa State University – 1992
- PE - IL - 062-055351

### Areas of Expertise:

- Phase I and II engineering for IDOT and Illinois Tollway
- Managed municipal and county transportation/ infrastructure improvement projects during concept, preliminary, pre-final and final contract plans
- Responsibilities include managing geometric design, permitting, pavement marking, maintenance of traffic, data collection and surveying for a variety of agencies (Kane/Winnebago County, City of Rockford, City of Chicago/Aurora)

### Special Training:

- Highway Safety Manual Course
- ACEC - Illinois/IDOT Drainage Seminar
- Dale Carnegie Leadership Training for Managers

### Years of Experience:

- 27 years, 3 with ERA



## Chris Sedlacko, PE Project Engineer

### Project Role:

Chris will serve as a Structural Design Engineer. His portfolio includes a wide range of building and transportation design projects, structural design and inspection for municipalities, county, and state agencies. His responsibilities will include assisting with the development of the structural plans and specifications. Chris has 6 years of experience in the field of structural engineering and bridge inspections.

### Project Experience:

**Weber/Waverly Park Water Main Replacement Project, City of Rolling Meadows, IL** - Resident Engineer for Phase II Engineering Services for the Weber/Waverly Park Water Main Replacement project. The existing water system that serve the residents in these areas have exceeded its useful service life and the City will install new water main along sections of roadway within the Waverly Park subdivision and Weber Drive in advance of street resurfacing. The scope of work included the engineering for the installation of approximately 7,800 feet of 8-inch and 10-inch ductile iron water main and water service replacements within the neighborhood.

**Hillcrest and Moon Lake Boulevard Resurfacing, Hoffman Estates, IL** - Resident Inspector for surface grinding and removal, asphalt patching, curb and gutter removal and replacement, concrete sidewalk removal and replacement and hot-mix asphalt pavement. ERA performed Phase III construction engineering services for the resurfacing of two roadways located along Hillcrest Boulevard, from Jones Road to Roselle Road, and Moon Lake Boulevard, from Higgins Road to Golf Road. Chris performed Resident Engineering duties for ERA on Hillcrest Boulevard periodically over the course of the project. He was responsible for project management, material testing, documentation and inspection services meeting all IDOT and STP requirements in conjunction with other ERA resident engineers from the pre-construction meeting through construction and project close out.

**Maple Lane and Armstrong Lane Water Main Improvements, Elk Grove Village, IL** - Lead Design Engineer provided phase II design engineering services to replace the existing water mains along Maple Lane & Armstrong Lane. The existing water system that serves the residences in this area had exceeded its useful service life and the Village needed to install new water mains along sections of these roadways within the neighborhood. The work included installation of approximately 2,300 feet of 8- and 12-inch ductile iron water main and water service replacements for the Maple Lane project and approximately 2,700 feet of 8- and 12-inch ductile iron water main and water service replacements for the Armstrong Lane project. The water main improvement project was designed in 2018, within one month, to accommodate aggressive bidding and construction schedules.



### Education/Certifications:

- Bachelor of Science in Civil Engineering, Bradley University Peoria, Illinois, 2013
- PE - IL - 062-069911, 9/2017
- IDOT - Safety Inspection of In-Service Bridges FHWA NHI #130055
- IDOT Documentation of Contract Quantities #16-11936, 4/2020
- CDB Project Management Training, 7/2019

### Areas of Expertise:

- NBIS Team Leader
- Structural Inspector
- NBIS Inspection Forms
- Phase I/II Engineering Design
  - Steel plate girders
  - PPC deck beams
  - Hydraulic box culverts
  - Soldier pile retaining walls
  - CIP retaining walls
  - Bridge re-decking, repair, widening
- Construction Engineering
- Construction Documentation

### Years of Experience:

- 7 years, 7 with ERA





## Marty Michalisko, PE, CFM

### Senior Project Engineer

#### Project Experience:

**Marty Michalisko, PE, CFM** will serve as the **Senior Project Engineer**. His resume is filled with diverse stormwater and infrastructure projects geared at providing flood control solutions for problem areas located within heavily residential areas. He possesses expert level knowledge of municipal and county stormwater regulations and permitting requirements. He has extensive experience modeling closed conduit and natural waterways using both steady and unsteady hydraulic models. He has played an instrumental role on many of the implementation projects stemming from the Village of Glencoe's Watershed Modernization Plan, the Village of Downers Grove's Stormwater Master Plan and Implementation, and the City of Kenosha's Stormwater System Analysis.

#### Project Experience:

**Terrace Court Improvements**, Glencoe, IL – Project Manager leading a team of engineers to implement this storm sewer improvement project that was identified in a Phase I study. Storm sewer improvements consisted of 2210 linear feet of 12"-36" diameter RCP pipe of which two locations were installed through side and rear yards of local residential properties. A 24 inch sewer was jacked through private properties to avoid fences, sheds, trees, playsets, etc. ERA assisted in securing easements and prepared all plat work necessary to acquire easements. The project secured a funding partner with MWRD which required a reduction in anticipated pollutants through a hydrodynamic vortex separator. ERA also provided full time construction management services.

**Phase I / II Stormwater Implementation Projects FY 2012-2014**, Northbrook, IL – Lead Water Resource Engineer for the implemented measures to address chronic village-wide flooding problems identified in the Village of Northbrook's Master Stormwater Management Plan. The team addressed high priority flooding in five project areas. Marty led the Water Resource Engineers that utilized XPSWMM to analyze each area and develop adequate solutions for desired levels of flood protection. The Sunny Acres and Western/Oak projects were managed by the Water Resource Group as they involved detailed modeling and analysis.

**Weathersfield Way/Braintree Drive Storm Sewer Rehabilitation Project**, Schaumburg, IL - Project Manager leading the analysis of an approximate 100-acre watershed using XPSWMM modeling. The purpose of the study is to analyze several bypass storm sewer alternatives in order to minimize flooding at a major residential intersection. Several routing options and sewer sizes are being analyzed to determine the most cost effective options. A high priority of the study is to reduce flows to existing storm sewers within side and rear yards of mature residential properties.



#### Education/Certifications:

- Bachelor of Science  
Civil Engineering  
University of Iowa – 2000
- Surveying Curriculum  
Southern Illinois University  
(Off-Campus) – 2006-2008
- PE – IL – 062-058762, 2006
- CFM – IL – 06-00260
- Kane County Qualified Review  
Specialist – E-221
- DuPage County MEG Chair

#### Areas of Expertise:

- Stormwater/floodplain modeling
- HEC-2, HEC-RAS, FEQ, HEC-1, HEC-HMS, TR-20, Hydra, WSPRO, SWMM, PCSWMM, XPSWMM, HY-8, Pond Pack, Hydraflow, Optimizer
- Drainage Designs
- Storm Sewer Designs
- Drainage Investigations
- Flood Studies
- Practical Solutions
- Cost-effective Solutions
- Permitting Process
- Permit/Stormwater Reviews

#### Years of Experience:

- 20 years, 20 with ERA



## Erin Pande, PWS, CFM

### Environmental/Permitting Lead

#### Project Role:

**Erin Pande, PWS, CFM** will serve as the **Environmental Team Leader**. With more than 19 years of experience, Erin possesses in-depth knowledge of local, county and state stormwater regulations and has incorporated numerous BMPs into projects in order to provide long-term benefits for the client. Erin authored a significant portion of the MWRD Watershed Management Ordinance and Technical Guidance Manual.

#### Project Experience:

**Green Streets/Downtown Water Quality Enhancements**, Downers Grove, IL – Project Manager for development of a program intended to improve a largely impervious business district through the use of BMPs to treat storm sewer discharges, and remove pollutants from impervious surface runoff. She completed a sustainable Stormwater Program to address drainage problems through rain gardens, vegetated swales, rain barrels, and downspout disconnection in residential areas. This included design of a pilot rain garden project.

**Greenwood/Oakdale and Harbor/Linden Basin Improvements**, Glencoe, IL - Ecological Services Director provided environmental services for the plans, specifications and estimates for the Harbor Basin Improvements project consisting of a new storm sewer primarily located along Harbor Street between Linden Avenue and Lake Michigan. Assisted in the design and permitting of an outfall structure at the base of a 50' bluff on the Lake Michigan Shoreline. Additionally, she provided finalized plans for the Greenwood Basin Improvements project located along Ivy Lane, Grove Street, Drexel Avenue and Greenwood Avenue. Assisted in the design and permitting of outlet structure into the East Diversion Ditch. Also, acquired permits from USACE, IDNR-OWR and SWCD for both projects.

**Northbrook Stormwater Pilot Study**, MWRD, IL - Ecological Services Director for the Village-Wide Comprehensive Stormwater Pilot Study for the Village of Northbrook and surrounding unincorporated areas. This project includes the analysis of existing flooding causes and the determination of alternatives to alleviate flooding. The watershed included in the study is a 14 square mile area. Public awareness, on-line survey, social media, will be used to evaluate the public perspectives on flooding and to gauge the interest the public may have in incorporating green infrastructure on public and private property to further aid in reducing runoff and flooding.

**Stormwater Implementation Projects FY 2012-2014**, Northbrook, IL – Ecological Services Director for the implementation of measures to address chronic flooding problems in accordance to the Village's Master Stormwater Management Plan. She conducted wetland determinations, delineations and acquired associated permits. The five project areas including Sunny Acres Subdivision, Ridge Road/Lee Road Intersection, 816-869 Cedar Lane, Shermer Road/UPRR Underpass and Western Avenue/Oak Avenue. She also acquired permits and letters of no objection from USACE.



#### Education/Certifications:

- Bachelor of Arts Major Biology, Environmental Studies & Geology Augustana College – 2001
- Professional Wetland Scientist – #1927
- Certified Floodplain Manager – IL-14-00661
- Lake County Stormwater Mgmt. Comm, Certified Wetland Specialist #C-083
- Kane County Stormwater Mgmt. Qualified Wetland Review Specialist W-049
- McHenry County Certified Wetland Specialist
- Rosgen Level I: Applied Fluvial Geomorphology

#### Professional Experience:

- Engineering Resource Associates Ecological Services Director/ Environmental Specialist (2004-Present)
- DuPage County Stormwater Management Division Senior Environmental Technician (2001-2004)

#### Years of Experience:

- 19 years, 16 with ERA



## Project Approach Project #1

### Project Understanding

The Village of Glen Ellyn desires to continue their roadway rehabilitation strategies for streets from patching to complete reconstruction. Project #1 includes a variety of modestly extensive underground sewer and water infrastructure improvements followed by a variety of roadway rehabilitation from Type 1C Resurfacing to Type IIA Resurfacing. This project includes the rehabilitation of approximately 1.62 miles of residential streets in the central-west area of Glen Ellyn.

The Village of Glen Ellyn desires to initiate design in January 2020 and bid the project in mid-May 2020. Due to the proximity and volume of street work, the Village may elect to implement the project over a two-year period with the selected consultant required to prepare the design and construction documents accordingly.

As part of Project #1, the Village of Glen Ellyn would like to complete pre-final design, value engineering, final design, preparation of construction drawings and specifications, cost estimate, identification & procurement of required permits, identification and acquisition of the required temporary and permanent easement(s), and assistance in the bidding process. The estimated project cost is \$7.98 million which excludes engineering and construction engineering. Engineering and construction are being locally funded through Village Capital Fund, Sewer Fund and Water Fund resources.

### Project Elements and Innovative Approach

The Utility and Roadway Improvement Project #1 will present several challenges and unique issues. The following is a summary of our understanding of the primary project elements and our innovative approach to address them and ensure the successful completion of the project.

- 1. Project Schedule** – The Village identified the project schedule as being negotiable in the RFP and understands there is an extensive amount of work to be completed for Project #1. At a minimum, all streets east of Lorraine Road (Phillips, Vine, Ridgewood) shall be let and constructed in 2020. It would be our recommendation to phase the construction of this project over a two-year period, as the Village suggests, so the aforementioned streets may be designed and constructed this year in accordance with the schedule outlined in the RFP. Any remaining streets would be designed this year for the 2021 construction season. If selected for the project, we would anticipate additional phasing discussions to ensure we are meeting Village goals and expectations.
- 2. Sanitary Service Replacements** – We will review the existing sanitary sewer tapes to confirm material and size, assess overall pipe condition, and identify spot repair locations. The amount of work required to make a sanitary sewer service connection could vary greatly depending on a variety of factors. ERA is very familiar with the Village's infrastructure as we went through this exercise and developed special provisions for the Bryant Avenue Reconstruction Project, and others, for the Village of Glen Ellyn.
- 3. Ridgewood Avenue at Brandon Avenue** – ERA provided construction engineering services for work at this location under the 2013 Street Improvements Project. In order to achieve ADA compliance for the crossing at this intersection, a retaining wall was installed on private property at the northwest corner. As a result of this and some additional utility work, Ridgewood ended up being reconstructed to a point approximately 100 feet



## Project Approach Project #1

west of Brandon Avenue. Therefore, the overall limits of reconstruction on Ridgewood could be reduced by this length to minimize overall costs.

4. **Evergreen Avenue at Hillside Avenue** – The sidewalk ramps on the south side of Hillside are extremely steep and it will be difficult to meet ADA requirements given existing constraints. One option to consider would be to coordinate with the homeowner on Hillside to obtain an easement to construct a retaining wall and stairs on their property and have the main line sidewalk lowered. Their front yard is already terraced, so it may compliment that existing feature. A disadvantage is that this would require removing two parkway trees. Another option may be to simply eliminate this crossing since the adjacent side streets appear to have accessible crossing locations.
5. **Trenchless Technologies** – In many cases, trenchless technologies help minimize disturbance where proposed utility improvements are scheduled within crowded residential corridors. Although these types of installation methods are not solutions for every project, they should be identified and evaluated during preliminary design to assess their applicability. Performing this task as part of Phase I and providing recommendations relating to cost and feasibility of several available technologies will afford the Village the opportunity to make fiscally responsible decisions as they move into Phase II design.
6. **BMP Implementation** – Two tiers of BMP Implementation should be explored. The first tier includes incorporating BMPs in the proposed capital improvements to improve water quality, improve flood reduction benefits, and increase funding opportunities. The second BMP Implementation tier includes identifying private property BMPs that residents can implement long term in order to reduce peak discharge and runoff volume.

## Work Plan

ERA will provide engineering services in accordance with the following work plan.

### Phase 1 – Pre-Final Engineering (75% Complete)

#### 1. Meetings and Coordination

- a. *Kickoff Meeting* - ERA will attend a project kick-off meeting with Village staff to discuss scope of work, review the project schedule and deliverables and discuss any project issues or concerns.
- b. *Project Coordination* - We will work closely with staff and other stakeholders to maintain communication throughout the duration of the project including obtaining information, providing progress updates and discussing relevant issues. ERA will provide coordination with key stakeholders such as private and public utility companies, reviewing agencies and other parties having an interest in the project.

#### 2. Data Acquisition – We will acquire relevant background data from various sources including the following items:

- a. Private utility atlases from utility companies (telephone, gas, electric, cable) – Note, this includes a design JULIE locate coordinated with our topographic survey task.





## Project Approach Project #1

- b. Coordination with the Village's GIS Consortium to obtain all available aerial contour mapping and utility data.
- c. Public utility atlases from Village of Glen Ellyn (storm, sanitary, water)
- d. As-built record drawings for project locations as available from Village of Glen Ellyn
- e. Pertinent excerpts and information from the Village's Wastewater Pumping Station Master Plan
- f. Storm and sanitary sewer televising DVDs
- g. Review of sidewalk and curbs in need of spot repairs as applicable
- h. Other relevant background data as available

**3. Geotechnical Engineering & Environmental Analyses** – It is anticipated that twenty-one soil borings at a depth of 10' will be performed along the roadway corridors identified in Project #1 including pavement cores at boring locations along alignments planned for rehabilitation. Boring and pavement core locations are planned to be within the road rights-of-way along the proposed utility/roadway alignment. Soil sampling will also be performed in accordance with Clean Construction or Demolition Debris (CCDD) requirements as outlined under Illinois Environmental Protection Agency (IEPA) regulations. This task is included to prepare the PE certification needed for CCDD under the IEPA regulations using the LPC-662 and LPC-663 Forms for these specific project locations.

**4. Topographic Survey and Base Plans** – We will perform a topographic survey using in-house personnel and equipment. It is anticipated that the survey will include a complete ROW topo within areas as shown in the RFP. The ROW survey will include extending the survey a minimum of 100-feet beyond the limits of the proposed work.

Relevant surface features will be surveyed horizontally and vertically. This includes above ground observed public and private utilities, trees of six-inch diameter or greater, fences, established landscaping limits, etc. Public utility structures will also be opened and pipe sizes, invert elevations, directions, materials, etc. will be measured from the surface. JULIE markings and found property corners will also be referenced. This will include obtaining the required permission from private property owners to complete the survey work on their respective properties. The total length of survey is a combined 10,500 feet along the streets in Project #1.

Base Plans – Data from the data acquisition and topographic survey tasks will be downloaded and compiled into our AutoCAD based system to produce base plans of existing conditions for each project site. Profiles along anticipated project alignments will also be produced. Base plan and profile sheets will be plotted (1-inch equals 20 feet) and provided to the Village and utility companies for review and verification of facilities.

**5. Value Engineering & BMP Implementation** – Using the detailed topographic survey, utility information, and existing pavement structure, ERA will perform a value engineering analysis of the concept plan. The analysis will consist of evaluating utility design efficiencies, pavement composition and BMP opportunities.

**6. Storm Sewer Analysis** – A detailed storm sewer analysis is not anticipated for this project; however, ERA will review the existing storm sewer system to identify any required spot repairs, extensions, or additions of storm sewer laterals.



## Project Approach Project #1

**7. Pre-Final Plans, Specifications and Estimates (PS&E)** – This task includes the preparation of pre-final PS&E (75%). This would include preparing two sets of bid documents if the project is constructed over a two-year period. It is anticipated that pre-final plans will include the following sheets:

- a. Existing Conditions Plan
- b. Proposed Conditions Plan
- c. Utility Plan and Profile Sheets
- d. Roadway Plan and Profile Sheets
- e. Construction Details

This task includes the preparation of pre-final specifications and a pre-final engineer's opinion of probable construction cost. In conjunction with the initial plan set a value engineering task will be performed intended to identify potentially more efficient or cost saving measures. This may include things like installing pipe under parkways to reduce trench backfill costs, money saving "green" approaches that reduce storm sewer lengths and maintenance costs, alternative routings, re-use or pulverize pavement into road mix aggregate gradation, etc.

**8. Initial Permitting** – This task includes the preparation and submittal of permit applications for approvals that may be required for the projects. It is anticipated that the following submittals may be included in this task:

- a. Village of Glen Ellyn
- b. IEPA – NPDES/NOI – erosion control and stormwater quality
- c. IEPA – Water Mains
- d. IEPA – Sanitary Sewers (if required)
- e. Public and private utility companies – permits and resolution of facility conflicts
- f. Wetland Delineation & Letter of no Objection
  - 1. Wetlands within 50' of the project limits will be delineated in accordance with the current U.S. Army Corps of Engineers (USACE) wetland delineation manual and the Regional Supplement to the Corps of Engineers Wetland Delineation Manual: Midwest Region (Version 2.0). Wetlands will be staked by pin flag and/or marking tape labeled "wetland". Wetland flags will be located using a GPS data collector +/- 0.5-meter accuracy. Following the delineation ERA will prepare a written delineation report containing:
    - i. USACE data forms;
    - ii. Aerial map exhibit of site showing approximate locations of data sampling points, and wetland boundaries;
    - iii. Floristic Quality Assessment;
    - iv. Documentation of verification of threatened and endangered species consultation with appropriate Federal and State agencies;
    - v. Copy of DuPage County wetland map;
    - vi. Copy of Kane/DuPage soil map; and
    - vii. Site photos as necessary to describe wetland and other regulated areas.
  - 2. ERA will prepare a request for a Letter of No Objection (LONO) to the USACE. Should wetland impacts be anticipated within the scope of work for the Project, ERA shall work with the Village to review their extent to determine if additional permitting is required.



## Project Approach Project #1

### Phase 2 - Final Engineering / Bid Package

**9. Final PS&E** – We will modify the pre-final PS&E in accordance with staff and agency review comments and adjust the final design to produce Final PS&E. It is anticipated that final plans will include the following sheets:

- a. Cover Sheet, Index of Sheets and Location Map
- b. General Notes and Typical Sections
- c. Summary of Quantities and Schedule of Quantities
- d. Alignment, Ties and Benchmarks
- e. Removal Plans
- f. Roadway Plan and Profile Sheets
- g. Staging Plans
- h. Traffic Control Plans and Details
- i. Utility Plan and Profile Sheets
- j. Stormwater Pollution Prevention Plans
- k. Restoration Plans
- l. Tree Removal and Preservation Plans
- m. Cross Sections
- n. Construction Details

Specifications will be updated and finalized for incorporation into contract documents following the Village of Glen Ellyn standards and formatting. This task also includes preparation of a final engineer's opinion of probable construction cost.

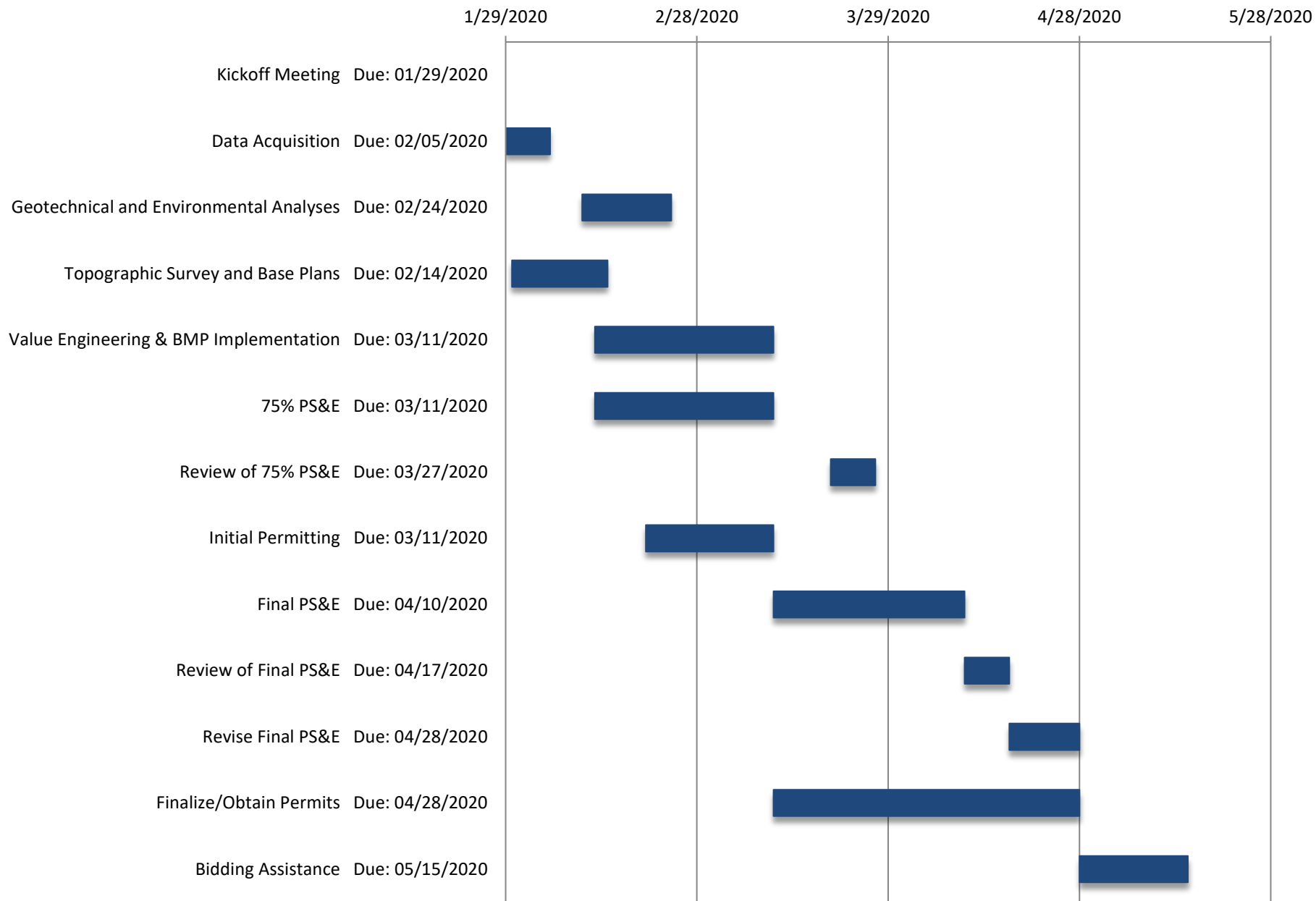
Final PS&E will be submitted to the Village for final review and comments. We will revise PS&E accordingly and provide printed and electronic copies of all documents for distribution to prospective bidders.

**10. Final Permitting** – We will continue to follow up and update permit applications referenced in the Phase 1 work plan. This includes finalizing approvals through each permitting agency.

### Phase 3 – Competitive Bidding Process

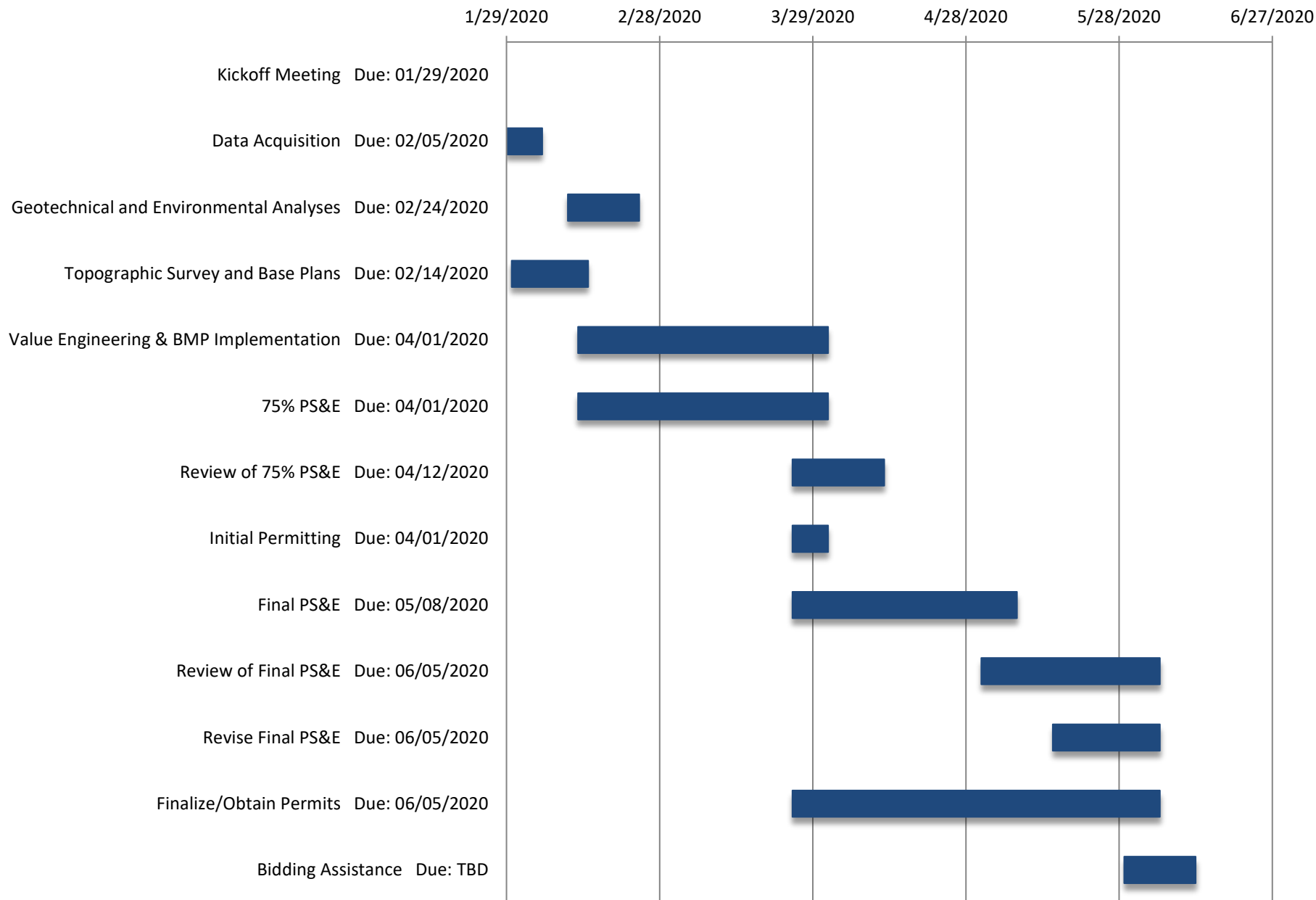
**11. Bidding Assistance** – ERA will provide bidding assistance for the project. This work will include answering bidder questions, attendance at a pre-bid meeting (if held), preparation of addenda as required, tabulation of bids, reference checks and recommendations for award of the construction contract.



**Project #1A Utility and Roadway Improvements (Streets East of Lorraine)** *Prepared by ERA*

**Project #1B Utility and Roadway Improvements (All other streets)**

Prepared by ERA





## Compensation Project #1

### Cost Summary

Fees for design engineering services described in this proposal are based on an hourly multiplier of 2.80 times direct staff payroll rates. Direct costs will be charged at their actual rate incurred with no markup.

Detailed summaries of anticipated hours and fees and average hourly payroll rates are included on this and the following pages to support our Not-To-Exceed cost as outlined below.

### Not-To-Exceed Cost

| Man Hours            | Amount |              |
|----------------------|--------|--------------|
| Design Engineering   | 2,259  | \$231,860.00 |
| Direct Costs         |        | \$21,533.00  |
| Total, Not-To-Exceed | 2,259  | \$253,393.00 |

**Hour Summary**

Village of Glen Ellyn

**Utility and Roadway Improvements - Project #1**

Prepared By:  
Engineering Resource Associates, Inc.  
January 10, 2020

Multiplier Rate: **2.80**

PD = Project Director  
DES = Director of Environmental Services  
PM = Project Manager  
PE = Project Engineer  
DE = Design Engineer  
ES = Environmental Specialist  
LS = Land Surveyor  
CC = Survey Crew Chief  
FT = Survey Field Technician  
CT = Cadd Technician

| Task                                                 | Charge Rate: | Staff Title: | PD<br>\$170.00 | PM<br>\$155.00 | PE3<br>\$130.00 | PE2<br>\$115.00 | PE1<br>\$100.00 | DE<br>\$80.00 | DES<br>\$140.00 | LS<br>\$115.00 | CC<br>\$85.00 | FT<br>\$72.00 | CT<br>\$105.00 | Hours | Fees             |
|------------------------------------------------------|--------------|--------------|----------------|----------------|-----------------|-----------------|-----------------|---------------|-----------------|----------------|---------------|---------------|----------------|-------|------------------|
| <b>Phase 1</b>                                       |              |              |                |                |                 |                 |                 |               |                 |                |               |               |                |       |                  |
| 1. Meetings and Coordination                         |              |              | 4              | 8              | 12              | 0               | 0               | 16            | 0               | 0              | 0             | 0             | 0              | 40    | \$4,760          |
| 2. Data Acquisition                                  |              |              | 0              | 2              | 8               | 0               | 0               | 16            | 0               | 0              | 0             | 0             | 0              | 26    | \$2,630          |
| 3. Geotechnical Engineering / Environmental Analyses |              |              | 0              | 2              | 2               | 0               | 0               | 4             | 0               | 0              | 0             | 0             | 0              | 8     | \$890            |
| 4. Topographic Survey and Base Plans                 |              |              | 0              | 2              | 0               | 0               | 0               | 8             | 0               | 4              | 0             | 120           | 80             | 214   | \$18,450         |
| 5. Value Engineering & BMP Implementation            |              |              | 0              | 2              | 0               | 4               | 0               | 4             | 2               | 0              | 0             | 0             | 0              | 12    | \$1,370          |
| 6. Storm Sewer Analysis                              |              |              | 0              | 4              | 0               | 8               | 0               | 16            | 0               | 0              | 0             | 0             | 0              | 28    | \$2,820          |
| 7. Pre-Final PS&E                                    |              |              | 4              | 40             | 80              | 160             | 240             | 240           | 16              | 0              | 0             | 0             | 300            | 1080  | \$112,620        |
| 8. Initial Permitting                                |              |              | 0              | 2              | 0               | 8               | 0               | 12            | 8               | 0              | 0             | 0             | 0              | 30    | \$3,310          |
| Phase 1 Subtotal:                                    |              |              | 8              | 62             | 102             | 180             | 240             | 316           | 26              | 4              | 0             | 120           | 380            | 1438  | \$146,850        |
| Direct Costs                                         |              |              |                |                |                 |                 |                 |               |                 |                |               |               |                |       |                  |
| Mileage                                              |              |              |                |                |                 |                 |                 |               |                 |                |               |               |                |       | \$250            |
| Printing                                             |              |              |                |                |                 |                 |                 |               |                 |                |               |               |                |       | \$500            |
| Geotechnical and Environmental Investigations        |              |              |                |                |                 |                 |                 |               |                 |                |               |               |                |       | \$20,133         |
| Shipping                                             |              |              |                |                |                 |                 |                 |               |                 |                |               |               |                |       | \$50             |
| Subtotal, Direct Costs                               |              |              |                |                |                 |                 |                 |               |                 |                |               |               |                |       | \$20,883         |
| <b>Phase 1 Total:</b>                                |              |              |                |                |                 |                 |                 |               |                 |                |               |               |                |       | <b>\$167,733</b> |
| <b>Phase 2</b>                                       |              |              |                |                |                 |                 |                 |               |                 |                |               |               |                |       |                  |
| 9. Final PS&E                                        |              |              | 6              | 18             | 54              | 108             | 180             | 180           | 6               | 0              | 0             | 0             | 240            | 792   | \$81,690         |
| 10. Final Permitting                                 |              |              | 0              | 0              | 1               | 0               | 2               | 4             | 0               | 0              | 0             | 0             | 2              | 9     | \$860            |
| Phase 2 Subtotal:                                    |              |              | 6              | 18             | 55              | 108             | 182             | 184           | 6               | 0              | 0             | 0             | 242            | 801   | \$82,550         |
| Direct Costs                                         |              |              |                |                |                 |                 |                 |               |                 |                |               |               |                |       |                  |
| Mileage                                              |              |              |                |                |                 |                 |                 |               |                 |                |               |               |                |       | \$50             |
| Printing                                             |              |              |                |                |                 |                 |                 |               |                 |                |               |               |                |       | \$500            |

**Hour Summary**

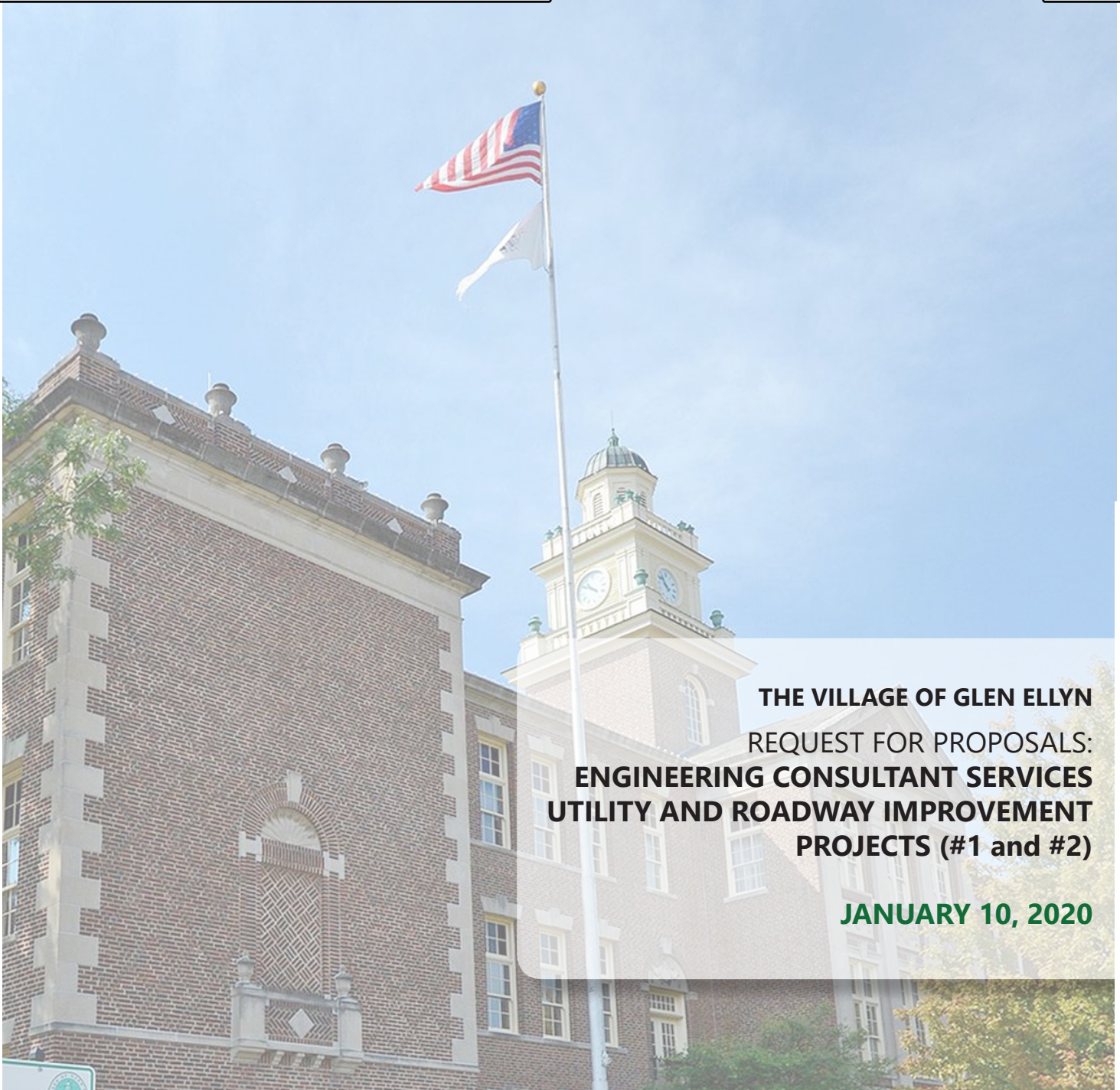
Village of Glen Ellyn  
**Utility and Roadway Improvements - Project #1**

Prepared By:  
 Engineering Resource Associates, Inc.  
 January 10, 2020

Multiplier Rate: **2.80**

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| Task                   | Charge Rate: | Staff Title: | PD        | PM        | PE3        | PE2        | PE1        | DE         | DES       | LS       | CC       | FT         | CT         | Hours       | Fees             |
|------------------------|--------------|--------------|-----------|-----------|------------|------------|------------|------------|-----------|----------|----------|------------|------------|-------------|------------------|
| Shipping               |              |              |           |           |            |            |            |            |           |          |          |            |            |             | \$50             |
| Subtotal, Direct Costs |              |              |           |           |            |            |            |            |           |          |          |            |            |             | \$600            |
| <b>Phase 2 Total:</b>  |              |              |           |           |            |            |            |            |           |          |          |            |            |             | <b>\$83,150</b>  |
| Phase 3                |              |              |           |           |            |            |            |            |           |          |          |            |            |             |                  |
| 11. Bidding Assistance |              |              | 0         | 4         | 8          | 0          | 8          | 0          | 0         | 0        | 0        | 0          | 0          | 20          | \$2,460          |
| Phase 3 Subtotal:      |              |              | 0         | 4         | 8          | 0          | 8          | 0          | 0         | 0        | 0        | 0          | 0          | 20          | \$2,460          |
| Direct Costs           |              |              |           |           |            |            |            |            |           |          |          |            |            |             |                  |
| Mileage                |              |              |           |           |            |            |            |            |           |          |          |            |            |             | \$25             |
| Printing               |              |              |           |           |            |            |            |            |           |          |          |            |            |             | \$25             |
| Shipping               |              |              |           |           |            |            |            |            |           |          |          |            |            |             | \$0              |
| Subtotal, Direct Costs |              |              |           |           |            |            |            |            |           |          |          |            |            |             | \$50             |
| <b>Phase 3 Total:</b>  |              |              |           |           |            |            |            |            |           |          |          |            |            |             | <b>\$2,510</b>   |
| <b>Total Hours</b>     |              |              | <b>14</b> | <b>84</b> | <b>165</b> | <b>288</b> | <b>430</b> | <b>500</b> | <b>32</b> | <b>4</b> | <b>0</b> | <b>120</b> | <b>622</b> | <b>2259</b> | <b>\$231,860</b> |
| Total Direct Costs     |              |              |           |           |            |            |            |            |           |          |          |            |            |             | \$21,533         |
| <b>Project Totals</b>  |              |              |           |           |            |            |            |            |           |          |          |            |            |             | <b>\$253,393</b> |



**THE VILLAGE OF GLEN ELLYN  
REQUEST FOR PROPOSALS:  
ENGINEERING CONSULTANT SERVICES  
UTILITY AND ROADWAY IMPROVEMENT  
PROJECTS (#1 and #2)**

**JANUARY 10, 2020**



**GHA GEWALT HAMILTON  
ASSOCIATES, INC.**

*An Employee-Owned Company*

625 Forest Edge Drive - Vernon Hills, IL 60061

**847.478.9700 [GHA-Engineers.com](http://GHA-Engineers.com)**



**Rich Daubert, P.E.,**  
Professional Engineer  
Village of Glen Ellyn  
Public Works Reno Service Center  
30 South Lambert Road  
Glen Ellyn, IL 60137

625 Forest Edge Drive ■ Vernon Hills, IL 60061  
847.478.9700 ■ [GHA-Engineers.com](http://GHA-Engineers.com)

**January 10, 2020**

**RE: Village of Glen Ellyn RFP : ENGINEERING CONSULTANT SERVICES  
Utility and Roadway Improvement Projects (#1 and #2)**

Dear Mr. Daubert,

Thank you for this opportunity to present our proposal to the Village of Glen Ellyn for the Utility and Roadway Improvement Projects (#1 and #2). As you know, Gewalt Hamilton Associates, Inc. (GHA) brings solid qualifications and a strong desire to serve the Village as we have in the past.

We know that all projects are unique and in order to arrive at the wisest approach, it takes all of the strengths that GHA holds - education, experience, creativity, fiscal responsibility, and most importantly, reliable communication. We take great pride in the high quality of collaboration we share with our municipal clients, some of which we have served for over 35 years.

GHA attracts and retains talented people who invest their obsession with high-quality engineering in every assignment, and it shows with excellent outcomes, well-served clients, and assets designed and installed correctly and efficiently.

We are delighted to have you review our Proposal for this project, which appears to be an excellent match for GHA's capabilities. We have presented the separate proposals that follow, separated by tabs (print copies) and bookmarks (pdf). If there are any questions or clarifications needed, please do not hesitate to contact me for immediate reply. We look forward to hearing from you and discussing the project and its components in detail.

Sincerely,  
**GEWALT HAMILTON ASSOCIATES, INC**

A handwritten signature in blue ink that reads "Michael T. Shrake".

Michael T. Shrake, P.E.  
President

DIRECT: 847.821.6216  
E: [MShrake@GHA-Engineers.com](mailto:MShrake@GHA-Engineers.com)



## Contents

# Project 2

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- Municipal Engineering Expertise

### **(2) Experience on Similar Projects**

### **(3) Qualifications**

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- Project Organizational Chart

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- Schedule of Tasks

### **(5) Project Approach**

### **(6) Opportunities for Improvement**

### **(7) Project Costs**



## (1) Firm Information

### Background and General Description

FULL LEGAL NAME: **Gewalt Hamilton Associates, Inc. (GHA)**  
 ADDRESS: **625 Forest Edge Drive – Vernon Hills, IL 60061**  
 PHONE: **847.478.9700**  
 CONTACT / EMAIL: **Michael T. Shrake, P.E. / [MShrake@gha-engineers.com](mailto:MShrake@gha-engineers.com)**  
 WEBSITE: **GHA-Engineers.com**

Gewalt Hamilton Associates, Inc. (GHA), an employee-owned company, has more than 38 years of experience serving municipal, county, agency and private clients. As the full-time Village/City Engineer for eleven municipalities, our duties include plan review, design, construction oversight of capital improvements, and maintenance of Village atlases and GIS data. We also serve as the Lake County Watershed Development Ordinance Enforcement Officer for seven communities.

GHA boasts approximately 90 staff with impressive credentials, valuable areas of expertise and significant, applicable experience. At GHA, we provide a personal approach to Civil Engineering with dedication, integrity, and passion. We see every project as a shared experience, as your guide toward great outcomes.

The selection of key personnel will reveal leadership and staff driven by copious experience, educated judgement and a strong desire to prove GHA as the firm prepared to deliver the value that the Village of Glen Ellyn seeks. This value is deepened by the commitment GHA holds to providing an internal support team that contributes additional structure to promote our pledge of value-based project management.

GHA is prequalified with the Illinois Department of Transportation in 14 categories:

- |                                         |                                          |
|-----------------------------------------|------------------------------------------|
| 1. Construction Inspection              | 8. Surveying                             |
| 2. Hydraulic Reports: Waterways Complex | 9. Feasibility Studies                   |
| 3. Sanitary Engineering                 | 10. Hydraulic Reports: Waterways Typical |
| 4. Reconstruction/Major Rehabilitation  | 11. Location Drainage                    |
| 5. Roads & Streets                      | 12. Rehabilitation                       |
| 6. Traffic Studies                      | 13. Safety Studies                       |
| 7. Traffic Signals                      | 14. Signal Coordination & Timing (SCAT)  |

### Unique Strengths:

There are specific strengths that GHA has developed which have been of great advantage to our clients. Among the most valuable, and applicable across our service spectrum is **intentional, complete communication**. It's readily apparent that breakdowns in project continuity can commonly be attributed to communication errors that could have been avoided. We address this by being proactive and purposeful in how, when and why we communicate, with a conscious effort to reduce the risk of misunderstandings.

Additionally, GHA's approach to project management includes consistently **seeking every opportunity to reduce costs and protect project timelines**. We believe that our discovery of these opportunities has saved our clients significant funds over the course of each relationship, increasing the tangible value of choosing GHA as an engineering resource.

### Municipal Engineering Expertise

Municipal engineering has been a core service at GHA since the inception of the firm, so we are well-suited to provide all services needed by the Village of Glen Ellyn in connection with this assignment.

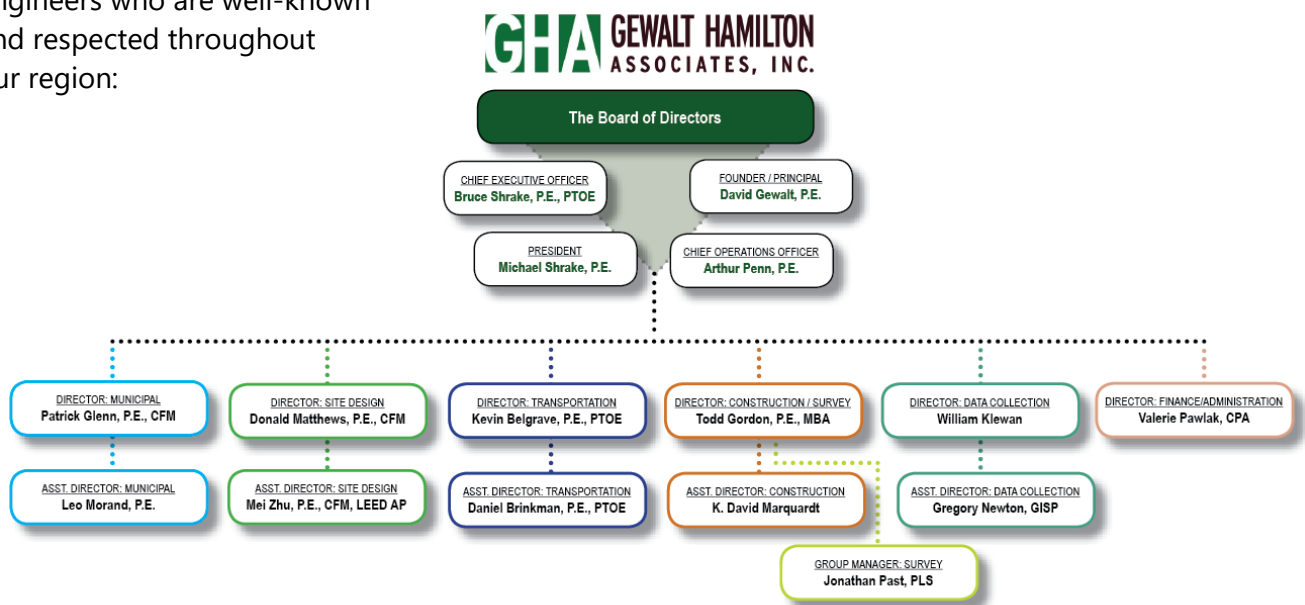
This preparation comes in the form of **personal dedication** from our Project Team, **supported by the staff, systems, and processes** in place throughout the organization. GHA is prepared to prioritize the Village's needs through a genuine understanding of urgencies and best-practices-based solutions.

### Areas of Particular Value:

- GHA's deep experience from the municipal perspective has informed and enabled our skillset at a very high level. This municipal perspective is an essential part of our identity.
- GHA's consistent ability to identify potential concerns early in the project design process has become well-known across our client Municipalities.

Quality assurance throughout our firm is process-driven, inspired by the earliest days of founders, Dave Gewalt and Bob Hamilton, when virtually all projects were for municipal clients.

This is when the virtues of *a **keen eye for savings and fresh solutions*** became a permanent descriptor for GHA. This remains a daily focus for the entirety of GHA's executive leadership that includes GHA engineers who are well-known and respected throughout our region:



John Briggs, P.E.  
 Alex Kedzior  
 Peter Lind, P.E.  
 Jodi McCarthy P.E., CFM, CPESC  
 Kenneth Meek  
 Geoff Perry, P.E.  
 Wade Rafati, P.E.  
 Sarah Ronin, P.E.  
 Carissa Smith, P.E., MBA  
 Daniel Strahan, P.E. CFM  
 Brian Wesolowski, P.E., CFM

## (2) Experience on Similar Projects

### Lake Street Improvements, Phase I, II and III

Grayslake, Illinois

Following completion of Phase I and II engineering, GHA provided construction engineering for the resurfacing of approximately 1.5 miles of Lake Street, from Center Street to IL Rte. 83, omitting the intersections with Washington Street (LCDOT) and IL Rte. 83 (IDOT). Curb/gutter was added from Washington Street to IL Rte. 83.

The project also includes improving the existing crosswalks and sidewalk ramps throughout the project limits to ADA standards, as well as improving the pavement condition and transition at the CN Railroad crossing. This \$1.5 million project utilized STP funding.



#### Key elements of the projects include:

- \$ 1.52 million Federally funded
- Sidewalk improvements
- Canadian National Railroad crossing
- Local route

#### Impacts to:

- Stand-alone retailers, restaurants, banks, and offices in a downtown business district
- Grayslake Central High School
- Residential homes and subdivisions



#### **REFERENCE:**

##### **Bill Heinz**

Director of Public Works / Village Engineer  
Village of Grayslake  
585 Berry Avenue  
Grayslake, IL 60030  
847-223-8515  
wheinz@villageofgrayslake.com



## 2017 Road Program

Buffalo Grove, Illinois

GHA has assisted the Village of Buffalo Grove with various capital improvements since 2013. In 2017, among other projects, we assisted with the annual roadway resurfacing project. The project included 13,236 linear feet of roadway resurfacing, spot curb and gutter replacement, curb ramp replacements to meet ADA requirements, and minor drainage improvements.



The improvements were complicated by the fact that the Village has many cul-de-sacs as well as this specific area of the Village had narrower roads. The team was able to overcome these challenges by developing a staging plan with Village staff, updating the staging plan once a contractor was under contract, and communicating with the residents using multiple platforms. Communication occurred via hand delivered letters, social media, websites, and weekly email updates.

Construction cost was just under \$2 Million. GHA provided all necessary design (including detailed curb ramp grading plans), bid documents, bidding assistance, and resident engineering.

### REFERENCE:

**Darren Monico, P.E.**  
Village Engineer  
Village of Buffalo Grove  
50 Raupp Boulevard  
Buffalo Grove, IL 60089  
847-459-2523  
dmonico@vbg.org





## Municipal Engineering Services

Barrington, Illinois

GHA has provided yearly Municipal Engineering Services to the Village of Barrington since 2004. Barrington is a 5-square-mile community situated about 32 miles northwest of Chicago, with a population of approximately 10,300.

GHA has performed extensive engineering design services on behalf of the Village. Our core services contribute to the annual Capital Improvement Projects. GHA has also served as the interim Village Engineer during personnel transitions as well as performed various drainage studies on behalf of the Village.

GHA has designed over five miles of roadway reconstruction / rehabilitation and various utility improvements over the years. The annual capital improvement project typically includes new water main, storm sewer upgrades, sanitary sewer replacements, and storm / sanitary sewer spot repairs. Our services have included complete topographic surveying and roadway/utility design. GHA has also prepared permitting, bidding and contract specifications packages for the programs, as well as administered the bid openings, tabulated the bids received, prepared a recommendation for award, and coordinated the execution of the contract documents.

For all improvement programs, GHA has assisted the Village in evaluating and prioritizing the roadways to be included within each capital improvement project. The combined value of the programs exceeds \$30 million.



### REFERENCE:

**Marie Hansen, PE**

Director of Development Services

Village of Barrington

200 S Hough Street

Barrington, IL 60010

847-304-3460

## (3) Qualifications

### Your Project 2 Team

#### **Client Manager - Mike Shrake**

Michael T. Shrake, P.E., President of GHA, is a Registered Professional Engineer practicing for more than 30 years as a Civil Engineer with emphasis on construction, municipal work, site development, school and park district design, commercial sites, subdivision design and review, and roadway pavement analysis. Mr. Shrake became an associate partner in 1991 and a Principal in 2011. Mr. Shrake has overseen the design, review and construction of over \$500 million dollars of infrastructure improvements during his career.

#### **QA/QC - Pat Glenn**

Patrick J. Glenn, P.E., CFM, Director of Municipal Services for Gewalt Hamilton Associates, Inc., is a Civil Engineer with emphasis on municipal engineering, stormwater/drainage issues and Geographic Information Systems. He oversees the firm's public infrastructure improvement projects and plan reviews. Mr. Glenn's municipal duties regularly involve project planning and scoping, preliminary and final engineering design, plan review, construction cost estimating, utility design, permitting, easement negotiation, public hearing presentations, construction contract bidding and administration, construction-phase engineering, ordinance review and development, and interaction with municipal staff, officials and residents.

### **PROJECT 2:**

#### **Project Manager - Kevin Belgrave**

Kevin L. Belgrave, P.E., PTOE, Director of Transportation, currently serves as the Phase II Manager overseeing all roadway design projects for Gewalt Hamilton Associates. Mr. Belgrave is a Registered Professional Engineer practicing over 25 years as a Civil Engineer, with emphasis on transportation engineering and roadway design. Prior to joining GHA, Mr. Belgrave worked for the Illinois Department of Transportation. He served as a Construction Inspector and Design Engineer for eight years.

#### **Project Engineer - Mark Cobb**

Mark C. F. Cobb, P.E. joined Gewalt Hamilton Associates, Inc. as an intern in 1997. Upon receiving his degree in 2000, Mr. Cobb became a full-time employee, focusing primarily on roadway design, and construction engineering. In 2017, Mr. Cobb assumed the position of CAD Manager, with responsibility for establishing AutoCAD guidelines in conformance with IDOT requirements, reviewing plans on behalf of the Transportation Services Division, as well as providing AutoCAD training for new staff.

#### **Survey - Jon Past**

Jonathan F. Past, PLS is a Licensed Professional Surveyor with more than 35 years of industry experience in all types of surveys using a variety of technologies. As Manager of GHA's Survey Group, Mr. Past is responsible for scheduling and management of all survey staff, project procurement and pricing, QA/QC of completed work, and R&D for new innovations in land surveying.

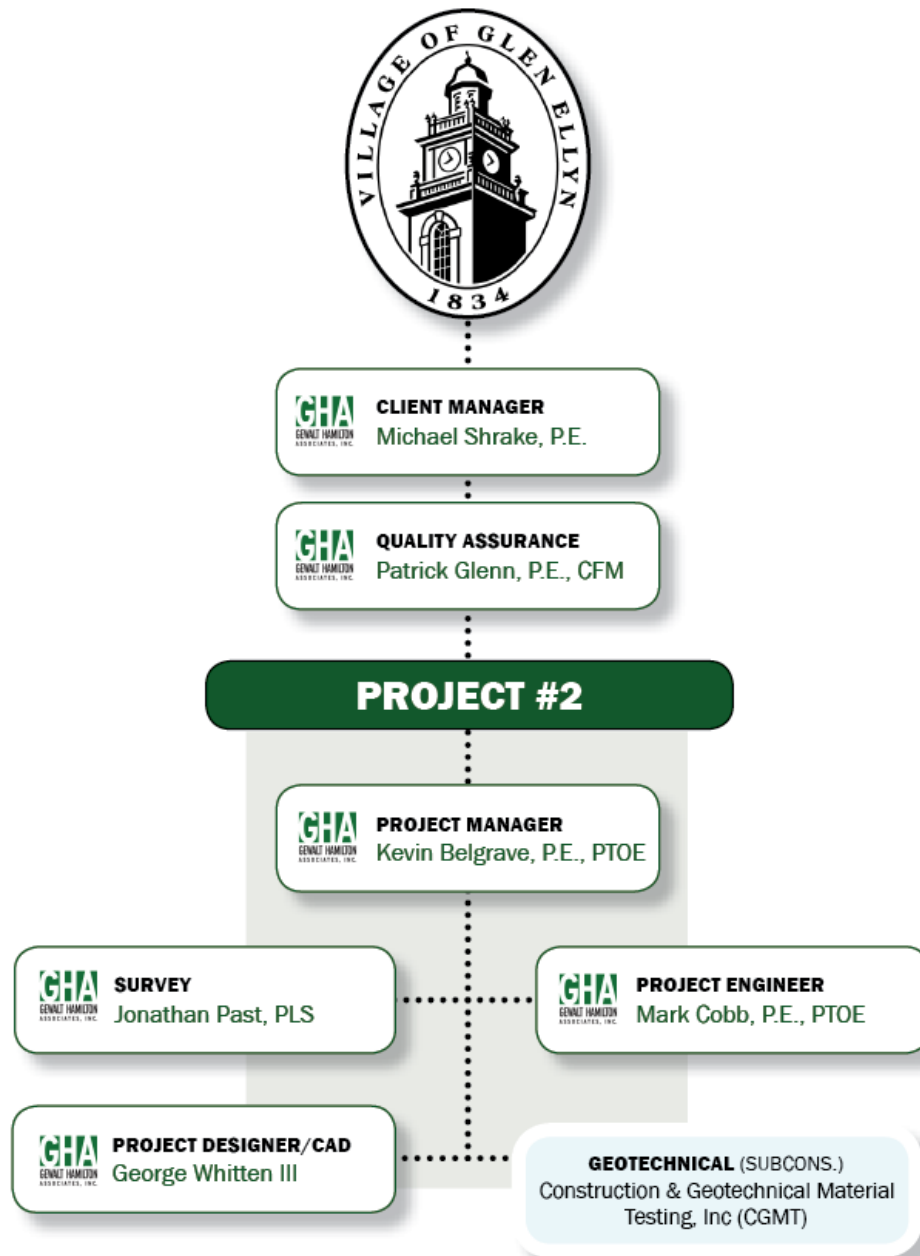


**Project Designer / Drafter - George Whitten**

*George Whitten III has more than 35 years of drafting experience with emphasis on capital improvements. He began using in AutoCAD in 1987, and has maintained sole responsibility for the development of, and updates to, GHA's AutoCAD standards. Mr. Whitten is highly proficient in drafting all types of engineering improvements, from roadways and utilities to site improvements and stormwater management.*

**Construction & Geotechnical Material Testing, Inc (CGMT)**

Geotechnical (Subconsultant: Please see details following GHA project team members' resumés)

**Project Organizational Chart** (Resumes for Project Team follow)



### **Education**

Bachelor of Science  
Civil Engineering, University  
of Rhode Island, 1984

Master of Science Civil and  
Environmental Engineering,  
University of Rhode Island,  
1986

### **Professional Registration**

Illinois Licensed  
Professional Engineer  
#062-45144

### **Memberships**

National Society of  
Professional Engineers

Illinois Society of  
Professional Engineers

American Society of Civil  
Engineers

American Public Works  
Association

## **Michael T. Shrake, P.E.**

### **President**

**Gewalt Hamilton Associates, Inc.**

847-821-6216 | [mshrake@gha-engineers.com](mailto:mshrake@gha-engineers.com)

### **Experience**

Michael T. Shrake is a Registered Professional Engineer practicing for more than 30 years as a Civil Engineer, with emphasis on construction, municipal work, site development, school and park district design, commercial sites, subdivision design and review, and roadway pavement analysis. Mr. Shrake became an associate partner in 1991 and a Principal in 2011. Mr. Shrake has overseen the design, review and construction of over \$500 million dollars of infrastructure improvements during his career.

### **Construction Management**

Mr. Shrake has served as the Project Manager for numerous roadway, municipal, school district, park district, and private construction projects. Responsibilities include project layout, utilities, construction observation, contract administration, and client/agency contact. Mr. Shrake currently oversees GHA's Construction & Survey Division, with responsibility for coordinating scheduling and staffing of projects.

### **Municipal Engineering**

Mr. Shrake provides planning, design, and review responsibility for a variety of municipal projects including roadways, subdivisions, commercial developments, public water supply, storm water management, storm and sanitary sewers. Currently, Mr. Shrake serves as the Village Engineer in the Village of Long Grove. He previously served as the Village Engineer for Kildeer, Lake Barrington, Riverwoods and Wadsworth. Mr. Shrake has a combined total of over 40 years of experience serving as a Village Engineer.

### **Site Development**

Mr. Shrake has provided planning and design services for a variety of site development projects for school and park districts, hospitals, congregate care facilities, subdivisions, roadways, commercial and office sites. Mr. Shrake served as the Project Manager and provided full civil engineering design for the new Waukegan SportsPark, and Gurnee School District 56's new Prairie Trail School. Both received SMC's Project of the Year. He has also overseen the improvements at both Warren Township High School District 121 campuses. He has managed multiple site development projects for the following clients:

- Kildeer Countryside School District 96
- Fairview Ministries, Downers Grove
- Special Education District of Lake County (SEDOL)
- Glenview Public School District 34
- Grayslake Park District
- Advocate Lutheran General Hospital
- Kaneland Community Unit School District 302
- Hawthorn School District 73
- Wilmette Park District
- Woodstock Community Unit School District 200



## Patrick J. Glenn, P.E., CFM

Director of Municipal Services

Gewalt Hamilton Associates, Inc.

847-821-6223 | [pglenn@gha-engineers.com](mailto:pglenn@gha-engineers.com)

### Education

Bachelor of Science in  
Civil Engineering,  
University of Illinois at  
Chicago, 1996

### Professional Registration

IL Licensed Professional  
Engineer #062-054479

Certified Floodplain Manager

Lake County Designated  
Erosion Control Inspector

Watershed Development  
Ordinance Enforcement  
Officer

### Memberships

American Society of Civil  
Engineers (ASCE)

Illinois Society of  
Professional Engineers

Illinois GIS Association

American Water  
Works Association

American Public  
Works Association

### Experience

Patrick J. Glenn, Director of Municipal Services for Gewalt Hamilton Associates, Inc., is a Civil Engineer with emphasis on municipal engineering, stormwater/drainage issues and Geographic Information Systems. He oversees the firm's public infrastructure improvement projects and plan reviews. Mr. Glenn's municipal duties regularly involve project planning and scoping, preliminary and final engineering design, plan review, construction cost estimating, utility design, permitting, easement negotiation, public hearing presentations, construction contract bidding and administration, construction-phase engineering, ordinance review and development, and interaction with municipal staff, officials and residents.

### Municipal Engineering

Village Engineer for the Villages of Riverwoods (Lake County) and Golf (Cook County). Responsible for all aspects of Municipal Engineering, including permit review and preparation and enforcement of Zoning, Subdivision, and Floodplain ordinances and Engineering standards; water distribution and sanitary sewer design, construction and analysis; street maintenance and rehabilitation; preparation and review of subdivision and annexation plats; local and regional drainage studies, drainage improvement design and installation.

### Capital Projects Engineer, Village of Northfield

Responsible for project planning; capital budgeting; coordination for Federal and State funding; Phase I, II, and III engineering; permitting; construction contract administration; Federal and State project close-out.

### Stormwater Management

Project Engineer for Hydraulic Report preparation in support of bridge rehabilitation/ replacement, various locations, Illinois Department of Transportation. Base Flood Elevation determinations, 1,000+ acre watersheds, urban and rural areas. Stormwater management system design, storm sewer analysis, best management practice (BMP) design.

### Riverwoods Water Supply

Mr. Glenn was the Project Manager for the Village water supplier change, from the City of Highland Park via the Village of Deerfield, to the Village of Northbrook. Mr. Glenn facilitated contract negotiations with the two municipalities, and oversaw design and construction of the improvements, which consisted of a new connection and metering station in Northbrook, 4,500 feet of 12-inch water main (including a 150-foot auger and jack crossing of Lake Cook Road), reservoir upgrades in Riverwoods to accept the new source, System Control and Data Acquisition and wireless telemetry improvements, and permitting. The project timeline was accelerated in order to avoid having to contribute to Highland Park's planned facilities upgrades. Design, construction, and delivery was completed within one year of contract acceptance.

PATRICK GLENN  
Continued

**Water Main System Analysis and Area Improvement Projects, Mettawa**

Mr. Glenn served as the Project Manager for analysis of the Village’s existing water system and preliminary engineering for a new water distribution network in six areas within the Village of Mettawa. Following completion of the project, Mr. Glenn managed the design engineering for Area 1, the first phase of recommended improvements, consisting of approximately 2,300 feet of 8-inch watermain and associated improvements along St. Mary’s Road.



## Kevin Belgrave, P.E., PTOE

Director of Transportation Services

Gewalt Hamilton Associates, Inc.

847-821-6226 | [kbelgrave@gha-engineers.com](mailto:kbelgrave@gha-engineers.com)

### Education

Bachelor of Science,  
Civil Engineering, University  
of Illinois at Urbana, 1991

### Professional Registration

State of Illinois Licensed  
Professional Engineer  
#062 051750

Professional Traffic  
Operations Engineer  
(PTOE) #2967

### Memberships

American Public Works  
Association (APWA)

Illinois Association of  
Highway Engineers (IAHE)

International Erosion Control  
Association

### Experience

Kevin L. Belgrave, Director of Transportation, currently serves as the Phase II Manager overseeing all roadway design projects for Gewalt Hamilton Associates. Mr. Belgrave is a Registered Professional Engineer practicing over 25 years as a Civil Engineer, with emphasis on transportation engineering and roadway design.

Prior to joining GHA, Mr. Belgrave worked for the Illinois Department of Transportation. He served as a Construction Inspector and Design Engineer for eight years. Mr. Belgrave was Area Permit Engineer for six years and served one year as the interim IDOT District One Permit Engineer, overseeing a staff of eight permit engineers/technicians. Responsibilities included plan review and field review; meeting with municipalities, consultants and developers; and final permit approval.

### North Avenue Phases I, II and III, Villages of Bannockburn and Deerfield

Mr. Belgrave served as Project Manager for both Phase I and Phase II of the North Avenue reconstruction project which was a joint effort between the Villages of Deerfield and Bannockburn. This project was federally funded with Surface Transportation Program (STP) funds. The project consisted of approximately 0.61 miles of complete reconstruction of the existing roadway with curb and gutter. The project also included approximately 2,600 feet of new storm sewer; 1,800 feet of sanitary sewer lining; 3,200 feet of new water main along with the final restoration. The project was awarded at \$2.5 million with construction substantially completed in 2016.

### Lee Street and Perry Street Phases I and II – Des Plaines, Illinois

Mr. Belgrave served as the Design Engineer for roadway widening and traffic signal installation at the intersection of Lee Street and Perry Street. Proposed improvements included upgrading the existing stop-sign controlled intersection with a complete traffic signal installation and traffic signal interconnect. GHA provided traffic and civil engineering services.

### IDOT Experience

Mr. Belgrave served as a Construction Inspector and Design Engineer from 1991 through 1999. Mr. Belgrave served as Area Permit Engineer from 1999 through 2004, as well as the interim IDOT District 1 Permit Engineer during 2003 and 2004, overseeing a staff of eight area permit engineers/technicians. Responsibilities included meeting with municipalities, consultants and developers on various projects; coordination between proposed permit projects and IDOT improvements; plan reviews; field reviews; and final permit issuance.

### Design

Since joining GHA in 2005, Mr. Belgrave has served as Project Manager on a variety of roadway design projects for both private developers and Municipal Clients including the following: the City of Waukegan; the Villages of Bannockburn, Deerfield, Kildeer, Mount Prospect and Mundelein; as well as

KEVIN BELGRAVE  
Continued

the Cuba Township Highway Department. Currently Mr. Belgrave is serving as Project Manager for the West Hawley Street Improvement Project in the Village of Mundelein from Midlothian Road to US Rte 45, as well as the Kensington Road Phase I Project in the Village of Mount Prospect from Forest Ave to US Rte 12.

**Construction**

Mr. Belgrave has served as Project Manager on a multitude of construction projects, including the \$2.3 Million Wilmot Road widening and water main installation project in the Village of Deerfield which was Federally Funded through the ARRA program. Mr. Belgrave also served as Project Manager for the \$3.5 Million Randall Road and Fox Lane improvements for Sherman Hospital in Elgin, IL. This project was permitted by the Kane County Division of Transportation. Mr. Belgrave oversees between \$4-6 million in construction projects annually.



**Education**

Bachelor of Science, Civil Engineering, Illinois Institute of Technology, 2000

**Professional Registration**

Illinois Licensed Professional Engineer #062-067573

**Mark G.F. Cobb, P.E.****Civil Engineer / CAD Manager**

Gewalt Hamilton Associates, Inc.

847-821-6257 | [mcobb@gha-engineers.com](mailto:mcobb@gha-engineers.com)

**Experience**

Mr. Cobb joined Gewalt Hamilton Associates, Inc. as an intern in 1997. Upon receiving his degree in 2000, Mr. Cobb became a full-time employee, focusing primarily on roadway design, and construction engineering. In 2017, Mr. Cobb assumed the position of CAD Manager, with responsibility for establishing AutoCAD guidelines in conformance with IDOT requirements, reviewing plans on behalf of the Transportation Services Division, as well as providing AutoCAD training for new staff.

**Buffalo Grove Road Improvements Phase II, Buffalo Grove (LCDOT)**

Mr. Cobb served as Project Engineer for design of improvements to an approximately 1.8-mile segment of Buffalo Grove Road. Improvements include full pavement reconstruction, pavement design, drainage improvements, maintenance of traffic, new multi-use path added to gap areas, and replacement and updating of all traffic signals within the project corridor.

**IL Rte. 59 at Duke Parkway Extension, Cities of Aurora and Warrenville**

Mr. Cobb served as Project Engineer for the IL Rte. 59 at Duke Parkway intersection project which included the extension of an existing roadway and new signalized intersection to serve a proposed 1.1 million square foot AMAZON distribution facility. This project was partially funded with Economic Development for a Growing Economy (EDGE) funding from State of Illinois. The project consisted of approximately 0.15 miles of new roadway and 0.4 miles of mainline roadway widening and a new signalized intersection spanning both the City of Aurora and the City of Warrenville. The project had an extremely compressed timeline with preliminary traffic studies and engineering commencing in September 2016 with a local letting in June 2017. The \$3.5 million construction project was substantially complete in November 2017.

**US Rte. 12/45 (Lee Street) at Forest Avenue, Des Plaines**

Mr. Cobb served as Project Engineer for roadway widening and traffic signal installation at the intersection of Lee Street and Forest Avenue. Proposed improvements include widening to eliminate an existing "hourglass" condition on the mainline and installation of a new traffic signal. The project received \$1.3 million in Surface Transportation Program (STP) funding for construction. The project is targeting a 2020 construction.

**Grand Avenue, Fox Lake**

Mr. Cobb served as Project Engineer for a \$1.2 million roadway resurfacing project of Grand Avenue, from Nippersink Boulevard to IL Rte. 59. Improvements also included ADA design for side street intersections, curb and gutter and storm sewer repair. The project received Surface Transportation Program (STP) funding and was completed in October 2019.



**Professional Registration**

State of Illinois Licensed  
Professional Land Surveyor  
#035 003341

**Memberships**

Illinois Professional Land  
Surveyors Association,  
Northeast Chapter

National Society of  
Professional Surveyors

**Leadership**

President, Illinois  
Professional Land Surveyors  
Association, Northeast  
Chapter, 2016-2017

**Jonathan F. Past, PLS****Survey Group Leader**

**Gewalt Hamilton Associates, Inc.**

847-821-6236 | [jpast@gha-engineers.com](mailto:jpast@gha-engineers.com)

**Experience**

Mr. Past is a Licensed Professional Surveyor with more than 35 years of industry experience in all types of surveys using a variety of technologies. As Manager of GHA's Survey Group, Mr. Past is responsible for scheduling and management of all survey staff, project procurement and pricing, QA/QC of completed work, and R&D for new innovations in land surveying.

**Boundary Surveys**

Retraces and monument title lines for ALTA/ACSM/NSPS land title surveys, new subdivisions and existing parcels requiring a current survey, including legal descriptions and plat preparation. Also prepares legal descriptions and plats for roadway and easement dedications, roadway and easement vacations and tax division or annexation parcels.

**Route Surveys**

Transportation related experience involving control surveys by GPS and classical methods. Determines existing centerline alignments and existing right-of-way from field surveys and public records. Also prepares plats of highway with legal descriptions for proposed right-of-way for small and large-scale land acquisition projects.

**Engineering and Construction Surveys**

Broad range of experience in small to very large private and public works projects involving settlement monitoring, roadway and site topographic surveys, centerline alignment surveys, and drainage and hydraulic surveys. Experience also includes construction layout and final as-built surveys. All experience has included residential, commercial and industrial development, along with railroads, quarries, roadways, bridges and airports.

**Control Surveys**

Experience with all forms of plane and geodetic survey control for horizontal and vertical purposes. Includes control for photogrammetry, densification, and topographic and engineering surveys.

**Subdivision Surveys**

Preparation and execution Subdivision surveying for the development of several multi acre developments (Residential, Retail and Industrial Subdivisions). From project beginning to fulfillment including deed research, Boundary Survey, ALTA/ACSM/NSPS Land Title Survey, Plat of Subdivision, Individual Lot Plats. Field staking of development including layout of civil improvements, property lines houses, etc., in Lake, McHenry, Boone, DuPage, Kane and Cook Counties.

**Memberships**

Autodesk User Group  
International

**George Whitten III**

Senior Engineering Technician

Gewalt Hamilton Associates, Inc.

[gwhitten@gha-engineers.com](mailto:gwhitten@gha-engineers.com)

**Experience**

George Whitten III has more than 35 years of drafting experience with emphasis on capital improvements. He began using in AutoCAD in 1987, and has maintained sole responsibility for the development of, and updates to, GHA's AutoCAD standards. Mr. Whitten is highly proficient in drafting all types of engineering improvements, from roadways and utilities to site improvements and stormwater management.

**North Avenue Improvements, Deerfield and Bannockburn**

Mr. Whitten served as the Lead Designer for both Phase I and Phase II of the North Avenue reconstruction project which was a joint effort between the Villages of Deerfield and Bannockburn. This project was federally funded with Surface Transportation Program (STP) funds. The project consisted of approximately 0.61 miles of complete reconstruction of the existing roadway with curb and gutter. The project also included approximately 2,600 feet of new storm sewer; 1,800 feet of sanitary sewer lining; 3,200 feet of new water main along with the final restoration. The project was awarded at \$2.5 million with construction substantially completed in 2016.

**Briarwood Vista Subdivision, Deerfield**

Mr. Whitten was the Lead Designer for the \$7.5 million Briarwood Vista Subdivision Infrastructure Improvement project, consisting of approximately 2.34 miles of roadway reconstruction; over 13,000' of new water main; 3,000' of storm sewer; 13,000' of sanitary sewer lining; along with final restoration that impacted approximately 200 single family homes and a school. The work was completed over the course of a single construction season in 2015.

**Woodland Drive and Oakwood Place Drainage Improvements, Deerfield**

Lead Designer for improvements to alleviate excessive ponding at the intersection of Woodland Drive and Oakwood Place, situated at the lowest ground elevation within the 38-acre watershed. GHA completed a drainage analysis with XPSWMM model to simulate the existing storm sewer network and evaluate the proposed stormwater improvements. The existing storm sewer system was upsized to a 36" to accommodate flooding within the Right of Way.

**Various Roadway and Utility Improvements, Bannockburn**

Sterling Road and Valley Road and Watermain Improvements – residential roadway reconstruction, widening, addition of curb & gutter, iron watermain, valves, hydrants, valve vaults, miscellaneous appurtenances, street repairs, and site restoration

**Construction & Geotechnical Material Testing, Inc.**

60 Martin Lane, Elk Grove Village, IL 60007  
♦ Telephone (630) 595-1111 ♦ Fax (630) 595-1110

**Firm Overview**

Since our founding in 2001, CGMT has been provided geotechnical and material testing services on numerous residential, commercial and major civil works projects, ranging from the construction of multiple large commercial retail projects, high-rise hospitality and residential condominiums, and various other residential and transportation-related projects across northeastern Illinois, northwestern Indiana and southern Wisconsin.

**Company Information**

**Location:** The formal address of our facility is 60 Martin Lane, Elk Grove Village, Illinois 60007

**Contact:** Phone: (630) 595-1111 Fax: (630) 595-1110 Web: <http://www.cgmtinc.com>

**Years in Business:** 17<sup>th</sup> Year (2001)

**Principals:** K.C. Patel & Pratik K. Patel

**Additional:** CGMT is a 100 % minority owned business and complies with MBE requirements. We are also a member of the DBE program. CGMT is a State of Illinois licensed Professional Design Firm, Professional Engineering Corporation, and an Illinois Department of Transportation IDOT Pre-qualified Consultant. CGMT's laboratory has been inspected and approved by the Illinois Department of Transportation (IDOT), AASHTO Material Resource Laboratory (AMRL), Cement and Concrete Reference Laboratory (CCRL) and qualified with the U.S. Army Corp of Engineers.

Our founding principles emphasize creating client satisfaction by delivering highly professional engineering services while bringing cutting edge, technical value and cost saving approaches to our clients' projects. We believe our philosophy make us one of the most successful engineering practices in northeastern Illinois.

We look forward to opportunities to work with your firm. If you have any questions or comments, feel free to contact us for additional information. You can also visit <http://www.cgmtinc.com>, or contact me directly at [pkpatel@cgmtinc.com](mailto:pkpatel@cgmtinc.com).

Respectfully Submitted,

**CONSTRUCTION AND GEOTECHNICAL MATERIAL TESTING, INC.**

Pratik K. Patel, P.E.  
Vice President

## (4) Ability to Meet Project Deadlines

Since our inception, GHA has compiled a long history of successfully meeting or exceeding project deadlines. Early in the firm's operation, this came as a result of personal drive and dedication of our founders and the earliest hires. As time progressed and our firm "grew up" into a 90+ staff group, we integrated systems and processes that support the ideals that produce deadline compliance.

GHA is a process-driven organization that has time-sensitivity built into every step along project timelines.

While Quality Assurance topics focus mostly on engineering standards and deliverables, we find that time-associated topics that include methods of "Deadline Compliance Assurance" deserve equal billing.

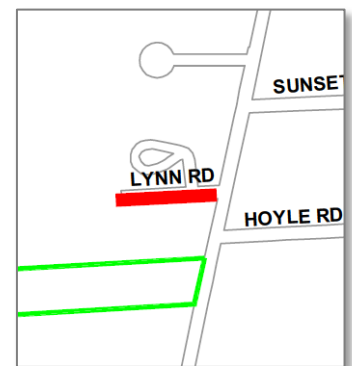
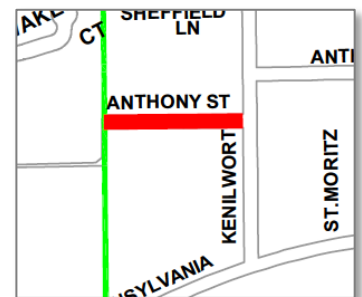
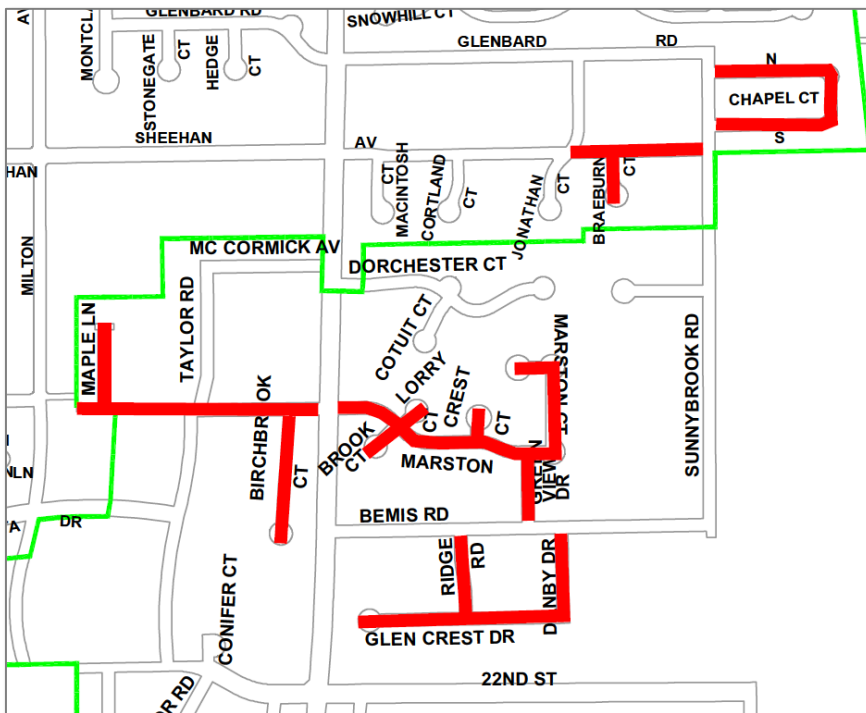
We believe that this helps drive our ability to meet project deadlines.

## (5) Project Approach

Based on our review of the RFP documents and the Village's responses to questions, the schedule of this project is very important to the Village. We have reviewed the information in the RFP and the example documents the Village has made available for review for a similar type project from 2017. GHA is prepared to meet the schedule outlined in the RFP for Project 2 with a goal of getting the improvements awarded at the May 11th board meeting with a May 1st bid opening.

Upon authorization to proceed with the project we would immediately:

- Schedule a kick-off meeting
- Execute the data sharing agreement with the Village GIS consortium. This would be the basis for the background for the plans.
- Supplement the contours from the GIS data with detailed topographic survey for all intersections with adjacent sidewalks. This will allow us to design the required improvements for ADA compliance.
- Add the as-built utility information for sanitary, storm sewer, and watermain to the GIS data in plan format.
- Call in and coordinate the Design Stage J.U.L.I.E. with the various utility companies present in the area.
- Begin review of all sanitary sewer videotapes to determine the necessary spot repairs.
- Authorize our sub-consultant to complete the required geotechnical investigation.



Upon receipt of the pavement cores our office will review the information to verify the maintenance technique the Village has identified in the RFP. Depending on the amount of existing pavement present we will review and provide a recommendation if different from the maintenance strategy listed based on

our experience with resurfacing programs. As part of this review we look at the remaining asphalt remaining following a proposed mill, the bond in the existing asphalt layers, if petromat exists, and the amount of apparent voids in the pavement cores.

We will walk the roadways to evaluate and quantify the existing sidewalk and curb for spot repairs as soon as we have the base sheets prepared. In addition, we will look for potential sump pump locations that need to be connected to the storm sewer system. GHA will meet with Village staff to discuss any known areas of drainage concerns that can be incorporated into the contract documents.

Communication with the Village will be early and often to make sure that the contract documents are in a format that the Village is pleased with. We understand the importance of the budget and will be compiling the EOPC as we are completing our quantities. We will also be contacting potential contractors to generate interest in bidding the project.

## (6) Opportunities for Improvement

The following Scope identifies items that will not be required based on this type of work using shading and strikethrough:

### Project 2 Scope

Phase 1 - Pre-Final Engineering (75% Complete):

- Conduct a complete and detailed topographical survey ~~(including all above & underground utilities, structures, ground contours at 1-foot intervals, critical ground spot elevations, trees 6-inches & larger in diameter, fences, mature landscaping, bushes, property lines, etc.) of each Project work site and extending a minimum 100-feet, or longer as necessary, beyond the street terminus of the proposed work. We will extend our topographic survey an additional 5' outside the right of way onto private property as well~~ **of the intersections to allow for design that meets ADA compliance. In addition, we will supplement the GIS information received with the as-builts for sanitary and storm sewer as well as watermain.**
- ~~During survey of the areas we will collect property pins and sidewalk crosses as available in the field and draw in the right of way of the streets based on these pin locations and available subdivision plats for the area.~~
- Collect 34 pavement cores up to 2' in depth to indicate pavement and stone base thickness.
- Historical Database Review of all potential soil contaminants sites and Highway Authority Agreements. Prepare an IL LPC 662 for owner signature and inclusion in the contract documents if boring and contaminated sites review yields favorable results.
- Coordination with the Village's GIS Consortium contact to obtain all available aerial contour mapping and utility data for each Project work site and immediately surrounding area. This data is only intended to supplement and not replace the detailed field topographical survey. The selected consultant will need to execute a data sharing agreement with the Village to obtain said data.
- Utility Coordination (Nicor, ComEd, AT&T, Comcast, etc.) and resolution of all conflicts. This will include a design stage J.U.L.I.E. and utility map request from all utility owners located within and adjacent to each Project site to ensure all possible conflicts are accounted for.
- Review and incorporation of all Village provided archived project "as-constructed" information in the design documents.
- Review of Village provided storm and sanitary sewer televising videos for identification and incorporation of sewer repairs in project.
- Review of sidewalk and curbs for identification and incorporation of spot repairs (as applicable).
- ~~Wetland delineation and initial submittal to the United States Army Corps of Engineers (USACOE) for the necessary Permits or Letters of No Objection.~~
- Value Engineering of each proposed project concept plan to determine if any cost savings measures are available.



- ~~Identification and initial submittal of all other required and applicable Permits, including the Village of Glen Ellyn, Illinois Environmental Protection Agency (IEPA), and IEPA for a stormwater pollution prevention plan permit (SWPPP)~~
- Preparation of Pre-Final Engineering Drawings (Exist. & Proposed Conditions Plan, Utility & Profiles), Quantities, Specifications, Details, Cost Estimate, etc.) to be reviewed/approved by Village staff. Specifications shall be provided in electronic word document format; Two (2) full-size and two (2) half-size paper copies of the drawings shall be provided along with one electronic copy (pdf format). **We anticipate Village review will take approximately one week. We will meet with the Village to review comments to incorporate into final bid documents.**
- ~~Identification and acquisition of the required temporary and permanent easement(s), which will involve acting as the Village representative in all correspondence and meetings with the property owners, etc.~~
- ~~Preparation of the necessary Temporary & Permanent Easement Plat(s), including legal and easement descriptions.~~
- Evaluation to determine if any stormwater Best Management Practices (BMPs), including green infrastructure improvements, can be incorporated.

#### Phase 2 - Final Engineering/Bid Package:

- ~~Procurement of all required and applicable Permits, including, the Village of Glen Ellyn, IEPA (Water Main and SWPPP)~~
- Final Engineering Drawing Set (including, but not limited to Title Sheet, Summary of Quantities, Traffic Control & Protection, Grading Plans, ~~SWPP~~, Utility Plans, Utility Crossing Data at all major locations, Sewer Profiles, Cross-Sections, Tree Removal & Preservation Plan, Restoration/Landscape Plan, Tree Plantings, Details, General Notes, etc.) and Final Construction Estimate. Fifteen (15) hard copies of each shall be provided. All drawings will be full-sized (22"x34"). One electronic copy (pdf format) of each will also be provided.
- Preparation of Bidding/Construction Contract by providing all Specific Project Specifications and Special Provisions. Note that general conditions and other "front end" Contract documents will be provided by Village. The Village also has Special Provisions that the Consultant shall utilize as pertinent to the assignment.
- ~~Finalize and/or follow-up on any grants applied for and to ensure project(s) eligibility is maintained.~~

#### Phase 3 - Competitive Bidding Process:

- Assist Village in Competitive Bidding Process with Area Contractors by:
  - Answering technical questions from contractors during bidding process.
  - Issuing any Addendums, if necessary.
  - Reviewing first and second low bidder references, similar work history and availability.



## (7) Project Costs

PLEASE FIND PROJECT COSTS ACCOMPANIED BY OUR RATE SHEET, FOLLOWING THIS PAGE

Manhour Estimate of Consultant Services  
Gewalt Hamilton Associates, Inc.

|                                                | Principal<br>\$216 | CE VI<br>\$185 | CE V<br>\$182 | CE IV<br>\$180 | CE III<br>\$160 | CE II<br>\$150 | CE I<br>\$130 | LS IV<br>\$152 | LS III<br>\$132 | LS II<br>\$128 | LS I<br>\$120 | GISP II<br>\$140 | GISP I<br>\$130 | EC II<br>\$135 | EC I<br>\$125 | ET V<br>\$178 | ET IV<br>\$136 | ET III<br>\$124 | ET II<br>\$110 | ET I<br>\$82 | AD I<br>\$66 | Total<br>Hours | Fee       |
|------------------------------------------------|--------------------|----------------|---------------|----------------|-----------------|----------------|---------------|----------------|-----------------|----------------|---------------|------------------|-----------------|----------------|---------------|---------------|----------------|-----------------|----------------|--------------|--------------|----------------|-----------|
| <b>I. Phase I (Pre-Final 75%)</b>              |                    |                |               |                |                 |                |               |                |                 |                |               |                  |                 |                |               |               |                |                 |                |              |              |                |           |
| Project Coordination                           |                    | 8              |               | 16             |                 |                |               |                |                 |                |               |                  |                 |                |               |               |                |                 |                |              | 16           | 40             | \$ 5,416  |
| Review Village Utility (Sanitary & Storm)      |                    |                |               | 8              |                 |                |               |                |                 |                |               |                  |                 |                |               |               |                | 32              |                |              |              | 40             | \$ 5,408  |
| Site Review (Sidewalk & Curb Repair, Patching) |                    |                |               |                |                 |                | 24            |                |                 |                |               |                  |                 |                |               |               |                |                 |                |              |              | 24             | \$ 3,120  |
| Topographic Survey for ADA Improvements        |                    |                |               | 2              |                 |                |               | 2              |                 | 40             |               |                  |                 |                |               |               |                | 20              |                |              |              | 64             | \$ 8,264  |
| ADA Base Plan Preparation                      |                    |                |               |                |                 |                |               |                |                 |                |               |                  |                 |                |               |               |                | 32              |                |              |              | 32             | \$ 3,968  |
| Base Plan Preparation                          |                    |                |               |                |                 |                |               |                |                 |                |               |                  |                 |                |               |               | 32             |                 |                |              |              | 32             | \$ 4,352  |
| Pre-Final Engineering Plans                    |                    |                |               | 24             |                 |                |               |                |                 |                |               |                  |                 |                |               |               | 100            |                 |                |              |              | 124            | \$ 17,920 |
| Pre-Final Special Provisions                   |                    |                |               | 8              |                 |                | 24            |                |                 |                |               |                  |                 |                |               |               |                |                 |                |              | 12           | 44             | \$ 5,352  |
| Pre-Final EOPC                                 |                    |                |               | 12             |                 |                |               |                |                 |                |               |                  |                 |                |               |               |                |                 |                |              |              | 12             | \$ 2,160  |
| QA/QC                                          |                    | 24             |               |                |                 |                |               |                |                 |                |               |                  |                 |                |               |               |                |                 |                |              |              | 24             | \$ 4,440  |
| I. Category Subtota                            | 0                  | 32             | 0             | 70             | 0               | 0              | 48            | 2              | 0               | 40             | 0             | 0                | 0               | 0              | 0             | 0             | 132            | 84              | 0              | 0            | 28           | 436            | \$ 60,400 |
| <b>II. Phase II (Final Engineering)</b>        |                    |                |               |                |                 |                |               |                |                 |                |               |                  |                 |                |               |               |                |                 |                |              |              |                |           |
| Final Engineering Plans                        |                    |                |               | 16             |                 |                |               |                |                 |                |               |                  |                 |                |               |               | 24             |                 |                |              |              | 40             | \$ 6,144  |
| Final Special Provisions                       |                    |                |               | 4              |                 |                | 4             |                |                 |                |               |                  |                 |                |               |               |                |                 |                |              | 4            | 12             | \$ 1,504  |
| Final EOPC                                     |                    |                |               | 4              |                 |                |               |                |                 |                |               |                  |                 |                |               |               |                |                 |                |              |              | 4              | \$ 720    |
| Final QA/QC                                    |                    | 8              |               |                |                 |                |               |                |                 |                |               |                  |                 |                |               |               |                |                 |                |              |              | 8              | \$ 1,480  |
| II. Category Subtota                           | 0                  | 8              | 0             | 24             | 0               | 0              | 4             | 0              | 0               | 0              | 0             | 0                | 0               | 0              | 0             | 0             | 24             | 0               | 0              | 0            | 4            | 64             | \$ 9,848  |
| <b>III. Bidding Process</b>                    |                    |                |               |                |                 |                |               |                |                 |                |               |                  |                 |                |               |               |                |                 |                |              |              |                |           |
| Bidding Process                                |                    |                |               | 8              |                 |                |               |                |                 |                |               |                  |                 |                |               |               |                |                 |                |              | 8            | 16             | \$ 1,968  |
| Bid Tabulation                                 |                    |                |               |                |                 |                |               |                |                 |                |               |                  |                 |                |               |               |                |                 |                |              | 8            | 8              | \$ 528    |
| Bid Review                                     |                    |                |               | 4              |                 |                |               |                |                 |                |               |                  |                 |                |               |               |                |                 |                |              |              | 4              | \$ 720    |
| Recommendation                                 |                    |                |               | 2              |                 |                |               |                |                 |                |               |                  |                 |                |               |               |                |                 |                |              | 2            | 4              | \$ 492    |
| III. Category Subtota                          | 0                  | 0              | 0             | 14             | 0               | 0              | 0             | 0              | 0               | 0              | 0             | 0                | 0               | 0              | 0             | 0             | 0              | 0               | 0              | 0            | 18           | 32             | \$ 3,708  |
| Total Labor                                    |                    |                |               |                |                 |                |               |                |                 |                |               |                  |                 |                |               |               |                |                 |                |              | 532          |                | \$ 73,956 |
| Reimbursable Expenses & Subconsultants         |                    |                |               |                |                 |                |               |                |                 |                |               |                  |                 |                |               |               |                |                 |                |              |              |                | \$ 8,350  |
| Total Labor + Reimbursables                    |                    |                |               |                |                 |                |               |                |                 |                |               |                  |                 |                |               |               |                |                 |                |              |              |                | \$ 82,306 |



## GHA PROFESSIONAL SERVICES HOURLY RATE GUIDE: 2020

The following rates will remain in effect until December 31, 2020, at which time they are subject to an annual increase:

|                            |           |
|----------------------------|-----------|
| PRINCIPAL                  | \$ 216.00 |
| CIVIL ENGINEER VI          | \$ 185.00 |
| CIVIL ENGINEER V           | \$ 182.00 |
| CIVIL ENGINEER IV          | \$ 180.00 |
| CIVIL ENGINEER III         | \$ 160.00 |
| CIVIL ENGINEER II          | \$ 150.00 |
| CIVIL ENGINEER I           | \$ 130.00 |
| LAND SURVEYOR IV           | \$ 152.00 |
| LAND SURVEYOR III          | \$ 132.00 |
| LAND SURVEYOR II           | \$ 128.00 |
| LAND SURVEYOR I            | \$ 120.00 |
| GIS PROFESSIONAL II        | \$ 140.00 |
| GIS PROFESSIONAL I         | \$ 130.00 |
| ENVIRONMENTAL CONS. II     | \$ 135.00 |
| ENVIRONMENTAL CONS. I      | \$ 125.00 |
| ENGINEERING TECHNICIAN V   | \$ 178.00 |
| ENGINEERING TECHNICIAN IV  | \$ 136.00 |
| ENGINEERING TECHNICIAN III | \$ 124.00 |
| ENGINEERING TECHNICIAN II  | \$ 110.00 |
| ENGINEERING TECHNICIAN I   | \$ 82.00  |
| ADMINISTRATIVE I           | \$ 66.00  |

Services provided under this Agreement will be billed according to the rates in effect at the time services are rendered.



Glen Ellyn Village Board  
535 Duane Street  
Glen Ellyn, IL 60137

Meeting: 01/27/20 07:00 PM  
Department: Community Development  
Department Head: Staci Springer  
Category: Ordinance  
Prepared By: Katie Ashbaugh

TABLED

ORDINANCE 6753

DOC ID: 4280 I

**Ordinance No. 6753, An Ordinance Granting Approval of a Special Use Permit for a Preliminary Planned Unit Development Plan with Deviations, a Final Planned Unit Development for Phase One of the Planned Unit Development, Other Associated Special Use Permits, and the Exterior Appearance of a Public Parking Garage and Associated Public Improvements to be Located at 535 Duane Street and 423 N. Main Street**

**Background**

M.A. Mortenson Company (Mortenson), on behalf of the Village of Glen Ellyn, is proposing a four-story public parking garage and other associated public improvements on the properties located at 535 Duane Street and 423 N. Main Street. These two properties, owned by the Village, would collectively provide 287 parking stalls and a public space to connect Main Street to the proposed parking garage. The garage is proposed to have 277 stalls within five tiers of parking, one of which is underground. In addition to the garage, a row of ten surface parking stalls are proposed along the west side of the driveway from Duane Street.

Together, both properties are 1.78 acres in total. The 535 Duane Street property is zoned C5B Central Service Subdistrict. The 423 N. Main Street property is zoned C5A Central Retail Core Subdistrict.

In order to proceed with the project as proposed, the petitioner (Mortenson), is requesting approval of the following:

1. A Special Use Permit for a Planned Unit Development on the properties located at 535 Duane Street and 423 N. Main Street in accordance with Section 10-10-15 of the Glen Ellyn Zoning Code, including approval of a Preliminary Planned Unit Development Plan for Phases 1 and 2 and approval of a Final Planned Unit Development Plan for Phase 1.
2. The following zoning deviations from the Glen Ellyn Zoning Code:
  - a. Section 10-4-17-2(D)(1)(c) to allow a public parking garage to encroach approximately 15 feet 10 inches into the required 20-foot rear yard and to not require landscaping as a visual buffer in said rear yard from residential uses located on Hillside Avenue and North Main Street, as depicted in Exhibits E and I;
  - b. Section 10-4-17-2(D)(1)(c) to allow a public parking garage to encroach approximately 6 feet 10 inches into the required 20-foot rear yard and to not require landscaping as a visual buffer in said rear yard from residential uses located on North Main Street, as depicted in Exhibit E and I
  - c. Section 10-4-17-2(D)(1)(d) to allow a public parking garage to encroach approximately 9 feet 3 inches into the required 20-foot side yard and to not require landscaping as a

- visual buffer in the required 20-foot side yard from residential uses located on North Main Street, as depicted in Exhibits E and I;
- d. Section 10-5-8(I) to allow double rows of 90-degree parking stall modules to be a length of 60 feet where 63 feet is required, with a parking stall length of 18 feet where 19 feet is required and drive aisle widths of 24 feet where 25 feet is required inside the proposed parking garage;
  - e. Section 10-5-8(H) to allow a landscape island to be 6 feet wide where a width of 9 feet is required at the north end of the proposed surface parking lot;
  - f. Section 10-4-17-2(E)(1) to allow the proposed parking garage to not have a “step back” of 15 feet from the front elevation where the building is taller than 45 feet;
  - g. Section 10-5-13(L)(3) to not require an opaque screen between the heights of 6 and 7 feet along the side and rear lot lines adjacent to residential uses located on Hillside Avenue and above the ground floor on North Main Street, all as depicted in Exhibits E and I;
  - h. Section 10-5-13(M)(2)(a)(1) to allow foot-candle levels adjacent to residential uses located at 413 N. Main Street, 419 N. Main Street, and 421 N. Main Street to exceed 0.5 foot-candles and be no greater than 6.0 foot-candles for security and safety purposes as depicted in Exhibit J; and
  - i. Any other deviations necessary to construct the development as depicted on the plans presented and available for public review.
3. A Special Use Permit for a public use in accordance with Section 10-10-14 of the Zoning Code on the properties located at 535 Duane Street and 423 N. Main Street even though by operation of the Village Code, the approval of a C5A Special Use for the Planned Unit Development incorporates this Special Use without a separate approval. Normally, a public use requires its own Special Use, but not in the C5 Central Business District where it is rolled into the overall Planned Unit Development that encompasses all special uses.
  4. A Special Use Permit for a public parking garage in accordance with Section 10-10-14 of the Zoning Code on the property located at 535 Duane Street even though by operation of the Village Code, the approval of a C5A Special Use for the Planned Unit Development incorporates this Special Use without a separate approval. Normally, a parking garage requires its own Special Use, but not in the C5 Central Business District where it is rolled into the overall Planned Unit Development that encompasses all special uses.

### **Plan Commission Recommendation**

The Plan Commission considered the petitioner’s requests for approval of a Preliminary Planned Unit Development Plan with deviations, Final Planned Unit Development Plan for Phase 1, a Special Use Permit for a public use on the properties located at 535 Duane Street and 423 N. Main Street, and a Special Use Permit for a public parking garage on the property located at 535 Duane Street, at a public hearing on December 12, 2019.

Five members of the public spoke at the hearing. Of those that spoke, four raised concerns about the combined height and proximity of the parking garage to their properties, the exhaust vents proximity to their properties, and the visibility of the light poles from the top tier of the parking

garage. One person raised a concern about the proximity of the parking garage to their property and his residential apartments. By a vote of five (5) “yes” and one (1) “no” votes, the Plan Commission recommended that the Village Board approve the requests subject to the following conditions:

1. That the project be constructed, maintained, and operated in substantial conformance with the plans and testimony presented at the Plan Commission public hearing and before the Village Board of Trustees;
2. That prior to the issuance of a building permit, a construction management plan must be prepared, reviewed at a pre-construction meeting, and approved by the Police, Fire, Public Works and Community Development Departments;
3. That any changes to pavement materials approved as part of the Final Planned Unit Development Plan for Phase 1 in relation to the Village Board approved streetscape design be permitted, provided that stormwater calculations are consistent with those approved on the attached plans or are otherwise approved by the Development Civil Engineer;
4. That the Two-Lot Subdivision associated with this project be administratively approved by the Community Development Director and recorded prior to the issuance of any building permits, with the exception of a demolition permit for the property located at 423 N. Main Street;
5. That all required temporary construction and perpetual easements on private property be secured prior to the issuance of any building permits, with the exception of a demolition permit for the property located at 423 N. Main Street;
6. That the perpetual easement along the south property line of 535 Duane Street not under Village ownership or control be released prior to the issuance of any building permits and its release be reflected on the required Two-Lot Subdivision to be administratively approved by the Community Development Director, with the exception of a demolition permit for the property located at 423 N. Main Street; and
7. That all floor plans, elevations, and other architectural plans be consistent with one another to the satisfaction of the Building & Zoning Official.

The Plan Commission Staff Report for the December 12, 2019 meeting has been attached for the Village Board’s information (see attached).

### **Exterior Appearance & Historic Preservation Commission Review**

#### *Historic Preservation Commission Review*

The property located at 535 Duane Street in its entirety is a locally designated Landmark. Per Section 2-13-10 of the Village Code, any exterior alteration to a landmarked structure requires approval from the Historic Preservation Commission (HPC). Although no alterations or changes are proposed to the existing Civic Center building, the adopting ordinance states that the property itself, known as the Glen Ellyn Civic Center, was nominated for the designation, not simply the building. Therefore,



an Application for Exterior Alteration to a Landmarked Structure and required materials were filed. On September 19, 2019, the HPC reviewed and made a final determination on the request at a public meeting. The HPC voted to approve the request by a vote of 4-0 with one abstention, and found it met the following criteria, as listed in Section 2-13-10 of the Village Code:

1. That the Alteration to the property will not adversely affect any significant historical or architectural feature of the Landmarked Property;
2. That the Alteration meets the applicable Standards for Rehabilitation set forth by the United States Secretary of the Interior, 36 CFR 67, as amended, in that there is no alteration proposed to the Civic Center structure itself; and
3. That the Alteration to the property has followed the Commission's published procedures and regulations.

The HPC staff report and attachments, approved meeting minutes, and signed determination are attached for reference. Other than the above findings, the HPC provided no additional comments on the design of the parking garage.

The subject properties are located within the Glen Ellyn South Downtown National Register District, which was designated in 2013. The construction of the parking garage requires no additional review by the State Historic Preservation Office.

#### *Staff Review of Exterior Appearance*

Staff has reviewed the building elevations of the proposed parking garage, in addition to site landscaping, lighting, and other site features for substantial conformance with the goals and purpose of the Appearance Review Guidelines. In general, the proposed materials for the parking garage, garbage enclosure, and light fixtures on the elevations are in substantial conformance with the Guidelines. These materials are as follows: precast concrete to match the Indiana Buff Limestone of the existing Civic Center; Endicott thin brick in both a running bond and basketweave patterns to match two of the Civic Center brick patterns; and black metal light fixtures which match those proposed for the downtown streetscape improvements. In conjunction with the above similar materials, the following design elements further relate the parking garage to the Civic Center: architectural articulation and basketweave patterned brick in the wall panels of the façade to reduce the appearance of building mass; multi-light mullion windows; detailed imitation-limestone cornices along the rooflines (pre-cast concrete); and tall narrow fenestration arranged in an evenly spaced horizontal pattern.

The landscaping also meets the goals and purpose of the Guidelines. The plant materials are those which are listed as recommended in Appendix A of the Guidelines. Although common open area is not required for planned unit developments in the C5 zoning districts, the landscape plan still includes six trees for the 6,257 square feet (0.14 acres) of common open area that is provided.

#### *Staff Recommendation of Exterior Appearance*

After reviewing the submitted application and plans for the proposed Exterior Appearance, staff finds the project to be in substantial conformance with the Village's Appearance Review Guidelines. Staff therefore recommends approval of the proposed Exterior Appearance. If approved, the Village

Board may wish to consider the following condition be included in the Ordinance granting the Exterior Appearance approval:

- A. That any design elements to serve as either pedestrian-oriented or safety enhancements comply with the Zoning and Building Code and be included with the building permit application submittal.

### **Public Benefits**

The proposed project aligns with many of the recommendations in the Village's long term plans and could have a number of potential benefits, including:

#### *Overall Benefits*

1. The project meets Strategic Issue I of the Village Board approved 2018-2020 Strategic Plan, which is as follows: Invest in infrastructure to meet key needs, including downtown accessibility, Village facilities, streets, utility, and technology improvements.
2. The project proposes an additional 212 parking stalls for the site. The 2013 Streetscape and Parking Study shows 80-89 percent occupancy of the Civic Center parking lot and the nearby on-street spaces on Saturday evenings.
3. As recommended in the 2013 Streetscape and Parking Study, the parking garage provides additional public parking on the south side of the tracks with a total net gain of 212 parking stalls.
4. The project is within close proximity to an area with the highest demand for downtown customer and employee parking, driven by various restaurants. The downtown has had ten businesses open or expand in the last five years. More than 25 businesses have requested additional parking permits and 52 are on the waiting list.

#### *Transportation System Benefits*

5. The project is within close proximity to the Metra station, which makes it ideal for commuters. The upcoming new station and pedestrian tunnel will enhance the potential use of the parking garage for commuters. The Village was recently awarded \$14.4 million dollars in federal grant money to build the new Metra station and the associated pedestrian tunnel. Construction of the Metra station and tunnel is planned to begin in fall of 2023.
6. Because some current Metra parking permits from surface lots north of the tracks are planned to be relocated to the proposed garage, additional parking will be available for downtown employees and visitors north of the tracks.
7. New Metra parking permits in addition to the portion being relocated will be allocated to the proposed garage, relieving the wait list and increasing permit revenue. The wait list for Metra parking permits is currently three to four years with 889 residents on the list to date.
8. Apartment residents that frequently encounter conflicts with existing parking regulations in regard to location and time limits will now have flexibility previously not able to be provided.

#### *Site Function & Design Benefits*

9. Four of the five tiers of parking would be covered, with 46 stalls being exposed on the top tier as opposed to the existing 75 uncovered stalls on the current surface parking lot. With

the ten surface lot spaces along the driveway, only 56 stalls would be uncovered with 231 being covered.

10. The project provides attractive onsite amenities for use by the public, as well as the Village, Innovation DuPage, and Business Development Center employees.
11. Existing stormwater drainage issues will be corrected with the installation of new stormwater management infrastructure in accordance with the DuPage County Stormwater Ordinance and Village stormwater requirements.
12. The public space to replace the Shonkwiler office/ residential buildings will provide direct pedestrian access from the parking garage to Main Street businesses.
13. The public space replacing the Shonkwiler office and residential buildings could also be used for outdoor seating or other small events.
14. The public space will also provide an area which could be used for public art installations on both a permanent and temporary basis, creating a destination south of the railroad tracks.

### **Village Board Action**

The Village Board may approve, approve with conditions or deny the requests for approval of a Special Use Permit for a Preliminary Planned Unit Development Plan with deviations, Final Planned Unit Development Plan for Phase 1, a Special Use Permit for a public use on the properties located at 535 Duane Street and 423 N. Main Street, and a Special Use for a four-story public parking garage on the property located at 535 Duane Street. The Village Board may also approve, approve with conditions, or deny the Exterior Appearance request.

In accordance with the Plan Commission's recommendation and staff's recommendation, one Ordinance approving the zoning entitlements have been prepared for consideration at the January 13, 2020 Village Board meeting.

### **Attachments**

- Aerial Photo
- Location & Zoning Map
- Proof of Ownership
- Affidavit of Authorization, dated 8/1/2019
- Petitioners Application for Preliminary PUD Approval, dated 10/11/2019
- Petitioners Application for Final PUD Approval, Phase 1, dated 10/11/2019
- Petitioners Application for Special Use Permit, Public Use, 535 Duane St. & 423 N. Main St. , dated 10/11/2019
- Petitioners Application for Special Use Permit, Public Parking Garage, 535 Duane St. , dated 10/11/2019
- Petitioner's Application Exterior Appearance Approval, dated 9/6/2019
- Quantitative Summary & List of Deviations (titled "Zoning Information" by Petitioner)
- Light Level Deviation Justification, dated 11/11/2019
- IDNR Report, dated 1/30/2019
- Plan Commission Staff Report, dated 12/8/2019
- Traffic Impact Study, prepared by Ericksson Engineering Associates, Ltd., dated 4/15/2019

- Existing Conditions Plan, dated 7/2/2019
- AutoTURN Exhibits, C-700, dated 11/14/2019
- Tree Preservation Survey, TP-100, dated 11/14/2019
- Building Elevations, in color
- Landscape Plan, in color
- Renderings - Proposed Parking Garage
- Renderings - Public Spaces & Pathways
- Exhibit A, Setbacks & Existing Average Grade
- Exhibit B, Height
- Exhibit C, Parking Modules
- Exhibit D, Light Poles
- Geotechnical Report, prepared by Rubino Engineering, dated 2/22, 2019
- Two-Lot Plat of Subdivision, titled Glen Ellyn Civic Center Campus Two-Lot Subdivision, Draft, dated 8/27/2019 (for informational purposes only; subject to administrative approval by the Community Development Director)
- Phasing Plan Exhibit, Sheet C-200 as modified by staff
- Historic Preservation Commission Meeting Materials and Approved Minutes, September 19, 2019
- Construction Schedule, tentative
- Draft Ordinance - Zoning Entitlements
  - Exhibits to Draft Ordinance
    - Legal Descriptions, Exhibit "A"
    - Alta Survey, dated 7/2/2019, Exhibit "B"
    - Draft Plan Commission Meeting Minutes, December 12, 2019, Exhibit "C"
    - Demolition Plan, C-100, issue date 11/14/2019, Exhibit "D"
    - Preliminary Planned Unit Development Plan, C-200, issue date 11/14/2019, Exhibit "E"
    - Final Planned Unit Development Plan, Phase 1 - C-201, issue date 11/14/2019, Exhibit "F"
    - Grading & Paving Plan, C-400, issue date 11-14-2019, Exhibit "G"
    - Utility Plan, C-300, issue date 11/14/2019, Exhibit "H"
    - Landscape Plan & Details, L-100 - L-200, issue date 11/14/2019, Exhibit "I"
    - Photometric Plan - Site, EP-600, issue date 11/14/2019, Exhibit "J"
    - Light Fixture Cut Sheets, Exhibit "K"
    - Floor Plans, Ground Tier - Top Tier, AG-101 - AG-105, issue date 11/14/2019, Exhibit "L"
    - Building Elevations, A-200 - A-201, issue date 11/14/2019, Exhibit "M"

**CC:** Bill Holmer, Assistant Village Manager  
 Staci Springer, AICP, Community Development Director  
 Rich Daubert, PE, Professional Engineer  
 Amy McKenna, PE, CFM, Development Civil Engineer

Ordinance 6753

Meeting of January 27, 2020

Bob Minix, PE, Professional Engineer  
Dan Schoenberg, PE, Traffic Engineer  
Candace Small, AIA, Design Phase Manager, Mortenson



Village of Glen Ellyn

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Ordinance No. 6753

**An Ordinance Granting Approval of a  
Special Use Permit for a Preliminary Planned Unit Development  
Plan with Deviations, a Final Planned Unit Development for Phase  
One of the Planned Unit Development, Other Associated Special  
Use Permits, and the Exterior Appearance of a Public Parking  
Garage and Associated Public Improvements to be Located at  
535 Duane Street and 423 N. Main Street  
Glen Ellyn, IL 60137**

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**Adopted by the  
President and the Board of Trustees  
Of the Village of Glen Ellyn  
DuPage County, Illinois  
This \_\_\_\_\_ Day of \_\_\_\_\_, 20\_\_.**

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Published in pamphlet form by the authority  
of the President and Board of Trustees of the  
Village of Glen Ellyn, DuPage County, Illinois,  
this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_.

**PREPARED BY AND MAIL TO:**

VILLAGE OF GLEN ELLYN  
ATTN: VILLAGE CLERK  
535 DUANE STREET  
GLEN ELLYN, IL 60137

**Ordinance No. 6753**

**An Ordinance Granting Approval of a  
Special Use Permit for a Preliminary Planned Unit Development  
Plan with Deviations, a Final Planned Unit Development for Phase  
One of the Planned Unit Development, Other Associated Special  
Use Permits, and the Exterior Appearance of a Public Parking  
Garage and Associated Public Improvements to be Located at  
535 Duane Street and 423 N. Main Street  
Glen Ellyn, IL 60137**

**Whereas**, the Village of Glen Ellyn, owner (“Owner”) of the properties commonly known as 535 Duane Street and 423 N. Main Street and legally described on Exhibit “A” and depicted on Exhibit “B” (collectively, the “Subject Property”), attached hereto and incorporated herein by reference, contracted M.A. Mortenson Company, a design-build firm, to develop plans to construct and build a public parking garage and other associated public improvements on and around the Subject Property; and

**Whereas**, M.A. Mortenson Company (“Petitioner”), has petitioned the President and Board of Trustees of the Village of Glen Ellyn, on behalf of the Owner, for approval of the following (collectively, the “Zoning Approval”):

- A. A Special Use Permit for a Planned Unit Development on the Subject Property located at 535 Duane Street and 423 N. Main Street in accordance with Section 10-10-15 of the Glen Ellyn Zoning Code and approval of the Preliminary Planned Unit Development Plan for Phases One and Two and approval of a Final Planned Unit Development Plan for Phase One.
- B. The following zoning deviations from the Glen Ellyn Zoning Code (collectively, the “Deviations”):



1. Section 10-4-17-2(D)(1)(c) to allow a public parking garage to encroach approximately 15 feet 10 inches into the required 20-foot rear yard and to not require landscaping as a visual buffer in said rear yard from residential uses located on Hillside Avenue and North Main Street, as depicted in Exhibits E and I;
2. Section 10-4-17-2(D)(1)(c) to allow a public parking garage to encroach approximately 6 feet 10 inches into the required 20-foot rear yard and to not require landscaping as a visual buffer in said rear yard from residential uses located on North Main Street, as depicted in Exhibits E and I;
3. Section 10-4-17-2(D)(1)(d) to allow a public parking garage to encroach approximately 9 feet 3 inches into the required 20-foot side yard and to not require landscaping as a visual buffer in the required 20-foot side yard from residential uses located on North Main Street, as depicted in Exhibits E and I;
4. Section 10-5-8(I) to allow double rows of 90-degree parking stall modules to be a length of 60 feet where 63 feet is required, with a parking stall length of 18 feet where 19 feet is required and drive aisle widths of 24 feet where 25 feet is required inside the proposed parking garage;
5. Section 10-5-8(H) to allow a landscape island to be 6 feet wide where a width of 9 feet is required at the north end of the proposed surface parking lot;
6. Section 10-4-17-2(E)(1) to allow the proposed parking garage to not have a “step back” of 15 feet from the front elevation where the building is taller than 45 feet;
7. Section 10-5-13(L)(3) to not require an opaque screen between the heights of 6 and 7 feet along the side and rear lot lines adjacent to residential uses located on Hillside

Avenue and above the ground floor on North Main Street, all as depicted in Exhibits E and I;

8. Section 10-5-13(M)(2)(a)(1) to allow foot-candle levels adjacent to residential uses located on North Main Street to exceed 0.5 foot-candles and be no greater than 6.0 foot-candles for security and safety purposes, as depicted on Exhibit J;
  9. Any other deviations necessary to construct the development as depicted in accordance with Exhibits D through M.
- A. A Special Use Permit for a public use in accordance with Section 10-10-14 of the Zoning Code on the properties located at 535 Duane Street and 423 N. Main Street even though by operation of the Village Code, the approval of a C5A Special Use for the Planned Unit Development incorporates this Special Use without a separate approval.
  - B. A Special Use Permit for a public parking garage in accordance with Section 10-10-14 of the Zoning Code on the property located at 535 Duane Street even though by operation of the Village Code, the approval of a C5A Special Use for the Planned Unit Development incorporates this Special Use without a separate approval.
  - C. Exterior Appearance approval in accordance with the Glen Ellyn Appearance Review Guidelines, Ordinance No. 5508.

all to allow the construction of a four-story public parking garage and other associated public improvements on and around the Subject Property; and

**Whereas**, other zoning districts within the Village of Glen Ellyn may require standalone Special Use Permits for a parking garage and a public use, but not in the C5 Central Business District where they are considered part of the Special Use for a Planned Unit Development that encompasses all special uses; and

**Whereas**, the Petitioner has requested a Special Use Permit for a public use on the Subject Property and a Special Use Permit for a public parking garage on the property located at 535 Duane Street in an abundance of caution, and the Corporate Authorities are authorized to consider and approve such a request; and

**Whereas**, the Subject Property is located at 535 Duane Street and 423 N. Main Street in the C5B Service Subdistrict and the C5A Retail Core Subdistrict District, respectively, midblock between Main Street and Forest Avenue on the south side of Duane Street and midblock on the east side of Main Street between Main and Duane Streets, and is legally described as follows:

**535 DUANE STREET**

LOTS 3 AND 4 IN BLOCK 12 IN COUNTY CLERK'S FIFTH ASSESSMENT DIVISION, IN SECTION 11, TOWNSHIP 39 NORTH, RANGE 10, EAST OF THE THIRD PRINCIPAL MERIDIAN, ACCORDING TO THE PLAT THEREOF RECORDED JULY 3, 1906 AS DOCUMENT NUMBER 88055, IN DUPAGE COUNTY, ILLINOIS; AND

LOT 1 (EXCEPT THE SOUTH 19.96 FEET OF THE WEST 212.80 FEET THEREOF AND EXCEPT THE WEST 100.00 FEET THEREOF) IN SUBDIVISION OF LOT 6 IN BLOCK 12 IN ASSESSMENT DIVISION OF SECTION 11, TOWNSHIP 39 NORTH, RANGE 10, EAST OF THE THIRD PRINCIPAL MERIDIAN, IN DUPAGE COUNTY, ILLINOIS.

P.I.N.: 05-11-328-024; and

**423 N. MAIN STREET**

THE EAST 29.2 OF THE NORTH 11.1 FEET OF THE SOUTH 62.83 FEET AND THE EAST 41.7 FEET OF THE SOUTH 51.73 FEET AND ALSO THE SOUTH 22.5 FEET OF THE WEST 24.3 FEET OF LOT 5 IN BLOCK 12 OF THE COUNTY CLERK'S FIFTH ASSESSMENT DIVISION, IN THE VILLAGE OF GLEN ELLYN, IN THE SOUTHWEST ¼ OF SECTION 11, TOWNSHIP 39 NORTH, RANGE 10, EAST OF THE THIRD PRINCIPAL MERIDIAN, ACCORDING TO THE PLAT THEREOF RECORDED JULY 3, 1906 AS DOCUMENT NUMBER 88055, IN DUPAGE COUNTY, ILLINOIS.

P.I.N.: 05-11-328-003

**Whereas**, following due and proper publication of notice in The Daily Herald not less than fifteen (15) nor more than thirty (30) days prior thereto, and following written notice to all property owners within 250 feet of the Subject Property, and following the placement of placards on the

Subject Property's public right-of-way frontage of not less than fifteen (15) days prior thereto, the Glen Ellyn Plan Commission conducted a public hearing on December 12, 2019, at which hearing the Petitioner presented evidence and testimony in support of the request for Zoning Approval, at which hearing, four (4) persons raised concerns about the combined height and proximity of the parking garage to their properties, the exhaust vents proximity to their properties, and the visibility of the light poles from the top tier of the parking garage; and at which hearing, one (1) person also raised a concern about the proximity of the parking garage to their property and his residential apartments; and

**Whereas**, after having considered the evidence presented, including the exhibits and materials submitted, the Plan Commission made its findings and recommendations and by a vote of five (5) "yes" and one (1) "no" with three (3) absent, the Plan Commission recommended approval of the Petitioner's Zoning Approval request with conditions as set forth in the December 12, 2019 minutes of the Plan Commission, a draft copy of which is attached hereto as Exhibit "C"; and

**Whereas**, the Village President and Board of Trustees have reviewed the evidence, exhibits, and materials presented at the public hearing of the Plan Commission and have considered the findings and recommendations of the Plan Commission and hereby make the following findings of fact in regard to the request:

1. The proposed use will be harmonious and in accordance with the general objectives, or within a specific objective of the Comprehensive Plan and/or Zoning Code, because the proposed development will assist in stimulating the south half of the downtown by offering more opportunities to park close to the downtown core; the area of the proposed development currently exists as a surface parking lot, therefore the usage of the area will remain the same but will be enhanced. Additionally, by maximizing the use of the Civic Center lot with a parking garage, other parcels of land in the downtown can be used as revenue generating developments. Nearby residents will benefit from the reduced circulation of cars searching for available parking. A key component of the Downtown Strategic Plan instructs the Village to "improve the sufficiency and convenience of the downtown parking supply north and south of the railroad tracks."

The proposed parking structure and pedestrian connection to Main Street will enhance access to downtown core uses, is a key component of the Village's Downtown Strategic Plan, and will be an asset for all uses in the downtown area.

2. The planned unit development will be designed, constructed, operated and maintained so as to be harmonious and appropriate in appearance with the existing or intended character of the general vicinity and that such use will not change the essential character of the same area because the majority of the parking structure will be tucked behind the Civic Center building and will not be visible from the public right of way and special care has been given to design the parking garage to blend with the existing Civic Center. The project will include use of quality materials such as masonry and precast concrete created to emulate the limestone of the adjacent Civic Center. Additionally, richly detailed cornices, the window patterns, and architectural features compliment the character of the Civic Center. The public space will enhance the pedestrian experience and add to the ambiance of the downtown, rather than detract from it.
3. The proposed use will not be hazardous or disturbing to existing or future neighborhood uses of the property because the Civic Center is currently a public use with a surface lot that is used by downtown visitors in addition to users of the Civic Center. The proposed use will be very similar, but will offer many more spaces to accommodate the additional parking needs for the downtown. The proposed development will only serve to decrease any disturbances to the area. Vehicles will be screened from public view.
4. The proposed use will be served adequately by existing public facilities and services such as highways, streets, police, fire protection, drainage structure, refuse disposal, water, sewers and schools because multiple Village departments have been involved in the review of the project. The Glen Ellyn Fire Department has indicated the building can be adequately serviced. The Village Engineers are in agreement with the drainage, water and sewer design intent. The Village's traffic consultant has noted that any additional traffic to the surrounding roadways will perform at acceptable levels of service.
5. The proposed use will not create excessive additional requirements at public cost for public facilities and services and will not be detrimental to the economic welfare of the Village because the proposed development will assist in expanding the economic welfare of the Village by assisting in the economic development of the downtown.
6. The use will not involve activities, processes, materials, equipment and/or conditions of operation that will be detrimental to any persons, property or the general welfare by reason of excessive production of traffic, noise, smoke, fumes, glare and odors because the proposed development will be designed to conform to applicable building codes, which regulate the life safety and welfare of the general public. The surrounding area will benefit by lessening the impact of vehicles in the area searching for parking, which can reduce unintended vehicle trips as well as reduce exhaust emission to the area.

7. The development will have vehicular approaches to the property, which shall be so designed as not to create an undue interference with traffic on surrounding public streets or roads because the existing access drive point to Duane Street is to be used and will be the sole ingress and egress point for vehicular access to the site.
8. The development will not increase the potential for flood damage to adjacent property or require additional public expense for flood protection, rescue or relief because the proposed development reduces overland flow to the adjacent properties. The proposed development is located on existing developed and impervious surface and will connect to the existing on-site storm sewer. Per Village Engineering staff, the existing downstream storm sewer is of sufficient capacity to accommodate the changes to the site due to the proposed development.
9. The development will not result in the destruction, loss or damage of natural, scenic or historic features of major importance to the community because the proposed parking garage is in the location of an existing surface parking lot and there will be no changes to the existing Civic Center building. The Village's Historic Preservation Commission reviewed the Exterior Alteration to a locally Landmarked Property (the Civic Center property at 535 Duane Street), and determined the proposed parking garage will not adversely affect any significant historical or architectural feature of the locally Landmarked Property. The Village is working with the State Historic Preservation Office to provide the documentation necessary for the State to allow the demolition of the 423 N. Main Street property. Finally, the development will enhance the historic features of the downtown by providing a development which takes its inspiration from the historic vocabulary of its surroundings and the public space that will be created as part of the second phase of the development will draw residents and visitors to the Village's historic assets in the downtown.

**Whereas**, staff has performed the review of the application for Exterior Appearance and has determined the proposed Exterior Appearance is in substantial conformance with the Village's Appearance Review Guidelines and recommends approval of the proposed Exterior Appearance; and

**Whereas**, the Village President and Board of Trustees has reviewed the application for Exterior Appearance and the recommendation of staff and hereby finds that the proposed exterior appearance of the proposed parking garage is compatible with the goals and purpose of the Appearance Review Guidelines adopted on October 9, 2006 by the adoption of Ordinance No. 5508; and

**Whereas**, the President and Board of Trustees have determined that granting Zoning Approval is consistent with the goals and provisions of the Glen Ellyn Zoning Code and approving the Exterior Appearance of the proposed development is consistent with the recommendations of the Appearance Review Guidelines and in the best interests of the Village of Glen Ellyn; and

**Now, Therefore, Be it Ordained** by the President and Board of Trustees of the Village of Glen Ellyn, DuPage County, Illinois, in the exercise of its home rule powers, as follows:

**Section One:** The draft Plan Commission meeting minutes, dated December 12, 2019 and attached as Exhibit "C" hereto, the findings and recommendations set forth therein, the above recitals, the staff review of the application for Exterior Appearance, and the findings and recommendations of staff set forth in the memo to the Village President and Board of Trustees, are hereby adopted as the findings of fact of the Village President and Board of Trustees.

**Section Two:** Based upon the findings of fact and recommendations of the Plan Commission and staff, as adopted herein, and the findings of fact and conclusions set forth herein, the Village President and the Board of Trustees hereby grant approval of a Special Use Permit for a Planned Unit Development with Deviations, a Preliminary Planned Unit Development Plan, a Final Planned Unit Development for Phase One, a Special Use Permit for a public use on the properties located at 535 Duane Street and 423 N. Main Street, a Special Use Permit for a public parking garage on the property located at 535 Duane Street, and the Exterior Appearance to allow the construction of a public parking garage and associated improvements on and around the Subject Property, as requested and identified herein above.

**Section Three:** This grant of approval is subject to the following conditions:

- A. The project shall be constructed, maintained, and operated in substantial conformance with the plans and testimony presented at the December 12, 2019 Plan Commission public hearing and before the Village Board of Trustees, including the following plans and



documents referenced below, all of which are incorporated into this Ordinance as though they were attached hereto:

1. Petitioner's Application Packet, including the following materials:
  - a. Proof of Ownership
  - b. Affidavit of Authorization, dated 8/1/2019
  - c. Petitioners Application for Preliminary PUD Approval, dated 10/11/2019
  - d. Petitioners Application for Final PUD Approval, Phase 1, dated 10/11/2019
  - e. Petitioners Application for Special Use Permit, Public Use, 535 Duane St. & 423 N. Main St., dated 10/11/2019
  - f. Petitioners Application for Special Use Permit, Public Parking Garage, 535 Duane St., dated 10/11/2019
  - g. Exterior Appearance Application, dated 9/6/2019
  - h. Quantitative Summary & List of Deviations (titled "Zoning Information" by Petitioner)
  - i. Light Level Deviation Justification, dated 11/11/2019
  - j. Alta Survey, dated 7/2/2019, Exhibit "B"
  - k. IDNR Report, dated 1/30/2019
  - l. Traffic Impact Study, prepared by Ericksson Engineering Associates, Ltd., dated 4/15/2019
  - m. Photometric Plans, EP-100 – EP-500, prepared by the design-build team of Mortenson / Walker / Shive-Hattery / Ericksson, dated 11/14/2019
  - n. Construction Schedule (tentative), prepared by the design-build team of Mortenson / Walker / Shive-Hattery / Ericksson
2. Site Plans, all prepared by the design-build team of Mortenson / Walker / Shive-Hattery / Ericksson
  - a. Existing Conditions Site Plan, dated 7/2/2019
  - b. Demolition Plan, C-100, issue date 11/14/2019, Exhibit "D"
  - c. Phasing Plan Exhibit (sheet C-200 modified by staff)
  - d. Preliminary Planned Unit Development Plan, C-200, issue date 11/14/2019, Exhibit "E"
  - e. Final Planned Unit Development Plan, Phase 1 - C-201, issue date 11/14/2019, Exhibit "F"
  - f. Grading & Paving Plan, C-400, issue date 11-14-2019, Exhibit "G"
  - g. Soil Erosion and Sediment Control Plan, C-500, prepared by the design-build team of Mortenson / Walker / Shive-Hattery / Ericksson, dated 11/14/2019
  - h. Site Work Details, C-600, prepared by the design-build team of Mortenson / Walker / Shive-Hattery / Ericksson, dated 11/14/2019
  - i. Site Work Details, C-601, prepared by the design-build team of Mortenson / Walker / Shive-Hattery / Ericksson, dated 11/14/2019
  - j. Utility Plan, C-300, issue date 11/14/2019, Exhibit "H"
  - k. AutoTURN Exhibits, C-700, issue date 11/14/2019

3. Architectural Plans, all prepared by the design-build team of Mortenson / Walker / Shive-Hattery / Ericksson
  - a. Floor Plans, Ground Tier - Top Tier, AG-101 - AG-105, issue date 11/14/2019, Exhibit "L"
  - b. Building Elevations, A-200 - A-201, issue date 11/14/2019, Exhibit "M"
  - c. Building Elevations, in color
  - d. Renderings, Proposed Parking Garage
  - e. Renderings, Proposed Public Spaces & Pathways
4. Landscape Plans, all prepared by the design-build team of Mortenson / Walker / Shive-Hattery / Ericksson
  - a. Tree Preservation Plan, Sheet TP-100, issue date 11/14/2019
  - b. Landscape Plan & Details, L-100 - L-200, issue date 11/14/2019, Exhibit "I"
  - c. Landscape Plan in color, Sheet L-100, issue date 11/14/2019
5. Lighting Plans, all prepared by the design-build team of Mortenson / Walker / Shive-Hattery / Ericksson, with Lighting Details
  - a. Photometric Plan - Site, EP-600, issue date 11/14/2019, Exhibit "J"
  - b. Light Fixture Cut Sheets, Exhibit "K"

and these plans and documents shall be filed with and made part of the permanent records of the Glen Ellyn Community Development Department;

- B. That prior to the issuance of a building permit, a construction management plan must be prepared, reviewed at a pre-construction meeting, and approved by the Police, Fire, Public Works and Community Development Departments;
- C. That any design elements to serve as either pedestrian-oriented or safety enhancements comply with the Zoning and Building Code and be included with the building permit application submittal;
- D. That any changes to pavement materials approved as part of the Final Planned Unit Development Plan for Phase 1 in relation to the Village Board approved streetscape design be permitted, provided that stormwater calculations are consistent with those approved on the attached plans or are otherwise approved by the Development Civil Engineer;
- E. That the Two-Lot Subdivision associated with this project be administratively approved by the Community Development Director and recorded prior to the issuance of any building permits, with the exception of a demolition permit for the property located at 423 N. Main Street;
- F. That all required temporary construction and perpetual easements on private property be secured prior to the issuance of any building permits, with the exception of a demolition permit for the property located at 423 N. Main Street;

- G. That the perpetual easement along the south property line of 535 Duane Street not under Village ownership or control be released prior to the issuance of any building permits and its release be reflected on the required Two-Lot Subdivision to be administratively approved by the Community Development Director, with the exception of a demolition permit for the property located at 423 N. Main Street; and
- H. That all floor plans, elevations, and other architectural plans be consistent with one another to the satisfaction of the Building & Zoning Official.

**Section Four:** The Village Board may, for good cause shown, waive or modify any conditions set forth in this Ordinance without requiring that the matter return for public hearing.

**Section Five:** This Ordinance shall be in full force and effect from and after the passage, approval, and publication in pamphlet form.

**Section Six:** The Building and Zoning Official is hereby authorized and directed to issue building permits for the subject property, consistent with the approvals granted herein, provided that all conditions set forth hereinabove have been met and that the proposed construction is in compliance with all other applicable laws and ordinances. This grant of the approvals shall expire and become null and void twenty-four (24) months from the date of passage of this Ordinance unless a building permit to begin construction in accordance with this Ordinance is applied for within said twenty-four (24)-month time period and construction is continuously and vigorously pursued provided, however, the Village Board, by motion, may extend the period during which permit application, construction, and completion shall take place.

**Section Seven:** The Village Clerk is hereby authorized to record this Ordinance with the DuPage County Recorder.

**Section Eight:** The privileges, obligations, and provisions of each and every section of this Ordinance shall be binding on M.A. Mortenson Company, on any and all of their successors and

assigns, and on any and all of the respective successor legal or beneficial owners of all or any portion of the property commonly known as 535 Duane Street and 423 N. Main Street, Glen Ellyn, Illinois.

**Section Nine:** The foregoing recitals are incorporated as though fully set forth in this Section Nine.

Passed by the President and Board of Trustees of the Village of Glen Ellyn, Illinois this \_\_\_\_\_ day of \_\_\_\_\_.

|               |  |                    |  |                |  |              |
|---------------|--|--------------------|--|----------------|--|--------------|
| <b>Ayes</b>   |  | Diane McGinley     |  | Steve Thompson |  | Mark Senak   |
|               |  | Craig Pryde        |  | Bill Enright   |  | Gary Fasules |
|               |  | Kelli Christiansen |  |                |  |              |
|               |  |                    |  |                |  |              |
| <b>Nays</b>   |  | Diane McGinley     |  | Steve Thompson |  | Mark Senak   |
|               |  | Craig Pryde        |  | Bill Enright   |  | Gary Fasules |
|               |  | Kelli Christiansen |  |                |  |              |
|               |  |                    |  |                |  |              |
| <b>Absent</b> |  | Diane McGinley     |  | Steve Thompson |  | Mark Senak   |
|               |  | Craig Pryde        |  | Bill Enright   |  | Gary Fasules |
|               |  | Kelli Christiansen |  |                |  |              |
|               |  |                    |  |                |  |              |

Approved by the Village President of the Village of Glen Ellyn, Illinois this \_\_\_\_\_ day of \_\_\_\_\_.

\_\_\_\_\_  
Village President

Attest:

\_\_\_\_\_  
Village Clerk

AFFIX VILLAGE SEAL

Ordinance 6753

Meeting of January 27, 2020

(Published in pamphlet form and posted on the \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_.)

**HISTORY:**

01/13/20

Glen Ellyn Village Board

TABLED

Next: 01/27/20

**ATTACHMENTS:**

- Aerial Photo (PDF)
- Location & Zoning Map (PDF)
- Proof of Ownership (PDF)
- Affidavit of Authorization (PDF)
- Petitioner's Application for Prelim PUD Approval (PDF)
- Petitioner's Application for Final PUD Approval, Phase 1 (PDF)
- Petitioner's Application for Special Use Permit, Public Use, 535 Duane St. & 423 N. Main St. (PDF)
- Petitioner's Application for Special Use Permit, Public Parking Garage, 535 Duane St. (PDF)
- Petitioner's Application for Exterior Appearance Approval (PDF)
- Quantitative Summary - List of Deviations (PDF)
- Light Level Deviation Justification (PDF)
- IDNR Report (PDF)
- PC Staff Report (PDF)
- Traffic Impact Study, dated 4-15-2019 (PDF)
- Existing Conditions Plan, dated 7-2-2019 (PDF)
- AutoTURN Exhibits, dated 11-14-2019 (PDF)
- Tree Preservation Survey, dated 11-14-2019 (PDF)
- Building Elevations, in color (PDF)
- Landscape Plan, in color (PDF)
- Renderings - Proposed Parking Garage (PDF)
- Renderings - Public Spaces, Pathways (PDF)
- Exhibit A, Setbacks - Average Existing Grade (PDF)
- Exhibit B, Height (PDF)
- Exhibit C, Parking Modules (PDF)
- Exhibit D, Height - Light Poles (PDF)
- Two-Lot Subdivision Plat - GE CC Garage - DRAFT (PDF)
- Construction Schedule, tentative (PDF)
- September 19, 2019 Historic Preservation Commission Meeting Materials - Approved Minutes (PDF)
- Geotechnical Eng Services Report, dated 2-22-2019 (PDF)
- Phasing Plan Exhibit, Sheet C-200 modified by staff (PDF)
- Ex B - Alta Survey, dated 7-2-2019 (PDF)
- Ex A - Legal Descriptions (PDF)
- Ex D - Demolition Plan - C-100, issue date 11-14-2019 (PDF)
- Ex C - December 12, 2019 Draft Plan Commission Meeting Minutes (PDF)

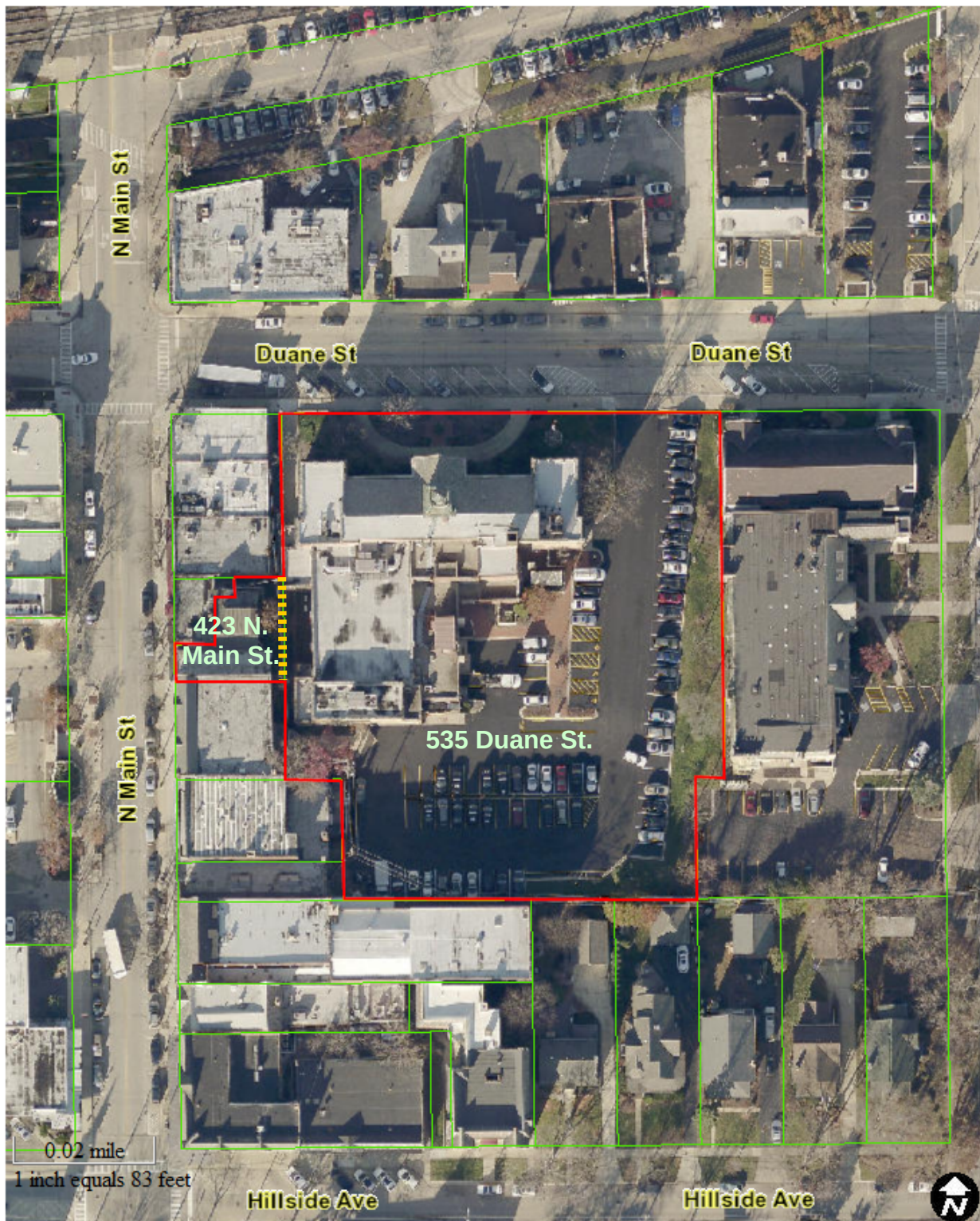
## Ordinance 6753

Meeting of January 27, 2020

- Ex E - Preliminary PUD Plan - C-201, issue 11-14-2019 (PDF)
- Ex F - Final PUD Plan - Phase 1 - C-200, issue 11-14-2019 (PDF)
- Ex G - Grading and Paving Plan - C-400, issue date 11-14-2019 (PDF)
- Ex H - Site Utility Plan - C-300, issue date 11-14-2019 (PDF)
- Ex I - Landscape Plan and Details - L-100 - L-200, issue date 11-14-2019 (PDF)
- Ex J - Site Photometrics, Phase 1 - EP-600, issue date 11-14-2019 (PDF)
- Ex K - Light Fixture Specs (PDF)
- Ex L - Floor Plans, Lower Tier - Top Tier, AG-101 - AG105, issue date 11-14-2019 (PDF)
- Ex M - Building Elevations - A-200 - A-201, issue date 11-14-2019 (PDF)



## Aerial Photo



Map created on December 3, 2019.

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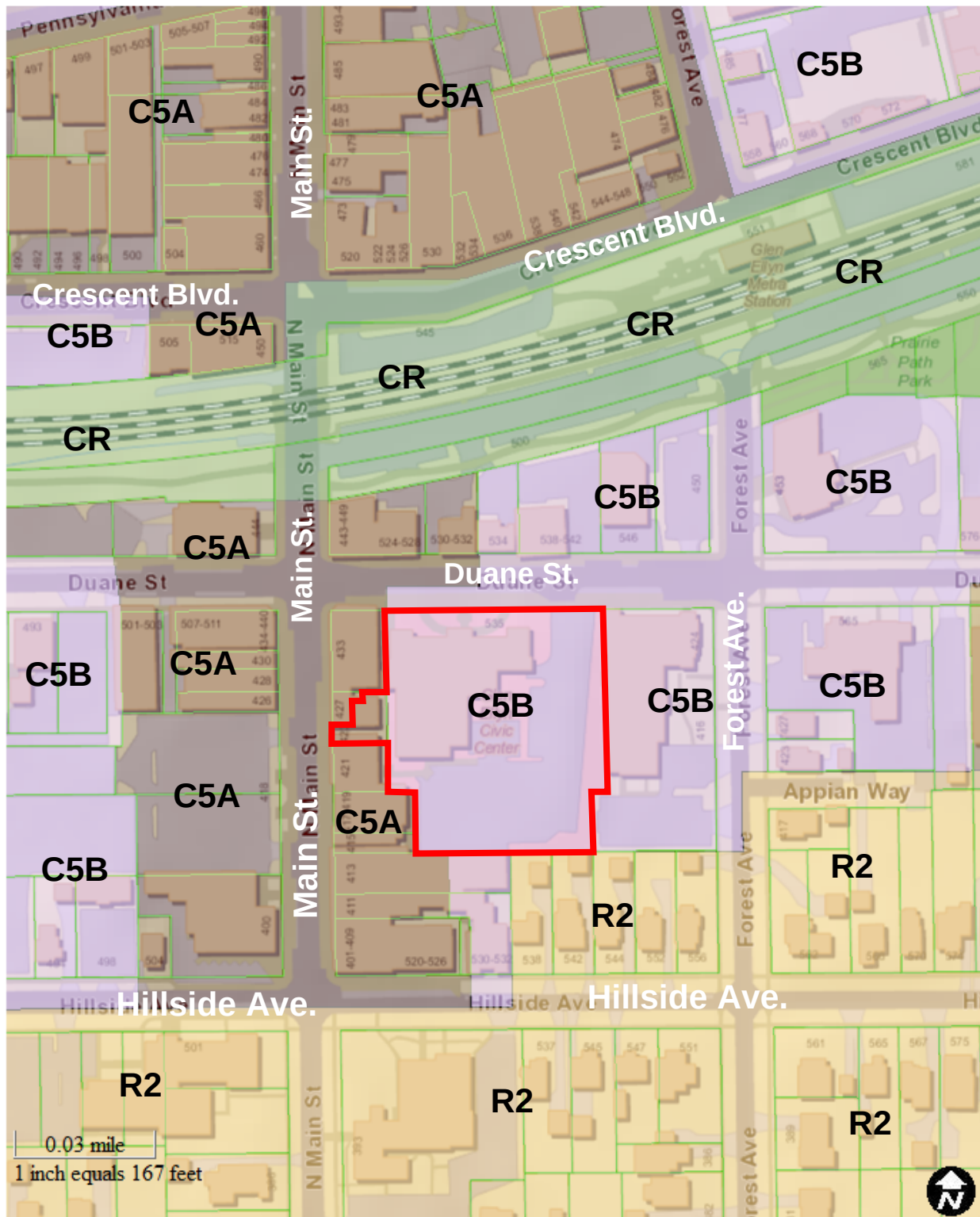
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## Location &amp; Zoning Map



Map created on December 6, 2019.

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EXHIBIT 1

QUIT CLAIM DEED  
ILLINOIS STATUTORY

R96 133067

96 AUG 12 PM 2:00

RECORDER  
DU PAGE COUNTY

*Blaney*

MAIL TO:

Paul R. Miller

Village of Glen Ellyn

535 Duane Street

Glen Ellyn, IL 60137-4699

NAME & ADDRESS OF TAXPAYER:

Village of Glen Ellyn

535 Duane Street

Glen Ellyn, IL 60137-4698

RECORDER'S STAMP

THE GRANTOR(S) Board of Education of School District No. 41  
of the Village of Glen Ellyn County of DuPage State of Illinois  
for and in consideration of Ten (\$10.00) DOLLARS  
and other good and valuable considerations in hand paid,  
CONVEY(S) AND QUIT CLAIM(S) to the Village of Glen Ellyn, a municipal corporation

(GRANTEE'S ADDRESS) 535 Duane Street  
of the Village of Glen Ellyn County of DuPage State of Illinois  
all interest in the following described real estate situated in the County of DuPage, in the State of Illinois,  
to wit:

15  
2  
K  
Lot 4 in Block 12 in County Clerk's Fifth Assessment Division, in  
Section 11, Township 39 North, Range 10, East of the Third Principal  
Meridian in DuPage County

NOTE: If additional space is required for legal - attach on separate  
8-1/2" x 11" sheet with a minimum of 1/2" clear margin on all sides.

hereby releasing and waiving all rights under and by virtue of the Homestead Exemption Laws of the State of Illinois.

Permanent Index Number(s): 05-11-328-024

Property Address: 535 Duane Street, Glen Ellyn, Illinois 60137-4699

Dated this 15th day of July  
(Seal)

*DESQ* 1996

(Seal)

Dean E. Clark - President, Board of Education

(Seal)

*Scott R. Baldwin*

(Seal)

Scott R. Baldwin - Secretary, Board of Education

NOTE: PLEASE TYPE OR PRINT NAME BELOW ALL SIGNATURES

COMPLIMENTS OF  Chicago Title Insurance Company

CTIC Form No. 1160



STATE OF ILLINOIS } ss.

County of DuPage }

I, the undersigned, a Notary Public in and for said County, in the State aforesaid, CERTIFY THAT

Dean E. Clark and Scott R. Baldwin

personally known to me to be the same person s whose names are subscribed to the foregoing instrument, appeared before me this day in person, and acknowledged that he/ they signed, sealed and delivered the instrument as their free and voluntary act, for the uses and purposes therein set forth, including the release and waiver of the right of homestead.\*

Given under my hand and notarial seal, this 15th day of July, 19 96.

My commission expires on September 28, 19 98.

Virginia E Sturm  
Notary Public

OFFICIAL SEAL  
VIRGINIA E STURM  
NOTARY PUBLIC STATE OF ILLINOIS  
MY COMMISSION EXP. SEPT 28, 1998

IMPRESS SEAL HERE

Du Page COUNTY - ILLINOIS TRANSFER STAMP

\* If Grantor is also Grantee you may want to strike Release & Waiver of Homestead Rights.

## NAME AND ADDRESS OF PREPARER:

Mark A. Balkin  
140 South Dearborn  
Chicago, IL 60603

## EXEMPT UNDER PROVISIONS OF PARAGRAPH

B

SECTION 4,

REAL ESTATE TRANSFER ACT

DATE:

8-7-96

Signature of Buyer, Seller or Representative

\*\* This conveyance must contain the name and address of the Grantee for tax billing purposes: ( 55 ILCS 5/3-5020) and name and address of the person preparing the instrument: ( 55 ILCS 5/3-5022).

QUIT CLAIM DEED  
ILLINOIS STATUTORY

FROM

Board of Education of School  
District No. 41

TO

Village of Glen Ellyn, a  
municipal corporation

R96-133067

## AFFIDAVIT OF AUTHORIZATION

I, Mark Franz, Village Manager of the Village of Glen Ellyn, a municipal corporation, owner of the properties commonly known as 423 N. Main Street and 535 Duane Street, Glen Ellyn, Illinois, legally described as follows:

423 N. MAIN STREET, GLEN ELLYN, IL 60137

THE EAST 29.2 FEET OF THE NORTH 11.1 FEET OF THE SOUTH 62.83 FEET AND THE EAST 41.7 FEET OF THE SOUTH 51.73 FEET AND ALSO THE SOUTH 22.5 FEET OF THE WEST 24.3 FEET OF LOT 5 IN BLOCK 12 OF THE COUNTY CLERK'S 5<sup>TH</sup> ASSESSMENT DIVISION, IN THE VILLAGE OF GLEN ELLYN, IN THE SOUTHWEST  $\frac{1}{4}$  OF SECTION 11, TOWNSHIP 39 NORTH, RANGE 10, EAST OF THE THIRD PRINCIPAL MERIDIAN, ACCORDING TO THE PLAT THEREOF RECORDED JULY 13, 1906 AS DOCUMENT NO. 88055, IN DUPAGE COUNTY, ILLINOIS.

PIN: 05-11-328-003

535 DUANE STREET, GLEN ELLYN, IL 60137

LOTS 3 AND 4 IN BLOCK 12 IN COUNTY CLERK'S FIFTH ASSESSMENT DIVISION, IN SECTION 11, TOWNSHIP 39 NORTH, RANGE 10, EAST OF THE THIRD PRINCIPAL MERIDIAN, ACCORDING TO THE PLAT THEREOF RECORDED JULY 3, 1906 AS DOCUMENT NO. 88055, IN DUPAGE COUNTY, ILLINOIS;

LOT 1 (EXCEPT THE SOUTH 19.96 FEET OF THE WEST 212.80 FEET THEREOF AND EXCEPT THE WEST 100.00 FEET THEREOF) IN SUBDIVISION OF LOT 6 IN BLOCK 12 IN ASSESSMENT DIVISION OF SECTION 11, TOWNSHIP 39 NORTH, RANGE 10, EAST OF THE THIRD PRINCIPAL MERIDIAN, IN DUPAGE COUNTY, ILLINOIS.

PIN: 05-11-328-024

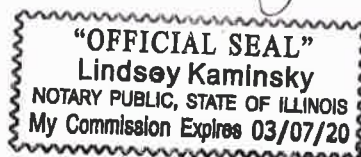
verify that William Hauer, Assistant Village Manager, and M.A. Mortenson Co., is duly authorized to apply and represent my interests before the Glen Ellyn Plan Commission, Zoning Board of Appeals and/or Village Board of Trustees. Owner acknowledges that any notice given applicant is actual notice to owner.

Mark Franz  
OWNER SIGNATURE

Subscribed and sworn to before me this

1 day of August, 20 19

Lindsey Kaminsky  
Notary Public





**APPLICATION FOR APPROVAL OF  
PRELIMINARY PLANNED UNIT DEVELOPMENT PLAN**

CLEAR PAGE

The undersigned petitions the President and Village Board of Trustees of the Village of Glen Ellyn, Illinois, to consider this Application for approval of a Preliminary Planned United Development Plan (PUD), as described below.

Date Filed: 10/11/19 Application No. \_\_\_\_\_

Type of PUD: Commercial  
(Residential, Commercial, Other)

Name of Applicant: M.A. Mortenson Company

Address of Applicant: 300 Park Blvd., Suite 100, Itasca, IL 60143

Business Phone: 847.981.8600 (Mobile): \_\_\_\_\_

Email: \_\_\_\_\_ (Fax): 847.981.8667

Property Interest of Applicant: Design-Builder  
(Owner, Owner Representative, Contract Purchaser, etc.)

Name of Owner(s): Village of Glen Ellyn

Address: 423 N. Main Street, Glen Ellyn, IL 60137 and 535 Duane Street, Glen Ellyn, IL 60137

Legal Description of Property:

**Please see next page for legal description.**

Zoning Classification: C5B, C5A

535 Duane Street- 1.713 acres  
Property Size/Area: 423 N. Main Street - 0.070 acres

Present Use: 423 N Main Street - Vacant commercial storefront & multifamily housing; 535 Duane Street - Parking Lot

Requested Use/Construction:

**5 tier (one below grade and four above grade) public parking structure**

Estimated Date to Start Construction: TBD

**Legal Description of Property:**

423 N. MAIN STREET, GLEN ELLYN, IL 60137

THE EAST 29.2 FEET OF THE NORTH 11.1 FEET OF THE SOUTH 62.83 FEET AND THE EAST 41.7 FEET OF THE SOUTH 51.73 FEET AND ALSO THE SOUTH 22.5 FEET OF THE WEST 24.3 FEET OF LOT 5 IN BLOCK 12 OF THE COUNTY CLERK'S 5TH ASSESSMENT DIVISION, IN THE VILLAGE OF GLEN ELLYN, IN THE SOUTHWEST  $\frac{1}{4}$  OF SECTION 11, TOWNSHIP 39 NORTH, RANGE 10, EAST OF THE THIRD PRINCIPAL MERIDIAN, ACCORDING TO THE PLAT THEREOF RECORDED JULY 13, 1906 AS DOCUMENT NO. 88055, IN DUPAGE COUNTY, ILLINOIS.

PIN: 05-11-328-003

535 DUANE STREET, GLEN ELLYN, IL 60137

LOTS 3 AND 4 IN BLOCK 12 IN COUNTY CLERK'S FIFTH ASSESSMENT DIVISION, IN SECTION 11, TOWNSHIP 39 NORTH, RANGE 10, EAST OF THE THIRD PRINCIPAL MERIDIAN, ACCORDING TO THE PLAT THEREOF RECORDED JULY 3, 1906 AS DOCUMENT NO. 88055, IN DUPAGE COUNTY, ILLINOIS;

LOT 1 (EXCEPT THE SOUTH 19.96 FEET OF THE WEST 212.80 FEET THEREOF AND EXCEPT THE WEST 100.00 FEET THEREOF) IN SUBDIVISION OF LOT 6 IN BLOCK 12 IN ASSESSMENT DIVISION OF SECTION 11, TOWNSHIP 39 NORTH, RANGE 10, EAST OF THE THIRD PRINCIPAL MERIDIAN, IN DUPAGE COUNTY, ILLINOIS.

PIN: 05-11-328-024

CLEAR PAGE

*(You may attach separate sheets as needed to answer any of the following questions)*

**Narrative Statement** evaluating the economic effects of adjoining property, the effect of such elements as noise, glare, odor, fumes, and vibration on adjoining property, a discussion of the general compatibility with the adjacent and other properties in the district, the effect of traffic, the relationship of the proposed use to the Comprehensive Plan, and how it fulfills the requirements of paragraph (E) of Section 10-10-14 of the Zoning Code:

The proposed development is an essential component of the Village Downtown Strategic Plan, which was adopted in 2009, and outlines the goal of the Village to “Create an economically-viable Downtown that is attractive to citizens and businesses”. Neighboring properties in the Central Business District will significantly benefit from the increased parking available to meet their business growth needs. The proposed development will assist in stimulating the south half of the Downtown by offering more opportunities to park close to Downtown core businesses and community uses. Adding 209 parking stalls will almost triple the current parking capacities in the same area and most of the parking will be covered; the result will allow for greatly enhanced access to Downtown uses that don’t always exist with the current parking configuration.

The area of the proposed development currently exists as a surface parking lot; therefore, the usage of the area will remain the same and will be enhanced. Being directly to the rear of the Civic Center, and to the rear of the existing Downtown commercial buildings, the property is likely undevelopable as any other use; maximizing the use of the property to provide parking can free up other parcels of land in the Downtown to be used as revenue generating developments.

Nearby residential areas will also benefit by lessening the impact of vehicles in the area searching for parking, which can reduce unintended vehicle trips as well as reducing exhaust emissions to the area. The submitted traffic impact study notes that any additional traffic to the surrounding roadways will perform at acceptable levels.

### **Describe How the PUD:**

1. Will be harmonious with and in accordance with the general objectives, or within a specific objective of the Comprehensive Plan and/or this Zoning Code:

The proposed use will not only be in harmony with the general and specific purposes for which the code was enacted, they will be taking the intent of the code much further. By pursuing this Planned Unit Development (PUD), the Village of Glen Ellyn will be supporting the current downtown commercial area with the parking they desperately need to maintain and expand their businesses and will be providing the Village with critical civic activity and commuter parking needs. Parking currently exists in this area and by creating a higher density of parking in the same location, the result will offer more people a shorter walk to places they need to go. Pressure on parking deep into residential neighborhoods will be reduced on busy days. The proposed PUD will maximize and centralize parking in the southern portion of the downtown, and when combined with the existing parking on the north side of downtown, the result will offer visitors and residents effective options for short and longer term daily parking.

The Village Downtown Strategic Plan outlines the goal of the Village to “Create an economically-viable Downtown that is attractive to citizens and businesses”. A key component of the plan instructs the Village to “Improve the sufficiency and convenience of the Downtown parking supply north and south of the railroad tracks”. The proposed parking structure will enhance access to Downtown core uses, is a key component of the Village Downtown Strategic Plan, and will be a welcome asset for all uses in the Downtown area.



ly meet the needs stated in Objective 9, Strategy and Measure 9, and Initiative 11 of the Downtown Strategic Plan. An analysis of these items are as follows:

Objective 9: The proposed parking structure will directly improve the sufficiency and convenience of the Downtown parking supply south of the tracks. By way of parking policy, adding parking supply south of the tracks will result of less pressure on the parking which exists on the north side of the tracks, which will free up parking for additional uses.

Strategy and Measure 9: The proposed parking structure directly increases the number of conveniently located public, commuter, and merchant parking in the Downtown. Per Measure 9, one or two parking structures are to be constructed near the train station, where they will be convenient for shoppers and commuters. The proposed parking structure fulfills this requirement.

Initiative 11: Initiative 11 is as follows: "Construct a new parking structure south of the Glen Ellyn Train Station and northeast of the Civic, Leadership, and Learning Center in the vicinity of Duane Street and Forest Avenue. The facility should be designed to accommodate commuter, merchant, and public parking demand". The proposed parking structure is in the near vicinity of the location identified in the Initiative, and meets the purpose and intent of Initiative 11.

CLEAR PAGE

2. Will be designed, constructed, operated, and maintained so as to be harmonious and appropriate in appearance with the existing or intended character of the general vicinity and that such use will not change the essential character of the same area:

The proposed parking ramp will be harmonious and appropriate with the existing character of the downtown by:

1. Compatibility with the downtown in its design, and by taking inspiration from the surrounding architecture, most significantly, the Civic Center.
2. Providing design quality, by the incorporation of a historic vocabulary and use of quality materials such as clay brick masonry and precast concrete created to emulate limestone of the adjacent architecture.
3. Reflecting the unique identity of the historic structures of the Village, and the atmosphere of the downtown, by utilizing features which reduce building mass such as architectural articulation, window patterns, and similar architectural and functional elements, and by reflecting the style of the Civic center by richly detailed cornices, and changes in materials to compliment the character of the Civic Center.

3. Will not be hazardous or disturbing to existing or future neighborhood uses:

The development area currently exists as a surface parking lot. The proposed development will only serve to decrease any disturbances to the area. Vehicles will now be screened from public view, and impact from vehicle headlights will be significantly reduced, as they will now be blocked by building elements. Parking structures are identified by the Building Code as low hazard facilities; low hazard facilities have one of the lowest fire potential of any type of buildings under the purview of the Building code.

4. Will be served adequately by essential public facilities and services such as highways, streets, police and fire protection, drainage structures, refuse disposal, water, sewers and schools, or that the persons or agencies responsible for the establishment of the proposed use shall be able to provide adequately any such services:

The Glen Ellyn Fire Department has been involved in the design process for the proposed development and has indicated the building can be adequately serviced. The Village Engineering Staff has also been involved in the design process of the proposed development and is in agreement with drainage, water, and sewer design intent. The submitted traffic impact study notes that any additional traffic to the surrounding roadways will perform at acceptable levels.

5. Will not create excessive additional requirements at public cost for public facilities and services and will not be detrimental to the economic welfare of the Village:

Since the Village is developing and will own the proposed development, the Village will incur the costs of development and maintenance. The proposed development will assist in expanding the economic welfare of the Village by assisting in the economic development of the Downtown.

CLEAR PAGE

6. Will not involve uses, activities, processes, materials, equipment and/or conditions of operation that will be detrimental to any persons, property or the general welfare by reason of excessive production of traffic, noise, smoke, fumes, glare or odors:

The proposed development will be designed to conform to applicable building codes, which regulate the life safety and welfare of the general public. The surrounding area will benefit by lessening the impact of vehicles in the area searching for parking, which can reduce unintended vehicle trips as well as reducing exhaust emissions to the area.

7. Will have vehicular approaches to the property which shall be so designed as not to create an undue interference with traffic on surrounding public streets or roads:

Existing access drive point to Duane Street is to be used.

8. Will not increase the potential for flood damage to adjacent property or require additional public expense for flood protection, rescue or relief:

The proposed project reduces overland flow to the adjacent properties. The proposed development is located on existing developed and impervious surface and will connect to the existing on-site storm sewer. Per village engineering staff, the existing downstream storm sewer is of sufficient capacity to accommodate the changes to the site due to the proposed development.

9. Will not result in destruction, loss or damage of natural, scenic or historical features of major importance to the community:

The proposed parking ramp will not result in destruction, loss or damage of natural, scenic or historical features of major importance, and will, as proposed enhance the historic features of the downtown by providing a development which takes its inspiration from the historic vocabulary of its surroundings.

CLEAR PAGE

I (We) certify that all of the statements and documents submitted as part of this application are true to the best of my (our) knowledge and belief.

I (We) consent to the entry in or upon the premises described in this application by any authorized official of the Village of Glen Ellyn for the purpose of inspection.

I (We) consent to pay the Village of Glen Ellyn all costs incurred for transcribing the public hearing on this application.

|            |                      |                                                                                     |
|------------|----------------------|-------------------------------------------------------------------------------------|
| 10/11/2019 | <b>Candace Small</b> |  |
| Date       | Print Name           | Signature of Applicant                                                              |
| _____      | _____                | _____                                                                               |
| Date       | Print Name           | Signature of Applicant                                                              |
| _____      | _____                | _____                                                                               |
| Date       | Print Name           | Signature of Applicant                                                              |
| _____      | _____                | _____                                                                               |

**THE BEST INTERESTS OF THE APPLICANT WILL BE SERVED  
BY COMPLETING THIS APPLICATION IN DETAIL**

**APPLICATION FOR APPROVAL OF  
FINAL PLANNED UNIT DEVELOPMENT PLAN**

CLEAR PAGE

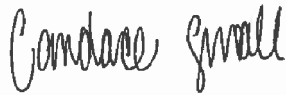
Date filed: 10/11/19 Application No. \_\_\_\_\_Common Name of PUD: Glen Ellyn Civic Center Campus PUDType of PUD: Commercial  
(Residential, Commercial, Other)Name of Applicant: M.A. Mortenson CompanyAddress of Applicant: 300 Park Blvd., Suite 100, Itasca, IL 60143Business Phone: 847.981.8600 (Mobile): \_\_\_\_\_Email: \_\_\_\_\_ (Fax): 847.981.8667Property Interest of Applicant: Design-Builder  
(Owner, Owner Representative, Contract Purchaser, etc.)Name of Owner(s): Village of Glen EllynAddress: 535 Duane Street, Glen Ellyn IL 60137

Legal Description of Property:

Please see next page for legal description.

Zoning Classification: C5B Property Size/Area: 535 Duane Street- 1.713 acres

Requested Use/Construction:

**5 tier (one below grade and four above grade) public parking structure.**Date of Preliminary PUD Plan Approval: -Estimated Date to Start Construction: TBD10/11/2019  
Date  
Signature of Applicant

**Legal Description of Property:**

535 DUANE STREET, GLEN ELLYN, IL 60137

LOTS 3 AND 4 IN BLOCK 12 IN COUNTY CLERK'S FIFTH ASSESSMENT DIVISION, IN SECTION 11, TOWNSHIP 39 NORTH, RANGE 10, EAST OF THE THIRD PRINCIPAL MERIDIAN, ACCORDING TO THE PLAT THEREOF RECORDED JULY 3, 1906 AS DOCUMENT NO. 88055, IN DUPAGE COUNTY, ILLINOIS;

LOT 1 (EXCEPT THE SOUTH 19.96 FEET OF THE WEST 212.80 FEET THEREOF AND EXCEPT THE WEST 100.00 FEET THEREOF) IN SUBDIVISION OF LOT 6 IN BLOCK 12 IN ASSESSMENT DIVISION OF SECTION 11, TOWNSHIP 39 NORTH, RANGE 10, EAST OF THE THIRD PRINCIPAL MERIDIAN, IN DUPAGE COUNTY, ILLINOIS.

PIN: 05-11-328-024

## APPLICATION FOR SPECIAL USE PERMIT

CLEAR PAGE

The undersigned petitions the President and Village Board of Trustees of the Village of Glen Ellyn, Illinois, to consider the Special Use described in this application.

Date Filed: 10/11/19 Application No: \_\_\_\_\_

Name of Applicant: M.A. Mortenson Company

Address of Applicant: 300 Park Blvd., Suite 100, Itasca, IL 60143

Business Phone: 847.981.8600 Fax: 847.981.8667

Home Phone: \_\_\_\_\_ Mobile Phone: \_\_\_\_\_

Email: \_\_\_\_\_

Property Interest of Applicant: Design-Builder

(Owner, Contract Purchaser, Owner Representative)

Name of Owner: Village of Glen Ellyn

Address of Owner: 535 Duane Street, Glen Ellyn, IL

Business Phone: 630.469.5000 Fax: \_\_\_\_\_

Home Phone: \_\_\_\_\_ Mobile Phone: \_\_\_\_\_

Email: \_\_\_\_\_

Property Address: 423 N. Main Street, Glen Ellyn, IL 60137 and 535 Duane Street, Glen Ellyn, IL 60137

Legal Description of Property:

Please see next page for legal description.

Permanent Index No. (PIN): 05-11-328-003 / 05-11-328-024 Zoning: C5B - 535 Duane, C5A - 423 N. Main

Lot Dimensions: Refer to Survey Lot Area: 535 Duane Street- 1.713 acres  
423 N. Main Street - 0.070 acres

Present Use:

423 N Main Street - Vacant commercial storefront & multifamily housing;  
535 Duane Street - Parking Lot

Requested Use/Construction:

Public Use

Estimated Date to Begin New Use/Construction: TBD



**Legal Description of Property:**

423 N. MAIN STREET, GLEN ELLYN, IL 60137

THE EAST 29.2 FEET OF THE NORTH 11.1 FEET OF THE SOUTH 62.83 FEET AND THE EAST 41.7 FEET OF THE SOUTH 51.73 FEET AND ALSO THE SOUTH 22.5 FEET OF THE WEST 24.3 FEET OF LOT 5 IN BLOCK 12 OF THE COUNTY CLERK'S 5TH ASSESSMENT DIVISION, IN THE VILLAGE OF GLEN ELLYN, IN THE SOUTHWEST  $\frac{1}{4}$  OF SECTION 11, TOWNSHIP 39 NORTH, RANGE 10, EAST OF THE THIRD PRINCIPAL MERIDIAN, ACCORDING TO THE PLAT THEREOF RECORDED JULY 13, 1906 AS DOCUMENT NO. 88055, IN DUPAGE COUNTY, ILLINOIS.

PIN: 05-11-328-003

535 DUANE STREET, GLEN ELLYN, IL 60137

LOTS 3 AND 4 IN BLOCK 12 IN COUNTY CLERK'S FIFTH ASSESSMENT DIVISION, IN SECTION 11, TOWNSHIP 39 NORTH, RANGE 10, EAST OF THE THIRD PRINCIPAL MERIDIAN, ACCORDING TO THE PLAT THEREOF RECORDED JULY 3, 1906 AS DOCUMENT NO. 88055, IN DUPAGE COUNTY, ILLINOIS;

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PIN: 05-11-328-024

Name(s), Address(es) and Phone No(s). of Experts (architects, engineers, etc.):

CLEAR PAGE

Walker Consultants - Parking Consultant / Structural Engineer  
2895 Greenspoint Pkwy, Suite 600, Hoffman Estates, IL 60169, 847.697.2640

Shive-Hattery - Architect / MEP+FP Engineer  
440 North Wells Street, Suite 320, Chicago, IL 60564, 312.324.5500

Eriksson Engineering Associates, Ltd - Civil Engineering / Landscape Architecture  
145 Commerce Drive, Suite A, Grayslake, IL 60030, 847.223.4804

**Narrative Statement** evaluating the economic effects on adjoining property, the effect of such elements as noise, glare, odor, fumes and vibration on adjoining property, a discussion of the general compatibility with the adjacent and other properties in the district, the effect of traffic, and the relationship of the proposed use to the Comprehensive Plan, and how it fulfills the requirements of paragraph (E) of Section 10-10-14 of the Zoning Code:

The proposed development is an essential component of the Village Downtown Strategic Plan, which was adopted in 2009, and outlines the goal of the Village to "Create an economically-viable Downtown that is attractive to citizens and businesses". Neighboring properties in the Central Business District will benefit from the plaza area and the connection it provides to the proposed parking garage. The plaza will not provide noise, glare, odor, fumes or vibration on adjoining properties. The design team intent to select plaza finishes complimentary with the street scape will create a cohesive look through the Central Business District.

**Describe How the Special Use:**

1. Will be harmonious with and in accordance with the general objectives, or within a specific objective of the Comprehensive Plan and/or this Zoning Code:

The proposed public uses will compliment the historic commercial uses of downtown Glen Ellyn and create opportunities for outdoor activities as well as connections from the pedestrian-oriented shopping and business to additional parking facilities.

2. Will be designed, constructed, operated, and maintained so as to be harmonious and appropriate in appearance with the existing or intended character of the general vicinity and that such use will not change the essential character of the same area:

The public areas are designed to be complimentary with the street scape to create a cohesive look through the Central Business District.

3. Will not be hazardous or disturbing to existing or future neighborhood uses:

A public use enhances the pedestrian oriented retail and businesses by drawing more residents downtown. The overall look and feel of the development is cohesive with the existing neighborhood.

CLEAR PAGE

4. Will be served adequately by essential public facilities and services such as highways, streets, police and fire protection, drainage structures, refuse disposal, water, sewers and schools, or that the persons or agencies responsible for the establishment of the proposed use shall be able to provide adequately any such services:

The Glen Ellyn Fire Department has been involved in the design process for the proposed development and has indicated the building can be adequately serviced. The Village Engineering Staff has also been involved in the design process of the proposed development and is in agreement with drainage, water, and sewer design intent. The submitted traffic impact study notes that any additional traffic to the surrounding roadways will perform at acceptable levels.

5. Will not create excessive additional requirements at public cost for public facilities and services, and will not be detrimental to the economic welfare of the Village:

Since the Village is developing and will own the proposed development, the Village will incur the costs of development and maintenance. The proposed development will assist in expanding the economic welfare of the Village by assisting in the economic development of the Downtown.

6. Will not involve uses, activities, processes, materials, equipment and/or conditions of operation that will be detrimental to any persons, property or the general welfare by reason of excessive production of traffic, noise, smoke, fumes, glare or odors:

The proposed development will be designed to conform to applicable building codes, which regulate the life safety and welfare of the general public. The surrounding area will benefit by increased public use space.

7. Will have vehicular approaches to the property, which shall be so designed as not to create an undue interference with traffic on surrounding public streets or roads:

Existing access drive points to Duane Street are utilized.

8. Will not increase the potential for flood damage to adjacent property or require additional public expense for flood protection, rescue or relief:

The proposed project reduces overland flow to the adjacent properties. The proposed development is located on existing developed and impervious surface and will connect to the existing on-site storm sewer. Per village engineering staff, the existing downstream storm sewer is of sufficient capacity to accommodate the changes to the site due to the proposed development.

9. Will not result in destruction, loss or damage of natural, scenic or historic features of major importance to the community:

The proposed public use will not result in destruction, loss or damage of natural, scenic or historical features of major importance, and will, as proposed enhance the historic features of the downtown by providing a development which takes its inspiration from the historic vocabulary of its surroundings.

CLEAR PAGE

I (We) certify that all of the statements and documents submitted as part of this application are true to the best of my (our) knowledge and belief.

I (We) consent to the entry in or upon the premises described in this application by any authorized official of the Village of Glen Ellyn for the purpose of inspection.

I (We) consent to pay the Village of Glen Ellyn all costs incurred for transcribing the public hearing on this application.

I (We) understand that no final action shall be taken by the Village Board subsequent to the public hearing until and upon payment of transcribing fees.

---

10/11/2019

Date

**Candace Small**

Print Name



Signature of Applicant

---

Date

---

Print Name

---

Signature of Applicant

---

Date

---

Print Name

---

Signature of Applicant

**THE BEST INTERESTS OF THE APPLICANT WILL BE SERVED  
BY COMPLETING THIS APPLICATION IN DETAIL**

## APPLICATION FOR SPECIAL USE PERMIT

CLEAR PAGE

The undersigned petitions the President and Village Board of Trustees of the Village of Glen Ellyn, Illinois, to consider the Special Use described in this application.

Date Filed: 10/11/19 Application No: \_\_\_\_\_

Name of Applicant: M.A. Mortenson Company

Address of Applicant: 300 Park Blvd., Suite 100, Itasca, IL 60143

Business Phone: 847.981.8600 Fax: 847.981.8667

Home Phone: \_\_\_\_\_ Mobile Phone: \_\_\_\_\_

Email: \_\_\_\_\_

Property Interest of Applicant: Design-Builder

(Owner, Contract Purchaser, Owner Representative)

Name of Owner: Village of Glen Ellyn

Address of Owner: 535 Duane Street, Glen Ellyn, IL

Business Phone: 630.469.5000 Fax: \_\_\_\_\_

Home Phone: \_\_\_\_\_ Mobile Phone: \_\_\_\_\_

Email: \_\_\_\_\_

Property Address: 535 Duane Street, Glen Ellyn, IL 60137

Legal Description of Property:

**Please see next page for legal description.**

Permanent Index No. (PIN): 05-11-328-024 Zoning: C5B

Lot Dimensions: Refer to Survey Lot Area: 535 Duane Street- 1.713 acres

Present Use:

535 Duane Street - Parking Lot

Requested Use/Construction:

Five tier (one below grade and four above grade) public parking structure.

Estimated Date to Begin New Use/Construction: TBD

**Legal Description of Property:**

535 DUANE STREET, GLEN ELLYN, IL 60137

LOTS 3 AND 4 IN BLOCK 12 IN COUNTY CLERK'S FIFTH ASSESSMENT DIVISION, IN SECTION 11, TOWNSHIP 39 NORTH, RANGE 10, EAST OF THE THIRD PRINCIPAL MERIDIAN, ACCORDING TO THE PLAT THEREOF RECORDED JULY 3, 1906 AS DOCUMENT NO. 88055, IN DUPAGE COUNTY, ILLINOIS;

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PIN: 05-11-328-024

Name(s), Address(es) and Phone No(s). of Experts (architects, engineers, etc.):

CLEAR PAGE

Walker Consultants - Parking Consultant / Structural Engineer  
2895 Greenspoint Pkwy, Suite 600, Hoffman Estates, IL 60169, 847.697.2640

Shive-Hattery - Architect / MEP+FP Engineer  
440 North Wells Street, Suite 320, Chicago, IL 60564, 312.324.5500

Eriksson Engineering Associates, Ltd - Civil Engineering / Landscape Architecture  
145 Commerce Drive, Suite A, Grayslake, IL 60030, 847.223.4804

**Narrative Statement** evaluating the economic effects on adjoining property, the effect of such elements as noise, glare, odor, fumes and vibration on adjoining property, a discussion of the general compatibility with the adjacent and other properties in the district, the effect of traffic, and the relationship of the proposed use to the Comprehensive Plan, and how it fulfills the requirements of paragraph (E) of Section 10-10-14 of the Zoning Code:

See attached sheet.

**Describe How the Special Use:**

1. Will be harmonious with and in accordance with the general objectives, or within a specific objective of the Comprehensive Plan and/or this Zoning Code:

See attached sheet.

2. Will be designed, constructed, operated, and maintained so as to be harmonious and appropriate in appearance with the existing or intended character of the general vicinity and that such use will not change the essential character of the same area:

See attached sheet.

3. Will not be hazardous or disturbing to existing or future neighborhood uses:

See attached sheet.



**Narrative Statement:**

The proposed development is an essential component of the Village Downtown Strategic Plan, which was adopted in 2009, and outlines the goal of the Village to “Create an economically-viable Downtown that is attractive to citizens and businesses”. Neighboring properties in the Central Business District will significantly benefit from the increased parking available to meet their business growth needs. The proposed development will assist in stimulating the south half of the Downtown by offering more opportunities to park close to Downtown core businesses and community uses. Adding 209 parking stalls will almost triple the current parking capacities in the same area and most of the parking will be covered; the result will allow for greatly enhanced access to Downtown uses that don't always exist with the current parking configuration.

The area of the proposed development currently exists as a surface parking lot; therefore, the usage of the area will remain the same and will be enhanced. Being directly to the rear of the Civic Center, and to the rear of the existing Downtown commercial buildings, the property is likely undevelopable as any other use; maximizing the use of the property to provide parking can free up other parcels of land in the Downtown to be used as revenue generating developments.

Nearby residential areas will also benefit by lessening the impact of vehicles in the area searching for parking, which can reduce unintended vehicle trips as well as reducing exhaust emissions to the area. The submitted traffic impact study notes that any additional traffic to the surrounding roadways will perform at acceptable levels.

**Describe How the Special Use:****1. Will be harmonious with and in accordance with the general objectives, or within a specific objective of the Comprehensive Plan and/or this Zoning Code:**

The proposed use will not only be in harmony with the general and specific purposes for which the code was enacted, they will be taking the intent of the code much further. By pursuing this Planned Unit Development (PUD), the Village of Glen Ellyn will be supporting the current downtown commercial area with the parking they desperately need to maintain and expand their businesses and will be providing the Village with critical civic activity and commuter parking needs. Parking currently exists in this area and by creating a higher density of parking in the same location, the result will offer more people a shorter walk to places they need to go. Pressure on parking deep into residential neighborhoods will be reduced on busy days. The proposed PUD will maximize and centralize parking in the southern portion of the downtown, and when combined with the existing parking on the north side of downtown, the result will offer visitors and residents effective options for short and longer term daily parking.

The Village Downtown Strategic Plan outlines the goal of the Village to “Create an economically-viable Downtown that is attractive to citizens and businesses”. A key component of the plan instructs the Village to “Improve the sufficiency and convenience of the Downtown parking supply north and south of the railroad tracks”. The proposed public parking structure will enhance access to Downtown core uses, is a key component of the Village Downtown Strategic Plan, and will be a welcome asset for all uses in the Downtown area.

Furthermore, the proposed parking structure will directly meet the needs stated in Objective 9, Strategy and Measure 9, and Initiative 11 of the Downtown Strategic Plan. An analysis of these items are as follows:

Objective 9: The proposed parking structure will directly improve the sufficiency and convenience of the Downtown parking supply south of the tracks. By way of parking policy, adding parking supply south of the tracks will result of less pressure on the parking which exists on the north side of the tracks, which will free up parking for additional uses.

Strategy and Measure 9: The proposed parking structure directly increases the number of conveniently located public, commuter, and merchant parking in the Downtown. Per Measure 9, one or two parking structures are to be constructed near the train station, where they will be convenient for shoppers and commuters. The proposed parking structure fulfills this requirement.

Initiative 11: Initiative 11 is as follows: "Construct a new parking structure south of the Glen Ellyn Train Station and northeast of the Civic, Leadership, and Learning Center in the vicinity of Duane Street and Forest Avenue. The facility should be designed to accommodate commuter, merchant, and public parking demand". The proposed public parking structure is in the near vicinity of the location identified in the Initiative, and meets the purpose and intent of Initiative 11.

#### **Describe How the Special Use:**

**2. Will be designed, constructed, operated, and maintained so as to be harmonious and appropriate in appearance with the existing or intended character of the general vicinity and that such use will not change the essential character of the same area:**

The exterior expression of the proposed Glen Ellyn Parking Ramp was developed to compliment and draw inspiration from the historic architecture of the Glen Ellyn Civic Center, to which it is directly adjacent. The Civic Center provided the inspiration for the following architectural style elements on the Parking Ramp:

1. Strong projecting cornice near the top of the structure.
2. Articulated belt course.
3. Tall narrow fenestration arranged in a evenly spaced horizontal pattern.
4. Articulated feature panels above and below openings.
5. Multi-paned window mullion patterns.

Of the various architectural styles in Glen Ellyn, the proposed structure most closely emulates the architecture of the Civic Center, due to its proximity and similar massing.

#### **Describe How the Special Use:**

**3. Will not be hazardous or disturbing to existing or future neighborhood uses:**

The development area currently exists as a surface parking lot. The proposed development will only serve to decrease any disturbances to the area. Vehicles will now be screened from public view, and impact from vehicle headlights will be significantly reduced, as they will now be blocked by building elements. Parking structures are identified by the Building Code as low hazard facilities; low hazard facilities have one of the lowest fire potential of any type of buildings under the purview of the Building code.

CLEAR PAGE

4. Will be served adequately by essential public facilities and services such as highways, streets, police and fire protection, drainage structures, refuse disposal, water, sewers and schools, or that the persons or agencies responsible for the establishment of the proposed use shall be able to provide adequately any such services:

The Glen Ellyn Fire Department has been involved in the design process for the proposed development and has indicated the building can be adequately serviced. The Village Engineering Staff has also been involved in the design process of the proposed development and is in agreement with drainage, water, and sewer design intent. The submitted traffic impact study notes that any additional traffic to the surrounding roadways will perform at acceptable levels.

5. Will not create excessive additional requirements at public cost for public facilities and services, and will not be detrimental to the economic welfare of the Village:

Since the Village is developing and will own the proposed development, the Village will incur the costs of development and maintenance. The proposed development will assist in expanding the economic welfare of the Village by assisting in the economic development of the Downtown.

6. Will not involve uses, activities, processes, materials, equipment and/or conditions of operation that will be detrimental to any persons, property or the general welfare by reason of excessive production of traffic, noise, smoke, fumes, glare or odors:

The proposed development will be designed to conform to applicable building codes, which regulate the life safety and welfare of the general public. The surrounding area will benefit by lessening the impact of vehicles in the area searching for parking, which can reduce unintended vehicle trips as well as reducing exhaust emissions to the area.

7. Will have vehicular approaches to the property, which shall be so designed as not to create an undue interference with traffic on surrounding public streets or roads:

Existing access drive point to Duane Street is utilized.

8. Will not increase the potential for flood damage to adjacent property or require additional public expense for flood protection, rescue or relief:

The proposed project reduces overland flow to the adjacent properties. The proposed development is located on existing developed and impervious surface and will connect to the existing on-site storm sewer. Per village engineering staff, the existing downstream storm sewer is of sufficient capacity to accommodate the changes to the site due to the proposed development.

9. Will not result in destruction, loss or damage of natural, scenic or historic features of major importance to the community:

The proposed parking ramp will not result in destruction, loss or damage of natural, scenic or historical features of major importance, and will, as proposed enhance the historic features of the downtown by providing a development which takes its inspiration from the historic vocabulary of its surroundings.

CLEAR PAGE

I (We) certify that all of the statements and documents submitted as part of this application are true to the best of my (our) knowledge and belief.

I (We) consent to the entry in or upon the premises described in this application by any authorized official of the Village of Glen Ellyn for the purpose of inspection.

I (We) consent to pay the Village of Glen Ellyn all costs incurred for transcribing the public hearing on this application.

I (We) understand that no final action shall be taken by the Village Board subsequent to the public hearing until and upon payment of transcribing fees.

|                   |                             |                                                                                            |
|-------------------|-----------------------------|--------------------------------------------------------------------------------------------|
| <u>10/11/2019</u> | <u><b>Candace Small</b></u> | <u></u> |
| Date              | Print Name                  | Signature of Applicant                                                                     |
| <u> </u>          | <u> </u>                    | <u> </u>                                                                                   |
| Date              | Print Name                  | Signature of Applicant                                                                     |
| <u> </u>          | <u> </u>                    | <u> </u>                                                                                   |
| Date              | Print Name                  | Signature of Applicant                                                                     |

**THE BEST INTERESTS OF THE APPLICANT WILL BE SERVED  
BY COMPLETING THIS APPLICATION IN DETAIL**

## EXTERIOR APPEARANCE REVIEW APPLICATION

Please complete and return this form to the Planning and Development Department, 535 Duane St.,  
Glen Ellyn, IL 60137. If you have questions, please phone: 630.547.5250

### I. APPLICATION INFORMATION:

CLEAR PAGE

A. Date Filed: 09/06/19 B: Application No. \_\_\_\_\_

C. **Project Name:** Village of Glen Ellyn Public Parking Garage

D. Project Description:

**Parking facility including five tiers of parking (one below grade and four above) for 277 vehicles. Parking facility is located behind the existing Civic Center building.**

E. Address of Property: 535 Duane Street, Glen Ellyn, IL, 60137

F. Permanent Index No.: 05-11-328-024 G. Zoning: C5B

H. **Name of Applicant:** M.A. Mortenson Company

I. Address of Applicant: 300 Park Blvd., Suite 100, Itasca, IL 60143

J. Phone No. (Business): 847.981.8600 (Home) \_\_\_\_\_

K. (Mobile) \_\_\_\_\_ (Other) \_\_\_\_\_

L. Fax No.: 847.981.8667

M. E-mail Address of Applicant: \_\_\_\_\_

N. **Name of Property Owner:** Village of Glen Ellyn

O. Address of Property Owner: 535 Duane Street, Glen Ellyn, IL

P. Phone No. (Business): 630.469.5000 (Home) \_\_\_\_\_

Q. E-Mail Address of Property Owner: \_\_\_\_\_

### II. CONFORMANCE WITH APPEARANCE REVIEW GUIDELINES:

**(You may attach separate sheets as needed to answer any of the following questions)**

R. Please explain why the proposed architectural style was chosen.

The exterior expression of the proposed Glen Ellyn Parking Ramp was developed to compliment and draw inspiration from the historic architecture of the Glen Ellyn Civic Center, to which it is directly adjacent. The Civic Center provided the inspiration for the following architectural style elements on the Parking Ramp:

1. Strong projecting cornice near the top of the structure.
2. Articulated belt course.
3. Tall narrow fenestration arranged in a evenly spaced horizontal pattern.
4. Articulated feature panels above and below openings.
5. Multi-paned window mullion patterns.

Of the various architectural styles in Glen Ellyn, the proposed structure most closely emulates the architecture of the Civic Center, due to its proximity and similar massing.

CLEAR PAGE

S. Provide information about the architectural style and exterior materials of the buildings in the surrounding area:

The proposed structure is located in the historic downtown of Glen Ellyn which contains distinctive architecture of Federal, Greek Revival, Italianate, Victorian, Colonial, English Tudor, and turn-of-the-century Illinois vernacular commercial buildings. The predominant exterior materials in the surrounding area are brick and limestone.

T. Please explain how the project complies with the Appearance Review Guidelines:

The proposed project addresses the goals of the Appearance Review Guidelines by:

1. Promoting architectural compatibility, by taking inspiration from the surrounding architecture.
2. Providing design quality, by the incorporation of a historic vocabulary and use of quality materials such as clay brick masonry and precast concrete created to emulate limestone of the adjacent architecture.
3. Reflecting the unique identity of the historic structures of the Village, and the atmosphere of the downtown.

Specifically, the project is in-keeping with the following Paragraphs of the Guidelines by:

- 1.2: Utilizing brick and stone (cast stone in the proposed building) with natural and earthtones for their durability and quality.
- 1.6: Providing a readily identifiable entrance, by the incorporation of a significant stair tower / entrance element.
- 1.9: Utilizing features which reduce building mass such as architectural articulation, window patterns, and similar architectural and functional elements.

Chapter 3: Taking inspiration from the architectural style of the historic Glen Ellyn Civic Center.

- 3.2: Reflecting the style of the Civic center by richly detailed cornices, and changes in materials to compliment the character of the Civic Center.

- 3.3 Maintaining the proportions, expression of openings, patterns and pattern frequencies of the Civic Center.

- 3.3.2 Incorporating upper floor windows which are individual openings, and smaller in size than the first floor openings.

- 3.3.3: Utilizing trim around windows, decorative panels and belt coursing, which define openings and add a richness of detailing.

Chapter 6: Creating a sense of stability, permanence and character.

U. Please explain why any deviations from the Appearance Review Guidelines are proposed:

No deviations are proposed.

Signature: Camdace Small Date: 09/06/2019



VILLAGE OF GLEN ELLYN PARKING GARAGE  
ZONING INFORMATION

31-8445.00

### Zoning Information

The current site is positioned in the following zoning district:

- 535 Duane St. – C5B: Central Business District, Central Service Sub-district
- 423 N. Main St. – C5A: Central Retail Core Sub-district
  - *(10-3-1) The C5 district constitutes the historic business area of the Village. The C5 district is comprised of two separate and distinct subdistricts: the C5A Central Retail Core and the C5B Central Service. A principal purpose of this district is to maintain and protect the primary retail core of the "downtown", generally bounded by Pennsylvania, Forest, Hillside and Glenwood (C5A subdistrict). This compact area should be intensely developed and oriented to pedestrian shopping. Outside this retail core area, the remainder of the C5 district (C5B subdistrict) is intended to accommodate necessary service uses and consolidated parking, while allowing for the gradual and planned expansion of the retail core. Within the C5 district, all unimproved land or additions to existing structures which increase the square footage of a structure that is 4,000 square feet or greater, or increase a structure any size by more than 25 percent must be developed as a planned development, composed of permitted and/or special uses in the C5 district, and meeting all applicable requirements of the "planned unit development regulations" and "administrative procedures" herein;*

#### Surrounding Zoning Districts – 535 Duane St.

North: C5A and C5B

East: C5B

South: C5A and C5B (abutting 413 Main) and R2 (abutting 538 and 542 Hillside)

West: C5A

#### Surrounding Zoning Districts – 423 N. Main St.

North: C5A

East: C5B

South: C5A

West: C5A

### Zoning Deviations

- Rear Yard Deviations, Section 10-4-17-2(D)(1)(c)
  - To allow a public parking garage to encroach approximately 15 feet 10 inches into the required 20 foot rear yard from residential uses located at 542 Hillside Ave., 538 Hillside Ave., and 413 N. Main St.
  - To not require landscaping as a visual buffer in the required 20 foot rear yard from residential uses from residential uses located at 542 Hillside Ave., 538 Hillside Ave., and 413 N. Main St.
  - To allow a public parking garage to encroach approximately 6 feet 10 inches into the required 20 foot rear yard from residential uses located at 415 – 419 N. Main St.
  - To not require landscaping as a visual buffer in the required 20 foot rear yard from residential uses from residential uses located at 415 – 419 N. Main St.



**VILLAGE OF GLEN ELLYN PARKING GARAGE**  
**ZONING INFORMATION**

31-8445.00

- Side Yard Deviations, Section 10-4-17-2(D)(1)(d)
  - To allow a public parking garage to encroach approximately 9 feet 3 inches, into the required 20 foot side yard from residential uses located at 415 – 419 N. Main St.
  - To not require landscaping as a visual buffer in the required 20 foot side yard from residential uses from residential uses located at 415 – 419 N. Main St.
- Parking Stall Dimensions, Section 10-5-8(I)
  - To allow double rows of 90-degree parking stall modules to be a length of 60 feet where 63 feet is required, with 18 feet parking stall length where 19 feet is required and 24 feet drive aisle widths where 25 feet is required inside the proposed parking garage. (Exhibit C)
  - To allow a single row of 90-degree parking stalls to be a length of 18 feet where 19 feet is required and 24 feet 6 inch drive aisle where 25 feet is required on a surface parking lot.
- Maximum Building Height, Section 10-4-17-2(E)(1)
  - To allow the proposed parking garage to not have a “step back” of 15 feet where the building is taller than 55 feet. (Exhibits B and D)
- Landscaping, Section 10-5-13(L)(3)
  - To not require an opaque screen between the heights of 6 and 7 feet along the side and rear lot lines adjacent to residential uses located at 542 Hillside Ave., 538 Hillside Ave., 413 N. Main St., 415 – 419 N. Main St., and 421 N. Main St.
- Exterior Illumination Standards, Section 10-5-13(M)(2)(a)(1)
  - To allow foot-candle levels adjacent to the residential uses on 413 N. Main St., 415-419 N. Main Street, and 421 N. Main St. to exceed one-half (0.5) foot-candle.



### Quantitative Summary (10-10-15-B-1-g)

- Gross site area = 77,662.24 sq. ft. (1.78 ac.)
- Total gross floor area of parking structure (Parking) = 108,977 sq. ft.
- Total gross floor area of existing Civic Center (Office) = 45,206 sq. ft.
- Floor Area Ratio: FAR =  $154,183 / 77,662.24 = 1.99$
- PUD Lot 1 Area (Zoned C5B) = 74,634.24 sq. ft. (1.71 ac.)
- PUD Lot 2 Area (Zoned C5A) = 3,028 sq. ft. (0.07 ac.)
- PUD Phase 1 Area = 66,064 sq. ft.
- PUD Phase 2 Area = 11,598.24 sq. ft.
- Parking – New stalls provided on 535 Duane St. site:
  - Parking Structure: 277 stalls
  - North surface Lot: 10 Stalls
- Parking – Lost stalls on 535 Duane St. site:
  - Existing surface lot: 75 stalls
- Parking – Net parking gain on 535 Duane St. site:
  - Total Parking Provided: 212 stalls
- Parking on-street:
  - Lost stalls on Duane due to project (note count is same under existing conditions and future streetscape conditions): 1 stall
  - Lost stalls on Main due to project (note count is same under existing conditions and future streetscape conditions): 2 stalls
- Parking – 535 Duane St. + on-street:
  - Net stall increase for Village of Glen Ellyn Parking due to garage project = 209 stalls.
- Parking – Number of parking stalls required in accordance with Section 10-4-17-2(G)
  - Civic Center =  $45,206 \text{ sq. ft.} / 250 \text{ s.f.} = 181 \text{ stalls}$
- Area of open space = 6,970 sq. ft.



November 11, 2019

M.A. Mortenson Company  
ATTN: Ms. Candace Small  
300 Park Blvd, Suite 100  
Itasca, IL 60143

RE: Village of Glen Elly – Public Parking Garage  
Development Plan Review No. 5, Comment No. 8

Dear Candance:

We wanted to provide an expanded response to review Comment No. 8 which is listed below for reference:

8. *Deviation Required – After further consideration and review, an additional deviation from section 10-5-13(M)(2)(a)(1) is required to allow foot-candle levels adjacent to the residential uses on 413 N. Main St., 415-419 N. Main St., and 421 N. Main St. to exceed one-half (0.5) foot-candle.*

The identified area in question is at the west side of the proposed new parking garage. We have designed that area to be slightly above one foot-candle average. The design basis is pertaining to safety and security of public walking traffic through the area. The following standards were utilized as a design basis for this space.

1. IES G-1-16 Guide for Security Lighting for People, Property and Critical Infrastructure.

Paragraph 8.2.6

*“Sidewalks, footpaths and grounds around or supporting parking lot should be illuminated to no less than 6 lx (0.6 FC).....”*

Paragraph 8.2.8

For public areas where security is a concern - *“..illuminated levels should be at least 11 lx (1.0 FC) horizontal at ground level....”*

2. IESNA G-1-03 Guideline for Security Lighting for People, Property and Public Spaces.

Paragraph 7.2.6

*“...walkways open to the public at night should be illuminated to at least 6 lux (0.6 FC) ...”*

3. IESNA Lighting Handbook – tenth edition. Chapters 25, 26 and 34

We recommend following these standards and allowing a higher than one-half (0.5) foot-candle at the property line for public safety.

Thank you for your consideration and please give us a call if you have any questions.

Sincerely,

SHIVE-HATTERY, INC.

A handwritten signature in blue ink, appearing to read "Jake J. Henkle".

Jake J. Henkle, P.E.

[jhenkle@shive-hattery.com](mailto:jhenkle@shive-hattery.com)

JJH/atf

Copy: Brad Navarro, Walker Consultants



**Applicant:** Mortenson  
**Contact:** Candace Small  
**Address:** 300 Park Blvd.  
Suite 100  
Itasca, IL 60143

**IDNR Project Number:** 1907276  
**Date:** 01/30/2019

**Project:** Glen Ellyn Parking Garage  
**Address:** 535 Duane Street, Glen Ellyn

**Description:** 4 story above grade, 1 story below grade precast parking garage structure located behind the Village of Glen Ellyn Civic Center.

### Natural Resource Review Results

#### Consultation for Endangered Species Protection and Natural Areas Preservation (Part 1075)

The Illinois Natural Heritage Database contains no record of State-listed threatened or endangered species, Illinois Natural Area Inventory sites, dedicated Illinois Nature Preserves, or registered Land and Water Reserves in the vicinity of the project location.

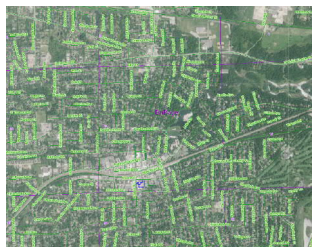
**Consultation is terminated.** This consultation is valid for two years unless new information becomes available that was not previously considered; the proposed action is modified; or additional species, essential habitat, or Natural Areas are identified in the vicinity. If the project has not been implemented within two years of the date of this letter, or any of the above listed conditions develop, a new consultation is necessary. Termination does not imply IDNR's authorization or endorsement.

#### Location

The applicant is responsible for the accuracy of the location submitted for the project.

**County:** DuPage

**Township, Range, Section:**  
39N, 10E, 11



#### **IL Department of Natural Resources Contact**

Bradley Hayes  
217-785-5500  
Division of Ecosystems & Environment

#### **Government Jurisdiction**

Village of Glen Ellyn  
Staci Springer  
535 Duane Street  
Glen Ellyn, Illinois 60137

#### **Disclaimer**

The Illinois Natural Heritage Database cannot provide a conclusive statement on the presence, absence, or condition of natural resources in Illinois. This review reflects the information existing in the Database at the time of this inquiry, and should not be regarded as a final statement on the site being considered, nor should it be a substitute for detailed site surveys or field surveys required for environmental assessments. If additional protected resources are encountered during the project's implementation, compliance with applicable statutes and regulations is required.

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1. The IDNR EcoCAT website was developed so that units of local government, state agencies and the public could request information or begin natural resource consultations on-line for the Illinois Endangered Species Protection Act, Illinois Natural Areas Preservation Act, and Illinois Interagency Wetland Policy Act. EcoCAT uses databases, Geographic Information System mapping, and a set of programmed decision rules to determine if proposed actions are in the vicinity of protected natural resources. By indicating your agreement to the Terms of Use for this application, you warrant that you will not use this web site for any other purpose.

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Plan Commission  
535 Duane Street  
Glen Ellyn, IL 60137

Meeting: 12/12/19 07:00 PM  
Department: Plan Commission  
Department Head: Katie Ashbaugh  
Category: Public Hearing  
Prepared By: Katie Ashbaugh

SCHEDULED

AGENDA ITEM (ID # 4256)

DOC ID: 4256

## 535 Duane Street & 423 N. Main Street | Glen Ellyn Civic Center Public Parking Garage | Planned Unit Development and Associated Special Uses

**PETITIONER:** The petitioner is M.A. Mortenson Company (Mortenson), on behalf of the Village of Glen Ellyn, owners of the properties located at 535 Duane Street and 423 N. Main Street.

**REQUEST:** Recommendation of approval of the following:

1. A Special Use Permit for a Planned Unit Development on the properties located at 535 Duane Street and 423 N. Main Street in accordance with Section 10-10-15 of the Glen Ellyn Zoning Code.<sup>1</sup>
2. The following zoning deviations from the Glen Ellyn Zoning Code:
  - a. Section 10-4-17-2(D)(1)(c) to allow a public parking garage to encroach approximately 15 feet 10 inches into the required 20-foot rear yard and to not require landscaping as a visual buffer in said rear yard from residential uses located at 542 Hillside Avenue, 538 Hillside Avenue, and 413 N. Main Street;
  - b. Section 10-4-17-2(D)(1)(c) to allow a public parking garage to encroach approximately 6 feet 10 inches into the required 20-foot rear yard and to not require landscaping as a visual buffer in said rear yard from residential uses located at 419 N. Main Street;
  - c. Section 10-4-17-2(D)(1)(d) to allow a public parking garage to encroach approximately 9 feet 3 inches into the required 20-foot side yard and to not require landscaping as a visual buffer in the required 20-foot side yard from residential uses located at 419 N. Main Street;
  - d. Section 10-5-8(I) to allow double rows of 90-degree parking stall modules to be a length of 60 feet where 63 feet is required, with a parking stall length of 18 feet where 19 feet is required and drive aisle widths of 24 feet where 25 feet is required inside the proposed parking garage;
  - e. Section 10-5-8(H) to allow a landscape island to be 6 feet wide where a width of 9 feet is required on the proposed surface parking lot;
  - f. Section 10-4-17-2(E)(1) to allow the proposed parking garage to not have a "step back" of 15 feet where the building is taller than 45 feet;
  - g. Section 10-5-13(L)(3) to not require an opaque screen between the heights of 6 and 7 feet along the side and rear lot lines adjacent to residential uses located at 542 Hillside Avenue, 538 Hillside Avenue,



- and above the ground floor at 413 N. Main Street, 419 N. Main Street, and 421 N. Main Street;
- h. Section 10-5-13(M)(2)(a)(1) to allow foot-candle levels adjacent to residential uses located at 413 N. Main Street, 419 N. Main Street, and 421 N. Main Street to exceed 0.5 foot-candles and be of a level deemed reasonable and necessary for minimum security and safety purposes by the Community Development Director;
  - i. Any other deviations necessary to construct the development as depicted on the plans presented and available for public review.
- 3. A Special Use Permit in accordance with Section 10-10-14 of the Zoning Code to allow a public use on the properties located at 535 Duane Street and 423 N. Main Street even though the Village does not believe this is necessary. (See footnote 1 at the end of this report).
  - 4. A Special Use Permit in accordance with Section 10-10-14 of the Zoning Code to allow a public parking garage on the property located at 535 Duane Street even though it is not required in the C5 Central Business District. Normally, a parking garage requires its own Special Use, but not in the C5 Central Business District where it is rolled into the overall Planned Unit Development that encompasses all special uses even though the Village does not believe this is necessary. (See footnote 1 at the end of this report).

#### SITE CONDITIONS:

The subject properties are located on the south side of Duane Street, midblock between Main Street and Forest Avenue. The total site is comprised of just over one and three-quarters (1.78) acres, with approximately 264 feet of frontage on Duane Street and approximately 23 feet of frontage along Main Street.

#### 535 Duane Street

The property located at 535 Duane Street, which is occupied by the Glen Ellyn Civic Center, is zoned C5B - Central Service Subdistrict. The property is approximately one and three-quarters (1.71) acres in area. The existing three-story principal structure on the property functions primarily as an office building for the Village of Glen Ellyn with secondary users being Innovation DuPage (first floor, partial) and the Business Development Center (second floor, partial). Other incidental uses include room rentals for meeting space and gym rental for various sports practices and the like. The building footprint is approximately 18,500 square feet, with an approximate height of 100 feet when measured to the top of the cupola's lightning rod, on top of the clock tower.

The property is accessed by an existing 26 foot wide, full access curb cut on

Duane Street, which leads to the existing 75-stall parking lot. Four dumpsters are enclosed immediately to the south of the building and are also used by some of the adjacent businesses to the west. Fourteen trees are located throughout the property.

423 N. Main Street

The property located at 423 N. Main Street is zoned C5A - Central Retail Subdistrict. The property is approximately 0.07 acres in area. An existing commercial building, previously occupied by the Shonkwiler real estate business, and attached residential building immediately to the east of the Shonkwiler building, have a combined footprint of approximately 2,050 square feet. One tree is located immediately to the east of the residential building. Both structures are vacant.

| <u>Surrounding Land Uses</u>                               | <u>Zoning</u>     |
|------------------------------------------------------------|-------------------|
| North: Commercial                                          | C5A and C5B       |
| South: Commercial, Apartments<br>Single Family Residential | C5A and C5B<br>R2 |
| East: Church (First United Methodist Church)               | C5B               |
| West: Commercial, Apartments                               | C5A               |

Please see Attachment 2, Location & Zoning Map.

PUBLIC  
NOTICE:

Notice of the public hearing was published in the November 27, 2019 edition of the Daily Herald and mailed to property owners within 350 feet of the subject properties. A placard was placed on each property's frontages, one on Duane Street and one on Main Street.

SITE HISTORY:

In 1927, the existing principal structure was constructed and used as the Duane Street Junior High School. In 1970, the Village purchased the property from School District 41 and subsequently modified the interior for use as the central municipal government office for the Village. In 1995, the Village designated the entire property located at 535 Duane Street as a Glen Ellyn Landmark (Attachment 44). In summer of 2019, the Village completed renovations and welcomed the Business Development Center and Innovation DuPage as additional tenants to fulfill initiatives of the 2009 Downtown Strategic Plan.

PROJECT  
HISTORY:

In 2013, the Village commissioned a Streetscape Plan & Parking Study (Attachment 38) as recommended by the Downtown Plan and to further enhance the existing public realm of the downtown and available parking.

In December 2017, the Village Board reviewed six alternative sites for a

future public parking garage as recommended in the Streetscape Plan & Parking Study. Three were to the north of the Union Pacific West rail line, and three were to the south. Of these six sites presented to the Village Board as possible locations, staff recommended the following three: 1) to the north of the Metra line, a property south of the intersection at Crescent and Glenwood; 2) to the south of the Metra line, the Village-owned Main Street parking lot; and 3) second to the south of the Metra line, behind the Civic Center.

The Village Board concluded that constructing a Village-owned public parking garage to the south of the Metra line on the Civic Center property was the best alternative. In November of 2018, the Village selected the petitioner, M.A. Mortenson Co., as the design-build consultant for the proposed parking garage south of the Civic Center building at 535 Duane Street.

For a complete history of the project, please refer to Attachment 43, which includes all applicable Village Board meeting materials and meeting minutes.

#### PROJECT SUMMARY:

Mortenson, on behalf of the Village, is proposing a four-story public parking garage that would provide 277 parking stalls. The garage is proposed to have five tiers of parking, one of which is underground. In addition to the garage, a short row of ten surface parking stalls are proposed, along the west side of the driveway from Duane Street. This results in a total of 287 parking stalls provided on the Civic Center property and a net gain of 212 stalls.

#### Site Design

##### Building Placement

The parking garage is proposed six (6) feet four (4) inches south of the existing Civic Center building. Below is a summary of the required and proposed setbacks:

West interior side and rear lot lines, adjacent to mixed use (commercial and residential), C5A District

- Required: 20 feet from properties zoned for residential use
- Proposed: 13 feet 2 inches and 10 feet 9 inches, respectively

South rear lot line, adjacent to mixed use (commercial and residential), C5A and C5B Districts, and single-family residential, R2 District

- Required: 20 feet from properties zoned for residential use
- Proposed: 4 feet 2 inches

East interior side lot line, adjacent to church, C5B District

- Required: 0 feet

- Proposed: 5 feet

In addition to the required 20 foot setbacks, a landscape buffer is also required [Sections 10-4-17-2(D)(1) and 10-5-13(L)(3)]. Deviations from these requirements are requested from properties zoned C5A and C5B as a conservative measure with known residential uses. The Village historically has not required deviations from these requirements for residential uses in the C5A and C5B districts because they are commercial districts.

#### Vehicular Access to the Properties

The existing primary access point to Duane Street from 535 Duane Street consists of an approximately 26-foot wide curb cut with a 32-foot wide drive aisle behind the row of parking stalls along the east property line. The curb cut is proposed to be reduced from 26 feet to the standard width required for full access, 24 feet.

A 10-foot wide depressed curb cut with driveway flares is proposed to connect the 423 N. Main Street property to Main Street. This curb cut is provided to allow privately contracted grease trucks to access the grease traps of the adjacent restaurants on the east side of Main Street. Through vehicle traffic will be prohibited.

#### Pedestrian Access to the Parking Garage

Three points of access are provided for pedestrians. The first and most prominent access point is located at the north tower, which contains an elevator and staircase. This access point is intended to serve as the primary entry and exit from the parking garage for employees and visitors of the Civic Center and Metra commuters. The secondary access point is located at the west tower, which contains a staircase. This access point is intended to serve downtown employees and visitors, as well as downtown residents of the adjacent apartments. Finally, an open-air access point is provided on the west elevation behind 421 N. Main Street (Nobel House) to connect directly to the ADA parking stalls on the ground, at-grade parking level.

#### Loading Space

Given that the Civic Center is an existing building and is not being altered in relation to this project, a loading space or spaces is not required for this project.

#### Site Amenities & Streetscape Elements

A small public space and informal gathering area is proposed at the center of the 535 Duane Street property in between the Civic Center building and proposed parking garage, adjacent to the rear pedestrian access to the Civic Center building. Attachment 31 depicts potential site furniture to illustrate how the area may be used. No permanent structures are proposed to be

installed at this time. This area will be connected to the public space to the west of the Civic Center building by the previously mentioned six foot four inch wide pathway in between the Civic Center building and the proposed garage. This pathway will be covered by an arbor-type, decorative structure that will include decorative, low level lighting (Attachment 31).

To the west of the Civic Center building and northwest of the parking garage on the property where the vacant Shonkwiler office and residential buildings currently sit, a public pathway and gathering area is proposed to serve as a connection point to Main Street. Attachment 31 depicts an outdoor dining area, lighting and moveable landscaping to illustrate how the area may be used. Final materials, safety features, and lighting of this area will be provided at the time of Final Planned Unit Development Plan submittal for Phase 2.

No changes are proposed at this time in the area north of the Civic Center building. The design and use of this space is being considered in conjunction with the downtown streetscape improvements. At this time, it is possible that the historic horse trough formerly located at Main Street and Crescent Boulevard, which is currently being refurbished, may be relocated to this area. Final materials and site layout of this area will be provided at the time of Final Planned Unit Development Plan submittal for Phase 2.

#### Lighting

The petitioner is requesting a deviation from the exterior illumination standards to allow higher foot candles along the west (interior side) and south (rear) property lines than is permitted. Section 10-5-13(M)(2)(a)(1) requires no more than 0.5 foot-candles at the property line at ground-level when adjacent to residential uses. The highest foot-candle level on any property line adjacent to a mixed use (commercial and residential) building is 5.9 foot-candles, which is adjacent to 421 N. Main Street to the west (Sushi Ukai, apartments; C5A). This area is designated as a walkway for public use by users of the parking garage. The highest foot-candle level adjacent to a single-family residential use is 0.1 foot-candles, adjacent to the single-family homes located at 538 and 542 Hillside Avenue to the south. The petitioner cites three publications from the Illuminating Engineering Society of North America (IESNA), which state that light levels for public areas and walkways should be at least 0.6 to 1.0 foot-candles (Attachment 33).

#### Landscaping

The petitioner is incorporating landscaping into Phase 1 of the project, primarily along the east property line. A few landscape beds are proposed in the central gathering space in between the Civic Center building and the garage. Landscaping for Phase 2 will be determined at the time of Final Planned Unit Development submittal.

As noted in the Building Placement subsection above, a landscape buffer is required along property lines adjacent to properties zoned for residential uses. Landscaping is not provided along the west and south property lines adjacent to the Main Street properties as the area is designated as a public walkway for users of the parking garage. Landscaping is also not provided along the south property line adjacent to the two single-family homes on Hillside Avenue at the preference of the property owners. The Village agreed to allow the property owners use of the nearly five foot wide strip of land as an extension of their respective backyards in exchange for the demolition of the existing fences along their north (rear) property lines.

#### Refuse

A common garbage and refuse area is proposed immediately to the east of the central public space and gathering area in between the Civic Center building and the parking garage. Multiple locations were evaluated at length by Village staff and Mortenson. This location best suited the needs of the garbage truck while allowing for the necessary placement and footprint of the parking garage. The Village will continue to share garage pick up services with the Main Street businesses.

Garbage and refuse areas are required to be screened on commercial, non-residential, and multi-family properties. The screening must consist of walls constructed of the same materials as the principal structure on a zoning lot and be of a height no greater than eight feet unless otherwise permitted as part of the Special Use or Special Use for a Planned Unit Development. Because the proposed garbage and refuse screening will be constructed in conjunction with the parking garage, the materials will be brick and precast concrete to match the garage with a height of six feet four inches (Attachment 27). Please see the Building Elevations & Materials subsection for additional details of the proposed materials.

#### Snow Removal

Snow removal operations for the proposed garage's top tier (open roof), of parking were reviewed by Mortenson and the design team in collaboration with Village staff during the project design development. Two alternatives were developed, the first was hauling the snow off site. The second requires a snow melting machine to melt the snow on the top tier (roof) and discharge the resulting water to the garage's stormwater drainage system. Staff continues to review both alternatives, but intends to implement the haul off method on a trial basis. Both alternatives will require temporary closure of the parking stalls on the top tier (roof) to allow for snow removal to be completed following snow events.

#### Building Design

##### Building Height

The maximum height of the proposed parking garage is approximately 58 feet 8 inches, measured from average existing grade to the top of the light poles on the top tier (roof). Because this height is shorter than the maximum height of the Civic Center, which is 100 feet to the top of the lightning rod, the proposed maximum height is compliant.

The next highest point of the parking garage is 50 feet 8 inches, measured from average existing grade to the top of the north tower. Finally, the third highest point of the parking garage is the parapet wall along the top tier, which is approximately 40 feet. Buildings taller than 45 feet in the C5B district are required to have a 15 foot “step back” from the front elevation when the building is taller than 45 feet [Section 10-4-17-2(E)(1)]. Therefore, a deviation is required to allow the north tower to not have a “step back” from the front (north) elevation.

#### Building Elevations & Materials

The Exterior Appearance review will be conducted by Village staff and staff will make a recommendation to the Village Board. The Village Board will make a final determination on the Exterior Appearance. However, information on the building materials and architecture is briefly mentioned here for the benefit of the public.

Although the parking garage has limited visibility from the right-of-way, it has been designed to complement the architecture of the Civic Center building through the use of similar building materials and design features. Only 45 feet of the north elevation is visible from Duane Street and it is not visible from Main Street. The following primary materials (Attachments 27, 28) are proposed to correspond with the Civic Center:

1. Precast concrete to match Indiana Buff Limestone of the existing Civic Center;
2. Endicott thin brick, in both a running bond and basketweave pattern to match two of the Civic Center brick patterns; and
3. Black metal light fixtures (Attachment 33)

In conjunction with the above similar materials, the following design elements further relate the parking garage to the Civic Center:

1. Architectural articulation and basketweave patterned brick in the wall panels of the façade to reduce the appearance of building mass;
2. Multi-light mullion windows;
3. Detailed imitation-limestone cornices along the rooflines (pre-cast concrete); and
4. Tall narrow fenestration arranged in an evenly spaced horizontal pattern.



Please refer to the HPC Review section for additional information on the Historic Preservation Commission's review of the Application for an Exterior Alteration to a Landmarked structure. This review primarily focused on the exterior appearance of the parking garage and its compatibility with the existing Civic Center building.

#### Lot Coverage

The maximum lot coverage of roofed structures for commercial PUDs is 65 percent [Section 10-7-9(D)]. The proposed total lot coverage of roofed structures for the subject PUD, including the existing Civic Center building and the proposed public parking garage, is approximately 54 percent and is therefore in conformance with this requirement.

#### Parking Design - Floor Plans

All 277 of the parking stalls inside the garage are 90-degree stalls. The required parking module length for 90-degree stalls is 63 feet, consisting of two 19-foot long stalls and one drive aisle with a width of 25 feet [10-5-8(1)]. The proposed parking module length throughout the garage is 60 feet, consisting of two 18-foot long stalls and one center drive aisle with a width of 24 feet, requiring a deviation (Attachment 26). These are typically dimensions that have been allowed throughout the Village and are common in most other communities. Furthermore, the recommended minimum width of 90-degree double loaded parking modules is 59 feet in the ULI Dimensions of Parking, Fifth Edition. The proposed module exceeds this recommendation by one foot.

#### Parking Allocation

As noted in the Site History section, the Civic Center building is used primarily by Village employees, Innovation DuPage, and the Business Development Center as office space during business hours. As part of its overall management of downtown public parking, the Village oversees the allocation of parking permits on the 535 Duane Street property.

#### Parking Demand

In general, overall parking demand in Glen Ellyn is somewhat hard to quantify and all downtown areas have different demands. Commuters, employees, residents, and customers have many different needs. Currently, the "first available" commuter wait list is three years (889 people) which does not include any non-residents.

The downtown business employee permit parking waiting list is estimated at 25 businesses. Most of the businesses on the list are requesting additional parking beyond what has already been allocated to them. On a case by case basis, staff works with businesses to understand their needs and provide what parking is available and has established some restrictions to ensure all

businesses are treated fairly. The Alliance and the Chamber have been advocating for additional employee parking in the downtown as well as encouraging the Village to consider a parking structure(s) to further enhance the downtown commercial district.

In addition, the number of new businesses in the downtown has increased in the past few years and will be increasing in the immediate future. The Village has seen an increase in restaurants in the downtown which creates higher demand both for employees as well as customers. Over the last five years, over 10 new or expanded restaurants have opened or are planned to open in the CBD. Additionally, parking is necessary not only for existing and future businesses, but for special events and to fulfill the Village goal of becoming an 18-hour downtown. The success of the Chamber and Downtown Alliance have led to successful downtown events and this will likely continue and needs to be supported from a parking perspective. Innovation DuPage (ID) and the Business Development Center are new tenants in the Civic Center and host special events, thereby requiring additional parking. Lastly, the 2009 Downtown Plan recommended a minimum of an additional 400 residential units in the downtown. As we see more residential growth, visitor parking and overflow parking to support this residential development might also be necessary. The 2017 Community Survey asked for feedback on supporting a parking structure and 75 percent strongly or somewhat supported the concept.

Although final parking permit allocation for the proposed garage is in review, Village staff and the Village Board have developed a preliminary plan to allocate new parking spaces. Below is a brief chart depicting this potential plan. As part of this plan, some commuter parking north of the tracks would be relocated to the garage which frees up additional parking for customers and merchants on the north side. This plan would evolve and be modified as the needs change in and around the downtown. In short, staff believes the proposed garage would meet some of the needs of the commuters, customers, merchants, Village/ID and overnight residential parking and provide greater parking flexibility in the CBD.

| <b>PARKING GARAGE COMPOSITION – TENTATIVE</b>            |                      |                    |                       |                                                                                                                                |
|----------------------------------------------------------|----------------------|--------------------|-----------------------|--------------------------------------------------------------------------------------------------------------------------------|
| <b>Level (Tier)</b>                                      | <b>Use</b>           | <b># of Stalls</b> | <b>Oversell Total</b> | <b>Notes</b>                                                                                                                   |
| Lower                                                    | ID; VGE staff        | 45                 |                       | Sufficient to meet needs                                                                                                       |
| Ground                                                   | Customers            |                    |                       | 3 hours parking (similar to street parking)                                                                                    |
| Second                                                   | Merchants; Customers |                    |                       | Combination of merchant parking and customers                                                                                  |
| Third                                                    | Commuter             |                    |                       | All net new; Customers free after 11am; See Note 1 below; Customers free after 11am and weekends                               |
| Top                                                      | Commuter             |                    |                       | All net new; customers free after 11am; See Note 1 below; Customers free after 11am and weekends                               |
|                                                          | Commuter Spaces      | 90                 | 126                   | Typically oversell by 40%; Waiting list is decreased and provides opportunity to shift commuters from north side commuter lots |
|                                                          | Total Space Estimate | 225                |                       | Total estimate does not include surface parking outside of garage                                                              |
| Other Notes:                                             |                      |                    |                       |                                                                                                                                |
| 1. Move 40 Penn West commuter to CC garage               |                      |                    |                       |                                                                                                                                |
| 2. Overnight parking permits would be sold for CC garage |                      |                    |                       |                                                                                                                                |

### Signs

At the direction of the Village, Mortenson is proposing two signs associated with the project. Both signs are considered municipal signs per Section 4-5-3 of the Sign Code and are exempt from sign permit review per Section 4-5-6 of the Sign Code. One sign is proposed on the north elevation of the proposed garage, above the vehicle entrance and exit (Attachments 27, 30). The second sign is proposed at the northeast corner of the property (Attachment 20). Please note that the precise location and sign elevations of the second sign, which may include the incorporation of counters to indicate available parking stalls, are not yet finalized.

### Traffic

The traffic impact study (Attachment 34) assumes that the additional vehicles to park on site are all new vehicles parking in the downtown. As noted in the Parking Allocation subsection, some of the existing Metra parking permits will be relocated to the upper levels of the garage to create more customer parking north of the UP-West rail line.

Taking this into consideration, the traffic study conservatively projects that 118 new on-site trips will be generated during morning peak hours (7:15am - 8:15am) and 137 new departing trips will be generated during evening peak hours (5:00pm - 6:00pm). This excludes current Civic Center employees, Innovation DuPage, Business Development Center staff, downtown employees, and other visitors. This projection was also based on a total of 300 parking stalls being constructed, with 60 serving the Civic Center, 60 serving downtown employees, and the remainder serving Metra commuters. The parking garage now is proposed to have 277 stalls with an additional row of ten stalls as a surface lot. Although the traffic study was not updated to reflect the new total, and programming for the parking allocation is in review, it is reasonable to conclude that a marginal decrease to the initial projection of new trips would occur.

The Village traffic consultant concluded that the overall traffic generation by this development is low with delays projected to increase by only a few seconds. Delays will continue as usual when the railroad gates are down just north of Duane Street. Part 4, Analyses, of the traffic study (pages 16-18, Attachment 34) provides additional detail of this effect. The Vehicular Traffic Impact section of the review memo from the Village traffic consultant dated June 12, 2019 also provides a more detailed analysis of the projected traffic impact of the proposed garage (Attachment 35).

#### Phasing Plan

The entire project area, which consists of 535 Duane Street and 423 N. Main Street, is included in the Preliminary Planned Unit Development Plan. The Final PUD is divided into two phases, Phase 1 and 2. Please see Attachment 19 for an exhibit clearly demarcating these two phases.

Phase 1 of the Final PUD consists of approximately one and a half acres, and is about 89 percent of the 535 Duane Street property. This phase includes the area to the east of the Civic Center building, encompassing the primary driveway from Duane Street and extending south to cover the entire southern portion of the property where the parking garage is proposed. The petitioner is requesting Final Planned Unit Development approval of Phase 1 at this time.

Phase 2 of the Final PUD consists of just over a quarter of an acre (0.27 acres) and includes the remaining eleven percent of the 535 Duane Street property (0.20 acres) located north of the Civic Center building, and the entire 423 N. Main Street property (0.07 acres) located west of the Civic Center building. The plans for the front lawn area to the north of the Civic Center building and the public space for the entire 423 N. Main Street property are not yet complete; therefore, only Preliminary Planned Unit

Development approval is being requested for Phase 2 at this time. Phase 2 will come before the Commission for Final Planned Unit Development approval when the plans have been finalized.

#### Two-Lot Subdivision

The petitioner is also requesting approval of a Two-Lot Subdivision in conjunction with the related requests for zoning relief. Per Section 11-3-9 of the Subdivision Code, the Community Development Director may review and approve applications for two-lot subdivisions, provided that no variations from the Zoning Code or Subdivision Code are required and that the proposed subdivision complies with the policy and purpose of the Subdivision Code.

The properties located at 535 Duane Street and 423 N. Main Street consist of approximately four different legal lots of record. The two-lot subdivision plat will create two lots of record: one being the property commonly known as 535 Duane Street and the other being the property commonly known as 423 N. Main Street. Please see the Staff Recommendations subsection for the suggested conditions of approval which relate to the Two-Lot Subdivision to be administratively approved by the Community Development Director.

#### HPC REVIEW:

As noted in the Site History section, the property located at 535 Duane Street in its entirety is a designated Landmark. Per Section 2-13-10 of the Village Code, any exterior alteration to a landmarked structure requires approval from the Historic Preservation Commission (HPC). Although no alterations or changes are proposed to the existing Civic Center building, the adopting ordinance states that the property itself, known as the Glen Ellyn Civic Center, was nominated for the designation, not simply the building or structure. Therefore, an Application for Exterior Alteration to a Landmarked Structure and required materials were filed and subsequently reviewed by the Community Development Department.

On September 19, 2019, the HPC held a public meeting to review the request, and approved it by a vote of 4-0 with one abstention. The HPC found that the request met the following criteria, as listed in Section 2-13-10 of the Village Code:

1. That the Alteration to the property will not adversely affect any significant historical or architectural feature of the Landmarked Property;
2. That the Alteration meets the applicable Standards for Rehabilitation set forth by the United States Secretary of the Interior, 36 CFR 67, as amended, in that there is no alteration proposed to the Civic Center structure itself; and
3. That the Alteration to the property has followed the Commission's

published procedures and regulations.

To review the complete HPC meeting packet and approved meeting minutes, please refer to Attachment 44.

**PROJECT  
BENEFITS:**

The proposed project aligns with many of the recommendations in the Village's long term plans and could have a number of potential benefits, including:

**Overall Benefits**

1. The project meets Strategic Issue I of the Village Board approved 2018-2020 Strategic Plan, which is as follows: Invest in infrastructure to meet key needs, including downtown accessibility, Village facilities, streets, utility, and technology improvements.
2. The project proposes an additional 212 parking stalls for the site. The 2013 Streetscape and Parking Study shows 80-89 percent occupancy of the Civic Center parking lot and the nearby on-street spaces on Saturday evenings.
3. As recommended in the 2013 Streetscape and Parking Study, the parking garage provides additional public parking on the south side of the tracks with a total net gain of 212 parking stalls.
4. The project is within close proximity to an area with the highest demand for downtown customer and employee parking, driven by various restaurants. The downtown has had ten businesses open or expand in the last five years. More than 25 businesses have requested additional parking permits and 52 are on the waiting list.

**Transportation System Benefits**

1. The project is within close proximity to the Metra station, which makes it ideal for commuters. The upcoming new station and pedestrian tunnel will enhance the potential use of the parking garage for commuters. The Village was recently awarded \$14.4 million dollars in federal grant money to build the new Metra station and the associated pedestrian tunnel. Construction of the Metra station and tunnel is planned to begin in fall of 2023.
5. Because some current Metra parking permits from surface lots north of the tracks will be relocated to the proposed garage, additional parking will be available for downtown employees and visitors north of the tracks.
6. New Metra parking permits in addition to the portion being relocated will be allocated to the proposed garage, relieving the wait list and increasing permit revenue. The wait list for Metra parking permits is currently three to four years with 889 residents on the list to date.
7. Apartment residents that frequently encounter conflicts with existing parking regulations in regard to location and time limits will now have

flexibility previously not able to be provided.

Site Function & Design Benefits

8. Four of the five tiers of parking would be covered, with 46 stalls being exposed on the top tier as opposed to the existing 75 uncovered stalls on the current surface parking lot. With the ten surface lot spaces along the driveway, only 56 stalls would be uncovered with 231 being covered.
9. The project provides attractive onsite amenities for use by the public, as well as the Village, Innovation DuPage, and Business Development Center employees.
10. Existing stormwater drainage issues will be corrected with the installation of new stormwater management infrastructure in accordance with the DuPage County Stormwater Ordinance and Village stormwater requirements.
11. The public space to replace the Shonkwiler office residential buildings will provide direct pedestrian access from the parking garage to Main Street businesses.
12. The public space replacing the Shonkwiler office and residential buildings could also be used for outdoor seating or other small events.
13. The public space will also provide an area which can be used for public art installations on both a permanent and temporary basis, creating a destination south of the railroad tracks.

Staff Recommendations

Staff would suggest the following conditions be considered by the Plan Commission if the project is recommended for approval:

1. That the project be constructed, maintained, and operated in substantial conformance with the plans and testimony presented at the Plan Commission public hearing and before the Village Board of Trustees;
2. That prior to the issuance of a building permit, a construction management plan must be prepared, reviewed at a pre-construction meeting, and approved by the Police, Fire, Public Works and Community Development Departments;
3. That any changes to pavement materials approved as part of the Final Planned Unit Development Plan for Phase 1 in relation to the Village Board approved streetscape design be permitted, provided that stormwater calculations are consistent with those approved on the attached plans or are otherwise approved by the Development Civil Engineer;
4. That the Two-Lot Subdivision associated with this project be administratively approved by the Community Development Director and recorded prior to the issuance of any building permits;
5. That all required temporary construction and perpetual easements on private property be secured prior to the issuance of any building permits;



6. That the perpetual easement along the south property line of 535 Duane Street not under Village ownership or control be released prior to the issuance of any building permits and its release be reflected on the required Two-Lot Subdivision to be administratively approved by the Community Development Director; and
7. That all floor plans, elevations, and other architectural plans be consistent with one another to the satisfaction of the Building & Zoning Official.

PLAN  
COMMISSION  
ACTION:

The Plan Commission should consider the petitioner's requests for approval of the following:

1. A Preliminary Planned Unit Development Plan with Deviations for the properties located at 535 Duane Street and 423 N. Main Street;
2. A Final Planned Unit Development Plan for Phase 1 as demarcated on the Attachments 20, 21, and other related plans submitted for this request;
3. A Special Use Permit to allow a public use on the properties located at 535 Duane Street and 423 N. Main Street; and
4. A Special Use Permit to allow a public parking garage on the property located at 535 Duane Street.

Upon considering each of these requests, the Commission should make a recommendation to the Village Board for approval, approval with conditions, or denial. Staff suggests that the Plan Commission consider the following conditions of approval as listed herein.

ATTACHMENTS:

1. Aerial Photo
2. Location & Zoning Map
3. Notice of Public Hearing
4. Mailing Labels for Public Hearing Notice
5. Location Map for Notification
6. Certificate of Publication
7. Petitioners Application for Preliminary PUD Approval
8. Petitioners Application for Final PUD Approval, Phase 1
9. Petitioners Application for Special Use Permit, Public Use, 535 Duane St. & 423 N. Main St.
10. Petitioners Application for Special Use Permit, Public Parking Garage, 535 Duane St.
11. Proof of Ownership
12. Affidavit of Authorization, dated 8/1/2019
13. IDNR Report
14. Quantitative Summary & List of Deviations (titled "Zoning Information" by Petitioner)
15. Alta Survey, dated 7/2/2019
16. Topographic Survey, dated 2/14/2019
17. Existing Conditions Plan, dated 7/2/2019

18. Demolition Plan, C-100, issue date 11/14/2019
19. Phasing Plan Exhibit (sheet C-200 modified by staff)
20. Preliminary Planned Unit Development Plan, C-200, issue date 11/14/2019
21. Final Planned Unit Development Plan, Phase 1 - C-201, issue date 11/14/2019
22. Utility Plan, C-300, issue date 11/14/2019
23. Grading & Paving Plan, C-400, issue date 11-14-2019
24. Landscape Plan & Details, L-100 - L-200, issue date 11/14/2019
25. Tree Preservation Plan, TP-100, issue date 11/14/2019
26. Floor Plans, Ground Tier - Top Tier, AG-101 - AG-105, issue date 11/14/2019
27. Building Elevations, A-200 - A-201, issue date 11/14/2019
28. Building Elevations, in color
29. Landscape Plan, in color
30. Renderings - Proposed Parking Garage
31. Renderings - Public Spaces & Pathways
32. Photometric Plan - Site, EP-600, issue date 11/14/2019
33. Light Level Deviation Justification & Light Fixture Cut Sheets
34. Traffic Impact Study, dated 4/15/2019
35. Memo from the Village's Traffic Consultant, dated 6/12/2019
36. Excerpts from 2001 Comprehensive Plan
37. Excerpts from the 2009 Downtown Strategic Plan
38. Excerpts from the 2013 Streetscape Plan & Parking Study
39. Exhibit A, Setbacks & Existing Average Grade
40. Exhibit B, Height
41. Exhibit C, Parking Modules
42. Exhibit D, Light Poles
43. History of Civic Center Parking Garage & Main Street Connection Development
44. September 19, 2019 Historic Preservation Commission Meeting Materials & Approved Minutes

1. PUDs are a distinctly different form of special use under the Village zoning code. PUDs are governed by Chapter 7 of the Village zoning code. Section 10-7-1 opens with a policy statement which reads, in relevant part:

10-7-1. - Policy statement.

- A. It is the policy of the Village to promote progressive development of land and construction thereon by encouraging more creative and imaginative design for land developments than is possible under the more conventional zoning regulations by allowing planned unit developments as a particular type of special use within each zoning district...

\*\*\*

- B. The following objectives may be obtained through the use of the planned unit development procedure:

1. To permit a maximum choice in the types of environment available to the public by allowing a variety of housing and/or commercial uses in a single development and permitting a flexible application of the individual district regulations for each use;

\*\*\*

- C. The planned unit development is intended to provide for developments incorporating a...variety of related uses which are planned and developed as a unit...

Section 10-7-2(A) of the PUD regulations then go on to state:

All unimproved land, redevelopments or additions to existing structures in the C5 district shall be developed *only* by the Planned Unit Development procedures.

Applying the foregoing, the PUD at issue in this application is its own “singular special use,” and the Chapter 4 independent special use procedures are not required for a C5 PUD redevelopment.

Section 10-7-2(C) of the PUD regulations goes on to clarify:

Where there is conflict between the provisions of this chapter and those of other chapters of this title, the provisions of this chapter shall prevail.

Section 10-7-9 of the PUD regulations then includes a provision titled “Allowable Uses,” which specifically provides that within the C5 zoning districts (both C5A and C5B), the special use for a PUD may include “any of the permitted or special uses allowed” in the C5 zoning districts. Both a “public use” and a “parking garage” are allowable uses if part of a C5 PUD. Section 10-7-9 further mandates that commercial buildings and establishments shall be planned as groups having common parking areas and common ingress and egress points in order to reduce the number of potential accident locations at intersections with thoroughfares.

As a C5 PUD, any of the uses that are either permitted uses or special uses are included in the single PUD special use proposed as a unified plan. Approval of a C5 PUD as a Chapter 7 special use does not require the separate processing of the additional Chapter 4 special uses required for a public use or a public garage. But the Plan Commission should understand that a recommendation to approve the special use for a PUD will also incorporate a recommendation that includes approval of a “public use” and “public garage.”

CC: Staci Springer, AICP, Community Development Director  
 Amy McKenna, PE, CFM, Development Civil Engineer  
 Rich Daubert, PE, Professional Engineer  
 Kelly Purvis, Planner  
 Dan Shoenberg, PE, Traffic Engineer  
 Bill Homer, Assistant Village Manager  
 Candace Small, AIA, Design Phase Manager, Mortenson

## ATTACHMENTS:

- 1. Aerial Photo (PDF)
- 2. Location - Zoning Map (PDF)
- 3. Notice for Public Hearing (PDF)
- 4. Mailing Labels for Public Hearing Notice (PDF)
- 5. Location Map for Notification (PDF)
- 6. Certificate of Publication (PDF)
- 7. Petitioner's Application for Preliminary PUD Approval (PDF)
- 8. Petitioner's Application for Final PUD Approval, Phase 1 (PDF)
- 9. Petitioner's Application for Special Use Permit, Public Use, 535 Duane St. & 423 N. Main St. (PDF)
- 10. Petitioner's Application for Special Use Permit, Public Parking Garage, 535 Duane St. (PDF)
- 11. Proof of Ownership (PDF)
- 12. Affidavit of Authorization (PDF)
- 13. IDNR Report (PDF)
- 14. Quantitative Summary - List of Deviations (PDF)
- 15. Alta Survey, dated 7-2-2019 (PDF)
- 16. Topographic Survey, dated 2-14-2019 (PDF)
- 17. Existing Conditions Plan, dated 7-2-2019 (PDF)
- 18. Demolition Plan - C-100, issue date 11-14-2019 (PDF)
- 19. Phasing Plan Exhibit, Sheet C-200 modified by staff (PDF)
- 20. Preliminary PUD Plan - C-201, issue 11-14-2019(PDF)
- 21. Final PUD Plan - Phase 1 - C-200, issue 11-14-2019 (PDF)
- 22. Site Utility Plan - C-300, issue date 11-14-2019 (PDF)
- 23. Grading and Paving Plan - C-400, issue date 11-14-2019 (PDF)
- 24. Landscape Plan and Details - L-100 - L-200, issue date 11-14-2019 (PDF)
- 25. Tree Preservation Plan - TP-100, issue date 11-14-2019 (PDF)
- 26. Floor Plans, Lower Tier - Top Tier, AG-101 - AG105, issue date 11-14-2019 (PDF)
- 27. Building Elevations - A-200 - A-201, issue date 11-14-2019 (PDF)
- 28. Elevations, in color (PDF)
- 29. Landscape Plan, in color (PDF)
- 30. Renderings - Proposed Parking Garage (PDF)
- 31. Renderings - Public Spaces, Pathways (PDF)
- 32. Site Photometrics, Phase 1 - EP-600, issue date 11-14-2019 (PDF)
- 33. Light Level Deviation Justification - Light Fixture Specs (PDF)
- 34. Traffic Impact Study, dated 4-15-2019 (PDF)
- 35. Memo from Village's Traffic Consultant, dated 6-12-2019 (PDF)

## Agenda Item (ID # 4256)

Meeting of December 12, 2019

- 36. Excerpts from 2001 Comprehensive Plan (PDF)
- 37. Excerpts from 2009 Downtown Strategic Plan (PDF)
- 38. Excerpts from 2013 Streetscape Plan - Parking Study (PDF)
- 39. Exhibit A, Setbacks - Average Existing Grade (PDF)
- 40. Exhibit B, Height (PDF)
- 41. Exhibit C, Parking Modules (PDF)
- 42. Exhibit D, Height - Light Poles (PDF)
- 43. Civic Center Parking Garage - Main Street Connection Development History (PDF)
- 44. September 19, 2019 Historic Preservation Commission Meeting Materials - Approved Minutes (PDF)

# Glen Ellyn Parking Garage Traffic Impact Study Downtown Glen Ellyn, Illinois

**Prepared For:**

Walker Parking

**Prepared by:**

Eriksson Engineering Associates, Ltd.



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# 1 – INTRODUCTION

This report summarizes the results of a transportation analysis for a proposed public parking garage in the downtown Glen Ellyn, Illinois. The garage site is located on the existing surface parking lot serving Village Hall with an existing access drive on Duane Street. The parking garage will be used by village hall employees, for employees of businesses in Downtown Glen Ellyn, for Metra commuters, and for visitors to the downtown.

Parking will be provided with five parking levels and have up to 300 parking spaces. The main access to the garage will be on Duane Street at the same location of the existing parking lot with some modifications. A potential secondary access to the east to Forest Avenue through the First United Methodist Church parking lot was also considered in this study.

**Figure 1** illustrates the site location and surrounding land-uses and roadways.

## Methodology

The purpose of this study was to identify the transportation system serving the site, to determine its transportation characteristics and to evaluate the need for improvements to support the proposed parking garage. The area studied in this report is bounded by Main Street to the west, Forest Avenue to the east, Hillside Street to the south, and Duane Street to the north. Data was collected on existing pedestrian and vehicular traffic volumes along with an inventory of traffic control devices, sidewalks, bike lanes, parking, and traffic lanes. Projections were made of future traffic volumes by the garage and nearby developments and combined with the existing traffic volumes. Analyses were conducted and recommendations developed to accommodate the development.

## Conclusions

The results of the preceding traffic study for the proposed garage developed the following conclusions and recommendations:

1. The proposed parking garage is projected have 196 to 192 vehicles entering or exiting the garage during the morning and evening peak-hour. This includes the existing Village Hall lot traffic which makes up 32% to 19% of the garage's total driveway volumes.
2. All intersections within the study area work at acceptable levels of service and delay. The street network can accommodate the additional traffic from the proposed project, nearby developments, and other traffic growth.
3. A secondary benefit of the garage to Downtown traffic conditions is the reduction of vehicles circulating on the adjacent streets looking for a vacant parking space.
4. In anticipation of the more commuter crossings of Duane Street at the existing crosswalk on the west side of Forest Avenue, pedestrian crossing signs should be provided.





Garage Location & Study Area

Figure 1



## 2 – EXISTING TRANSPORTATION NETWORK

### Site Location

The proposed parking garage is located at Glen Ellyn Village Hall on its surface parking lot east and south of the building. The garage site is bound by Village Hall and Duane Street to the north, First United Methodist Church to the east, single-family homes and a commercial building to the south, and commercial buildings facing Main Street to the west. The existing lot contains 74 spaces with one driveway on Duane Street.

### Existing Roadway Characteristics

A description of the study area roadways providing access to the site is illustrated on **Figure 2** and provided below:

**Main Street** is a north-south village arterial with one travel lane in each direction. At its intersection with Duane Street, Main Street has a right-turn and shared thru/left-turn lanes southbound. Northbound Main Street is under stop control with a single left/thru/right lane. At Hillside Avenue, one-way westbound, there is a three way stop controlled intersection with single lane approaches on Main Street. On-street parking is permitted on Main Street. It is under the jurisdiction of the Village of Glen Ellyn with a 30-mph speed limit.

**Duane Street** is an east-west community collector with one travel lane in each direction. At Main Street in both directions, both approaches have single lane and on-street parking. It is under the jurisdiction of the Village of Glen Ellyn with a 25-mph speed limit.

**Hillside Avenue** is an east-west community collector traveling one-way westbound with one travel lane and on-street parking on the north side. West of Main Street, it has on-street angled parking on the south side. There are stop signs at Forest Avenue and at Main Street. It is under the jurisdiction of the Village of Glen Ellyn with a 25-mph speed limit.

**Forest Avenue** is a north-south one-way southbound roadway. North of Duane Street, it is the exit for the Metra commuter parking and pick-up area with a separate left-turn lane and a shared thru/right-turn lane under stop sign control. No parking, except buses is permitted north of Forest Avenue. South of Duane Street, four-hour parking is permitted on the west side south of the church. Parking on Sundays is permitted in front of the church. It is under the jurisdiction of the Village of Glen Ellyn with a 25-mph speed limit.

### Pedestrians

The streets within the study area provide sidewalks on both sides. The intersections of Forest Avenue at Duane Street and Hillside Avenue at Main Street provide painted cross-walks on all four legs of each intersection. The intersection of Main Street at Duane Street provides painted crosswalks on the east, south, and west legs. The intersection of Forest Avenue at Hillside Avenue does not have painted crosswalks.

### Existing Vehicular and Pedestrian Volumes

Weekday morning (7:00 to 8:00 AM) and afternoon (4:00 to 6:00 PM) manual counts of pedestrians, bicyclists, and vehicles were conducted or obtained at the following study area intersections:

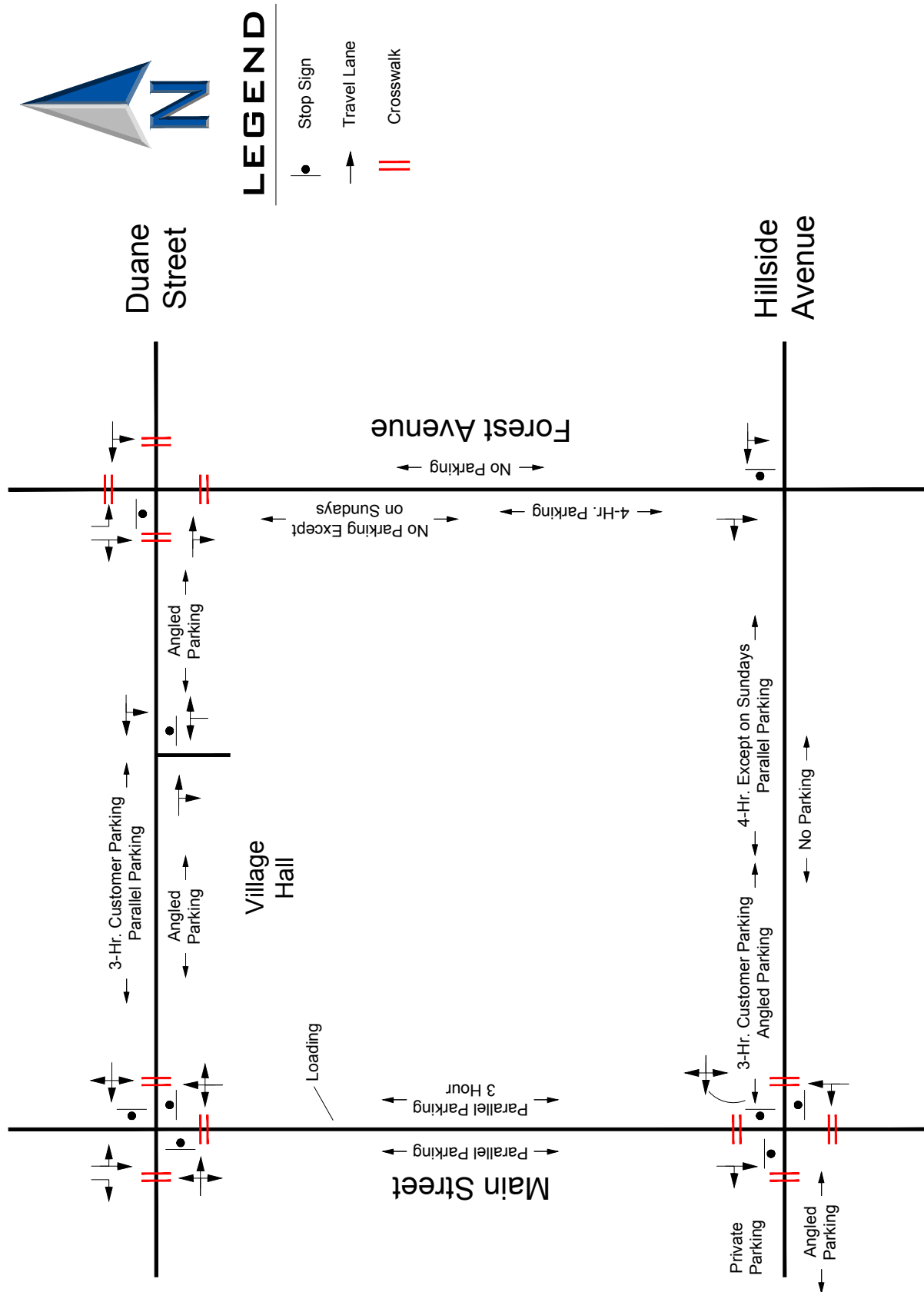
- Duane Street at Main Street, Village Hall Lot, and Forest Avenue
- Hillside Avenue at Main Street and Forest Avenue

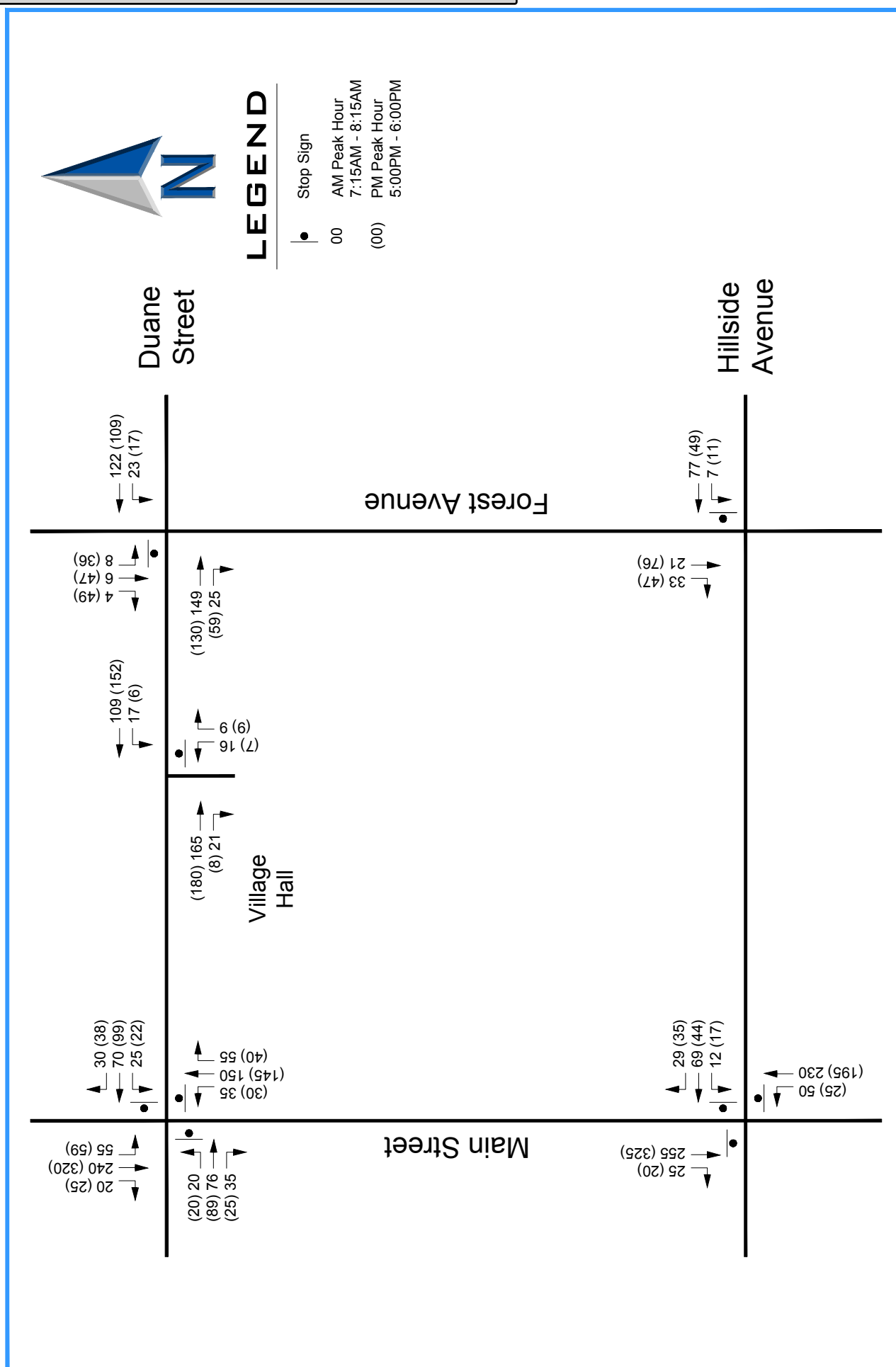
These counts showed the peak-hours of traffic occurring from 7:15 AM to 8:15 AM and 5:00 to 6:00 PM on a weekday. **Figures 3** and **4** illustrates the existing vehicular and pedestrian volumes respectively. Copies of the counts can be found in the **Appendix**.

# Existing Roadway Characteristics

## Figure 2

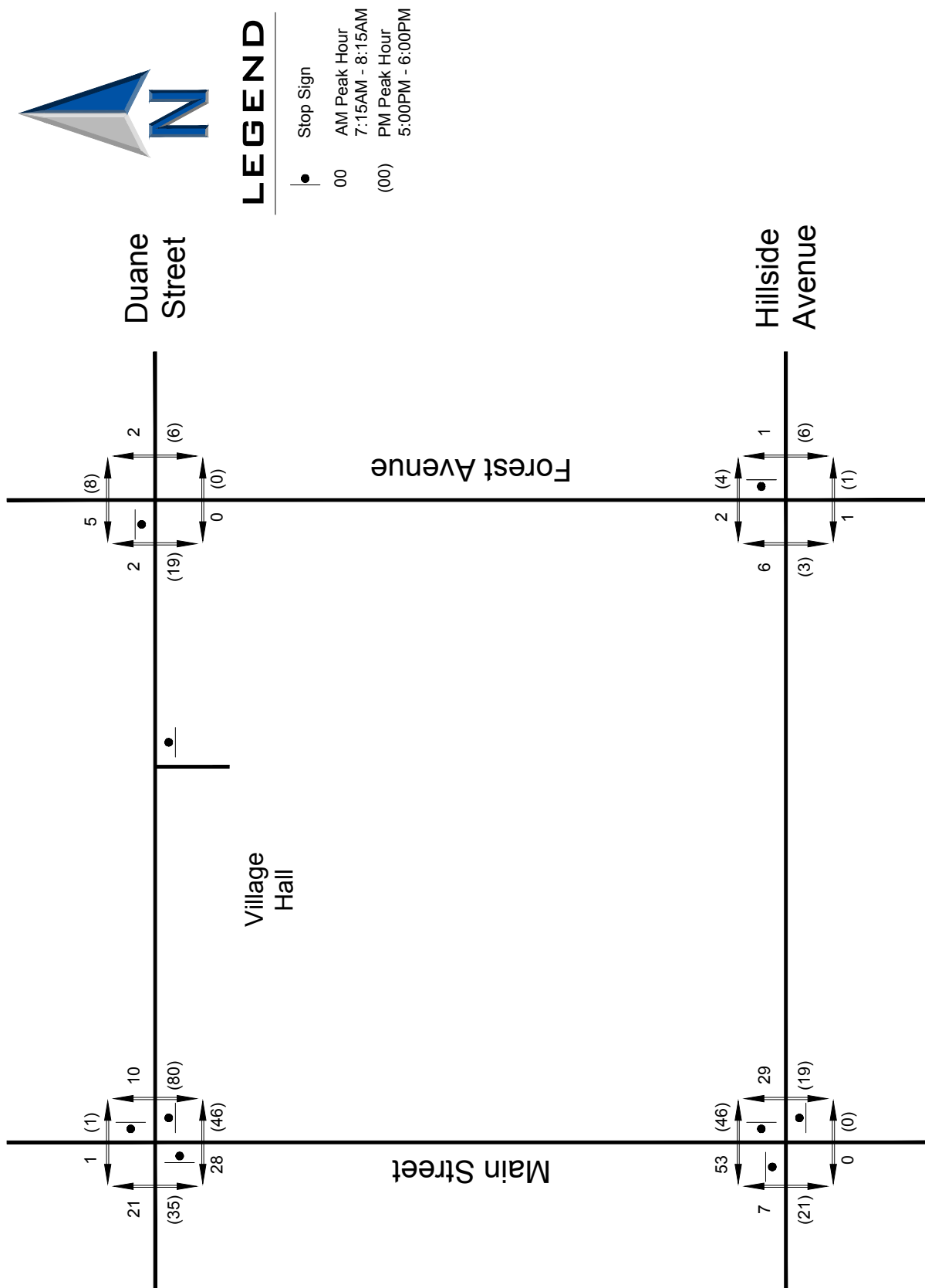
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# Existing Pedestrian Volumes

## Figure 4



### 3 - TRAFFIC CHARACTERISTICS

#### Existing and Proposed Use

The existing site for the garage is currently occupied by 74 spaces used by Glen Ellyn's Village Hall for its employees, municipal vehicles, and visitors. Access to these spaces is provided by one two-lane driveway on Duane Street under stop sign control.

The proposed parking garage will contain up to 300 parking spaces including a few surface spaces along the access aisle between the garage and Duane Street. Primary access to the garage will remain on Duane Street with the existing driveway reconstructed and moved to the west a few feet. Exiting traffic will be controlled by a stop sign. The users of the garage will be village hall employees and visitors, Metra commuters, and downtown business' employees and visitors.

This traffic study also analyzed secondary access to the garage from the east through the First United Methodist Church parking lot to Forest Avenue. Agreements have not been reached with the church at this time. As a result, future traffic conditions were studied with and without the Forest Avenue access.

#### Site Trip Generation

Vehicular volumes generated by each user within the parking garage were estimated from a combination of existing traffic counts, national trip generation data, and Metra boarding data. For the 60 spaces used by Village Hall and College of DuPage, the existing parking lot traffic counts were used along with an increase in visitor traffic. Please note that the College of DuPage's usage is mostly outside the peak commuter periods.

Trip estimates for the 60 downtown merchant's visitors (30 spaces) and employees (30 spaces) were based on national trip generation data for retail and restaurant users for the morning and evening peak periods. Use of the parking garage is expected to be used more during the day and in the evening outside peak hours traffic hours.

The largest component of the garage, 180 spaces, will be reserved for Metra parking commuters using the Glen Ellyn train station. Metra boarding data (2016) for the Glen Ellyn station was used to determine the highest peak hour boardings in the morning and evening as a percentage of the overall boardings. The results showed that 58% of commuters boarded in the morning and 62% exited in the evening during the peak 60-minute time period. To be conservative, the assumption that 60% of the commuters would arrive in a one-hour period (108 vehicles) and 65% would leave (117 vehicles).

The resulting traffic volumes projected for the parking garage is shown in **Table 1**. With the continued use of the garage for Village Hall, 32% of the morning volumes and 19% of the evening volumes are already on the road system. The net new traffic volumes ranged from 133 to 162 vehicles per hour for the remaining 240 spaces.

**Table 1**  
**Parking Garage Trip Generation Estimates**

| User                                                             | Number of Spaces | AM Peak Hour      |           |            | PM Peak Hour |            |            |
|------------------------------------------------------------------|------------------|-------------------|-----------|------------|--------------|------------|------------|
|                                                                  |                  | In                | Out       | Total      | In           | Out        | Total      |
| Village Hall/<br>College of DuPage                               | 60               | 38 <sup>(1)</sup> | 25        | 63         | 14           | 16         | 30         |
|                                                                  |                  | 5 <sup>(2)</sup>  | 5         | 10         | 5            | 5          | 10         |
| Downtown<br>Employees/Visitors                                   | 60               | 5                 | 5         | 10         | 15           | 15         | 30         |
| Commuters                                                        | 180              | 108               | 5         | 113        | 5            | 117        | 122        |
| <b>Total Garage Traffic Volumes</b>                              |                  | <b>156</b>        | <b>40</b> | <b>196</b> | <b>39</b>    | <b>153</b> | <b>192</b> |
| <b>Net New Traffic without<br/>Existing Village Hall Traffic</b> |                  | <b>118</b>        | <b>15</b> | <b>133</b> | <b>25</b>    | <b>137</b> | <b>162</b> |

(1) Existing Village Hall Lot traffic volumes (2) Additional Visitors

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To be conservative, the new garage traffic was considered as new traffic to the Downtown Glen Ellyn area. In reality, a portion of the commuter traffic is already parking in other parts of the Downtown. The garage will also allow overnight parking for nearby residents (20-30 spaces) that will have to exit the garage by 7:00 AM. These resident vehicles are entering or exiting outside the morning and evening peaks and will not impact peak traffic conditions.

### Directional Distribution

The trip distribution for the development is based on a combination of the existing traffic volumes, the existing road system, traffic congestion, and the proposed site access. The resulting trip distribution for the site is shown on **Table 2** and **Figure 5**.

**Table 2**  
**Directional Distribution**

| Direction            | Percentage  |
|----------------------|-------------|
| North on Main Street | 30%         |
| South on Main Street | 30%         |
| East on Duane Street | 30%         |
| West on Duane Street | 10%         |
| <b>Total</b>         | <b>100%</b> |

### Background Traffic Growth

The growth in existing traffic volumes are estimated for a period five years after the projected opening of the garage which is the Year 2025. Traffic projections provided by the Chicago Metropolitan Agency for Planning shows an annual growth rate of 0.8% per year on Main Street. A copy of the CMAP letter is included in the Appendix. This growth rate was applied to the existing traffic volumes to obtain the base 2025 volumes without the development (see **Figure 6**).

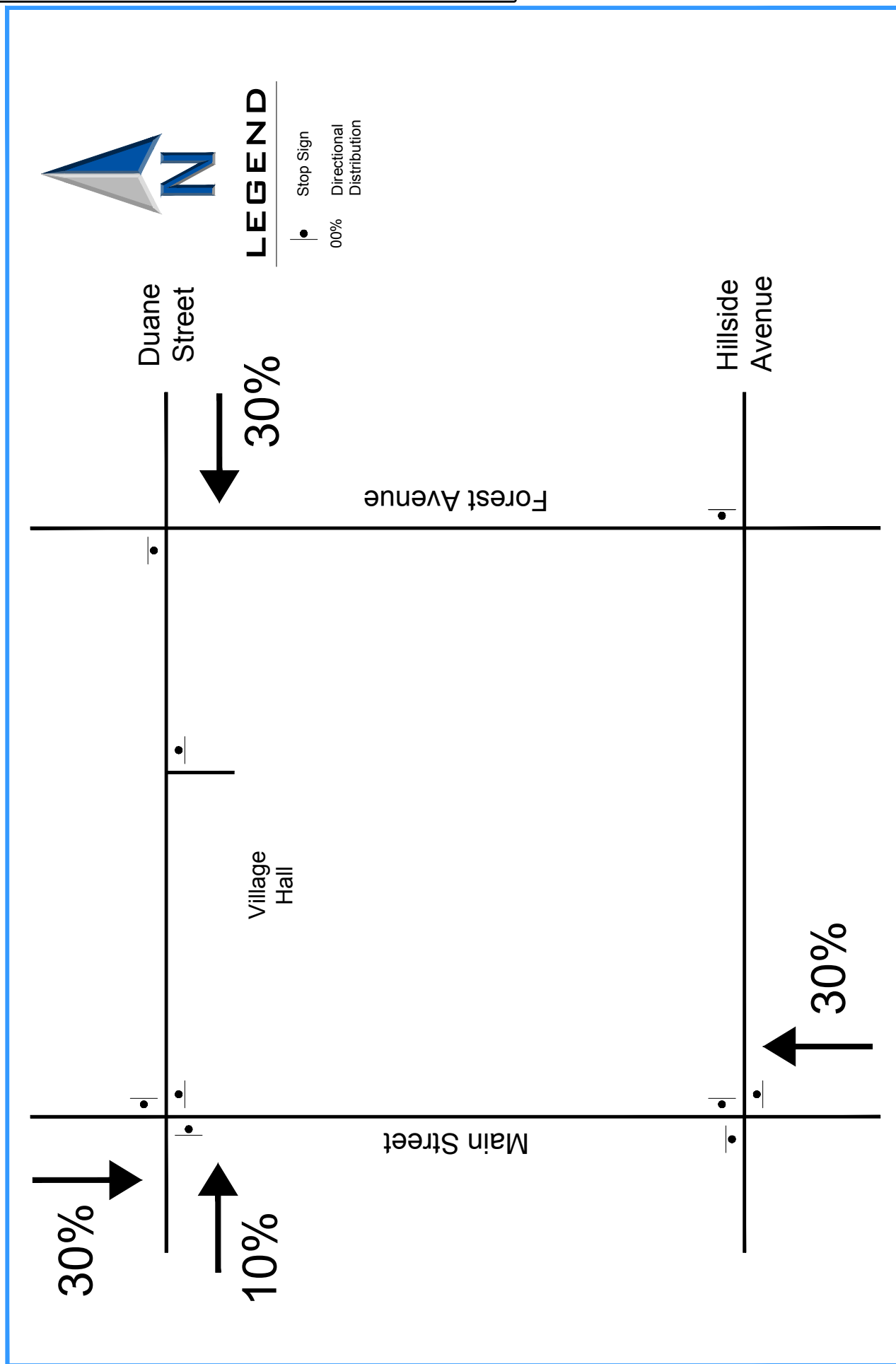
The development of the Apex 400 mixed use project west of Main Street will add additional traffic at the study area intersections and was also included in this study. **Figure 7** shows their traffic volumes assigned to the road system based on the development's traffic study. Their study also recommends that Hillside Avenue be converted to two-way traffic west on Main Street which was incorporated in this report.

### Site Traffic Assignment

Based on trip generation and directional distribution estimates, the site generated traffic was assigned to the proposed locations, access drives and area roadways. **Figure 8** shows the resulting traffic assignments to the site parking garage with one access drive onto Duane Street. **Figure 9** illustrates the site traffic volumes with the additional driveway onto Forest Avenue.

### Total Traffic Volumes

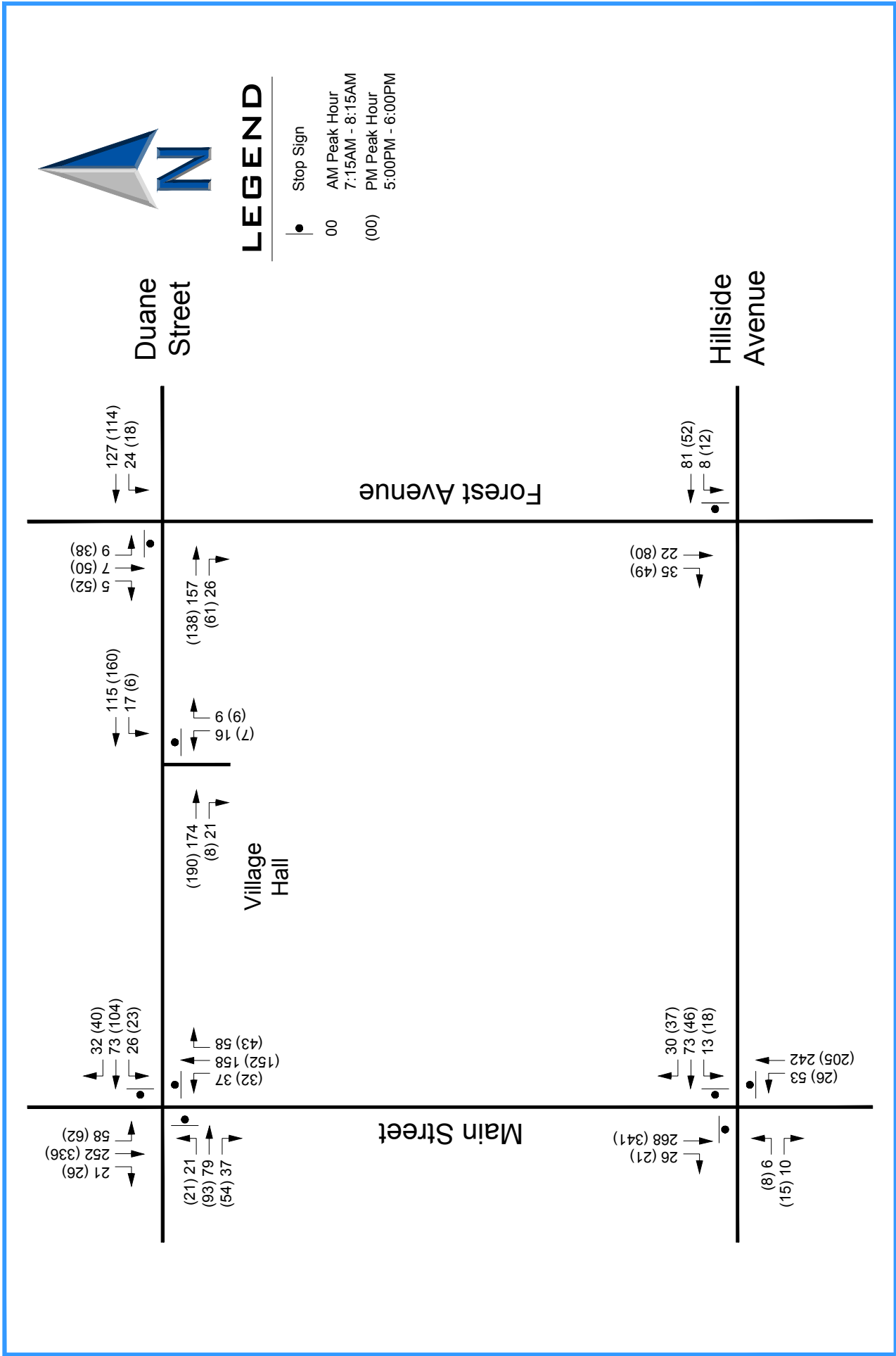
The total traffic volumes were projected five years in the future (Year 2025) and included the existing traffic volumes, APEX 400, the site-generated traffic, and general growth in traffic volumes. The total traffic volumes for the Year 2025 for both access alternatives are shown in **Figures 10 and 11**.



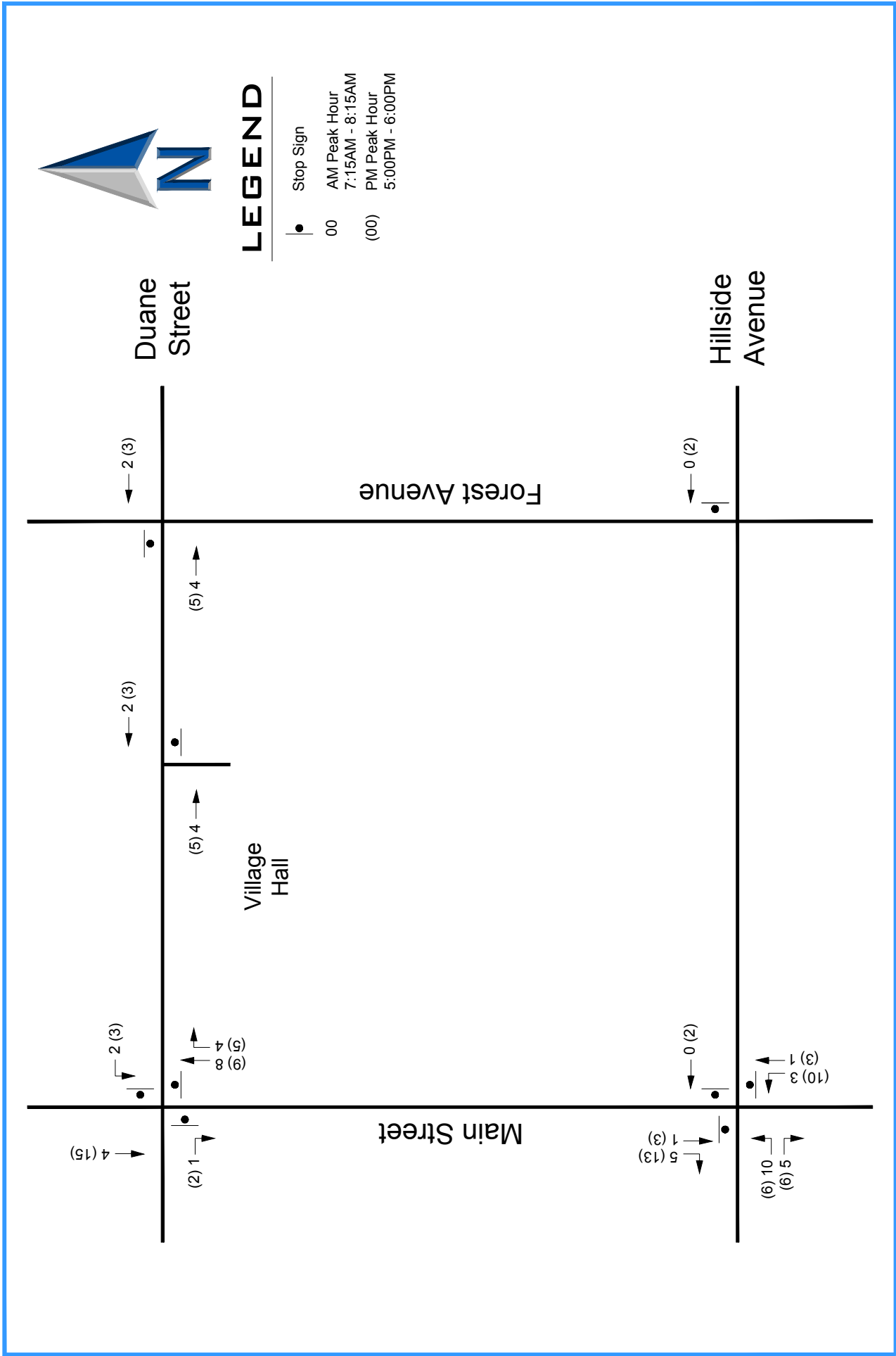
**Directional Distribution**  
**Figure 5**



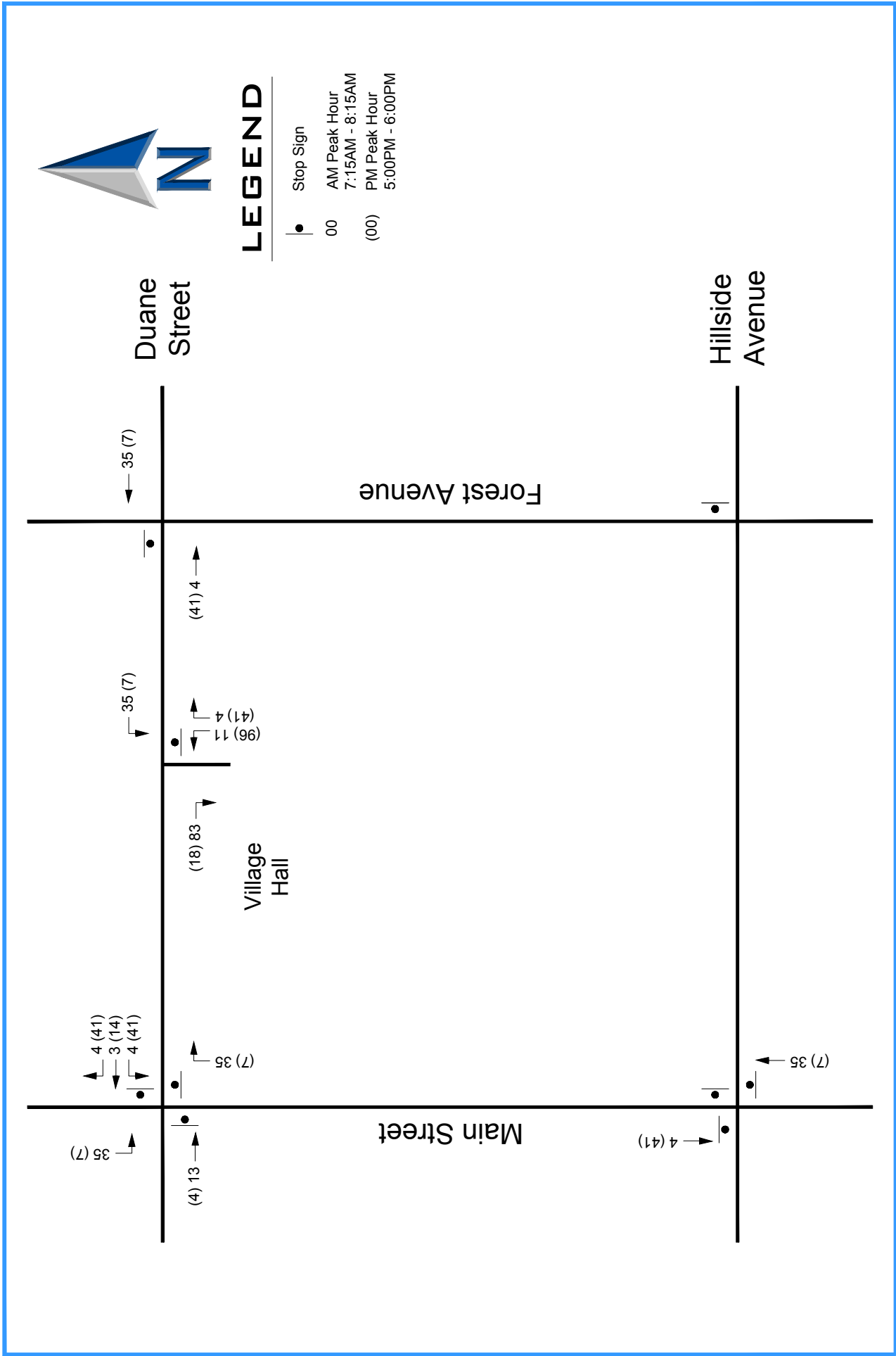
Year 2025 Base Traffic Volumes  
Figure 6



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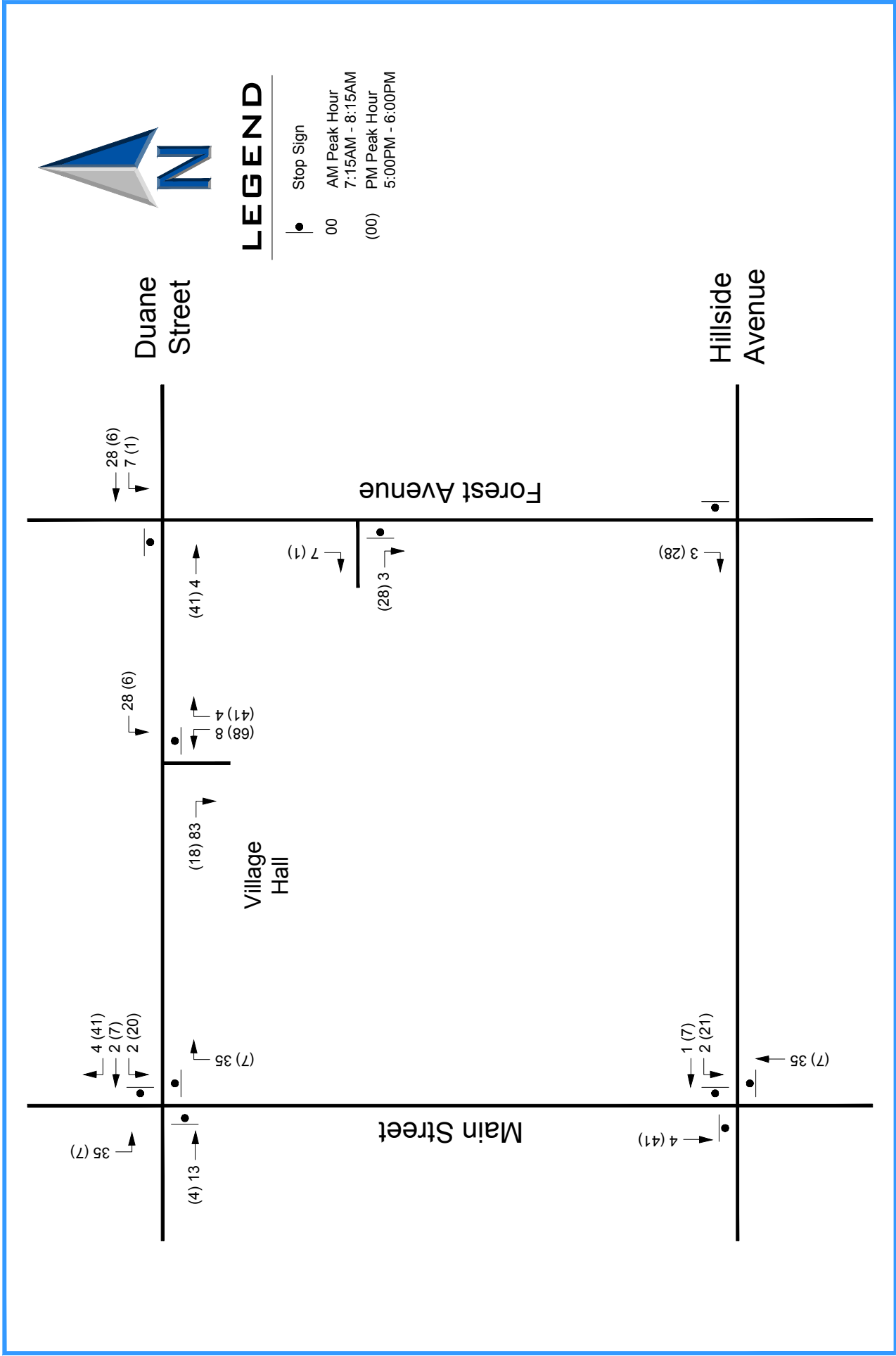


Apex 400 Site Traffic  
Figure 7



New Garage Traffic Volumes with One Access Drive

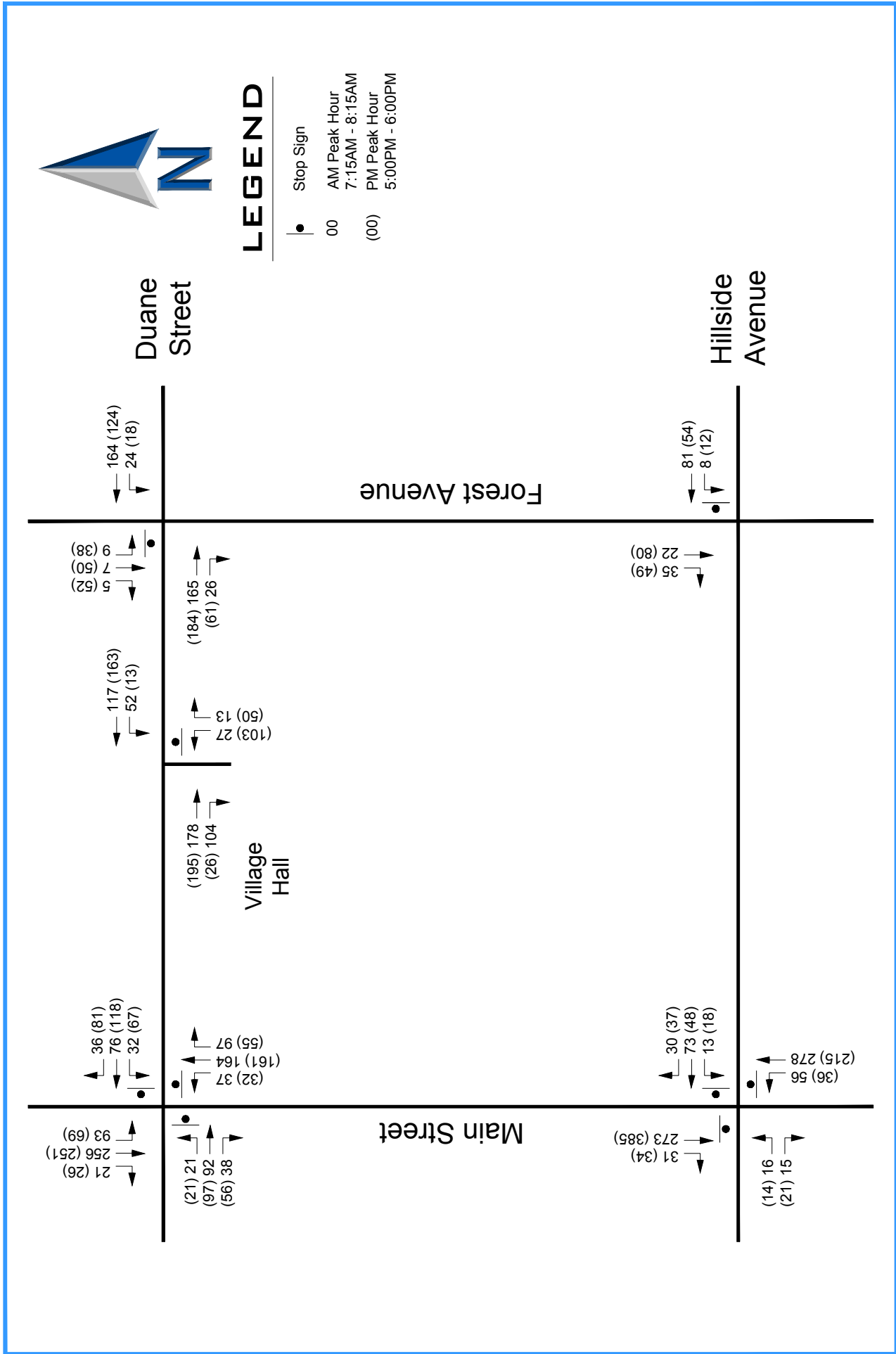
Figure 8

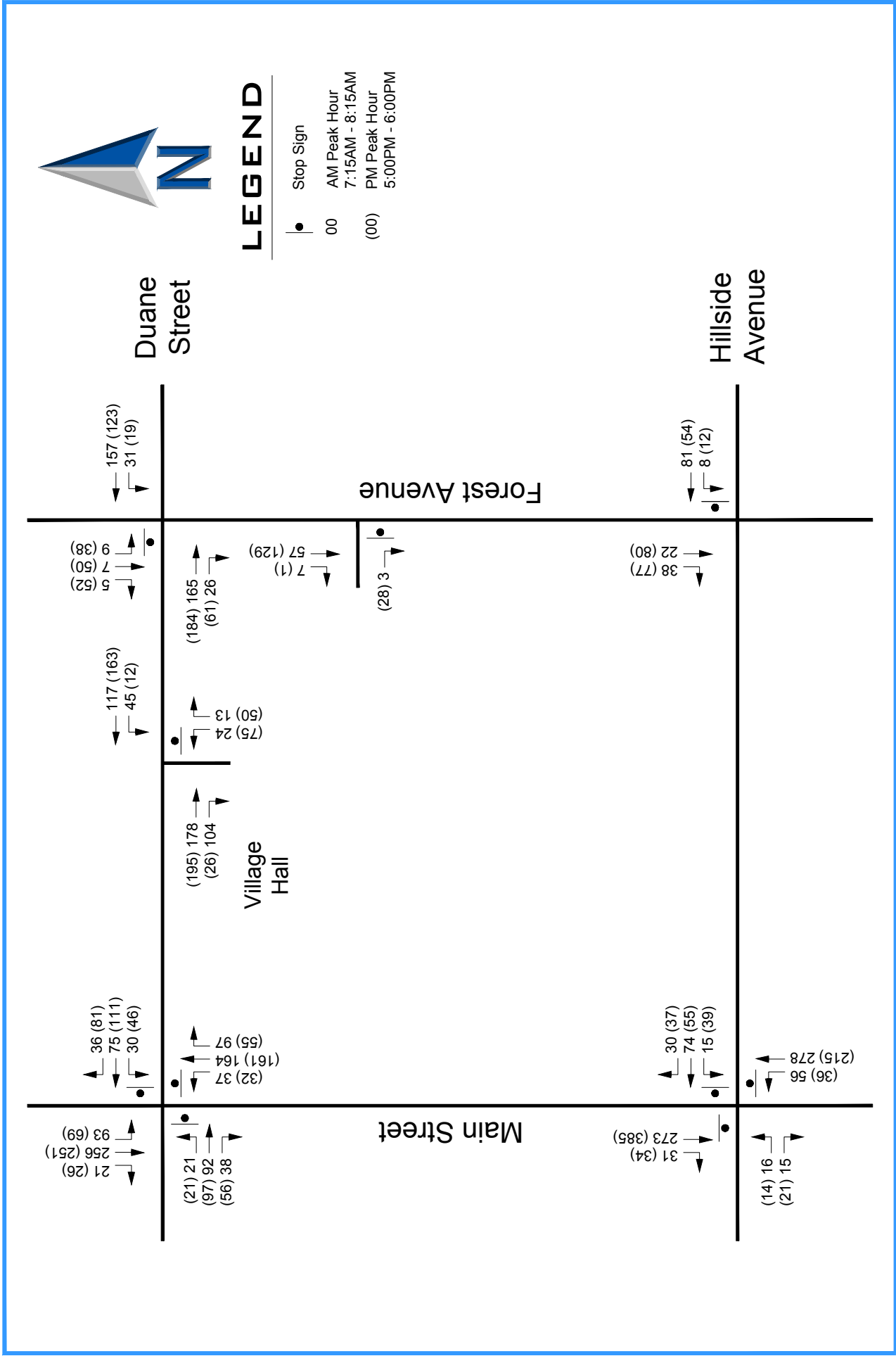


New Garage Traffic Volumes with Two Access Drives

Figure 9

Year 2025 Total Traffic Volumes with One Access Drive  
Figure 10





Year 2025 Total Traffic Volumes with Two Access Drives

Figure 11



## 4 – ANALYSES

### Intersection Capacity Analyses

In order to determine the operation of the study area intersections and the access drives, intersection capacity analyses were conducted for the existing and projected traffic volumes. An intersection's ability to accommodate traffic flow is based on the average control delay experienced by vehicles passing through the intersection. The intersection and individual traffic movements are assigned a level of service (LOS), ranging from A to F based on the control delay created by a traffic signal or stop sign. Control delay consists of the initial deceleration delay, queue move-up time, stopped delay, and final acceleration delay. LOS A has the best traffic flow and least delay. LOS E represents saturated or at capacity conditions. LOS F experiences oversaturated conditions and extensive delays. The Highway Capacity Manual definitions for levels of service and the corresponding control delay for both signalized and unsignalized intersections are shown in **Table 3**.

**Table 3**  
**Level of Service Criteria for Intersections**

| Level of Service | Description                                      | Control Delay (seconds/vehicle) |            |
|------------------|--------------------------------------------------|---------------------------------|------------|
|                  |                                                  | Signals                         | Stop Signs |
| A                | Minimal delay and few stops                      | <10                             | <10        |
| B                | Low delay with more stops                        | >10-20                          | >10-15     |
| C                | Light congestion                                 | >20-35                          | >15-25     |
| D                | Congestion is more noticeable with longer delays | >35-55                          | >25-35     |
| E                | High delays and number of stops                  | >55-80                          | >35-50     |
| F                | Unacceptable delays and over capacity            | >80                             | >50        |

Source: Highway Capacity Manual

Capacity analyses were conducted for each intersection area using the SYCHRO computer program to determine the existing and future operations of the transportation system. These analyses were performed for the weekday peak-hours. Copies of the capacity analysis summaries are included in the **Appendix**.

**Table 4** shows the existing and future level of service and delay results for the study area traffic conditions. All the intersections within the study are currently operating at a good level of service. Overall, with the low volume of site generated traffic distributed among several different approach routes, the future traffic conditions are minimally impacted. The conclusion of the analyses is that the road system can accommodate the projected traffic volumes.

### Duane Street at Main Street

The traffic control of this intersection provides stop signs on the east, south, and west legs. Southbound traffic on Main Street is free flow to prevent vehicles from backing onto the railroad tracks. The Highway Capacity procedures do not account for this configuration so the intersection capacity utilization method was used which shows how much of the intersection's capacity is used. Under existing conditions, 55% to 59% of the intersection's capacity is used.

In the Year 2025, the growth in existing traffic and the additional garage traffic volumes start increasing the utilization of the intersection but will not require additional roadway improvements. There is surplus roadway capacity to accommodate additional traffic volumes.



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**Table 4**  
**Intersection Level of Service and Total Delay (seconds)**

| Intersection                    | Approach                    | Morning Peak |                   |                    | Afternoon Peak |                   |                    |
|---------------------------------|-----------------------------|--------------|-------------------|--------------------|----------------|-------------------|--------------------|
|                                 |                             | 2019         | 2025<br>(1 drive) | 2025<br>(2 drives) | 2019           | 2025<br>(1 drive) | 2025<br>(2 drives) |
| Duane St. at Main St.           | Intersection <sup>(1)</sup> | A-55%        | B-64%             | B-59%              | B-59%          | D-75%             | C-69%              |
| Duane St. at Village Hall Drive | Wb Left                     | A-7.7        | A-8.1             | A-8.0              | A-7.7          | A-7.9             | A-7.8              |
|                                 | Nb Approach                 | B-10.4       | B-11.9            | B-11.6             | B-10.4         | B-13.8            | B-12.8             |
| Duane St. at Forest Ave.        | Wb Left                     | A-7.8        | A-7.8             | A-7.8              | A-7.8          | A-8.0             | A-8.0              |
|                                 | Sb Left                     | B-11.5       | B-12.3            | B-12.5             | B-11.6         | B-12.7            | B-12.7             |
|                                 | Sb Thru/Right               | A-9.2        | A-9.5             | A-9.4              | A-9.9          | B-10.1            | B-10.1             |
| Hillside Ave. at Main St.       | Nb Approach                 | B-10.5       | B-12.0            | B-12.1             | A_9.6          | B-10.7            | B-11.0             |
|                                 | Wb Approach                 | A-9.2        | A-9.7             | A-9.8              | A-9.0          | A-9.6             | B-10.2             |
|                                 | Sb Approach                 | B-10.2       | B-11.1            | B-11.2             | B-11.1         | B-13.6            | B-14.1             |
|                                 | Eb Approach                 |              | A-8.9             | A-8.9              |                | A-8.9             | A-9.0              |
| Garage Drive at Forest Ave.     | Eb Approach                 |              |                   | A-8.6              |                |                   | A-9.1              |
| Hillside Drive at Forest Ave.   | Wb Approach                 | A-9.2        | A-9.3             | A-9.3              | A-9.6          | A-9.7             | A-9.8              |

(1) Intersection Capacity Utilization Method (critical volume to saturation flow)

### Duane Street at Parking Garage Entrance

The existing Village Hall parking lot access has one inbound lane and one outbound lane under stop sign control. Duane Street has one lane in each direction with no right- or left-turn lanes. For the parking garage, the access will remain the same but reconstructed slightly west of its current location. The existing angles spaces along the south side of Duane Street will be converted to parallel spaces on either side of the driveway.

The Year 2025 total traffic volumes with this drive as the only access point to the garage shows it works well with levels of service A or B. There should be minimal queuing along Duane Street and the exiting evening queue from the garage is two vehicles. A worst-case analysis in the evening peak hour was completed assuming all the parking garage spaces exiting in one hour which slightly increased the outbound delay by four seconds and had three vehicles queued.

Two outbound lanes, a left-turn and a right-turn, were also analyzed for the one access scenario to determine the possible benefits versus the approximate \$75,000 cost to build. The second outbound lane reduced the evening peak-hour delay by just over one second and reduced the queueing from two to one vehicle. A second outbound lane does not provide a significant improvement for exiting traffic conditions.

The diversion of traffic from the Duane Street garage access to a secondary access on Forest Avenue will lower the traffic volumes using the main entrance with minimal impact on traffic conditions. However, from a planning perspective, a second access to the garage will allow more flexibility in accommodating event parking and maintenance operations at the facility.

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**Duane Street at Forest Avenue**

With only a stop sign on the north leg of the intersection serving minimal morning traffic and modest volumes in the evening, the intersection of Duane Street and Forest Avenue works well and will continue to in the future under both access alternatives. With 180 spaces reserved for commuter parking, it is expected that the majority of the commuter pedestrian traffic will exit the garage to Duane Street, head east to the west crosswalk at Forest Avenue and go north to the train station and platforms. It is recommended that pedestrian warning signs be installed at the crosswalk to alert drivers along Duane Street.

Please note that the Village of Glen Ellyn is conducting a separate study of this intersection and their recommendations have not been developed yet.

**Hillside Avenue at Main Street**

Hillside Avenue is currently one-way westbound thru the Main Street intersection with stop signs on the north, east, and west legs. As part of the APEX 400 development, the west leg will be converted to a two-way street with one-lane in each direction. The new west leg will also be under stop sign control resulting in an all-way-stop intersection. For both access scenarios, the intersection will continue to work well in the Year 2025.

**Hillside Avenue at Forest Avenue**

This intersection consists of two one-way streets (westbound and southbound) with a stop sign on Forest Avenue. Traffic operates at a level of service under existing and future conditions. No additional improvements are needed under either scenario. Additional garage related traffic won Forest Avenue to the south is minimal and would not affect the nearby neighbors.

**Garage Access on Forest Avenue**

Since Forest Avenue is one-way southbound, the proposed secondary garage access through the First United Methodist Church lot will have right-in and right-out movements. The driveway will work well at level of service A if the garage access is provided.

## 5 - SUMMARY

The results of the preceding traffic study for the proposed garage developed the following conclusions and recommendations:

1. The proposed parking garage is projected have 196 to 192 vehicles entering or exiting the garage during the morning and evening peak-hour. This includes the existing Village Hall lot traffic which makes up 32% to 19% of the garage's total driveway volumes.
2. All intersections within the study area work at acceptable levels of service and delay. The street network can accommodate the additional traffic from the proposed project, nearby developments, and other traffic growth.
3. A secondary benefit of the garage to Downtown traffic conditions is the reduction of vehicles circulating on the adjacent streets looking for a vacant parking space.
4. In anticipation of the more commuter crossings of Duane Street at the existing crosswalk on the west side of Forest Avenue, pedestrian crossing signs should be provided.



## APPENDIX

- Existing Traffic Counts
- CMAP Traffic Projections Letter
- Intersection Capacity Analyses



## Hillside Avenue at Forest Avenue

| Glen Ellyn, Illinois |                           |         |                           |           |                  |                  |                  |                   |          |           |          |
|----------------------|---------------------------|---------|---------------------------|-----------|------------------|------------------|------------------|-------------------|----------|-----------|----------|
| Begin Time           | Forest Avenue Southbound  |         | Hillside Avenue Westbound |           | 15 Minute Totals | 60 Minute Totals | Peak Hour Factor | Pedestrian Counts |          |           |          |
|                      | Right Turn                | Through | Through                   | Left Turn |                  |                  |                  | North Leg         | East Leg | South Leg | West Leg |
|                      | Thursday February 7, 2019 |         |                           |           |                  |                  |                  |                   |          |           |          |
| 7:00 AM              | 2                         | 2       | 6                         | 3         | 13               | 106              | 0.60             | 0                 | 1        | 0         | 3        |
| 7:15 AM              | 4                         | 9       | 13                        | 1         | 27               | 138              | 0.77             | 1                 | 0        | 1         | 1        |
| 7:30 AM              | 6                         | 5       | 10                        | 1         | 22               | 128              | 0.71             | 1                 | 1        | 0         | 1        |
| 7:45 AM              | 9                         | 4       | 30                        | 1         | 44               | 133              | 0.74             | 0                 | 0        | 0         | 0        |
| 8:00 AM              | 14                        | 3       | 24                        | 4         | 45               | 129              | 0.72             | 0                 | 0        | 0         | 4        |
| 8:15 AM              | 1                         | 2       | 13                        | 1         | 17               |                  |                  | 0                 | 1        | 0         | 1        |
| 8:30 AM              | 3                         | 3       | 20                        | 1         | 27               |                  |                  | 1                 | 0        | 0         | 0        |
| 8:45 AM              | 12                        | 3       | 23                        | 2         | 40               |                  |                  | 0                 | 0        | 0         | 0        |
| Total                | 51                        | 31      | 139                       | 14        |                  |                  |                  | 3                 | 3        | 1         | 10       |
| 7:15-8:15 AM         | 33                        | 21      | 77                        | 7         | 138              |                  |                  | 2                 | 1        | 1         | 6        |
|                      | Thursday February 7, 2019 |         |                           |           |                  |                  |                  |                   |          |           |          |
| 4:00 PM              | 8                         | 5       | 7                         | 1         | 21               | 115              | 0.87             | 0                 | 0        | 3         | 1        |
| 4:15 PM              | 6                         | 9       | 12                        | 2         | 29               | 126              | 0.95             | 1                 | 0        | 0         | 0        |
| 4:30 PM              | 14                        | 9       | 7                         | 2         | 32               | 136              | 0.87             | 1                 | 2        | 0         | 2        |
| 4:45 PM              | 6                         | 15      | 11                        | 1         | 33               | 147              | 0.85             | 3                 | 2        | 1         | 2        |
| 5:00 PM              | 10                        | 7       | 11                        | 4         | 32               | 171              | 0.75             | 2                 | 0        | 0         | 0        |
| 5:15 PM              | 13                        | 14      | 9                         | 3         | 39               |                  |                  | 0                 | 4        | 0         | 2        |
| 5:30 PM              | 9                         | 16      | 16                        | 2         | 43               |                  |                  | 0                 | 0        | 0         | 0        |
| 5:45 PM              | 15                        | 27      | 13                        | 2         | 57               |                  |                  | 2                 | 2        | 1         | 1        |
| Total                | 81                        | 102     | 86                        | 17        |                  |                  |                  | 9                 | 10       | 5         | 8        |
| 5:00-6:00 PM         | 47                        | 64      | 49                        | 11        | 171              |                  |                  | 4                 | 6        | 1         | 3        |



## Duane Street at Village Hall Access

| Glen Ellyn, Illinois       |                        |           |                         |           |                        |         |                  |                  |                  |  |
|----------------------------|------------------------|-----------|-------------------------|-----------|------------------------|---------|------------------|------------------|------------------|--|
| Begin Time                 | Duane Street Westbound |           | Village Hall Northbound |           | Duane Street Eastbound |         | 15 Minute Totals | 60 Minute Totals | Peak Hour Factor |  |
|                            | Through                | Left Turn | Right Turn              | Left Turn | Right Turn             | Through |                  |                  |                  |  |
|                            |                        |           |                         |           |                        |         |                  |                  |                  |  |
| Thursdays February 7, 2019 |                        |           |                         |           |                        |         |                  |                  |                  |  |
| 7:00 AM                    | 24                     | 2         | 0                       | 1         | 1                      | 30      | 58               | 304              | 0.84             |  |
| 7:15 AM                    | 22                     | 2         | 5                       | 4         | 2                      | 53      | 88               | 337              | 0.93             |  |
| 7:30 AM                    | 35                     | 7         | 1                       | 8         | 4                      | 36      | 91               | 299              | 0.82             |  |
| 7:45 AM                    | 19                     | 6         | 2                       | 1         | 8                      | 31      | 67               | 254              | 0.70             |  |
| 8:00 AM                    | 33                     | 2         | 1                       | 3         | 7                      | 45      | 91               | 260              | 0.71             |  |
| 8:15 AM                    | 18                     | 2         | 0                       | 1         | 7                      | 22      | 50               |                  |                  |  |
| 8:30 AM                    | 18                     | 2         | 0                       | 2         | 2                      | 22      | 46               |                  |                  |  |
| 8:45 AM                    | 26                     | 0         | 4                       | 3         | 5                      | 35      | 73               |                  |                  |  |
| Total                      | 195                    | 23        | 13                      | 23        | 36                     | 274     |                  |                  |                  |  |
| 7:15-8:15 AM               | 109                    | 17        | 9                       | 16        | 21                     | 165     | 337              |                  |                  |  |
| Thursdays February 7, 2019 |                        |           |                         |           |                        |         |                  |                  |                  |  |
| 4:00 PM                    | 33                     | 1         | 3                       | 4         | 5                      | 43      | 89               | 277              | 0.78             |  |
| 4:15 PM                    | 17                     | 1         | 1                       | 4         | 3                      | 29      | 55               | 267              | 0.84             |  |
| 4:30 PM                    | 24                     | 0         | 8                       | 2         | 1                      | 28      | 63               | 275              | 0.87             |  |
| 4:45 PM                    | 26                     | 1         | 4                       | 1         | 3                      | 35      | 70               | 305              | 0.82             |  |
| 5:00 PM                    | 26                     | 0         | 4                       | 3         | 2                      | 44      | 79               | 311              | 0.84             |  |
| 5:15 PM                    | 19                     | 2         | 0                       | 1         | 1                      | 40      | 63               |                  |                  |  |
| 5:30 PM                    | 26                     | 2         | 2                       | 3         | 3                      | 57      | 93               |                  |                  |  |
| 5:45 PM                    | 30                     | 2         | 3                       | 0         | 2                      | 39      | 76               |                  |                  |  |
| Total                      | 201                    | 9         | 25                      | 18        | 20                     | 315     | 311              |                  |                  |  |
| 5:00-6:00 PM               | 101                    | 6         | 9                       | 7         | 8                      | 180     |                  |                  |                  |  |

Forest Avenue & Duane Street

Glen Ellyn, IL

12:00 AM - 12:00 PM

File Name : forest & duane am

Site Code :

Start Date : 2/13/2019

Page No : 1

Groups Printed- PC - SU - MU

| Start Time | Forest Avenue From North |      |       |            |  | Duane Street From East |      |       |            |  | Forest Avenue From South |      |       |            |  | Duane Street From West |      |       |            |  | Int. Total |
|------------|--------------------------|------|-------|------------|--|------------------------|------|-------|------------|--|--------------------------|------|-------|------------|--|------------------------|------|-------|------------|--|------------|
|            | Left                     | Thru | Right | App. Total |  | Left                   | Thru | Right | App. Total |  | Left                     | Thru | Right | App. Total |  | Left                   | Thru | Right | App. Total |  |            |
| 12:00 AM   | 0                        | 0    | 0     | 0          |  | 0                      | 0    | 0     | 0          |  | 0                        | 0    | 0     | 0          |  | 0                      | 1    | 0     | 1          |  | 1          |
| 12:15 AM   | 0                        | 0    | 1     | 1          |  | 0                      | 0    | 0     | 0          |  | 0                        | 0    | 0     | 0          |  | 0                      | 0    | 0     | 0          |  | 1          |
| 12:30 AM   | 0                        | 0    | 0     | 0          |  | 0                      | 0    | 0     | 0          |  | 0                        | 0    | 0     | 0          |  | 0                      | 2    | 0     | 2          |  | 2          |
| 12:45 AM   | 0                        | 0    | 1     | 1          |  | 0                      | 1    | 0     | 1          |  | 0                        | 1    | 0     | 1          |  | 3                      | 0    | 1     | 4          |  | 7          |
| Total      | 0                        | 0    | 2     | 2          |  | 0                      | 1    | 0     | 1          |  | 0                        | 1    | 0     | 1          |  | 3                      | 3    | 1     | 7          |  | 11         |
| 01:00 AM   | 0                        | 1    | 1     | 2          |  | 0                      | 1    | 0     | 1          |  | 0                        | 1    | 0     | 1          |  | 0                      | 0    | 0     | 0          |  | 4          |
| 01:15 AM   | 1                        | 0    | 1     | 2          |  | 0                      | 1    | 0     | 1          |  | 0                        | 0    | 0     | 0          |  | 0                      | 3    | 0     | 3          |  | 6          |
| 01:30 AM   | 0                        | 0    | 0     | 0          |  | 0                      | 0    | 0     | 0          |  | 0                        | 0    | 0     | 0          |  | 0                      | 0    | 0     | 0          |  | 0          |
| 01:45 AM   | 0                        | 1    | 0     | 1          |  | 0                      | 0    | 0     | 0          |  | 1                        | 0    | 0     | 1          |  | 0                      | 1    | 0     | 1          |  | 3          |
| Total      | 1                        | 2    | 2     | 5          |  | 0                      | 2    | 0     | 2          |  | 1                        | 1    | 0     | 2          |  | 0                      | 4    | 0     | 4          |  | 13         |
| 02:00 AM   | 0                        | 0    | 1     | 1          |  | 0                      | 0    | 0     | 0          |  | 0                        | 0    | 0     | 0          |  | 1                      | 0    | 1     | 2          |  | 3          |
| 02:15 AM   | 0                        | 0    | 0     | 0          |  | 0                      | 0    | 0     | 0          |  | 0                        | 0    | 0     | 0          |  | 0                      | 0    | 0     | 0          |  | 0          |
| 02:30 AM   | 0                        | 0    | 0     | 0          |  | 0                      | 1    | 0     | 1          |  | 0                        | 0    | 0     | 0          |  | 0                      | 1    | 0     | 1          |  | 2          |
| 02:45 AM   | 0                        | 1    | 2     | 3          |  | 0                      | 0    | 0     | 0          |  | 0                        | 0    | 0     | 0          |  | 0                      | 1    | 0     | 1          |  | 4          |
| Total      | 0                        | 1    | 3     | 4          |  | 0                      | 1    | 0     | 1          |  | 0                        | 0    | 0     | 0          |  | 1                      | 2    | 1     | 4          |  | 9          |
| 03:00 AM   | 0                        | 0    | 0     | 0          |  | 0                      | 1    | 0     | 1          |  | 0                        | 0    | 0     | 0          |  | 0                      | 1    | 0     | 1          |  | 2          |
| 03:15 AM   | 0                        | 0    | 0     | 0          |  | 0                      | 0    | 0     | 0          |  | 0                        | 0    | 0     | 0          |  | 0                      | 0    | 0     | 0          |  | 0          |
| 03:30 AM   | 0                        | 1    | 1     | 2          |  | 0                      | 0    | 0     | 0          |  | 0                        | 0    | 0     | 0          |  | 0                      | 2    | 0     | 2          |  | 4          |
| 03:45 AM   | 0                        | 0    | 0     | 0          |  | 0                      | 0    | 0     | 0          |  | 0                        | 0    | 0     | 0          |  | 0                      | 2    | 0     | 2          |  | 2          |
| Total      | 0                        | 1    | 1     | 2          |  | 0                      | 1    | 0     | 1          |  | 0                        | 0    | 0     | 0          |  | 0                      | 5    | 0     | 5          |  | 8          |
| 04:00 AM   | 0                        | 0    | 0     | 0          |  | 0                      | 0    | 0     | 0          |  | 0                        | 0    | 0     | 0          |  | 0                      | 2    | 0     | 2          |  | 2          |
| 04:15 AM   | 0                        | 0    | 0     | 0          |  | 0                      | 0    | 0     | 0          |  | 0                        | 0    | 0     | 0          |  | 0                      | 1    | 0     | 1          |  | 1          |
| 04:30 AM   | 0                        | 0    | 0     | 0          |  | 0                      | 1    | 0     | 1          |  | 0                        | 0    | 0     | 0          |  | 0                      | 3    | 0     | 3          |  | 4          |
| 04:45 AM   | 0                        | 0    | 1     | 1          |  | 0                      | 0    | 0     | 0          |  | 0                        | 0    | 0     | 0          |  | 1                      | 4    | 0     | 5          |  | 6          |
| Total      | 0                        | 0    | 1     | 1          |  | 0                      | 1    | 0     | 1          |  | 0                        | 0    | 0     | 0          |  | 1                      | 10   | 0     | 11         |  | 13         |
| 05:00 AM   | 0                        | 0    | 0     | 0          |  | 0                      | 2    | 0     | 2          |  | 0                        | 0    | 0     | 0          |  | 0                      | 2    | 1     | 3          |  | 5          |
| 05:15 AM   | 0                        | 0    | 1     | 1          |  | 0                      | 7    | 0     | 7          |  | 0                        | 0    | 0     | 0          |  | 0                      | 3    | 1     | 4          |  | 12         |
| 05:30 AM   | 0                        | 0    | 0     | 0          |  | 0                      | 5    | 0     | 5          |  | 0                        | 0    | 0     | 0          |  | 0                      | 5    | 0     | 5          |  | 10         |
| 05:45 AM   | 0                        | 0    | 0     | 0          |  | 2                      | 11   | 0     | 13         |  | 0                        | 0    | 0     | 0          |  | 0                      | 6    | 3     | 9          |  | 22         |
| Total      | 0                        | 0    | 1     | 1          |  | 2                      | 25   | 0     | 27         |  | 0                        | 0    | 0     | 0          |  | 0                      | 16   | 5     | 21         |  | 49         |

Forest Avenue & Duane Street

Glen Ellyn, IL

12:00 AM - 12:00 PM

File Name : forest & duane am

Site Code :

Start Date : 2/13/2019

Page No : 2

Groups Printed- PC - SU - MU

| Start Time  | Forest Avenue From North |      |       |            | Duane Street From East |      |       |            | Forest Avenue From South |      |       |            | Duane Street From West |      |       |            | Int. Total |
|-------------|--------------------------|------|-------|------------|------------------------|------|-------|------------|--------------------------|------|-------|------------|------------------------|------|-------|------------|------------|
|             | Left                     | Thru | Right | App. Total | Left                   | Thru | Right | App. Total | Left                     | Thru | Right | App. Total | Left                   | Thru | Right | App. Total |            |
| 06:00 AM    | 0                        | 0    | 0     | 0          | 0                      | 9    | 0     | 9          | 0                        | 0    | 0     | 0          | 0                      | 8    | 2     | 10         | 19         |
| 06:15 AM    | 0                        | 1    | 0     | 1          | 1                      | 8    | 0     | 9          | 0                        | 0    | 0     | 0          | 0                      | 8    | 2     | 10         | 20         |
| 06:30 AM    | 1                        | 0    | 0     | 1          | 1                      | 8    | 0     | 9          | 0                        | 0    | 0     | 0          | 0                      | 13   | 0     | 13         | 23         |
| 06:45 AM    | 0                        | 0    | 1     | 1          | 1                      | 16   | 0     | 17         | 0                        | 0    | 0     | 0          | 0                      | 15   | 3     | 18         | 36         |
| Total       | 1                        | 1    | 1     | 3          | 3                      | 41   | 0     | 44         | 0                        | 0    | 0     | 0          | 0                      | 44   | 7     | 51         | 98         |
| 07:00 AM    | 1                        | 1    | 0     | 2          | 1                      | 19   | 0     | 20         | 0                        | 0    | 0     | 0          | 0                      | 20   | 2     | 22         | 44         |
| 07:15 AM    | 2                        | 1    | 4     | 7          | 6                      | 33   | 0     | 39         | 0                        | 0    | 0     | 0          | 0                      | 56   | 3     | 59         | 105        |
| 07:30 AM    | 1                        | 4    | 2     | 7          | 7                      | 36   | 0     | 43         | 0                        | 0    | 0     | 0          | 0                      | 22   | 3     | 25         | 75         |
| 07:45 AM    | 0                        | 0    | 0     | 0          | 0                      | 23   | 0     | 23         | 0                        | 0    | 0     | 0          | 0                      | 24   | 7     | 31         | 54         |
| Total       | 4                        | 6    | 6     | 16         | 14                     | 111  | 0     | 125        | 0                        | 0    | 0     | 0          | 0                      | 122  | 15    | 137        | 278        |
| 08:00 AM    | 1                        | 1    | 2     | 4          | 6                      | 26   | 0     | 32         | 0                        | 0    | 0     | 0          | 0                      | 44   | 6     | 50         | 86         |
| 08:15 AM    | 1                        | 0    | 1     | 2          | 2                      | 22   | 0     | 24         | 0                        | 0    | 0     | 0          | 0                      | 26   | 3     | 29         | 55         |
| 08:30 AM    | 2                        | 0    | 2     | 4          | 5                      | 15   | 0     | 20         | 0                        | 0    | 0     | 0          | 0                      | 19   | 10    | 29         | 53         |
| 08:45 AM    | 0                        | 0    | 1     | 1          | 3                      | 14   | 0     | 17         | 0                        | 0    | 0     | 0          | 0                      | 21   | 8     | 29         | 47         |
| Total       | 4                        | 1    | 6     | 11         | 16                     | 77   | 0     | 93         | 0                        | 0    | 0     | 0          | 0                      | 110  | 27    | 137        | 241        |
| 09:00 AM    | 2                        | 0    | 2     | 4          | 0                      | 11   | 0     | 11         | 0                        | 0    | 0     | 0          | 0                      | 33   | 10    | 43         | 58         |
| 09:15 AM    | 0                        | 0    | 4     | 4          | 3                      | 8    | 0     | 11         | 0                        | 0    | 0     | 0          | 0                      | 10   | 7     | 17         | 32         |
| 09:30 AM    | 2                        | 0    | 3     | 5          | 7                      | 13   | 0     | 20         | 0                        | 0    | 0     | 0          | 0                      | 18   | 9     | 27         | 52         |
| 09:45 AM    | 4                        | 0    | 3     | 7          | 6                      | 15   | 0     | 21         | 0                        | 0    | 0     | 0          | 0                      | 30   | 6     | 36         | 64         |
| Total       | 8                        | 0    | 12    | 20         | 16                     | 47   | 0     | 63         | 0                        | 0    | 0     | 0          | 0                      | 91   | 32    | 123        | 206        |
| 10:00 AM    | 0                        | 2    | 1     | 3          | 1                      | 10   | 0     | 11         | 0                        | 0    | 0     | 0          | 0                      | 19   | 4     | 23         | 37         |
| 10:15 AM    | 1                        | 0    | 3     | 4          | 5                      | 13   | 0     | 18         | 1                        | 0    | 0     | 1          | 0                      | 23   | 5     | 28         | 51         |
| 10:30 AM    | 1                        | 0    | 0     | 1          | 4                      | 18   | 0     | 22         | 0                        | 0    | 0     | 0          | 0                      | 24   | 4     | 28         | 51         |
| 10:45 AM    | 0                        | 0    | 1     | 1          | 1                      | 17   | 0     | 18         | 0                        | 0    | 0     | 0          | 0                      | 21   | 7     | 28         | 47         |
| Total       | 2                        | 2    | 5     | 9          | 11                     | 58   | 0     | 69         | 1                        | 0    | 0     | 1          | 0                      | 87   | 20    | 107        | 186        |
| 11:00 AM    | 0                        | 1    | 0     | 1          | 3                      | 19   | 0     | 22         | 0                        | 0    | 0     | 0          | 0                      | 21   | 9     | 30         | 53         |
| 11:15 AM    | 1                        | 0    | 1     | 2          | 0                      | 16   | 0     | 16         | 0                        | 0    | 0     | 0          | 0                      | 27   | 4     | 31         | 49         |
| 11:30 AM    | 0                        | 3    | 2     | 5          | 0                      | 21   | 0     | 21         | 0                        | 0    | 0     | 0          | 0                      | 29   | 8     | 37         | 63         |
| 11:45 AM    | 0                        | 1    | 2     | 3          | 8                      | 21   | 0     | 29         | 0                        | 0    | 0     | 0          | 0                      | 21   | 6     | 27         | 59         |
| Total       | 1                        | 5    | 5     | 11         | 11                     | 77   | 0     | 88         | 0                        | 0    | 0     | 0          | 0                      | 98   | 27    | 125        | 224        |
| Grand Total | 21                       | 19   | 45    | 85         | 73                     | 442  | 0     | 515        | 2                        | 2    | 0     | 4          | 5                      | 592  | 135   | 732        | 1336       |
| Approch %   | 24.7                     | 22.4 | 52.9  |            | 14.2                   | 85.8 | 0     |            | 50                       | 50   | 0     |            | 0.7                    | 80.9 | 18.4  |            |            |
| Total %     | 1.6                      | 1.4  | 3.4   | 6.4        | 5.5                    | 33.1 | 0     | 38.5       | 0.1                      | 0.1  | 0     | 0.3        | 0.4                    | 44.3 | 10.1  | 54.8       |            |
| PC          | 19                       | 19   | 40    | 78         | 73                     | 426  | 0     | 499        | 2                        | 2    | 0     | 4          | 0                      | 558  | 128   | 686        | 1267       |
| % PC        | 90.5                     | 100  | 88.9  | 91.8       | 100                    | 96.4 | 0     | 96.9       | 100                      | 100  | 0     | 100        | 0                      | 94.3 | 94.8  | 93.7       | 94.8       |
| SU          | 2                        | 0    | 5     | 7          | 0                      | 13   | 0     | 13         | 0                        | 0    | 0     | 0          | 5                      | 29   | 6     | 40         | 60         |
| % SU        | 9.5                      | 0    | 11.1  | 8.2        | 0                      | 2.9  | 0     | 2.5        | 0                        | 0    | 0     | 0          | 100                    | 4.9  | 4.4   | 5.5        | 4.5        |



Forest Avenue & Duane Street

Glen Ellyn, IL

12:00 AM - 12:00 PM

File Name : forest & duane am

Site Code :

Start Date : 2/13/2019

Page No : 3

Groups Printed- PC - SU - MU

|      | Forest Avenue<br>From North |      |       | Duane Street<br>From East |      |       | Forest Avenue<br>From South |      |       | Duane Street<br>From West |      |       |
|------|-----------------------------|------|-------|---------------------------|------|-------|-----------------------------|------|-------|---------------------------|------|-------|
|      | Left                        | Thru | Right | Left                      | Thru | Right | Left                        | Thru | Right | Left                      | Thru | Right |
| MU   | 0                           | 0    | 0     | 0                         | 3    | 0     | 0                           | 0    | 0     | 0                         | 5    | 1     |
| % MU | 0                           | 0    | 0     | 0                         | 0.7  | 0     | 0                           | 0    | 0     | 0                         | 0.8  | 0.7   |
|      | App. Total                  |      |       | App. Total                |      |       | App. Total                  |      |       | App. Total                |      |       |
|      | 0                           |      |       | 0.6                       |      |       | 0                           |      |       | 0.8                       |      |       |
|      | Int. Total                  |      |       | Int. Total                |      |       | Int. Total                  |      |       | Int. Total                |      |       |
|      | 0                           |      |       | 0                         |      |       | 0                           |      |       | 0.6                       |      |       |

|                                                            | Forest Avenue<br>From North |      |       | Duane Street<br>From East |      |       | Forest Avenue<br>From South |      |       | Duane Street<br>From West |      |       |
|------------------------------------------------------------|-----------------------------|------|-------|---------------------------|------|-------|-----------------------------|------|-------|---------------------------|------|-------|
|                                                            | Left                        | Thru | Right | Left                      | Thru | Right | Left                        | Thru | Right | Left                      | Thru | Right |
| Start Time                                                 | Left                        | Thru | Right | Left                      | Thru | Right | Left                        | Thru | Right | Left                      | Thru | Right |
| Peak Hour Analysis From 12:00 AM to 11:45 AM - Peak 1 of 1 | App. Total                  |      |       | App. Total                |      |       | App. Total                  |      |       | App. Total                |      |       |
| Peak Hour for Entire Intersection Begins at 07:15 AM       | 7                           |      |       | 39                        |      |       | 0                           |      |       | 0                         |      |       |
| 07:15 AM                                                   | 2                           | 1    | 4     | 6                         | 33   | 0     | 0                           | 0    | 0     | 0                         | 56   | 3     |
| 07:30 AM                                                   | 1                           | 4    | 2     | 7                         | 36   | 0     | 0                           | 0    | 0     | 0                         | 22   | 3     |
| 07:45 AM                                                   | 0                           | 0    | 0     | 0                         | 23   | 0     | 0                           | 0    | 0     | 0                         | 24   | 7     |
| 08:00 AM                                                   | 1                           | 1    | 2     | 6                         | 26   | 0     | 0                           | 0    | 0     | 0                         | 44   | 6     |
| Total Volume                                               | 4                           | 6    | 8     | 19                        | 118  | 0     | 0                           | 0    | 0     | 0                         | 146  | 19    |
| % App. Total                                               | 22.2                        | 33.3 | 44.4  | 13.9                      | 86.1 | 0     | 0                           | 0    | 0     | 0                         | 88.5 | 11.5  |
| PHF                                                        | .500                        | .375 | .500  | .679                      | .819 | .000  | .000                        | .000 | .000  | .000                      | .652 | .679  |
|                                                            | .643                        |      |       | .797                      |      |       | .000                        |      |       | .699                      |      |       |
|                                                            | 105                         |      |       | 105                       |      |       | 105                         |      |       | 105                       |      |       |

Peak Hour Analysis From 12:00 AM to 11:45 AM - Peak 1 of 1

Peak Hour for Each Approach Begins at:

|              | 09:00 AM |      |       | 07:15 AM |      |       | 12:15 AM |      |       | 07:15 AM |      |       |
|--------------|----------|------|-------|----------|------|-------|----------|------|-------|----------|------|-------|
|              | Left     | Thru | Right | Left     | Thru | Right | Left     | Thru | Right | Left     | Thru | Right |
| +0 mins.     | 2        | 0    | 2     | 6        | 33   | 0     | 0        | 0    | 0     | 0        | 56   | 3     |
| +15 mins.    | 0        | 0    | 4     | 7        | 36   | 0     | 0        | 0    | 0     | 0        | 22   | 3     |
| +30 mins.    | 2        | 0    | 3     | 0        | 23   | 0     | 1        | 0    | 1     | 0        | 24   | 7     |
| +45 mins.    | 4        | 0    | 3     | 6        | 26   | 0     | 1        | 0    | 1     | 0        | 44   | 6     |
| Total Volume | 8        | 0    | 12    | 19       | 118  | 0     | 2        | 0    | 2     | 0        | 146  | 19    |
| % App. Total | 40       | 0    | 60    | 13.9     | 86.1 | 0     | 100      | 0    | 0     | 0        | 88.5 | 11.5  |
| PHF          | .500     | .000 | .750  | .679     | .819 | .000  | .500     | .000 | .500  | .000     | .652 | .679  |
|              | .714     |      |       | .797     |      |       | .500     |      |       | .699     |      |       |

Forest Avenue & Duane Street

Glen Ellyn, IL

12:00 PM - 12:00 AM

File Name : forest & duane pm

Site Code :

Start Date : 2/13/2019

Page No : 1

Groups Printed- PC - SU - MU

| Start Time | Forest Avenue From North |      |       |            |  | Duane Street From East |      |       |            |  | Forest Avenue From South |      |       |            |  | Duane Street From West |      |       |            |  | Int. Total |
|------------|--------------------------|------|-------|------------|--|------------------------|------|-------|------------|--|--------------------------|------|-------|------------|--|------------------------|------|-------|------------|--|------------|
|            | Left                     | Thru | Right | App. Total |  | Left                   | Thru | Right | App. Total |  | Left                     | Thru | Right | App. Total |  | Left                   | Thru | Right | App. Total |  |            |
| 12:00 PM   | 4                        | 1    | 6     | 11         |  | 2                      | 16   | 0     | 18         |  | 0                        | 0    | 0     | 0          |  | 0                      | 19   | 8     | 27         |  | 56         |
| 12:15 PM   | 2                        | 0    | 1     | 3          |  | 1                      | 19   | 0     | 20         |  | 0                        | 0    | 0     | 0          |  | 0                      | 22   | 18    | 40         |  | 63         |
| 12:30 PM   | 1                        | 0    | 5     | 6          |  | 7                      | 18   | 0     | 25         |  | 0                        | 0    | 0     | 0          |  | 0                      | 23   | 23    | 46         |  | 77         |
| 12:45 PM   | 5                        | 0    | 1     | 6          |  | 5                      | 29   | 0     | 34         |  | 0                        | 0    | 0     | 0          |  | 0                      | 35   | 18    | 53         |  | 93         |
| Total      | 12                       | 1    | 13    | 26         |  | 15                     | 82   | 0     | 97         |  | 0                        | 0    | 0     | 0          |  | 0                      | 99   | 67    | 166        |  | 289        |
| 01:00 PM   | 2                        | 0    | 2     | 4          |  | 3                      | 22   | 0     | 25         |  | 0                        | 0    | 0     | 0          |  | 0                      | 38   | 9     | 47         |  | 76         |
| 01:15 PM   | 1                        | 2    | 3     | 6          |  | 4                      | 20   | 0     | 24         |  | 0                        | 0    | 0     | 0          |  | 0                      | 24   | 14    | 38         |  | 68         |
| 01:30 PM   | 4                        | 0    | 3     | 7          |  | 2                      | 14   | 0     | 16         |  | 0                        | 0    | 0     | 0          |  | 0                      | 22   | 5     | 27         |  | 50         |
| 01:45 PM   | 0                        | 0    | 2     | 2          |  | 3                      | 11   | 0     | 14         |  | 0                        | 0    | 0     | 0          |  | 0                      | 29   | 5     | 34         |  | 50         |
| Total      | 7                        | 2    | 10    | 19         |  | 12                     | 67   | 0     | 79         |  | 0                        | 0    | 0     | 0          |  | 0                      | 113  | 33    | 146        |  | 244        |
| 02:00 PM   | 2                        | 0    | 3     | 5          |  | 0                      | 20   | 0     | 20         |  | 0                        | 0    | 0     | 0          |  | 0                      | 30   | 14    | 44         |  | 69         |
| 02:15 PM   | 5                        | 1    | 3     | 9          |  | 2                      | 23   | 0     | 25         |  | 0                        | 0    | 0     | 0          |  | 0                      | 31   | 7     | 38         |  | 72         |
| 02:30 PM   | 2                        | 4    | 2     | 8          |  | 5                      | 24   | 0     | 29         |  | 0                        | 0    | 0     | 0          |  | 0                      | 33   | 5     | 38         |  | 75         |
| 02:45 PM   | 4                        | 7    | 2     | 13         |  | 3                      | 23   | 0     | 26         |  | 0                        | 0    | 0     | 0          |  | 0                      | 22   | 7     | 29         |  | 68         |
| Total      | 13                       | 12   | 10    | 35         |  | 10                     | 90   | 0     | 100        |  | 0                        | 0    | 0     | 0          |  | 0                      | 116  | 33    | 149        |  | 284        |
| 03:00 PM   | 1                        | 1    | 3     | 5          |  | 4                      | 19   | 0     | 23         |  | 0                        | 0    | 0     | 0          |  | 0                      | 40   | 7     | 47         |  | 75         |
| 03:15 PM   | 4                        | 2    | 4     | 10         |  | 2                      | 21   | 0     | 23         |  | 0                        | 0    | 0     | 0          |  | 0                      | 37   | 7     | 44         |  | 77         |
| 03:30 PM   | 5                        | 1    | 1     | 7          |  | 3                      | 15   | 0     | 18         |  | 0                        | 0    | 0     | 0          |  | 0                      | 44   | 13    | 57         |  | 82         |
| 03:45 PM   | 2                        | 2    | 3     | 7          |  | 4                      | 15   | 0     | 19         |  | 0                        | 0    | 0     | 0          |  | 0                      | 26   | 7     | 33         |  | 59         |
| Total      | 12                       | 6    | 11    | 29         |  | 13                     | 70   | 0     | 83         |  | 0                        | 0    | 0     | 0          |  | 0                      | 147  | 34    | 181        |  | 293        |
| 04:00 PM   | 4                        | 0    | 3     | 7          |  | 5                      | 19   | 0     | 24         |  | 0                        | 0    | 0     | 0          |  | 0                      | 42   | 14    | 56         |  | 87         |
| 04:15 PM   | 5                        | 1    | 0     | 6          |  | 2                      | 13   | 0     | 15         |  | 0                        | 0    | 0     | 0          |  | 0                      | 47   | 19    | 66         |  | 87         |
| 04:30 PM   | 9                        | 0    | 8     | 17         |  | 3                      | 14   | 0     | 17         |  | 0                        | 0    | 0     | 0          |  | 0                      | 45   | 7     | 52         |  | 86         |
| 04:45 PM   | 10                       | 10   | 4     | 24         |  | 8                      | 24   | 0     | 32         |  | 0                        | 0    | 0     | 0          |  | 0                      | 25   | 9     | 34         |  | 90         |
| Total      | 28                       | 11   | 15    | 54         |  | 18                     | 70   | 0     | 88         |  | 0                        | 0    | 0     | 0          |  | 0                      | 159  | 49    | 208        |  | 350        |
| 05:00 PM   | 2                        | 3    | 2     | 7          |  | 3                      | 18   | 0     | 21         |  | 0                        | 0    | 0     | 0          |  | 0                      | 31   | 12    | 43         |  | 71         |
| 05:15 PM   | 11                       | 11   | 8     | 30         |  | 5                      | 38   | 0     | 43         |  | 0                        | 0    | 0     | 0          |  | 0                      | 21   | 10    | 31         |  | 104        |
| 05:30 PM   | 7                        | 8    | 3     | 18         |  | 2                      | 22   | 0     | 24         |  | 0                        | 0    | 0     | 0          |  | 0                      | 38   | 14    | 52         |  | 94         |
| 05:45 PM   | 23                       | 15   | 16    | 54         |  | 6                      | 25   | 0     | 31         |  | 0                        | 0    | 0     | 0          |  | 0                      | 31   | 16    | 47         |  | 132        |
| Total      | 43                       | 37   | 29    | 109        |  | 16                     | 103  | 0     | 119        |  | 0                        | 0    | 0     | 0          |  | 0                      | 121  | 52    | 173        |  | 401        |

# Quigg Engineering, Inc.

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Attachment: Traffic Impact Study, dated 4-15-2019

K.1.n

Forest Avenue & Duane Street

Glen Ellyn, IL

12:00 PM - 12:00 AM

File Name : forest & duane pm

Site Code :

Start Date : 2/13/2019

Page No : 2

## Groups Printed- PC - SU - MU

| Start Time  | Forest Avenue From North |      |       |            | Duane Street From East |      |       |            | Forest Avenue From South |      |       |            | Duane Street From West |      |       |            | Int. Total |
|-------------|--------------------------|------|-------|------------|------------------------|------|-------|------------|--------------------------|------|-------|------------|------------------------|------|-------|------------|------------|
|             | Left                     | Thru | Right | App. Total | Left                   | Thru | Right | App. Total | Left                     | Thru | Right | App. Total | Left                   | Thru | Right | App. Total |            |
| 06:00 PM    | 8                        | 13   | 9     | 30         | 4                      | 24   | 0     | 28         | 1                        | 0    | 0     | 1          | 0                      | 26   | 19    | 45         | 104        |
| 06:15 PM    | 17                       | 20   | 5     | 42         | 4                      | 24   | 0     | 28         | 0                        | 0    | 0     | 0          | 0                      | 23   | 10    | 33         | 103        |
| 06:30 PM    | 2                        | 1    | 1     | 4          | 7                      | 17   | 0     | 24         | 0                        | 0    | 0     | 0          | 0                      | 33   | 8     | 41         | 69         |
| 06:45 PM    | 10                       | 18   | 12    | 40         | 10                     | 20   | 0     | 30         | 0                        | 0    | 0     | 0          | 0                      | 25   | 14    | 39         | 109        |
| Total       | 37                       | 52   | 27    | 116        | 25                     | 85   | 0     | 110        | 1                        | 0    | 0     | 1          | 0                      | 107  | 51    | 158        | 385        |
| 07:00 PM    | 1                        | 2    | 2     | 5          | 6                      | 23   | 0     | 29         | 0                        | 0    | 0     | 0          | 0                      | 28   | 8     | 36         | 70         |
| 07:15 PM    | 2                        | 1    | 1     | 4          | 4                      | 21   | 0     | 25         | 0                        | 0    | 0     | 0          | 0                      | 44   | 10    | 54         | 83         |
| 07:30 PM    | 5                        | 5    | 4     | 14         | 4                      | 6    | 0     | 10         | 0                        | 0    | 0     | 0          | 0                      | 18   | 3     | 21         | 45         |
| 07:45 PM    | 1                        | 1    | 1     | 3          | 5                      | 10   | 0     | 15         | 0                        | 0    | 0     | 0          | 0                      | 16   | 5     | 21         | 39         |
| Total       | 9                        | 9    | 8     | 26         | 19                     | 60   | 0     | 79         | 0                        | 0    | 0     | 0          | 0                      | 106  | 26    | 132        | 237        |
| 08:00 PM    | 1                        | 0    | 1     | 2          | 3                      | 15   | 0     | 18         | 0                        | 0    | 0     | 0          | 0                      | 20   | 2     | 22         | 42         |
| 08:15 PM    | 0                        | 2    | 1     | 3          | 5                      | 12   | 0     | 17         | 0                        | 0    | 0     | 0          | 0                      | 19   | 4     | 23         | 43         |
| 08:30 PM    | 6                        | 4    | 6     | 16         | 4                      | 7    | 0     | 11         | 0                        | 0    | 0     | 0          | 0                      | 16   | 2     | 18         | 45         |
| 08:45 PM    | 0                        | 1    | 1     | 2          | 2                      | 10   | 0     | 12         | 0                        | 0    | 0     | 0          | 0                      | 18   | 2     | 20         | 34         |
| Total       | 7                        | 7    | 9     | 23         | 14                     | 44   | 0     | 58         | 0                        | 0    | 0     | 0          | 0                      | 73   | 10    | 83         | 164        |
| 09:00 PM    | 0                        | 1    | 1     | 2          | 1                      | 8    | 0     | 9          | 0                        | 0    | 0     | 0          | 0                      | 17   | 2     | 19         | 30         |
| 09:15 PM    | 1                        | 0    | 5     | 6          | 1                      | 9    | 0     | 10         | 0                        | 0    | 0     | 0          | 0                      | 18   | 0     | 18         | 34         |
| 09:30 PM    | 2                        | 1    | 5     | 8          | 2                      | 6    | 0     | 8          | 0                        | 0    | 0     | 0          | 0                      | 16   | 3     | 19         | 35         |
| 09:45 PM    | 0                        | 0    | 0     | 0          | 0                      | 6    | 0     | 6          | 0                        | 0    | 0     | 0          | 0                      | 5    | 0     | 5          | 11         |
| Total       | 3                        | 2    | 11    | 16         | 4                      | 29   | 0     | 33         | 0                        | 0    | 0     | 0          | 0                      | 56   | 5     | 61         | 110        |
| 10:00 PM    | 0                        | 2    | 1     | 3          | 0                      | 2    | 0     | 2          | 0                        | 0    | 0     | 0          | 0                      | 5    | 3     | 8          | 13         |
| 10:15 PM    | 2                        | 1    | 2     | 5          | 0                      | 3    | 0     | 3          | 0                        | 0    | 0     | 0          | 0                      | 9    | 0     | 9          | 17         |
| 10:30 PM    | 2                        | 0    | 1     | 3          | 0                      | 2    | 0     | 2          | 0                        | 0    | 0     | 0          | 0                      | 13   | 0     | 13         | 18         |
| 10:45 PM    | 0                        | 0    | 0     | 0          | 0                      | 2    | 0     | 2          | 0                        | 0    | 0     | 0          | 0                      | 7    | 0     | 7          | 9          |
| Total       | 4                        | 3    | 4     | 11         | 0                      | 9    | 0     | 9          | 0                        | 0    | 0     | 0          | 0                      | 34   | 3     | 37         | 57         |
| 11:00 PM    | 0                        | 1    | 0     | 1          | 0                      | 2    | 0     | 2          | 0                        | 0    | 0     | 0          | 0                      | 1    | 1     | 2          | 5          |
| 11:15 PM    | 2                        | 1    | 1     | 4          | 0                      | 2    | 0     | 2          | 0                        | 0    | 0     | 0          | 0                      | 1    | 1     | 2          | 8          |
| 11:30 PM    | 0                        | 0    | 0     | 0          | 0                      | 4    | 0     | 4          | 0                        | 0    | 0     | 0          | 0                      | 1    | 0     | 1          | 5          |
| 11:45 PM    | 0                        | 1    | 0     | 1          | 0                      | 0    | 0     | 0          | 0                        | 0    | 0     | 0          | 0                      | 2    | 0     | 2          | 3          |
| Total       | 2                        | 3    | 1     | 6          | 0                      | 8    | 0     | 8          | 0                        | 0    | 0     | 0          | 0                      | 5    | 2     | 7          | 21         |
| Grand Total | 177                      | 145  | 148   | 470        | 146                    | 717  | 0     | 863        | 1                        | 0    | 0     | 1          | 0                      | 1136 | 365   | 1501       | 2835       |
| Approch %   | 37.7                     | 30.9 | 31.5  |            | 16.9                   | 83.1 | 0     |            | 100                      | 0    | 0     |            | 0                      | 75.7 | 24.3  |            |            |
| Total %     | 6.2                      | 5.1  | 5.2   | 16.6       | 5.1                    | 25.3 | 0     | 30.4       | 0                        | 0    | 0     | 0          | 0                      | 40.1 | 12.9  | 52.9       |            |
| PC          | 175                      | 144  | 146   | 465        | 146                    | 708  | 0     | 854        | 1                        | 0    | 0     | 1          | 0                      | 1125 | 363   | 1488       | 2808       |
| % PC        | 98.9                     | 99.3 | 98.6  | 98.9       | 100                    | 98.7 | 0     | 99         | 100                      | 0    | 0     | 100        | 0                      | 99   | 99.5  | 99.1       | 99         |
| SU          | 1                        | 1    | 2     | 4          | 0                      | 9    | 0     | 9          | 0                        | 0    | 0     | 0          | 0                      | 10   | 1     | 11         | 24         |
| % SU        | 0.6                      | 0.7  | 1.4   | 0.9        | 0                      | 1.3  | 0     | 1          | 0                        | 0    | 0     | 0          | 0                      | 0.9  | 0.3   | 0.7        | 0.8        |

File Name : forest & duane pm  
Site Code :  
Start Date : 2/13/2019  
Page No : 3

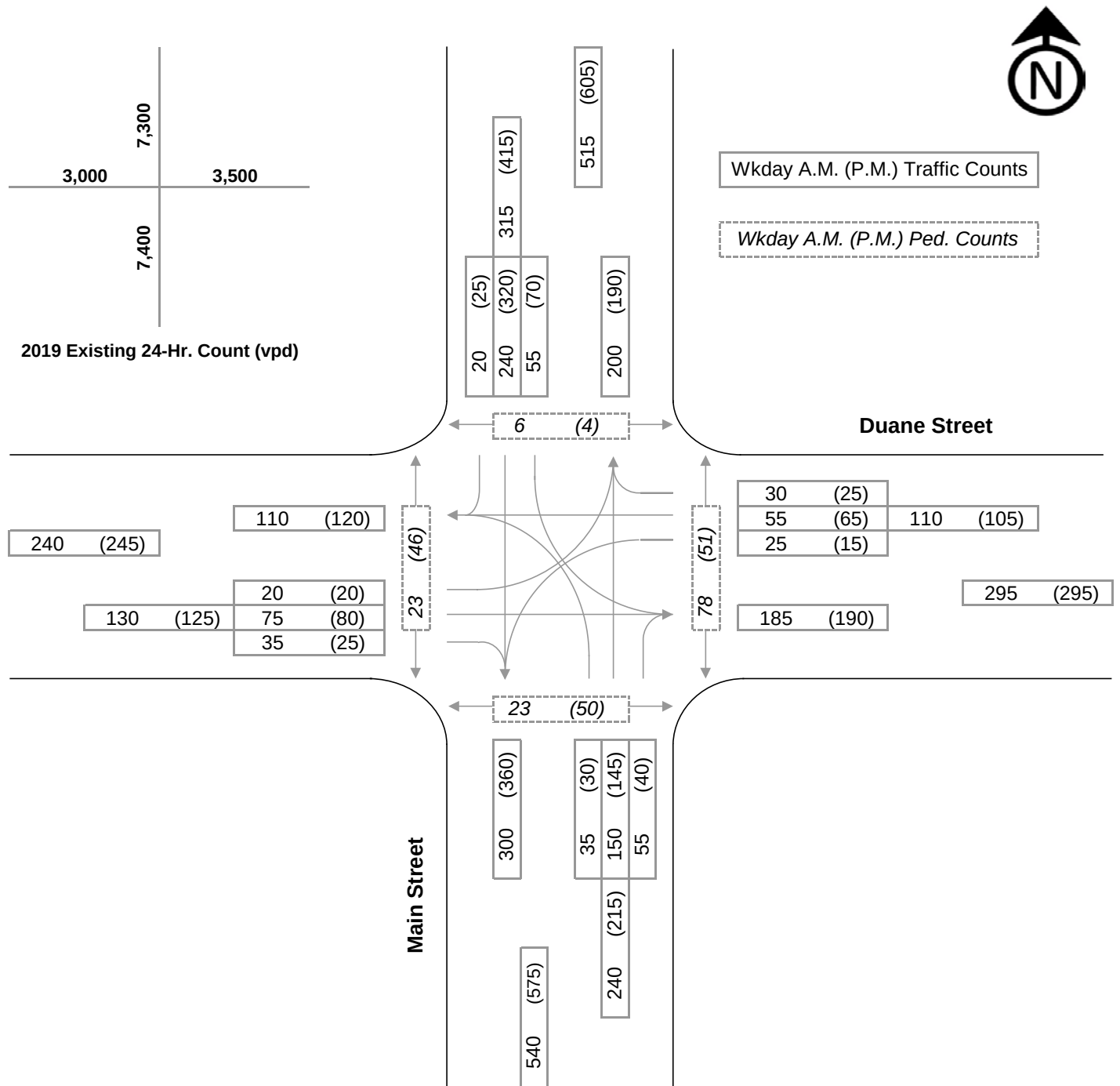
Packet Pg. 441

File Name: Forest &amp; Duane

Start Date: 2/13/2019

Start Time: 12:00:00 AM

| Start Time | Forest Avenue<br>Crossing North Leg |      |       |      | Duane Street<br>Crossing East Leg |      |       |      | Forest Avenue<br>Crossing South Leg |      |       |      | Duane Street<br>Crossing West Leg |      |       |      |
|------------|-------------------------------------|------|-------|------|-----------------------------------|------|-------|------|-------------------------------------|------|-------|------|-----------------------------------|------|-------|------|
|            | Left                                | Thru | Right | Peds | Left                              | Thru | Right | Peds | Left                                | Thru | Right | Peds | Left                              | Thru | Right | Peds |
| 12:00 AM   | 0                                   | 0    | 0     | 0    | 0                                 | 0    | 0     | 0    | 0                                   | 0    | 0     | 0    | 0                                 | 0    | 0     | 0    |
| 12:15 AM   | 0                                   | 0    | 0     | 0    | 0                                 | 0    | 0     | 0    | 0                                   | 0    | 0     | 0    | 0                                 | 0    | 0     | 0    |
| 12:30 AM   | 0                                   | 0    | 0     | 0    | 0                                 | 0    | 0     | 0    | 0                                   | 0    | 0     | 0    | 0                                 | 0    | 0     | 0    |
| 12:45 AM   | 0                                   | 0    | 0     | 0    | 0                                 | 0    | 0     | 0    | 0                                   | 0    | 0     | 0    | 0                                 | 0    | 0     | 0    |
| 01:00 AM   | 0                                   | 0    | 0     | 0    | 0                                 | 0    | 0     | 0    | 0                                   | 0    | 0     | 0    | 0                                 | 0    | 0     | 0    |
| 01:15 AM   | 0                                   | 0    | 0     | 0    | 0                                 | 0    | 0     | 0    | 0                                   | 0    | 0     | 0    | 0                                 | 0    | 0     | 0    |
| 01:30 AM   | 0                                   | 0    | 0     | 0    | 0                                 | 0    | 0     | 0    | 0                                   | 0    | 0     | 0    | 0                                 | 0    | 0     | 0    |
| 01:45 AM   | 0                                   | 0    | 0     | 0    | 0                                 | 0    | 0     | 0    | 0                                   | 0    | 0     | 0    | 0                                 | 0    | 0     | 0    |
| 02:00 AM   | 0                                   | 0    | 0     | 0    | 0                                 | 0    | 0     | 0    | 0                                   | 0    | 0     | 0    | 0                                 | 0    | 0     | 0    |
| 02:15 AM   | 0                                   | 0    | 0     | 0    | 0                                 | 0    | 0     | 0    | 0                                   | 0    | 0     | 0    | 0                                 | 0    | 0     | 0    |
| 02:30 AM   | 0                                   | 0    | 0     | 0    | 0                                 | 0    | 0     | 0    | 0                                   | 0    | 0     | 0    | 0                                 | 0    | 0     | 0    |
| 02:45 AM   | 0                                   | 0    | 0     | 1    | 0                                 | 0    | 0     | 0    | 0                                   | 0    | 0     | 0    | 0                                 | 0    | 0     | 0    |
| 03:00 AM   | 0                                   | 0    | 0     | 0    | 0                                 | 0    | 0     | 0    | 0                                   | 0    | 0     | 0    | 0                                 | 0    | 0     | 0    |
| 03:15 AM   | 0                                   | 0    | 0     | 0    | 0                                 | 0    | 0     | 0    | 0                                   | 0    | 0     | 0    | 0                                 | 0    | 0     | 0    |
| 03:30 AM   | 0                                   | 0    | 0     | 0    | 0                                 | 0    | 0     | 0    | 0                                   | 0    | 0     | 0    | 0                                 | 0    | 0     | 0    |
| 03:45 AM   | 0                                   | 0    | 0     | 0    | 0                                 | 0    | 0     | 0    | 0                                   | 0    | 0     | 0    | 0                                 | 0    | 0     | 0    |
| 04:00 AM   | 0                                   | 0    | 0     | 0    | 0                                 | 0    | 0     | 0    | 0                                   | 0    | 0     | 0    | 0                                 | 0    | 0     | 0    |
| 04:15 AM   | 0                                   | 0    | 0     | 0    | 0                                 | 0    | 0     | 0    | 0                                   | 0    | 0     | 0    | 0                                 | 0    | 0     | 0    |
| 04:30 AM   | 0                                   | 0    | 0     | 0    | 0                                 | 0    | 0     | 0    | 0                                   | 0    | 0     | 0    | 0                                 | 0    | 0     | 0    |
| 04:45 AM   | 0                                   | 0    | 0     | 0    | 0                                 | 0    | 0     | 0    | 0                                   | 0    | 0     | 1    | 0                                 | 0    | 0     | 0    |
| 05:00 AM   | 0                                   | 0    | 0     | 0    | 0                                 | 0    | 0     | 0    | 0                                   | 0    | 0     | 1    | 0                                 | 0    | 0     | 1    |
| 05:15 AM   | 0                                   | 0    | 0     | 0    | 0                                 | 0    | 0     | 0    | 0                                   | 0    | 0     | 0    | 0                                 | 0    | 0     | 0    |
| 05:30 AM   | 0                                   | 0    | 0     | 0    | 0                                 | 0    | 0     | 0    | 0                                   | 0    | 0     | 0    | 0                                 | 0    | 0     | 0    |
| 05:45 AM   | 0                                   | 0    | 0     | 0    | 0                                 | 0    | 0     | 0    | 0                                   | 0    | 0     | 1    | 0                                 | 0    | 0     | 0    |
| 06:00 AM   | 0                                   | 0    | 0     | 0    | 0                                 | 0    | 0     | 0    | 0                                   | 0    | 0     | 0    | 0                                 | 0    | 0     | 0    |
| 06:15 AM   | 0                                   | 0    | 0     | 0    | 0                                 | 0    | 0     | 1    | 0                                   | 0    | 0     | 0    | 0                                 | 0    | 0     | 0    |
| 06:30 AM   | 0                                   | 0    | 0     | 0    | 0                                 | 0    | 0     | 0    | 0                                   | 0    | 0     | 0    | 0                                 | 0    | 0     | 0    |
| 06:45 AM   | 0                                   | 0    | 0     | 0    | 0                                 | 0    | 0     | 0    | 0                                   | 0    | 0     | 0    | 0                                 | 0    | 0     | 1    |
| 07:00 AM   | 0                                   | 0    | 0     | 2    | 0                                 | 0    | 0     | 1    | 0                                   | 0    | 0     | 0    | 0                                 | 0    | 0     | 0    |
| 07:15 AM   | 0                                   | 0    | 0     | 2    | 0                                 | 0    | 0     | 2    | 0                                   | 0    | 0     | 0    | 0                                 | 0    | 0     | 1    |
| 07:30 AM   | 0                                   | 0    | 0     | 1    | 0                                 | 0    | 0     | 0    | 0                                   | 0    | 0     | 0    | 0                                 | 0    | 0     | 0    |
| 07:45 AM   | 0                                   | 0    | 0     | 2    | 0                                 | 0    | 0     | 0    | 0                                   | 0    | 0     | 0    | 0                                 | 0    | 0     | 0    |
| 08:00 AM   | 0                                   | 0    | 0     | 0    | 0                                 | 0    | 0     | 0    | 0                                   | 0    | 0     | 0    | 0                                 | 0    | 0     | 1    |
| 08:15 AM   | 0                                   | 0    | 0     | 0    | 0                                 | 0    | 0     | 0    | 0                                   | 0    | 0     | 0    | 0                                 | 0    | 0     | 0    |
| 08:30 AM   | 0                                   | 0    | 0     | 0    | 0                                 | 0    | 0     | 0    | 0                                   | 0    | 0     | 0    | 0                                 | 0    | 0     | 0    |
| 08:45 AM   | 0                                   | 0    | 0     | 0    | 0                                 | 0    | 0     | 0    | 0                                   | 0    | 0     | 0    | 0                                 | 0    | 0     | 0    |
| 09:00 AM   | 0                                   | 0    | 0     | 2    | 0                                 | 0    | 0     | 0    | 0                                   | 0    | 0     | 0    | 0                                 | 0    | 0     | 0    |
| 09:15 AM   | 0                                   | 0    | 0     | 1    | 0                                 | 0    | 0     | 0    | 0                                   | 0    | 0     | 1    | 0                                 | 0    | 0     | 1    |
| 09:30 AM   | 0                                   | 0    | 0     | 0    | 0                                 | 0    | 0     | 0    | 0                                   | 0    | 0     | 0    | 0                                 | 0    | 0     | 0    |
| 09:45 AM   | 0                                   | 0    | 0     | 0    | 0                                 | 0    | 0     | 0    | 0                                   | 0    | 0     | 0    | 0                                 | 0    | 0     | 0    |
| 10:00 AM   | 0                                   | 0    | 0     | 0    | 0                                 | 0    | 0     | 1    | 0                                   | 0    | 0     | 0    | 0                                 | 0    | 0     | 0    |
| 10:15 AM   | 0                                   | 0    | 0     | 1    | 0                                 | 0    | 0     | 0    | 0                                   | 0    | 0     | 0    | 0                                 | 0    | 0     | 0    |
| 10:30 AM   | 0                                   | 0    | 0     | 0    | 0                                 | 0    | 0     | 0    | 0                                   | 0    | 0     | 0    | 0                                 | 0    | 0     | 0    |
| 10:45 AM   | 0                                   | 0    | 0     | 0    | 0                                 | 0    | 0     | 0    | 0                                   | 0    | 0     | 0    | 0                                 | 0    | 0     | 0    |
| 11:00 AM   | 0                                   | 0    | 0     | 1    | 0                                 | 0    | 0     | 0    | 0                                   | 0    | 0     | 0    | 0                                 | 0    | 0     | 0    |
| 11:15 AM   | 0                                   | 0    | 0     | 0    | 0                                 | 0    | 0     | 1    | 0                                   | 0    | 0     | 1    | 0                                 | 0    | 0     | 0    |
| 11:30 AM   | 0                                   | 0    | 0     | 0    | 0                                 | 0    | 0     | 0    | 0                                   | 0    | 0     | 0    | 0                                 | 0    | 0     | 0    |
| 11:45 AM   | 0                                   | 0    | 0     | 0    | 0                                 | 0    | 0     | 0    | 0                                   | 0    | 0     | 0    | 0                                 | 0    | 0     | 0    |
| 12:00 PM   | 0                                   | 0    | 0     | 4    | 0                                 | 0    | 0     | 0    | 0                                   | 0    | 0     | 0    | 0                                 | 0    | 0     | 1    |
| 12:15 PM   | 0                                   | 0    | 0     | 0    | 0                                 | 0    | 0     | 0    | 0                                   | 0    | 0     | 2    | 0                                 | 0    | 0     | 0    |
| 12:30 PM   | 0                                   | 0    | 0     | 1    | 0                                 | 0    | 0     | 1    | 0                                   | 0    | 0     | 0    | 0                                 | 0    | 0     | 1    |
| 12:45 PM   | 0                                   | 0    | 0     | 0    | 0                                 | 0    | 0     | 1    | 0                                   | 0    | 0     | 1    | 0                                 | 0    | 0     | 2    |
| 01:00 PM   | 0                                   | 0    | 0     | 1    | 0                                 | 0    | 0     | 0    | 0                                   | 0    | 0     | 0    | 0                                 | 0    | 0     | 2    |
| 01:15 PM   | 0                                   | 0    | 0     | 3    | 0                                 | 0    | 0     | 0    | 0                                   | 0    | 0     | 1    | 0                                 | 0    | 0     | 0    |
| 01:30 PM   | 0                                   | 0    | 0     | 1    | 0                                 | 0    | 0     | 0    | 0                                   | 0    | 0     | 0    | 0                                 | 0    | 0     | 0    |
| 01:45 PM   | 0                                   | 0    | 0     | 0    | 0                                 | 0    | 0     | 0    | 0                                   | 0    | 0     | 1    | 0                                 | 0    | 0     | 0    |
| 02:00 PM   | 0                                   | 0    | 0     | 0    | 0                                 | 0    | 0     | 1    | 0                                   | 0    | 0     | 0    | 0                                 | 0    | 0     | 0    |
| 02:15 PM   | 0                                   | 0    | 0     | 0    | 0                                 | 0    | 0     | 1    | 0                                   | 0    | 0     | 0    | 0                                 | 0    | 0     | 0    |
| 02:30 PM   | 0                                   | 0    | 0     | 1    | 0                                 | 0    | 0     | 2    | 0                                   | 0    | 0     | 0    | 0                                 | 0    | 0     | 3    |
| 02:45 PM   | 0                                   | 0    | 0     | 0    | 0                                 | 0    | 0     | 0    | 0                                   | 0    | 0     | 0    | 0                                 | 0    | 0     | 2    |
| 03:00 PM   | 0                                   | 0    | 0     | 0    | 0                                 | 0    | 0     | 0    | 0                                   | 0    | 0     | 0    | 0                                 | 0    | 0     | 2    |
| 03:15 PM   | 0                                   | 0    | 0     | 0    | 0                                 | 0    | 0     | 1    | 0                                   | 0    | 0     | 0    | 0                                 | 0    | 0     | 0    |
| 03:30 PM   | 0                                   | 0    | 0     | 1    | 0                                 | 0    | 0     | 0    | 0                                   | 0    | 0     | 0    | 0                                 | 0    | 0     | 0    |
| 03:45 PM   | 0                                   | 0    | 0     | 0    | 0                                 | 0    | 0     | 0    | 0                                   | 0    | 0     | 0    | 0                                 | 0    | 0     | 4    |
| 04:00 PM   | 0                                   | 0    | 0     | 0    | 0                                 | 0    | 0     | 0    | 0                                   | 0    | 0     | 0    | 0                                 | 0    | 0     | 0    |
| 04:15 PM   | 0                                   | 0    | 0     | 0    | 0                                 | 0    | 0     | 0    | 0                                   | 0    | 0     | 0    | 0                                 | 0    | 0     | 0    |
| 04:30 PM   | 0                                   | 0    | 0     | 2    | 0                                 | 0    | 0     | 3    | 0                                   | 0    | 0     | 0    | 0                                 | 0    | 0     | 3    |
| 04:45 PM   | 0                                   | 0    | 0     | 2    | 0                                 | 0    | 0     | 2    | 0                                   | 0    | 0     | 0    | 0                                 | 0    | 0     | 3    |
| 05:00 PM   | 0                                   | 0    | 0     | 0    | 0                                 | 0    | 0     | 0    | 0                                   | 0    | 0     | 0    | 0                                 | 0    | 0     | 0    |
| 05:15 PM   | 0                                   | 0    | 0     | 2    | 0                                 | 0    | 0     | 1    | 0                                   | 0    | 0     | 0    | 0                                 | 0    | 0     | 5    |
| 05:30 PM   | 0                                   | 0    | 0     | 2    | 0                                 | 0    | 0     | 4    | 0                                   | 0    | 0     | 0    | 0                                 | 0    | 0     | 7    |
| 05:45 PM   | 0                                   | 0    | 0     | 4    | 0                                 | 0    | 0     | 1    | 0                                   | 0    | 0     | 0    | 0                                 | 0    | 0     | 7    |
| 06:00 PM   | 0                                   | 0    | 0     | 2    | 0                                 | 0    | 0     | 2    | 0                                   | 0    | 0     | 1    | 0                                 | 0    | 0     | 5    |
| 06:15 PM   | 0                                   | 0    | 0     | 0    | 0                                 | 0    | 0     | 3    | 0                                   | 0    | 0     | 1    | 0                                 | 0    | 0     | 5    |
| 06:30 PM   | 0                                   | 0    | 0     | 0    | 0                                 | 0    | 0     | 0    | 0                                   | 0    | 0     | 0    | 0                                 | 0    | 0     | 0    |
| 06:45 PM   | 0                                   | 0    | 0     | 0    | 0                                 | 0    | 0     | 2    | 0                                   | 0    | 0     | 0    | 0                                 | 0    | 0     | 1    |
| 07:00 PM   | 0                                   | 0    | 0     | 0    | 0                                 | 0    | 0     | 0    | 0                                   | 0    | 0     | 0    | 0                                 | 0    | 0     | 0    |
| 07:15 PM   | 0                                   | 0    | 0     | 1    | 0                                 | 0    | 0     | 0    | 0                                   | 0    | 0     | 0    | 0                                 | 0    | 0     | 1    |
| 07:30 PM   | 0                                   | 0    | 0     | 0    | 0                                 | 0    | 0     | 0    | 0                                   | 0    | 0     | 0    | 0                                 | 0    | 0     | 1    |
| 07:45 PM   | 0                                   | 0    | 0     | 0    | 0                                 | 0    | 0     | 0    | 0                                   | 0    | 0     | 0    | 0                                 | 0    | 0     | 0    |
| 08:00 PM   | 0                                   | 0    | 0     | 0    | 0                                 | 0    | 0     | 0    | 0                                   | 0    | 0     | 0    | 0                                 | 0    | 0     | 0    |
| 08:15 PM   | 0                                   | 0    | 0     | 0    | 0                                 | 0    | 0     | 2    | 0                                   | 0    | 0     | 2    | 0                                 | 0    | 0     | 0    |
| 08:30 PM   | 0                                   | 0    | 0     | 0    | 0                                 | 0    | 0     | 1    | 0                                   | 0    | 0     | 0    | 0                                 | 0    | 0     | 2    |
| 08:45 PM   | 0                                   | 0    | 0     | 0    | 0                                 | 0    | 0     | 0    | 0                                   | 0    | 0     | 0    | 0                                 | 0    | 0     | 0    |
| 09:00 PM   | 0                                   | 0    | 0     | 0    | 0                                 | 0    | 0     | 0    | 0                                   | 0    | 0     | 0    | 0                                 | 0    | 0     | 0    |
| 09:15 PM   | 0                                   | 0    | 0     | 0    | 0                                 | 0    | 0     | 0    | 0                                   | 0    | 0     | 0    | 0                                 | 0    | 0     | 1    |
| 09:30 PM   | 0                                   | 0    | 0     | 0    | 0                                 | 0    | 0     | 0    | 0                                   | 0    | 0     | 0    | 0                                 | 0    | 0     | 0    |
| 09:45 PM   | 0                                   | 0    | 0     | 0    | 0                                 | 0    | 0     | 0    | 0                                   | 0    | 0     | 0    | 0                                 | 0    | 0     | 0    |
| 10:00 PM   | 0                                   | 0    | 0     | 0    | 0                                 | 0    | 0     | 0    | 0                                   | 0    | 0     | 0    | 0                                 | 0    | 0     | 0    |
| 10:15 PM   | 0                                   | 0    | 0     | 0    | 0                                 | 0    | 0     | 0    | 0                                   | 0    | 0     | 0    | 0                                 | 0    | 0     | 0    |
| 10:30 PM   | 0                                   | 0    | 0     | 0    | 0                                 | 0    | 0     | 0    | 0                                   | 0    | 0     | 0    | 0                                 | 0    | 0     | 0    |
| 10:45 PM   | 0                                   | 0    | 0     | 0    | 0                                 | 0    | 0     | 0    | 0                                   | 0    | 0     | 0    | 0                                 | 0    | 0     | 0    |
| 11:00 PM   | 0                                   | 0    | 0     | 0    | 0                                 | 0    | 0     | 1    | 0                                   | 0    | 0     | 1    | 0                                 | 0    | 0     | 0    |
| 11:15 PM   | 0                                   | 0    | 0     | 0    | 0                                 | 0    | 0     | 1    | 0                                   | 0    | 0     | 0    | 0                                 | 0    | 0     | 0    |
| 11:30 PM   | 0                                   | 0    | 0     | 0    | 0                                 | 0    | 0     | 0    | 0                                   | 0    | 0     | 0    | 0                                 | 0    | 0     | 0    |
| 11:45 PM   | 0                                   | 0    | 0     | 0    | 0                                 | 0    | 0     | 0    | 0                                   | 0    | 0     | 0    | 0                                 | 0    | 0     | 0    |

**Vehicle Traffic Peak Hours:**

7:15 A.M. to 8:15 A.M.

4:30 P.M. to 5:30 P.M.

**Count Date(s):**

Tuesday, 3/19/2019

Village of Glen Ellyn

CBD Streetscape and Utility Improvements

**2019 Existing Peak Hour Traffic**

Main Street and Duane Street



Prepared: 3/29/2019

File: PHD Main and Duane.xlsx

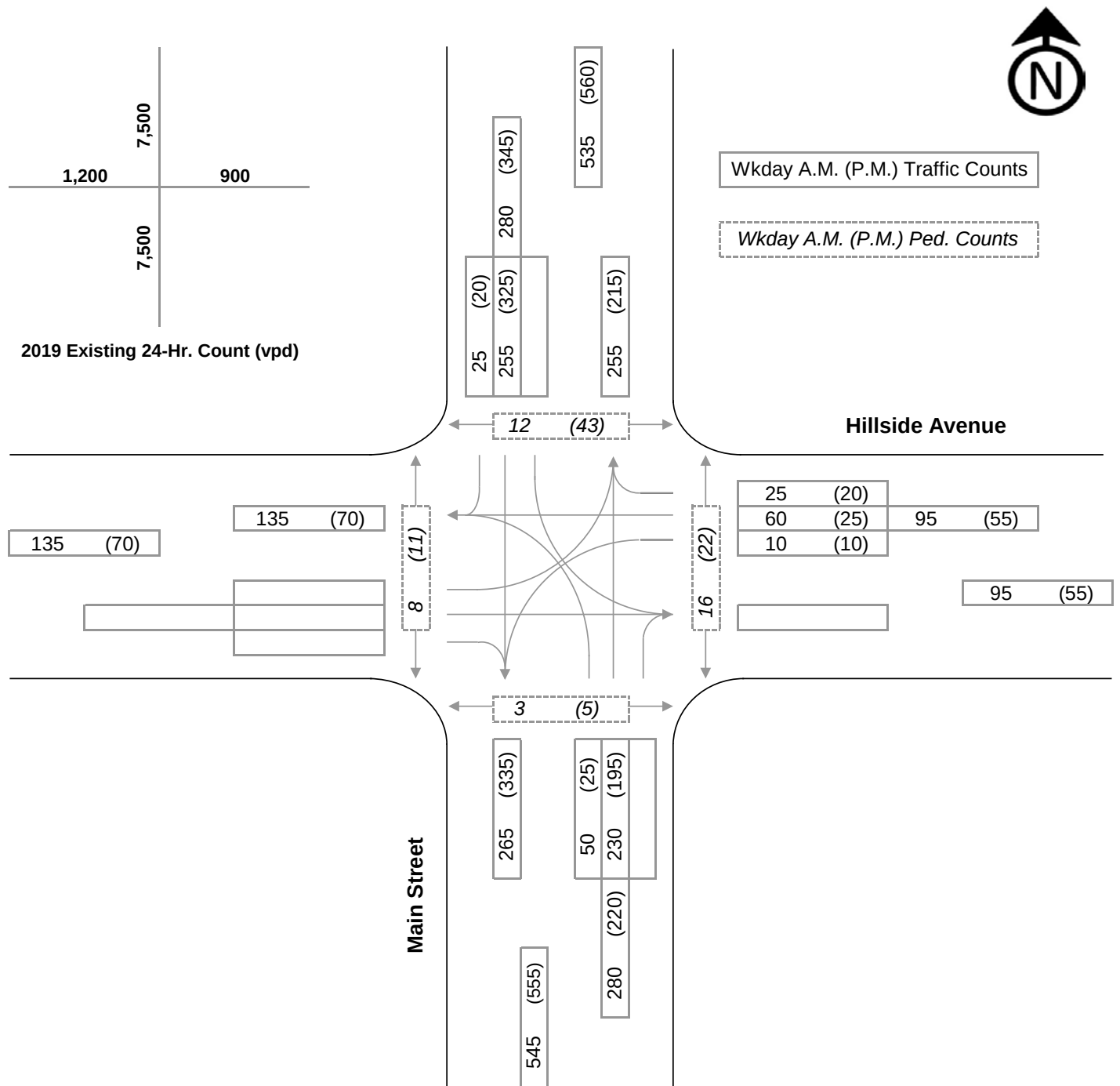
## Total Vehicles (1-hour intervals)

Project CBD Streetscape and Utility Improvements  
Count Date 3/19/2019

| Start Time | Main Street    |      |      |       |       |                |      |       |       |      | Duane Street    |               |       |       |      |      |               |      |       |  | Intersection Total |                 |  |
|------------|----------------|------|------|-------|-------|----------------|------|-------|-------|------|-----------------|---------------|-------|-------|------|------|---------------|------|-------|--|--------------------|-----------------|--|
|            | North Approach |      |      |       |       | South Approach |      |       |       |      | Both Approaches | East Approach |       |       |      |      | West Approach |      |       |  |                    | Both Approaches |  |
|            | Right          | Thru | Left | Total | Right | Thru           | Left | Total | Right | Thru |                 | Left          | Total | Right | Thru | Left | Total         |      |       |  |                    |                 |  |
| 12:00 AM   | 2              | 9    | 5    | 16    | 1     | 6              | 3    | 10    | 26    | 2    | 2               | 1             | 5     | 0     | 1    | 1    | 2             | 7    | 33    |  |                    |                 |  |
| 1:00 AM    | 0              | 5    | 1    | 6     | 1     | 4              | 3    | 8     | 14    | 0    | 0               | 1             | 1     | 0     | 1    | 0    | 1             | 2    | 16    |  |                    |                 |  |
| 2:00 AM    | 0              | 4    | 2    | 6     | 0     | 5              | 1    | 6     | 12    | 0    | 0               | 0             | 0     | 1     | 1    | 0    | 2             | 2    | 14    |  |                    |                 |  |
| 3:00 AM    | 0              | 12   | 3    | 15    | 1     | 4              | 0    | 5     | 20    | 1    | 1               | 1             | 3     | 0     | 2    | 0    | 2             | 5    | 25    |  |                    |                 |  |
| 4:00 AM    | 0              | 10   | 3    | 13    | 1     | 10             | 1    | 12    | 25    | 1    | 0               | 3             | 4     | 1     | 3    | 0    | 4             | 8    | 33    |  |                    |                 |  |
| 5:00 AM    | 4              | 24   | 14   | 42    | 8     | 16             | 5    | 29    | 71    | 4    | 9               | 3             | 16    | 3     | 12   | 3    | 18            | 34   | 105   |  |                    |                 |  |
| 6:00 AM    | 8              | 79   | 28   | 115   | 13    | 71             | 10   | 94    | 209   | 18   | 20              | 7             | 45    | 8     | 13   | 7    | 28            | 73   | 282   |  |                    |                 |  |
| 7:00 AM    | 17             | 217  | 48   | 282   | 55    | 152            | 27   | 234   | 516   | 29   | 45              | 23            | 97    | 17    | 67   | 19   | 103           | 200  | 716   |  |                    |                 |  |
| 8:00 AM    | 17             | 263  | 55   | 335   | 35    | 127            | 32   | 194   | 529   | 30   | 50              | 11            | 91    | 48    | 77   | 15   | 140           | 231  | 760   |  |                    |                 |  |
| 9:00 AM    | 12             | 209  | 48   | 269   | 30    | 87             | 25   | 142   | 411   | 18   | 49              | 10            | 77    | 35    | 43   | 19   | 97            | 174  | 585   |  |                    |                 |  |
| 10:00 AM   | 16             | 203  | 55   | 274   | 33    | 138            | 25   | 196   | 470   | 28   | 25              | 13            | 66    | 29    | 51   | 23   | 103           | 169  | 639   |  |                    |                 |  |
| 11:00 AM   | 22             | 263  | 51   | 336   | 39    | 157            | 35   | 231   | 567   | 28   | 41              | 20            | 89    | 28    | 59   | 14   | 101           | 190  | 757   |  |                    |                 |  |
| 12:00 PM   | 22             | 236  | 44   | 302   | 39    | 169            | 41   | 249   | 551   | 24   | 32              | 14            | 70    | 40    | 53   | 23   | 116           | 186  | 737   |  |                    |                 |  |
| 1:00 PM    | 14             | 200  | 45   | 259   | 42    | 143            | 30   | 215   | 474   | 22   | 49              | 17            | 88    | 28    | 53   | 18   | 99            | 187  | 661   |  |                    |                 |  |
| 2:00 PM    | 24             | 220  | 36   | 280   | 43    | 153            | 25   | 221   | 501   | 35   | 51              | 9             | 95    | 29    | 60   | 21   | 110           | 205  | 706   |  |                    |                 |  |
| 3:00 PM    | 23             | 249  | 58   | 330   | 30    | 158            | 35   | 223   | 553   | 16   | 61              | 14            | 91    | 41    | 95   | 16   | 152           | 243  | 796   |  |                    |                 |  |
| 4:00 PM    | 16             | 267  | 56   | 339   | 39    | 137            | 28   | 204   | 543   | 18   | 70              | 11            | 99    | 34    | 62   | 16   | 112           | 211  | 754   |  |                    |                 |  |
| 5:00 PM    | 20             | 307  | 49   | 376   | 46    | 156            | 28   | 230   | 606   | 30   | 58              | 24            | 112   | 32    | 86   | 17   | 135           | 247  | 853   |  |                    |                 |  |
| 6:00 PM    | 27             | 231  | 50   | 308   | 39    | 164            | 26   | 229   | 537   | 21   | 42              | 23            | 86    | 39    | 59   | 15   | 113           | 199  | 736   |  |                    |                 |  |
| 7:00 PM    | 13             | 171  | 37   | 221   | 33    | 119            | 24   | 176   | 397   | 11   | 26              | 12            | 49    | 29    | 60   | 14   | 103           | 152  | 549   |  |                    |                 |  |
| 8:00 PM    | 10             | 131  | 24   | 165   | 13    | 96             | 18   | 127   | 292   | 8    | 23              | 7             | 38    | 13    | 22   | 8    | 43            | 81   | 373   |  |                    |                 |  |
| 9:00 PM    | 3              | 90   | 18   | 111   | 18    | 74             | 11   | 103   | 214   | 4    | 27              | 7             | 38    | 10    | 15   | 7    | 32            | 70   | 284   |  |                    |                 |  |
| 10:00 PM   | 2              | 60   | 8    | 70    | 6     | 43             | 6    | 55    | 125   | 9    | 4               | 3             | 16    | 7     | 9    | 4    | 20            | 36   | 161   |  |                    |                 |  |
| 11:00 PM   | 1              | 16   | 2    | 19    | 2     | 11             | 6    | 19    | 38    | 2    | 4               | 1             | 7     | 1     | 3    | 0    | 4             | 11   | 49    |  |                    |                 |  |
| TOTAL      | 273            | 3476 | 740  | 4489  | 567   | 2200           | 445  | 3212  | 7701  | 359  | 689             | 235           | 1283  | 473   | 907  | 260  | 1640          | 2923 | 10624 |  |                    |                 |  |

## 24-Hour Vehicle Traffic Count

North Leg 7,300  
South Leg 7,400  
East Leg 3,500  
West Leg 3,000



Village of Glen Ellyn

CBD Streetscape and Utility Improvements

**2019 Existing Peak Hour Traffic**

Main Street and Hillside Avenue



Prepared: 4/8/2019

File: PHD Main and Hillside.xlsx



## Total Vehicles (1-hour intervals)

Project CBD Streetscape and Utility Improvements  
Count Date 3/19/2019

|            | Main Street    |      |      |       |       |                |      |       |       |      | Hillside Avenue |               |       |       |      |               |       |       |      |                 | Intersection |       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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|            | North Approach |      |      |       |       | South Approach |      |       |       |      | Both Approaches | East Approach |       |       |      | West Approach |       |       |      | Both Approaches |              |       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|            | Right          | Thru | Left | Total | Right | Thru           | Left | Total | Right | Thru |                 | Left          | Total | Right | Thru | Left          | Total | Right | Thru | Left            |              | Total |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Start Time | 2              | 12   | 0    | 14    | 0     | 6              | 0    | 6     | 20    |      |                 |               |       |       |      |               |       |       |      |                 |              |       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

## 24-Hour Vehicle Traffic Count

North Leg 7,500  
South Leg 7,500  
East Leg 900  
West Leg 1,200



## Chicago Metropolitan Agency for Planning

233 South Wacker Drive  
Suite 800  
Chicago, Illinois 60606

312 454 0400  
www.cmap.illinois.gov

June 25, 2018

Brendan S. May  
Consultant  
Kenig, Lindgren, O'Hara and Aboona, Inc.  
9575 West Higgins Road  
Suite 400  
Rosemont, IL 60018

**Subject: Main Street from Hillside Avenue to Duane Street  
IDOT**

Dear Mr. May:

In response to a request made on your behalf and dated June 22, 2018, we have developed year 2040 average daily traffic (ADT) projections for the subject location.

| ROAD SEGMENT                          | Current ADT | Year 2040 ADT |
|---------------------------------------|-------------|---------------|
| Main St from Hillside Ave to Duane St | 6,450       | 7,700         |

Traffic projections are developed using existing ADT data provided in the request letter and the results from the March 2018 CMAP Travel Demand Analysis. The regional travel model uses CMAP 2040 socioeconomic projections and assumes the implementation of the GO TO 2040 Comprehensive Regional Plan for the Northeastern Illinois area. The provision of this data in support of your request does not constitute a CMAP endorsement of the proposed development or any subsequent developments.

If you have any questions, please call me at (312) 386-8806.

Sincerely,

Jose Rodriguez, PTP, AICP  
Senior Planner, Research & Analysis

cc: Quigley (IDOT)  
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Attachment: 29. Traffic Impact Study (3701 : 400 & 418 N. Main Street - Apex 400 - Preliminary PUD)

HCM 6th TWSC  
2: VH Lot & Duane St

Glen Ellyn Parking Garage  
04/12/2019

| Intersection             |                                                                                   |      |        |                                                                                   |        |                                                                                   |
|--------------------------|-----------------------------------------------------------------------------------|------|--------|-----------------------------------------------------------------------------------|--------|-----------------------------------------------------------------------------------|
| Int Delay, s/veh         | 1.1                                                                               |      |        |                                                                                   |        |                                                                                   |
| Movement                 | EBT                                                                               | EBR  | WBL    | WBT                                                                               | NBL    | NBR                                                                               |
| Lane Configurations      |  |      |        |  |        |  |
| Traffic Vol, veh/h       | 165                                                                               | 21   | 17     | 109                                                                               | 16     | 9                                                                                 |
| Future Vol, veh/h        | 165                                                                               | 21   | 17     | 109                                                                               | 16     | 9                                                                                 |
| Conflicting Peds, #/hr   | 0                                                                                 | 10   | 10     | 0                                                                                 | 0      | 0                                                                                 |
| Sign Control             | Free                                                                              | Free | Free   | Free                                                                              | Stop   | Stop                                                                              |
| RT Channelized           | -                                                                                 | None | -      | None                                                                              | -      | None                                                                              |
| Storage Length           | -                                                                                 | -    | -      | -                                                                                 | 0      | -                                                                                 |
| Veh in Median Storage, # | 0                                                                                 | -    | -      | 0                                                                                 | 0      | -                                                                                 |
| Grade, %                 | 0                                                                                 | -    | -      | 0                                                                                 | 0      | -                                                                                 |
| Peak Hour Factor         | 93                                                                                | 93   | 93     | 93                                                                                | 93     | 93                                                                                |
| Heavy Vehicles, %        | 2                                                                                 | 2    | 2      | 2                                                                                 | 2      | 2                                                                                 |
| Mvmt Flow                | 177                                                                               | 23   | 18     | 117                                                                               | 17     | 10                                                                                |
|                          |                                                                                   |      |        |                                                                                   |        |                                                                                   |
| Major/Minor              | Major1                                                                            |      | Major2 |                                                                                   | Minor1 |                                                                                   |
| Conflicting Flow All     | 0                                                                                 | 0    | 210    | 0                                                                                 | 352    | 199                                                                               |
| Stage 1                  | -                                                                                 | -    | -      | -                                                                                 | 199    | -                                                                                 |
| Stage 2                  | -                                                                                 | -    | -      | -                                                                                 | 153    | -                                                                                 |
| Critical Hdwy            | -                                                                                 | -    | 4.12   | -                                                                                 | 6.42   | 6.22                                                                              |
| Critical Hdwy Stg 1      | -                                                                                 | -    | -      | -                                                                                 | 5.42   | -                                                                                 |
| Critical Hdwy Stg 2      | -                                                                                 | -    | -      | -                                                                                 | 5.42   | -                                                                                 |
| Follow-up Hdwy           | -                                                                                 | -    | 2.218  | -                                                                                 | 3.518  | 3.318                                                                             |
| Pot Cap-1 Maneuver       | -                                                                                 | -    | 1361   | -                                                                                 | 646    | 842                                                                               |
| Stage 1                  | -                                                                                 | -    | -      | -                                                                                 | 835    | -                                                                                 |
| Stage 2                  | -                                                                                 | -    | -      | -                                                                                 | 875    | -                                                                                 |
| Platoon blocked, %       | -                                                                                 | -    |        | -                                                                                 |        |                                                                                   |
| Mov Cap-1 Maneuver       | -                                                                                 | -    | 1348   | -                                                                                 | 630    | 834                                                                               |
| Mov Cap-2 Maneuver       | -                                                                                 | -    | -      | -                                                                                 | 630    | -                                                                                 |
| Stage 1                  | -                                                                                 | -    | -      | -                                                                                 | 827    | -                                                                                 |
| Stage 2                  | -                                                                                 | -    | -      | -                                                                                 | 863    | -                                                                                 |
|                          |                                                                                   |      |        |                                                                                   |        |                                                                                   |
|                          |                                                                                   |      |        |                                                                                   |        |                                                                                   |
| Approach                 | EB                                                                                |      | WB     |                                                                                   | NB     |                                                                                   |
| HCM Control Delay, s     | 0                                                                                 |      | 1      |                                                                                   | 10.4   |                                                                                   |
| HCM LOS                  | B                                                                                 |      |        |                                                                                   |        |                                                                                   |
|                          |                                                                                   |      |        |                                                                                   |        |                                                                                   |
|                          |                                                                                   |      |        |                                                                                   |        |                                                                                   |
| Minor Lane/Major Mvmt    | NBLn1                                                                             | EBT  | EBR    | WBL                                                                               | WBT    |                                                                                   |
| Capacity (veh/h)         | 691                                                                               | -    | -      | 1348                                                                              | -      |                                                                                   |
| HCM Lane V/C Ratio       | 0.039                                                                             | -    | -      | 0.014                                                                             | -      |                                                                                   |
| HCM Control Delay (s)    | 10.4                                                                              | -    | -      | 7.7                                                                               | 0      |                                                                                   |
| HCM Lane LOS             | B                                                                                 | -    | -      | A                                                                                 | A      |                                                                                   |
| HCM 95th %tile Q(veh)    | 0.1                                                                               | -    | -      | 0                                                                                 | -      |                                                                                   |

HCM 6th TWSC  
7: Forest Ave & Duane St

Glen Ellyn Parking Garage  
04/12/2019

## Intersection

Int Delay, s/veh 1.1

| Movement                 | EBL  | EBT  | EBR  | WBL  | WBT  | WBR  | NBL  | NBT   | NBR  | SBL  | SBT  | SBR  |
|--------------------------|------|------|------|------|------|------|------|-------|------|------|------|------|
| Lane Configurations      |      | ↱    |      |      | ↰    |      |      |       |      | ↱    | ↰    |      |
| Traffic Vol, veh/h       | 0    | 149  | 25   | 23   | 122  | 0    | 0    | 0     | 0    | 8    | 6    | 4    |
| Future Vol, veh/h        | 0    | 149  | 25   | 23   | 122  | 0    | 0    | 0     | 0    | 8    | 6    | 4    |
| Conflicting Peds, #/hr   | 5    | 0    | 0    | 0    | 0    | 5    | 2    | 0     | 2    | 2    | 0    | 2    |
| Sign Control             | Free | Free | Free | Free | Free | Free | Free | Free  | Free | Stop | Stop | Stop |
| RT Channelized           | -    | -    | None | -    | -    | None | -    | -     | None | -    | -    | None |
| Storage Length           | -    | -    | -    | -    | -    | -    | -    | -     | -    | 0    | -    | -    |
| Veh in Median Storage, # | -    | 0    | -    | -    | 0    | -    | -    | 16974 | -    | -    | 0    | -    |
| Grade, %                 | -    | 0    | -    | -    | 0    | -    | -    | 0     | -    | -    | 0    | -    |
| Peak Hour Factor         | 76   | 76   | 76   | 76   | 76   | 76   | 76   | 76    | 76   | 76   | 76   | 76   |
| Heavy Vehicles, %        | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2     | 2    | 2    | 2    | 2    |
| Mvmt Flow                | 0    | 196  | 33   | 30   | 161  | 0    | 0    | 0     | 0    | 11   | 8    | 5    |

| Major/Minor          | Major1 |   |   | Major2 |   |   | Minor2 |       |       |
|----------------------|--------|---|---|--------|---|---|--------|-------|-------|
| Conflicting Flow All | -      | 0 | 0 | 229    | 0 | 0 | 436    | 450   | 163   |
| Stage 1              | -      | - | - | -      | - | - | 221    | 221   | -     |
| Stage 2              | -      | - | - | -      | - | - | 215    | 229   | -     |
| Critical Hdwy        | -      | - | - | 4.12   | - | - | 6.42   | 6.52  | 6.22  |
| Critical Hdwy Stg 1  | -      | - | - | -      | - | - | 5.42   | 5.52  | -     |
| Critical Hdwy Stg 2  | -      | - | - | -      | - | - | 5.42   | 5.52  | -     |
| Follow-up Hdwy       | -      | - | - | 2.218  | - | - | 3.518  | 4.018 | 3.318 |
| Pot Cap-1 Maneuver   | 0      | - | - | 1339   | - | 0 | 578    | 504   | 882   |
| Stage 1              | 0      | - | - | -      | - | 0 | 816    | 720   | -     |
| Stage 2              | 0      | - | - | -      | - | 0 | 821    | 715   | -     |
| Platoon blocked, %   | -      | - | - | -      | - | - | -      | -     | -     |
| Mov Cap-1 Maneuver   | -      | - | - | 1339   | - | - | 564    | 0     | 880   |
| Mov Cap-2 Maneuver   | -      | - | - | -      | - | - | 564    | 0     | -     |
| Stage 1              | -      | - | - | -      | - | - | 816    | 0     | -     |
| Stage 2              | -      | - | - | -      | - | - | 800    | 0     | -     |

| Approach             | EB | WB  | SB   |
|----------------------|----|-----|------|
| HCM Control Delay, s | 0  | 1.2 | 10.2 |
| HCM LOS              |    |     | B    |

| Minor Lane/Major Mvmt | EBT | EBR | WBL   | WBT | SBLn1 | SBLn2 |
|-----------------------|-----|-----|-------|-----|-------|-------|
| Capacity (veh/h)      | -   | -   | 1339  | -   | 564   | 880   |
| HCM Lane V/C Ratio    | -   | -   | 0.023 | -   | 0.019 | 0.015 |
| HCM Control Delay (s) | -   | -   | 7.8   | 0   | 11.5  | 9.2   |
| HCM Lane LOS          | -   | -   | A     | A   | B     | A     |
| HCM 95th %tile Q(veh) | -   | -   | 0.1   | -   | 0.1   | 0     |

HCM 6th TWSC  
12: Hillside Ave & Forest Ave

Glen Ellyn Parking Garage  
04/12/2019

## Intersection

Int Delay, s/veh 5.6

| Movement                 | EBL  | EBT  | EBR  | WBL  | WBT  | WBR  | NBL  | NBT   | NBR  | SBL  | SBT  | SBR  |
|--------------------------|------|------|------|------|------|------|------|-------|------|------|------|------|
| Lane Configurations      |      |      |      |      | ↔    |      |      |       |      |      | ↔    |      |
| Traffic Vol, veh/h       | 0    | 0    | 0    | 7    | 77   | 0    | 0    | 0     | 0    | 0    | 21   | 33   |
| Future Vol, veh/h        | 0    | 0    | 0    | 7    | 77   | 0    | 0    | 0     | 0    | 0    | 21   | 33   |
| Conflicting Peds, #/hr   | 0    | 0    | 0    | 1    | 0    | 0    | 0    | 0     | 0    | 0    | 0    | 6    |
| Sign Control             | Free | Free | Free | Stop | Stop | Stop | Free | Free  | Free | Free | Free | Free |
| RT Channelized           | -    | -    | None | -    | -    | None | -    | -     | None | -    | -    | None |
| Storage Length           | -    | -    | -    | -    | -    | -    | -    | -     | -    | -    | -    | -    |
| Veh in Median Storage, # | -    | 2    | -    | -    | 0    | -    | -    | 16974 | -    | -    | 0    | -    |
| Grade, %                 | -    | 0    | -    | -    | 0    | -    | -    | 0     | -    | -    | 0    | -    |
| Peak Hour Factor         | 77   | 77   | 77   | 77   | 77   | 77   | 77   | 77    | 77   | 77   | 77   | 77   |
| Heavy Vehicles, %        | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2     | 2    | 2    | 2    | 2    |
| Mvmt Flow                | 0    | 0    | 0    | 9    | 100  | 0    | 0    | 0     | 0    | 0    | 27   | 43   |

| Major/Minor          | Minor1      | Major2 |
|----------------------|-------------|--------|
| Conflicting Flow All | 50 76       | - - 0  |
| Stage 1              | 0 0         | - - -  |
| Stage 2              | 50 76       | - - -  |
| Critical Hdwy        | 6.42 6.52   | - - -  |
| Critical Hdwy Stg 1  | - -         | - - -  |
| Critical Hdwy Stg 2  | 5.42 5.52   | - - -  |
| Follow-up Hdwy       | 3.518 4.018 | - - -  |
| Pot Cap-1 Maneuver   | 959 814     | 0 - -  |
| Stage 1              | - - 0       | 0 - -  |
| Stage 2              | 972 832     | 0 - -  |
| Platoon blocked, %   |             | - -    |
| Mov Cap-1 Maneuver   | 959 0       | - - -  |
| Mov Cap-2 Maneuver   | 959 0       | - - -  |
| Stage 1              | - 0         | - - -  |
| Stage 2              | 972 0       | - - -  |

| Approach             | WB  | SB |
|----------------------|-----|----|
| HCM Control Delay, s | 9.2 | 0  |
| HCM LOS              | A   |    |

| Minor Lane/Major Mvmt | WBLn1 | SBT | SBR |
|-----------------------|-------|-----|-----|
| Capacity (veh/h)      | 959   | -   | -   |
| HCM Lane V/C Ratio    | 0.114 | -   | -   |
| HCM Control Delay (s) | 9.2   | -   | -   |
| HCM Lane LOS          | A     | -   | -   |
| HCM 95th %tile Q(veh) | 0.4   | -   | -   |

HCM 6th AWSC  
5: Main St & Hillside Ave

Glen Ellyn Parking Garage  
04/12/2019

Intersection

Intersection Delay, s/veh 10.2  
Intersection LOS B

| Movement            | EBL  | EBT  | EBR  | WBL  | WBT                                                                               | WBR  | NBL  | NBT                                                                                 | NBR  | SBL  | SBT                                                                                 | SBR  |
|---------------------|------|------|------|------|-----------------------------------------------------------------------------------|------|------|-------------------------------------------------------------------------------------|------|------|-------------------------------------------------------------------------------------|------|
| Lane Configurations |      |      |      |      |  |      |      |  |      |      |  |      |
| Traffic Vol, veh/h  | 0    | 0    | 0    | 12   | 69                                                                                | 29   | 50   | 230                                                                                 | 0    | 0    | 255                                                                                 | 25   |
| Future Vol, veh/h   | 0    | 0    | 0    | 12   | 69                                                                                | 29   | 50   | 230                                                                                 | 0    | 0    | 255                                                                                 | 25   |
| Peak Hour Factor    | 0.94 | 0.94 | 0.94 | 0.94 | 0.94                                                                              | 0.94 | 0.94 | 0.94                                                                                | 0.94 | 0.94 | 0.94                                                                                | 0.94 |
| Heavy Vehicles, %   | 2    | 2    | 2    | 2    | 2                                                                                 | 2    | 2    | 2                                                                                   | 2    | 2    | 2                                                                                   | 2    |
| Mvmt Flow           | 0    | 0    | 0    | 13   | 73                                                                                | 31   | 53   | 245                                                                                 | 0    | 0    | 271                                                                                 | 27   |
| Number of Lanes     | 0    | 0    | 0    | 0    | 1                                                                                 | 0    | 0    | 1                                                                                   | 0    | 0    | 1                                                                                   | 0    |

| Approach                   | WB  | NB   | SB   |
|----------------------------|-----|------|------|
| Opposing Approach          |     | SB   | NB   |
| Opposing Lanes             | 0   | 1    | 1    |
| Conflicting Approach Left  | NB  |      | WB   |
| Conflicting Lanes Left     | 1   | 0    | 1    |
| Conflicting Approach Right | SB  | WB   |      |
| Conflicting Lanes Right    | 1   | 1    | 0    |
| HCM Control Delay          | 9.2 | 10.5 | 10.2 |
| HCM LOS                    | A   | B    | B    |

| Lane                   | NBLn1 | WBLn1 | SBLn1 |
|------------------------|-------|-------|-------|
| Vol Left, %            | 18%   | 11%   | 0%    |
| Vol Thru, %            | 82%   | 63%   | 91%   |
| Vol Right, %           | 0%    | 26%   | 9%    |
| Sign Control           | Stop  | Stop  | Stop  |
| Traffic Vol by Lane    | 280   | 110   | 280   |
| LT Vol                 | 50    | 12    | 0     |
| Through Vol            | 230   | 69    | 255   |
| RT Vol                 | 0     | 29    | 25    |
| Lane Flow Rate         | 298   | 117   | 298   |
| Geometry Grp           | 1     | 1     | 1     |
| Degree of Util (X)     | 0.381 | 0.166 | 0.374 |
| Departure Headway (Hd) | 4.599 | 5.118 | 4.516 |
| Convergence, Y/N       | Yes   | Yes   | Yes   |
| Cap                    | 780   | 697   | 795   |
| Service Time           | 2.635 | 3.174 | 2.552 |
| HCM Lane V/C Ratio     | 0.382 | 0.168 | 0.375 |
| HCM Control Delay      | 10.5  | 9.2   | 10.2  |
| HCM Lane LOS           | B     | A     | B     |
| HCM 95th-tile Q        | 1.8   | 0.6   | 1.7   |

## Lanes, Volumes, Timings

## Glen Ellyn Parking Garage

## 1: Main St &amp; Duane St

04/12/2019

|                         |  |  |  |  |  |  |  |  |  |  |  |  |
|-------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| Lane Group              | EBL                                                                               | EBT                                                                               | EBR                                                                               | WBL                                                                               | WBT                                                                               | WBR                                                                               | NBL                                                                                | NBT                                                                                 | NBR                                                                                 | SBL                                                                                 | SBT                                                                                 | SBR                                                                                 |
| Lane Configurations     |                                                                                   |  |                                                                                   |                                                                                   |  |                                                                                   |                                                                                    |  |                                                                                     |                                                                                     |  |  |
| Traffic Volume (vph)    | 20                                                                                | 76                                                                                | 35                                                                                | 25                                                                                | 70                                                                                | 30                                                                                | 35                                                                                 | 150                                                                                 | 55                                                                                  | 55                                                                                  | 240                                                                                 | 20                                                                                  |
| Future Volume (vph)     | 20                                                                                | 76                                                                                | 35                                                                                | 25                                                                                | 70                                                                                | 30                                                                                | 35                                                                                 | 150                                                                                 | 55                                                                                  | 55                                                                                  | 240                                                                                 | 20                                                                                  |
| Ideal Flow (vphpl)      | 1900                                                                              | 1900                                                                              | 1900                                                                              | 1900                                                                              | 1900                                                                              | 1900                                                                              | 1900                                                                               | 1900                                                                                | 1900                                                                                | 1900                                                                                | 1900                                                                                | 1900                                                                                |
| Storage Length (ft)     | 0                                                                                 |                                                                                   | 0                                                                                 | 0                                                                                 |                                                                                   | 0                                                                                 | 0                                                                                  |                                                                                     | 0                                                                                   | 0                                                                                   |                                                                                     | 75                                                                                  |
| Storage Lanes           | 0                                                                                 |                                                                                   | 0                                                                                 | 0                                                                                 |                                                                                   | 0                                                                                 | 0                                                                                  |                                                                                     | 0                                                                                   | 0                                                                                   |                                                                                     | 1                                                                                   |
| Taper Length (ft)       | 25                                                                                |                                                                                   |                                                                                   | 25                                                                                |                                                                                   |                                                                                   | 25                                                                                 |                                                                                     |                                                                                     | 25                                                                                  |                                                                                     |                                                                                     |
| Lane Util. Factor       | 1.00                                                                              | 1.00                                                                              | 1.00                                                                              | 1.00                                                                              | 1.00                                                                              | 1.00                                                                              | 1.00                                                                               | 1.00                                                                                | 1.00                                                                                | 1.00                                                                                | 1.00                                                                                | 1.00                                                                                |
| Ped Bike Factor         |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                    |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |
| Frt                     |                                                                                   | 0.964                                                                             |                                                                                   |                                                                                   | 0.967                                                                             |                                                                                   |                                                                                    | 0.969                                                                               |                                                                                     |                                                                                     |                                                                                     | 0.850                                                                               |
| Flt Protected           |                                                                                   | 0.992                                                                             |                                                                                   |                                                                                   | 0.990                                                                             |                                                                                   |                                                                                    | 0.993                                                                               |                                                                                     |                                                                                     | 0.991                                                                               |                                                                                     |
| Satd. Flow (prot)       | 0                                                                                 | 1443                                                                              | 0                                                                                 | 0                                                                                 | 1444                                                                              | 0                                                                                 | 0                                                                                  | 1452                                                                                | 0                                                                                   | 0                                                                                   | 1661                                                                                | 1425                                                                                |
| Flt Permitted           |                                                                                   | 0.992                                                                             |                                                                                   |                                                                                   | 0.990                                                                             |                                                                                   |                                                                                    | 0.993                                                                               |                                                                                     |                                                                                     | 0.991                                                                               |                                                                                     |
| Satd. Flow (perm)       | 0                                                                                 | 1443                                                                              | 0                                                                                 | 0                                                                                 | 1444                                                                              | 0                                                                                 | 0                                                                                  | 1452                                                                                | 0                                                                                   | 0                                                                                   | 1661                                                                                | 1425                                                                                |
| Link Speed (mph)        |                                                                                   | 25                                                                                |                                                                                   |                                                                                   | 25                                                                                |                                                                                   |                                                                                    | 30                                                                                  |                                                                                     |                                                                                     | 30                                                                                  |                                                                                     |
| Link Distance (ft)      |                                                                                   | 265                                                                               |                                                                                   |                                                                                   | 330                                                                               |                                                                                   |                                                                                    | 520                                                                                 |                                                                                     |                                                                                     | 279                                                                                 |                                                                                     |
| Travel Time (s)         |                                                                                   | 7.2                                                                               |                                                                                   |                                                                                   | 9.0                                                                               |                                                                                   |                                                                                    | 11.8                                                                                |                                                                                     |                                                                                     | 6.3                                                                                 |                                                                                     |
| Confl. Peds. (#/hr)     | 1                                                                                 |                                                                                   | 28                                                                                | 28                                                                                |                                                                                   | 1                                                                                 | 21                                                                                 |                                                                                     | 10                                                                                  | 10                                                                                  |                                                                                     | 21                                                                                  |
| Peak Hour Factor        | 0.95                                                                              | 0.95                                                                              | 0.95                                                                              | 0.95                                                                              | 0.95                                                                              | 0.95                                                                              | 0.95                                                                               | 0.95                                                                                | 0.95                                                                                | 0.95                                                                                | 0.95                                                                                | 0.95                                                                                |
| Parking (#/hr)          |                                                                                   | 0                                                                                 |                                                                                   |                                                                                   | 0                                                                                 |                                                                                   |                                                                                    | 0                                                                                   |                                                                                     |                                                                                     |                                                                                     |                                                                                     |
| Adj. Flow (vph)         | 21                                                                                | 80                                                                                | 37                                                                                | 26                                                                                | 74                                                                                | 32                                                                                | 37                                                                                 | 158                                                                                 | 58                                                                                  | 58                                                                                  | 253                                                                                 | 21                                                                                  |
| Shared Lane Traffic (%) |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                    |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |
| Lane Group Flow (vph)   | 0                                                                                 | 138                                                                               | 0                                                                                 | 0                                                                                 | 132                                                                               | 0                                                                                 | 0                                                                                  | 253                                                                                 | 0                                                                                   | 0                                                                                   | 311                                                                                 | 21                                                                                  |
| Sign Control            |                                                                                   | Stop                                                                              |                                                                                   |                                                                                   | Stop                                                                              |                                                                                   |                                                                                    | Stop                                                                                |                                                                                     |                                                                                     | Free                                                                                |                                                                                     |

## Intersection Summary

Area Type: CBD

Control Type: Unsignalized

Intersection Capacity Utilization 54.6% ICU Level of Service A

Analysis Period (min) 15

HCM 6th TWSC  
2: VH Lot & Duane St

Glen Ellyn Parking Garage  
04/12/2019

Intersection

Int Delay, s/veh 0.6

Movement EBT EBR WBL WBT NBL NBR

Lane Configurations      

Traffic Vol, veh/h 180 8 6 152 7 9

Future Vol, veh/h 180 8 6 152 7 9

Conflicting Peds, #/hr 0 10 10 0 0 0

Sign Control Free Free Free Free Stop Stop

RT Channelized - None - None - None

Storage Length - - - - 0 -

Veh in Median Storage, # 0 - - 0 0 -

Grade, % 0 - - 0 0 -

Peak Hour Factor 84 84 84 84 84 84

Heavy Vehicles, % 2 2 2 2 2 2

Mvmt Flow 214 10 7 181 8 11

Major/Minor Major1 Major2 Minor1

Conflicting Flow All 0 0 234 0 424 229

Stage 1 - - - - 229 -

Stage 2 - - - - 195 -

Critical Hdwy - - 4.12 - 6.42 6.22

Critical Hdwy Stg 1 - - - - 5.42 -

Critical Hdwy Stg 2 - - - - 5.42 -

Follow-up Hdwy - - 2.218 - 3.518 3.318

Pot Cap-1 Maneuver - - 1333 - 587 810

Stage 1 - - - - 809 -

Stage 2 - - - - 838 -

Platoon blocked, % - - - -

Mov Cap-1 Maneuver - - 1320 - 578 802

Mov Cap-2 Maneuver - - - - 578 -

Stage 1 - - - - 801 -

Stage 2 - - - - 833 -

Approach EB WB NB

HCM Control Delay, s 0 0.3 10.4

HCM LOS B

Minor Lane/Major Mvmt NBLn1 EBT EBR WBL WBT

Capacity (veh/h) 686 - - 1320 -

HCM Lane V/C Ratio 0.028 - - 0.005 -

HCM Control Delay (s) 10.4 - - 7.7 0

HCM Lane LOS B - - A A

HCM 95th %tile Q(veh) 0.1 - - 0 -



HCM 6th TWSC  
7: Forest Ave & Duane St

Glen Ellyn Parking Garage  
04/12/2019

## Intersection

Int Delay, s/veh 3.4

| Movement                 | EBL  | EBT  | EBR  | WBL  | WBT  | WBR  | NBL  | NBT   | NBR  | SBL  | SBT  | SBR  |
|--------------------------|------|------|------|------|------|------|------|-------|------|------|------|------|
| Lane Configurations      |      | ↱    |      |      | ↱    |      |      |       |      | ↱    | ↱    |      |
| Traffic Vol, veh/h       | 0    | 130  | 59   | 17   | 109  | 0    | 0    | 0     | 0    | 36   | 47   | 49   |
| Future Vol, veh/h        | 0    | 130  | 59   | 17   | 109  | 0    | 0    | 0     | 0    | 36   | 47   | 49   |
| Conflicting Peds, #/hr   | 8    | 0    | 0    | 0    | 0    | 8    | 19   | 0     | 6    | 6    | 0    | 19   |
| Sign Control             | Free | Free | Free | Free | Free | Free | Free | Free  | Free | Stop | Stop | Stop |
| RT Channelized           | -    | -    | None | -    | -    | None | -    | -     | None | -    | -    | None |
| Storage Length           | -    | -    | -    | -    | -    | -    | -    | -     | -    | 0    | -    | -    |
| Veh in Median Storage, # | -    | 0    | -    | -    | 0    | -    | -    | 16974 | -    | -    | 0    | -    |
| Grade, %                 | -    | 0    | -    | -    | 0    | -    | -    | 0     | -    | -    | 0    | -    |
| Peak Hour Factor         | 76   | 76   | 76   | 76   | 76   | 76   | 76   | 76    | 76   | 76   | 76   | 76   |
| Heavy Vehicles, %        | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2     | 2    | 2    | 2    | 2    |
| Mvmt Flow                | 0    | 171  | 78   | 22   | 143  | 0    | 0    | 0     | 0    | 47   | 62   | 64   |

| Major/Minor          | Major1 |   |   | Major2 |   |   | Minor2 |       |       |
|----------------------|--------|---|---|--------|---|---|--------|-------|-------|
| Conflicting Flow All | -      | 0 | 0 | 249    | 0 | 0 | 403    | 436   | 162   |
| Stage 1              | -      | - | - | -      | - | - | 187    | 187   | -     |
| Stage 2              | -      | - | - | -      | - | - | 216    | 249   | -     |
| Critical Hdwy        | -      | - | - | 4.12   | - | - | 6.42   | 6.52  | 6.22  |
| Critical Hdwy Stg 1  | -      | - | - | -      | - | - | 5.42   | 5.52  | -     |
| Critical Hdwy Stg 2  | -      | - | - | -      | - | - | 5.42   | 5.52  | -     |
| Follow-up Hdwy       | -      | - | - | 2.218  | - | - | 3.518  | 4.018 | 3.318 |
| Pot Cap-1 Maneuver   | 0      | - | - | 1317   | - | 0 | 603    | 514   | 883   |
| Stage 1              | 0      | - | - | -      | - | 0 | 845    | 745   | -     |
| Stage 2              | 0      | - | - | -      | - | 0 | 820    | 701   | -     |
| Platoon blocked, %   | -      | - | - | -      | - | - | -      | -     | -     |
| Mov Cap-1 Maneuver   | -      | - | - | 1317   | - | - | 592    | 0     | 867   |
| Mov Cap-2 Maneuver   | -      | - | - | -      | - | - | 592    | 0     | -     |
| Stage 1              | -      | - | - | -      | - | - | 845    | 0     | -     |
| Stage 2              | -      | - | - | -      | - | - | 805    | 0     | -     |

| Approach             | EB | WB | SB   |
|----------------------|----|----|------|
| HCM Control Delay, s | 0  | 1  | 10.4 |
| HCM LOS              |    |    | B    |

| Minor Lane/Major Mvmt | EBT | EBR | WBL   | WBT | SBLn1 | SBLn2 |
|-----------------------|-----|-----|-------|-----|-------|-------|
| Capacity (veh/h)      | -   | -   | 1317  | -   | 592   | 867   |
| HCM Lane V/C Ratio    | -   | -   | 0.017 | -   | 0.08  | 0.146 |
| HCM Control Delay (s) | -   | -   | 7.8   | 0   | 11.6  | 9.9   |
| HCM Lane LOS          | -   | -   | A     | A   | B     | A     |
| HCM 95th %tile Q(veh) | -   | -   | 0.1   | -   | 0.3   | 0.5   |

HCM 6th TWSC  
12: Hillside Ave & Forest Ave

Glen Ellyn Parking Garage  
04/12/2019

## Intersection

Int Delay, s/veh 3.1

| Movement                 | EBL  | EBT  | EBR  | WBL  | WBT  | WBR  | NBL  | NBT   | NBR  | SBL  | SBT  | SBR  |
|--------------------------|------|------|------|------|------|------|------|-------|------|------|------|------|
| Lane Configurations      |      |      |      |      | ↕    |      |      |       |      |      | ↕    |      |
| Traffic Vol, veh/h       | 0    | 0    | 0    | 11   | 49   | 0    | 0    | 0     | 0    | 0    | 76   | 47   |
| Future Vol, veh/h        | 0    | 0    | 0    | 11   | 49   | 0    | 0    | 0     | 0    | 0    | 76   | 47   |
| Conflicting Peds, #/hr   | 0    | 0    | 0    | 1    | 0    | 0    | 0    | 0     | 0    | 0    | 0    | 6    |
| Sign Control             | Free | Free | Free | Stop | Stop | Stop | Free | Free  | Free | Free | Free | Free |
| RT Channelized           | -    | -    | None | -    | -    | None | -    | -     | None | -    | -    | None |
| Storage Length           | -    | -    | -    | -    | -    | -    | -    | -     | -    | -    | -    | -    |
| Veh in Median Storage, # | -    | 2    | -    | -    | 0    | -    | -    | 16974 | -    | -    | 0    | -    |
| Grade, %                 | -    | 0    | -    | -    | 0    | -    | -    | 0     | -    | -    | 0    | -    |
| Peak Hour Factor         | 75   | 75   | 75   | 75   | 75   | 75   | 75   | 75    | 75   | 75   | 75   | 75   |
| Heavy Vehicles, %        | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2     | 2    | 2    | 2    | 2    |
| Mvmt Flow                | 0    | 0    | 0    | 15   | 65   | 0    | 0    | 0     | 0    | 0    | 101  | 63   |

| Major/Minor          | Minor1 |       |   | Major2 |   |   |
|----------------------|--------|-------|---|--------|---|---|
| Conflicting Flow All | 134    | 170   | - | -      | - | 0 |
| Stage 1              | 0      | 0     | - | -      | - | - |
| Stage 2              | 134    | 170   | - | -      | - | - |
| Critical Hdwy        | 6.42   | 6.52  | - | -      | - | - |
| Critical Hdwy Stg 1  | -      | -     | - | -      | - | - |
| Critical Hdwy Stg 2  | 5.42   | 5.52  | - | -      | - | - |
| Follow-up Hdwy       | 3.518  | 4.018 | - | -      | - | - |
| Pot Cap-1 Maneuver   | 860    | 723   | 0 | 0      | - | - |
| Stage 1              | -      | -     | 0 | 0      | - | - |
| Stage 2              | 892    | 758   | 0 | 0      | - | - |
| Platoon blocked, %   |        |       |   |        | - | - |
| Mov Cap-1 Maneuver   | 860    | 0     | - | -      | - | - |
| Mov Cap-2 Maneuver   | 860    | 0     | - | -      | - | - |
| Stage 1              | -      | 0     | - | -      | - | - |
| Stage 2              | 892    | 0     | - | -      | - | - |

| Approach             | WB  | SB |
|----------------------|-----|----|
| HCM Control Delay, s | 9.6 | 0  |
| HCM LOS              | A   |    |

| Minor Lane/Major Mvmt | WBLn1 | SBT | SBR |
|-----------------------|-------|-----|-----|
| Capacity (veh/h)      | 860   | -   | -   |
| HCM Lane V/C Ratio    | 0.093 | -   | -   |
| HCM Control Delay (s) | 9.6   | -   | -   |
| HCM Lane LOS          | A     | -   | -   |
| HCM 95th %tile Q(veh) | 0.3   | -   | -   |

HCM 6th AWSC  
5: Main St & Hillside Ave

Glen Ellyn Parking Garage  
04/12/2019

Intersection

Intersection Delay, s/veh 10.3  
Intersection LOS B

| Movement            | EBL  | EBT  | EBR  | WBL  | WBT                                                                               | WBR  | NBL  | NBT                                                                                 | NBR  | SBL  | SBT                                                                                 | SBR  |
|---------------------|------|------|------|------|-----------------------------------------------------------------------------------|------|------|-------------------------------------------------------------------------------------|------|------|-------------------------------------------------------------------------------------|------|
| Lane Configurations |      |      |      |      |  |      |      |  |      |      |  |      |
| Traffic Vol, veh/h  | 0    | 0    | 0    | 17   | 44                                                                                | 35   | 25   | 195                                                                                 | 0    | 0    | 325                                                                                 | 20   |
| Future Vol, veh/h   | 0    | 0    | 0    | 17   | 44                                                                                | 35   | 25   | 195                                                                                 | 0    | 0    | 325                                                                                 | 20   |
| Peak Hour Factor    | 0.94 | 0.94 | 0.94 | 0.94 | 0.94                                                                              | 0.94 | 0.94 | 0.94                                                                                | 0.94 | 0.94 | 0.94                                                                                | 0.94 |
| Heavy Vehicles, %   | 2    | 2    | 2    | 2    | 2                                                                                 | 2    | 2    | 2                                                                                   | 2    | 2    | 2                                                                                   | 2    |
| Mvmt Flow           | 0    | 0    | 0    | 18   | 47                                                                                | 37   | 27   | 207                                                                                 | 0    | 0    | 346                                                                                 | 21   |
| Number of Lanes     | 0    | 0    | 0    | 0    | 1                                                                                 | 0    | 0    | 1                                                                                   | 0    | 0    | 1                                                                                   | 0    |

| Approach                   | WB | NB  | SB   |
|----------------------------|----|-----|------|
| Opposing Approach          |    | SB  | NB   |
| Opposing Lanes             | 0  | 1   | 1    |
| Conflicting Approach Left  | NB |     | WB   |
| Conflicting Lanes Left     | 1  | 0   | 1    |
| Conflicting Approach Right | SB | WB  |      |
| Conflicting Lanes Right    | 1  | 1   | 0    |
| HCM Control Delay          | 9  | 9.6 | 11.1 |
| HCM LOS                    | A  | A   | B    |

| Lane                   | NBLn1 | WBLn1 | SBLn1 |
|------------------------|-------|-------|-------|
| Vol Left, %            | 11%   | 18%   | 0%    |
| Vol Thru, %            | 89%   | 46%   | 94%   |
| Vol Right, %           | 0%    | 36%   | 6%    |
| Sign Control           | Stop  | Stop  | Stop  |
| Traffic Vol by Lane    | 220   | 96    | 345   |
| LT Vol                 | 25    | 17    | 0     |
| Through Vol            | 195   | 44    | 325   |
| RT Vol                 | 0     | 35    | 20    |
| Lane Flow Rate         | 234   | 102   | 367   |
| Geometry Grp           | 1     | 1     | 1     |
| Degree of Util (X)     | 0.3   | 0.144 | 0.451 |
| Departure Headway (Hd) | 4.61  | 5.072 | 4.421 |
| Convergence, Y/N       | Yes   | Yes   | Yes   |
| Cap                    | 779   | 705   | 815   |
| Service Time           | 2.644 | 3.123 | 2.451 |
| HCM Lane V/C Ratio     | 0.3   | 0.145 | 0.45  |
| HCM Control Delay      | 9.6   | 9     | 11.1  |
| HCM Lane LOS           | A     | A     | B     |
| HCM 95th-tile Q        | 1.3   | 0.5   | 2.4   |

Lanes, Volumes, Timings  
1: Main St & Duane St

Glen Ellyn Parking Garage  
04/12/2019

|                         |  |  |  |  |  |  |  |  |  |  |  |  |
|-------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| Lane Group              | EBL                                                                               | EBT                                                                               | EBR                                                                               | WBL                                                                               | WBT                                                                               | WBR                                                                               | NBL                                                                                | NBT                                                                                 | NBR                                                                                 | SBL                                                                                 | SBT                                                                                 | SBR                                                                                 |
| Lane Configurations     |                                                                                   |  |                                                                                   |                                                                                   |  |                                                                                   |                                                                                    |  |                                                                                     |                                                                                     |  |  |
| Traffic Volume (vph)    | 20                                                                                | 89                                                                                | 25                                                                                | 22                                                                                | 99                                                                                | 38                                                                                | 30                                                                                 | 145                                                                                 | 40                                                                                  | 59                                                                                  | 320                                                                                 | 25                                                                                  |
| Future Volume (vph)     | 20                                                                                | 89                                                                                | 25                                                                                | 22                                                                                | 99                                                                                | 38                                                                                | 30                                                                                 | 145                                                                                 | 40                                                                                  | 59                                                                                  | 320                                                                                 | 25                                                                                  |
| Ideal Flow (vphpl)      | 1900                                                                              | 1900                                                                              | 1900                                                                              | 1900                                                                              | 1900                                                                              | 1900                                                                              | 1900                                                                               | 1900                                                                                | 1900                                                                                | 1900                                                                                | 1900                                                                                | 1900                                                                                |
| Storage Length (ft)     | 0                                                                                 |                                                                                   | 0                                                                                 | 0                                                                                 |                                                                                   | 0                                                                                 | 0                                                                                  |                                                                                     | 0                                                                                   | 0                                                                                   |                                                                                     | 75                                                                                  |
| Storage Lanes           | 0                                                                                 |                                                                                   | 0                                                                                 | 0                                                                                 |                                                                                   | 0                                                                                 | 0                                                                                  |                                                                                     | 0                                                                                   | 0                                                                                   |                                                                                     | 1                                                                                   |
| Taper Length (ft)       | 25                                                                                |                                                                                   |                                                                                   | 25                                                                                |                                                                                   |                                                                                   | 25                                                                                 |                                                                                     |                                                                                     | 25                                                                                  |                                                                                     |                                                                                     |
| Lane Util. Factor       | 1.00                                                                              | 1.00                                                                              | 1.00                                                                              | 1.00                                                                              | 1.00                                                                              | 1.00                                                                              | 1.00                                                                               | 1.00                                                                                | 1.00                                                                                | 1.00                                                                                | 1.00                                                                                | 1.00                                                                                |
| Ped Bike Factor         |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                    |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |
| Frt                     |                                                                                   | 0.975                                                                             |                                                                                   |                                                                                   | 0.968                                                                             |                                                                                   |                                                                                    | 0.975                                                                               |                                                                                     |                                                                                     |                                                                                     | 0.850                                                                               |
| Flt Protected           |                                                                                   | 0.993                                                                             |                                                                                   |                                                                                   | 0.993                                                                             |                                                                                   |                                                                                    | 0.993                                                                               |                                                                                     |                                                                                     | 0.992                                                                               |                                                                                     |
| Satd. Flow (prot)       | 0                                                                                 | 1461                                                                              | 0                                                                                 | 0                                                                                 | 1450                                                                              | 0                                                                                 | 0                                                                                  | 1461                                                                                | 0                                                                                   | 0                                                                                   | 1663                                                                                | 1425                                                                                |
| Flt Permitted           |                                                                                   | 0.993                                                                             |                                                                                   |                                                                                   | 0.993                                                                             |                                                                                   |                                                                                    | 0.993                                                                               |                                                                                     |                                                                                     | 0.992                                                                               |                                                                                     |
| Satd. Flow (perm)       | 0                                                                                 | 1461                                                                              | 0                                                                                 | 0                                                                                 | 1450                                                                              | 0                                                                                 | 0                                                                                  | 1461                                                                                | 0                                                                                   | 0                                                                                   | 1663                                                                                | 1425                                                                                |
| Link Speed (mph)        |                                                                                   | 25                                                                                |                                                                                   |                                                                                   | 25                                                                                |                                                                                   |                                                                                    | 30                                                                                  |                                                                                     |                                                                                     | 30                                                                                  |                                                                                     |
| Link Distance (ft)      |                                                                                   | 265                                                                               |                                                                                   |                                                                                   | 330                                                                               |                                                                                   |                                                                                    | 520                                                                                 |                                                                                     |                                                                                     | 279                                                                                 |                                                                                     |
| Travel Time (s)         |                                                                                   | 7.2                                                                               |                                                                                   |                                                                                   | 9.0                                                                               |                                                                                   |                                                                                    | 11.8                                                                                |                                                                                     |                                                                                     | 6.3                                                                                 |                                                                                     |
| Confl. Peds. (#/hr)     | 1                                                                                 |                                                                                   | 46                                                                                | 46                                                                                |                                                                                   | 1                                                                                 | 35                                                                                 |                                                                                     | 80                                                                                  | 80                                                                                  |                                                                                     | 10                                                                                  |
| Peak Hour Factor        | 0.95                                                                              | 0.95                                                                              | 0.95                                                                              | 0.95                                                                              | 0.95                                                                              | 0.95                                                                              | 0.95                                                                               | 0.95                                                                                | 0.95                                                                                | 0.95                                                                                | 0.95                                                                                | 0.95                                                                                |
| Parking (#/hr)          |                                                                                   | 0                                                                                 |                                                                                   |                                                                                   | 0                                                                                 |                                                                                   |                                                                                    | 0                                                                                   |                                                                                     |                                                                                     |                                                                                     |                                                                                     |
| Adj. Flow (vph)         | 21                                                                                | 94                                                                                | 26                                                                                | 23                                                                                | 104                                                                               | 40                                                                                | 32                                                                                 | 153                                                                                 | 42                                                                                  | 62                                                                                  | 337                                                                                 | 26                                                                                  |
| Shared Lane Traffic (%) |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                    |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |
| Lane Group Flow (vph)   | 0                                                                                 | 141                                                                               | 0                                                                                 | 0                                                                                 | 167                                                                               | 0                                                                                 | 0                                                                                  | 227                                                                                 | 0                                                                                   | 0                                                                                   | 399                                                                                 | 26                                                                                  |
| Sign Control            |                                                                                   | Stop                                                                              |                                                                                   |                                                                                   | Stop                                                                              |                                                                                   |                                                                                    | Stop                                                                                |                                                                                     |                                                                                     | Free                                                                                |                                                                                     |

## Intersection Summary

Area Type: CBD

Control Type: Unsignalized

Intersection Capacity Utilization 59.4% ICU Level of Service B

Analysis Period (min) 15

HCM 6th TWSC  
2: VH Lot & Duane St

Glen Ellyn Parking Garage  
04/12/2019

Intersection

Int Delay, s/veh 1.8

Movement EBT EBR WBL WBT NBL NBR

Lane Configurations      

Traffic Vol, veh/h 178 104 52 117 27 13

Future Vol, veh/h 178 104 52 117 27 13

Conflicting Peds, #/hr 0 10 10 0 0 0

Sign Control Free Free Free Free Stop Stop

RT Channelized - None - None - None

Storage Length - - - - 0 -

Veh in Median Storage, # 0 - - 0 0 -

Grade, % 0 - - 0 0 -

Peak Hour Factor 93 93 93 93 93 93

Heavy Vehicles, % 2 2 2 2 2 2

Mvmt Flow 191 112 56 126 29 14

Major/Minor Major1 Major2 Minor1

Conflicting Flow All 0 0 313 0 495 257

Stage 1 - - - - 257 -

Stage 2 - - - - 238 -

Critical Hdwy - - 4.12 - 6.42 6.22

Critical Hdwy Stg 1 - - - - 5.42 -

Critical Hdwy Stg 2 - - - - 5.42 -

Follow-up Hdwy - - 2.218 - 3.518 3.318

Pot Cap-1 Maneuver - - 1247 - 534 782

Stage 1 - - - - 786 -

Stage 2 - - - - 802 -

Platoon blocked, % - - - -

Mov Cap-1 Maneuver - - 1235 - 502 775

Mov Cap-2 Maneuver - - - - 502 -

Stage 1 - - - - 778 -

Stage 2 - - - - 763 -

Approach EB WB NB

HCM Control Delay, s 0 2.5 11.9

HCM LOS B

Minor Lane/Major Mvmt NBLn1 EBT EBR WBL WBT

Capacity (veh/h) 567 - - 1235 -

HCM Lane V/C Ratio 0.076 - - 0.045 -

HCM Control Delay (s) 11.9 - - 8.1 0

HCM Lane LOS B - - A A

HCM 95th %tile Q(veh) 0.2 - - 0.1 -

HCM 6th TWSC  
7: Forest Ave & Duane St

Glen Ellyn Parking Garage  
04/12/2019

## Intersection

Int Delay, s/veh 1

| Movement                 | EBL  | EBT  | EBR  | WBL  | WBT  | WBR  | NBL  | NBT   | NBR  | SBL  | SBT  | SBR  |
|--------------------------|------|------|------|------|------|------|------|-------|------|------|------|------|
| Lane Configurations      |      | ↱    |      |      | ↰    |      |      |       |      | ↰    | ↱    |      |
| Traffic Vol, veh/h       | 0    | 165  | 26   | 24   | 164  | 0    | 0    | 0     | 0    | 9    | 7    | 5    |
| Future Vol, veh/h        | 0    | 165  | 26   | 24   | 164  | 0    | 0    | 0     | 0    | 9    | 7    | 5    |
| Conflicting Peds, #/hr   | 5    | 0    | 0    | 0    | 0    | 5    | 2    | 0     | 2    | 2    | 0    | 2    |
| Sign Control             | Free | Free | Free | Free | Free | Free | Free | Free  | Free | Stop | Stop | Stop |
| RT Channelized           | -    | -    | None | -    | -    | None | -    | -     | None | -    | -    | None |
| Storage Length           | -    | -    | -    | -    | -    | -    | -    | -     | -    | 0    | -    | -    |
| Veh in Median Storage, # | -    | 0    | -    | -    | 0    | -    | -    | 16974 | -    | -    | 0    | -    |
| Grade, %                 | -    | 0    | -    | -    | 0    | -    | -    | 0     | -    | -    | 0    | -    |
| Peak Hour Factor         | 76   | 76   | 76   | 76   | 76   | 76   | 76   | 76    | 76   | 76   | 76   | 76   |
| Heavy Vehicles, %        | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2     | 2    | 2    | 2    | 2    |
| Mvmt Flow                | 0    | 217  | 34   | 32   | 216  | 0    | 0    | 0     | 0    | 12   | 9    | 7    |

| Major/Minor          | Major1 |   |   | Major2 |   |   | Minor2 |       |       |
|----------------------|--------|---|---|--------|---|---|--------|-------|-------|
| Conflicting Flow All | -      | 0 | 0 | 251    | 0 | 0 | 516    | 531   | 218   |
| Stage 1              | -      | - | - | -      | - | - | 280    | 280   | -     |
| Stage 2              | -      | - | - | -      | - | - | 236    | 251   | -     |
| Critical Hdwy        | -      | - | - | 4.12   | - | - | 6.42   | 6.52  | 6.22  |
| Critical Hdwy Stg 1  | -      | - | - | -      | - | - | 5.42   | 5.52  | -     |
| Critical Hdwy Stg 2  | -      | - | - | -      | - | - | 5.42   | 5.52  | -     |
| Follow-up Hdwy       | -      | - | - | 2.218  | - | - | 3.518  | 4.018 | 3.318 |
| Pot Cap-1 Maneuver   | 0      | - | - | 1314   | - | 0 | 519    | 454   | 822   |
| Stage 1              | 0      | - | - | -      | - | 0 | 767    | 679   | -     |
| Stage 2              | 0      | - | - | -      | - | 0 | 803    | 699   | -     |
| Platoon blocked, %   | -      | - | - | -      | - | - | -      | -     | -     |
| Mov Cap-1 Maneuver   | -      | - | - | 1314   | - | - | 504    | 0     | 820   |
| Mov Cap-2 Maneuver   | -      | - | - | -      | - | - | 504    | 0     | -     |
| Stage 1              | -      | - | - | -      | - | - | 767    | 0     | -     |
| Stage 2              | -      | - | - | -      | - | - | 781    | 0     | -     |

| Approach             | EB | WB | SB   |
|----------------------|----|----|------|
| HCM Control Delay, s | 0  | 1  | 10.7 |
| HCM LOS              |    |    | B    |

| Minor Lane/Major Mvmt | EBT | EBR | WBL   | WBT | SBLn1 | SBLn2 |
|-----------------------|-----|-----|-------|-----|-------|-------|
| Capacity (veh/h)      | -   | -   | 1314  | -   | 504   | 820   |
| HCM Lane V/C Ratio    | -   | -   | 0.024 | -   | 0.023 | 0.019 |
| HCM Control Delay (s) | -   | -   | 7.8   | 0   | 12.3  | 9.5   |
| HCM Lane LOS          | -   | -   | A     | A   | B     | A     |
| HCM 95th %tile Q(veh) | -   | -   | 0.1   | -   | 0.1   | 0.1   |

HCM 6th TWSC  
12: Hillside Ave & Forest Ave

## Glen Ellyn Parking Garage

04/12/2019

| Intersection             |      |      |      |      |      |      |      |       |      |      |      |      |
|--------------------------|------|------|------|------|------|------|------|-------|------|------|------|------|
| Int Delay, s/veh         | 5.7  |      |      |      |      |      |      |       |      |      |      |      |
| Movement                 | EBL  | EBT  | EBR  | WBL  | WBT  | WBR  | NBL  | NBT   | NBR  | SBL  | SBT  | SBR  |
| Lane Configurations      |      |      |      |      | ↔    |      |      |       |      |      | ↔    |      |
| Traffic Vol, veh/h       | 0    | 0    | 0    | 8    | 81   | 0    | 0    | 0     | 0    | 0    | 22   | 35   |
| Future Vol, veh/h        | 0    | 0    | 0    | 8    | 81   | 0    | 0    | 0     | 0    | 0    | 22   | 35   |
| Conflicting Peds, #/hr   | 0    | 0    | 0    | 1    | 0    | 0    | 0    | 0     | 0    | 0    | 0    | 6    |
| Sign Control             | Free | Free | Free | Stop | Stop | Stop | Free | Free  | Free | Free | Free | Free |
| RT Channelized           | -    | -    | None | -    | -    | None | -    | -     | None | -    | -    | None |
| Storage Length           | -    | -    | -    | -    | -    | -    | -    | -     | -    | -    | -    | -    |
| Veh in Median Storage, # | -    | 2    | -    | -    | 0    | -    | -    | 16974 | -    | -    | 0    | -    |
| Grade, %                 | -    | 0    | -    | -    | 0    | -    | -    | 0     | -    | -    | 0    | -    |
| Peak Hour Factor         | 77   | 77   | 77   | 77   | 77   | 77   | 77   | 77    | 77   | 77   | 77   | 77   |
| Heavy Vehicles, %        | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2     | 2    | 2    | 2    | 2    |
| Mvmt Flow                | 0    | 0    | 0    | 10   | 105  | 0    | 0    | 0     | 0    | 0    | 29   | 45   |

| Major/Minor          | Minor1 |       |   | Major2 |   |   |
|----------------------|--------|-------|---|--------|---|---|
| Conflicting Flow All | 53     | 80    | - | -      | - | 0 |
| Stage 1              | 0      | 0     | - | -      | - | - |
| Stage 2              | 53     | 80    | - | -      | - | - |
| Critical Hdwy        | 6.42   | 6.52  | - | -      | - | - |
| Critical Hdwy Stg 1  | -      | -     | - | -      | - | - |
| Critical Hdwy Stg 2  | 5.42   | 5.52  | - | -      | - | - |
| Follow-up Hdwy       | 3.518  | 4.018 | - | -      | - | - |
| Pot Cap-1 Maneuver   | 955    | 810   | 0 | 0      | - | - |
| Stage 1              | -      | -     | 0 | 0      | - | - |
| Stage 2              | 970    | 828   | 0 | 0      | - | - |
| Platoon blocked, %   |        |       |   |        | - | - |
| Mov Cap-1 Maneuver   | 955    | 0     | - | -      | - | - |
| Mov Cap-2 Maneuver   | 955    | 0     | - | -      | - | - |
| Stage 1              | -      | 0     | - | -      | - | - |
| Stage 2              | 970    | 0     | - | -      | - | - |

| Approach             | WB  | SB |
|----------------------|-----|----|
| HCM Control Delay, s | 9.3 | 0  |
| HCM LOS              | A   |    |

| Minor Lane/Major Mvmt | WBLn1 | SBT | SBR |
|-----------------------|-------|-----|-----|
| Capacity (veh/h)      | 955   | -   | -   |
| HCM Lane V/C Ratio    | 0.121 | -   | -   |
| HCM Control Delay (s) | 9.3   | -   | -   |
| HCM Lane LOS          | A     | -   | -   |
| HCM 95th %tile Q(veh) | 0.4   | -   | -   |

HCM 6th AWSC  
5: Main St & Hillside Ave

Glen Ellyn Parking Garage  
04/12/2019

Intersection

Intersection Delay, s/veh 11.2  
Intersection LOS B

| Movement            | EBL  | EBT  | EBR  | WBL  | WBT  | WBR  | NBL  | NBT  | NBR  | SBL  | SBT  | SBR  |
|---------------------|------|------|------|------|------|------|------|------|------|------|------|------|
| Lane Configurations |      | ↕    |      |      | ↕    |      |      | ↕    |      |      | ↕    |      |
| Traffic Vol, veh/h  | 16   | 0    | 15   | 13   | 73   | 30   | 56   | 278  | 0    | 0    | 273  | 31   |
| Future Vol, veh/h   | 16   | 0    | 15   | 13   | 73   | 30   | 56   | 278  | 0    | 0    | 273  | 31   |
| Peak Hour Factor    | 0.94 | 0.94 | 0.94 | 0.94 | 0.94 | 0.94 | 0.94 | 0.94 | 0.94 | 0.94 | 0.94 | 0.94 |
| Heavy Vehicles, %   | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    |
| Mvmt Flow           | 17   | 0    | 16   | 14   | 78   | 32   | 60   | 296  | 0    | 0    | 290  | 33   |
| Number of Lanes     | 0    | 1    | 0    | 0    | 1    | 0    | 0    | 1    | 0    | 0    | 1    | 0    |

| Approach                   | EB  | WB  | NB | SB   |
|----------------------------|-----|-----|----|------|
| Opposing Approach          | WB  | EB  | SB | NB   |
| Opposing Lanes             | 1   | 1   | 1  | 1    |
| Conflicting Approach Left  | SB  | NB  | EB | WB   |
| Conflicting Lanes Left     | 1   | 1   | 1  | 1    |
| Conflicting Approach Right | NB  | SB  | WB | EB   |
| Conflicting Lanes Right    | 1   | 1   | 1  | 1    |
| HCM Control Delay          | 8.9 | 9.7 | 12 | 11.2 |
| HCM LOS                    | A   | A   | B  | B    |

| Lane                   | NBLn1 | EBLn1 | WBLn1 | SBLn1 |
|------------------------|-------|-------|-------|-------|
| Vol Left, %            | 17%   | 52%   | 11%   | 0%    |
| Vol Thru, %            | 83%   | 0%    | 63%   | 90%   |
| Vol Right, %           | 0%    | 48%   | 26%   | 10%   |
| Sign Control           | Stop  | Stop  | Stop  | Stop  |
| Traffic Vol by Lane    | 334   | 31    | 116   | 304   |
| LT Vol                 | 56    | 16    | 13    | 0     |
| Through Vol            | 278   | 0     | 73    | 273   |
| RT Vol                 | 0     | 15    | 30    | 31    |
| Lane Flow Rate         | 355   | 33    | 123   | 323   |
| Geometry Grp           | 1     | 1     | 1     | 1     |
| Degree of Util (X)     | 0.47  | 0.051 | 0.185 | 0.423 |
| Departure Headway (Hd) | 4.758 | 5.619 | 5.391 | 4.705 |
| Convergence, Y/N       | Yes   | Yes   | Yes   | Yes   |
| Cap                    | 753   | 641   | 658   | 760   |
| Service Time           | 2.824 | 3.619 | 3.485 | 2.773 |
| HCM Lane V/C Ratio     | 0.471 | 0.051 | 0.187 | 0.425 |
| HCM Control Delay      | 12    | 8.9   | 9.7   | 11.2  |
| HCM Lane LOS           | B     | A     | A     | B     |
| HCM 95th-tile Q        | 2.5   | 0.2   | 0.7   | 2.1   |



## Lanes, Volumes, Timings

## Glen Ellyn Parking Garage

## 1: Main St &amp; Duane St

04/12/2019

|                         |  |  |  |  |  |  |  |  |  |  |  |  |
|-------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| Lane Group              | EBL                                                                               | EBT                                                                               | EBR                                                                               | WBL                                                                               | WBT                                                                               | WBR                                                                               | NBL                                                                                | NBT                                                                                 | NBR                                                                                 | SBL                                                                                 | SBT                                                                                 | SBR                                                                                 |
| Lane Configurations     |                                                                                   |  |                                                                                   |                                                                                   |  |                                                                                   |                                                                                    |  |                                                                                     |                                                                                     |  |  |
| Traffic Volume (vph)    | 21                                                                                | 92                                                                                | 38                                                                                | 32                                                                                | 76                                                                                | 36                                                                                | 37                                                                                 | 164                                                                                 | 97                                                                                  | 93                                                                                  | 256                                                                                 | 21                                                                                  |
| Future Volume (vph)     | 21                                                                                | 92                                                                                | 38                                                                                | 32                                                                                | 76                                                                                | 36                                                                                | 37                                                                                 | 164                                                                                 | 97                                                                                  | 93                                                                                  | 256                                                                                 | 21                                                                                  |
| Ideal Flow (vphpl)      | 1900                                                                              | 1900                                                                              | 1900                                                                              | 1900                                                                              | 1900                                                                              | 1900                                                                              | 1900                                                                               | 1900                                                                                | 1900                                                                                | 1900                                                                                | 1900                                                                                | 1900                                                                                |
| Storage Length (ft)     | 0                                                                                 |                                                                                   | 0                                                                                 | 0                                                                                 |                                                                                   | 60                                                                                | 0                                                                                  |                                                                                     | 60                                                                                  | 0                                                                                   |                                                                                     | 75                                                                                  |
| Storage Lanes           | 0                                                                                 |                                                                                   | 0                                                                                 | 0                                                                                 |                                                                                   | 0                                                                                 | 0                                                                                  |                                                                                     | 0                                                                                   | 0                                                                                   |                                                                                     | 1                                                                                   |
| Taper Length (ft)       | 25                                                                                |                                                                                   |                                                                                   | 25                                                                                |                                                                                   |                                                                                   | 25                                                                                 |                                                                                     |                                                                                     | 25                                                                                  |                                                                                     |                                                                                     |
| Lane Util. Factor       | 1.00                                                                              | 1.00                                                                              | 1.00                                                                              | 1.00                                                                              | 1.00                                                                              | 1.00                                                                              | 1.00                                                                               | 1.00                                                                                | 1.00                                                                                | 1.00                                                                                | 1.00                                                                                | 1.00                                                                                |
| Ped Bike Factor         |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                    |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |
| Frt                     |                                                                                   | 0.966                                                                             |                                                                                   |                                                                                   | 0.966                                                                             |                                                                                   |                                                                                    | 0.956                                                                               |                                                                                     |                                                                                     |                                                                                     | 0.850                                                                               |
| Flt Protected           |                                                                                   | 0.993                                                                             |                                                                                   |                                                                                   | 0.989                                                                             |                                                                                   |                                                                                    | 0.994                                                                               |                                                                                     |                                                                                     | 0.987                                                                               |                                                                                     |
| Satd. Flow (prot)       | 0                                                                                 | 1447                                                                              | 0                                                                                 | 0                                                                                 | 1441                                                                              | 0                                                                                 | 0                                                                                  | 1434                                                                                | 0                                                                                   | 0                                                                                   | 1655                                                                                | 1425                                                                                |
| Flt Permitted           |                                                                                   | 0.993                                                                             |                                                                                   |                                                                                   | 0.989                                                                             |                                                                                   |                                                                                    | 0.994                                                                               |                                                                                     |                                                                                     | 0.987                                                                               |                                                                                     |
| Satd. Flow (perm)       | 0                                                                                 | 1447                                                                              | 0                                                                                 | 0                                                                                 | 1441                                                                              | 0                                                                                 | 0                                                                                  | 1434                                                                                | 0                                                                                   | 0                                                                                   | 1655                                                                                | 1425                                                                                |
| Link Speed (mph)        |                                                                                   | 25                                                                                |                                                                                   |                                                                                   | 25                                                                                |                                                                                   |                                                                                    | 30                                                                                  |                                                                                     |                                                                                     | 30                                                                                  |                                                                                     |
| Link Distance (ft)      |                                                                                   | 265                                                                               |                                                                                   |                                                                                   | 330                                                                               |                                                                                   |                                                                                    | 520                                                                                 |                                                                                     |                                                                                     | 279                                                                                 |                                                                                     |
| Travel Time (s)         |                                                                                   | 7.2                                                                               |                                                                                   |                                                                                   | 9.0                                                                               |                                                                                   |                                                                                    | 11.8                                                                                |                                                                                     |                                                                                     | 6.3                                                                                 |                                                                                     |
| Confl. Peds. (#/hr)     | 1                                                                                 |                                                                                   | 28                                                                                | 28                                                                                |                                                                                   | 1                                                                                 | 21                                                                                 |                                                                                     | 10                                                                                  | 10                                                                                  |                                                                                     | 21                                                                                  |
| Peak Hour Factor        | 0.95                                                                              | 0.95                                                                              | 0.95                                                                              | 0.95                                                                              | 0.95                                                                              | 0.95                                                                              | 0.95                                                                               | 0.95                                                                                | 0.95                                                                                | 0.95                                                                                | 0.95                                                                                | 0.95                                                                                |
| Parking (#/hr)          |                                                                                   | 0                                                                                 |                                                                                   |                                                                                   | 0                                                                                 |                                                                                   |                                                                                    | 0                                                                                   |                                                                                     |                                                                                     |                                                                                     |                                                                                     |
| Adj. Flow (vph)         | 22                                                                                | 97                                                                                | 40                                                                                | 34                                                                                | 80                                                                                | 38                                                                                | 39                                                                                 | 173                                                                                 | 102                                                                                 | 98                                                                                  | 269                                                                                 | 22                                                                                  |
| Shared Lane Traffic (%) |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                    |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |
| Lane Group Flow (vph)   | 0                                                                                 | 159                                                                               | 0                                                                                 | 0                                                                                 | 152                                                                               | 0                                                                                 | 0                                                                                  | 314                                                                                 | 0                                                                                   | 0                                                                                   | 367                                                                                 | 22                                                                                  |
| Sign Control            |                                                                                   | Stop                                                                              |                                                                                   |                                                                                   | Stop                                                                              |                                                                                   |                                                                                    | Stop                                                                                |                                                                                     |                                                                                     | Free                                                                                |                                                                                     |

## Intersection Summary

Area Type: CBD

Control Type: Unsignalized

Intersection Capacity Utilization 63.6% ICU Level of Service B

Analysis Period (min) 15

HCM 6th TWSC  
2: VH Lot & Duane St

Glen Ellyn Parking Garage  
04/12/2019

Intersection

Int Delay, s/veh 1.6

Movement EBT EBR WBL WBT NBL NBR

Lane Configurations      

Traffic Vol, veh/h 178 104 45 117 24 13

Future Vol, veh/h 178 104 45 117 24 13

Conflicting Peds, #/hr 0 10 10 0 0 0

Sign Control Free Free Free Free Stop Stop

RT Channelized - None - None - None

Storage Length - - - - 0 -

Veh in Median Storage, # 0 - - 0 0 -

Grade, % 0 - - 0 0 -

Peak Hour Factor 93 93 93 93 93 93

Heavy Vehicles, % 2 2 2 2 2 2

Mvmt Flow 191 112 48 126 26 14

Major/Minor Major1 Major2 Minor1

Conflicting Flow All 0 0 313 0 479 257

Stage 1 - - - - 257 -

Stage 2 - - - - 222 -

Critical Hdwy - - 4.12 - 6.42 6.22

Critical Hdwy Stg 1 - - - - 5.42 -

Critical Hdwy Stg 2 - - - - 5.42 -

Follow-up Hdwy - - 2.218 - 3.518 3.318

Pot Cap-1 Maneuver - - 1247 - 545 782

Stage 1 - - - - 786 -

Stage 2 - - - - 815 -

Platoon blocked, % - - - -

Mov Cap-1 Maneuver - - 1235 - 517 775

Mov Cap-2 Maneuver - - - - 517 -

Stage 1 - - - - 778 -

Stage 2 - - - - 781 -

Approach EB WB NB

HCM Control Delay, s 0 2.2 11.6

HCM LOS B

Minor Lane/Major Mvmt NBLn1 EBT EBR WBL WBT

Capacity (veh/h) 585 - - 1235 -

HCM Lane V/C Ratio 0.068 - - 0.039 -

HCM Control Delay (s) 11.6 - - 8 0

HCM Lane LOS B - - A A

HCM 95th %tile Q(veh) 0.2 - - 0.1 -

HCM 6th TWSC  
7: Forest Ave & Duane St

Glen Ellyn Parking Garage  
04/12/2019

## Intersection

Int Delay, s/veh 1.2

| Movement                 | EBL  | EBT  | EBR  | WBL  | WBT  | WBR  | NBL  | NBT   | NBR  | SBL  | SBT  | SBR  |
|--------------------------|------|------|------|------|------|------|------|-------|------|------|------|------|
| Lane Configurations      |      | ↱    |      |      | ↰    |      |      |       |      | ↱    | ↰    |      |
| Traffic Vol, veh/h       | 0    | 165  | 26   | 31   | 157  | 0    | 0    | 0     | 0    | 9    | 7    | 5    |
| Future Vol, veh/h        | 0    | 165  | 26   | 31   | 157  | 0    | 0    | 0     | 0    | 9    | 7    | 5    |
| Conflicting Peds, #/hr   | 5    | 0    | 0    | 0    | 0    | 5    | 2    | 0     | 2    | 2    | 0    | 2    |
| Sign Control             | Free | Free | Free | Free | Free | Free | Free | Free  | Free | Stop | Stop | Stop |
| RT Channelized           | -    | -    | None | -    | -    | None | -    | -     | None | -    | -    | None |
| Storage Length           | -    | -    | -    | -    | -    | -    | -    | -     | -    | 0    | -    | -    |
| Veh in Median Storage, # | -    | 0    | -    | -    | 0    | -    | -    | 16974 | -    | -    | 0    | -    |
| Grade, %                 | -    | 0    | -    | -    | 0    | -    | -    | 0     | -    | -    | 0    | -    |
| Peak Hour Factor         | 76   | 76   | 76   | 76   | 76   | 76   | 76   | 76    | 76   | 76   | 76   | 76   |
| Heavy Vehicles, %        | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2     | 2    | 2    | 2    | 2    |
| Mvmt Flow                | 0    | 217  | 34   | 41   | 207  | 0    | 0    | 0     | 0    | 12   | 9    | 7    |

| Major/Minor          | Major1 |   |   | Major2 |   |   | Minor2 |       |       |
|----------------------|--------|---|---|--------|---|---|--------|-------|-------|
| Conflicting Flow All | -      | 0 | 0 | 251    | 0 | 0 | 525    | 540   | 209   |
| Stage 1              | -      | - | - | -      | - | - | 289    | 289   | -     |
| Stage 2              | -      | - | - | -      | - | - | 236    | 251   | -     |
| Critical Hdwy        | -      | - | - | 4.12   | - | - | 6.42   | 6.52  | 6.22  |
| Critical Hdwy Stg 1  | -      | - | - | -      | - | - | 5.42   | 5.52  | -     |
| Critical Hdwy Stg 2  | -      | - | - | -      | - | - | 5.42   | 5.52  | -     |
| Follow-up Hdwy       | -      | - | - | 2.218  | - | - | 3.518  | 4.018 | 3.318 |
| Pot Cap-1 Maneuver   | 0      | - | - | 1314   | - | 0 | 513    | 449   | 831   |
| Stage 1              | 0      | - | - | -      | - | 0 | 760    | 673   | -     |
| Stage 2              | 0      | - | - | -      | - | 0 | 803    | 699   | -     |
| Platoon blocked, %   | -      | - | - | -      | - | - | -      | -     | -     |
| Mov Cap-1 Maneuver   | -      | - | - | 1314   | - | - | 495    | 0     | 829   |
| Mov Cap-2 Maneuver   | -      | - | - | -      | - | - | 495    | 0     | -     |
| Stage 1              | -      | - | - | -      | - | - | 760    | 0     | -     |
| Stage 2              | -      | - | - | -      | - | - | 775    | 0     | -     |

| Approach             | EB | WB  | SB   |
|----------------------|----|-----|------|
| HCM Control Delay, s | 0  | 1.3 | 10.7 |
| HCM LOS              |    |     | B    |

| Minor Lane/Major Mvmt | EBT | EBR | WBL   | WBT | SBLn1 | SBLn2 |
|-----------------------|-----|-----|-------|-----|-------|-------|
| Capacity (veh/h)      | -   | -   | 1314  | -   | 495   | 829   |
| HCM Lane V/C Ratio    | -   | -   | 0.031 | -   | 0.024 | 0.019 |
| HCM Control Delay (s) | -   | -   | 7.8   | 0   | 12.5  | 9.4   |
| HCM Lane LOS          | -   | -   | A     | A   | B     | A     |
| HCM 95th %tile Q(veh) | -   | -   | 0.1   | -   | 0.1   | 0.1   |

HCM 6th TWSC  
10: Forest Ave & FUM Lot

Glen Ellyn Parking Garage

04/12/2019

| Intersection             |        |                                                                                   |        |       |                                                                                   |      |
|--------------------------|--------|-----------------------------------------------------------------------------------|--------|-------|-----------------------------------------------------------------------------------|------|
| Int Delay, s/veh         | 0.4    |                                                                                   |        |       |                                                                                   |      |
| Movement                 | EBL    | EBR                                                                               | NBL    | NBT   | SBT                                                                               | SBR  |
| Lane Configurations      |        |  |        |       |  |      |
| Traffic Vol, veh/h       | 0      | 3                                                                                 | 0      | 0     | 57                                                                                | 7    |
| Future Vol, veh/h        | 0      | 3                                                                                 | 0      | 0     | 57                                                                                | 7    |
| Conflicting Peds, #/hr   | 0      | 0                                                                                 | 0      | 0     | 0                                                                                 | 0    |
| Sign Control             | Stop   | Stop                                                                              | Free   | Free  | Free                                                                              | Free |
| RT Channelized           | -      | None                                                                              | -      | None  | -                                                                                 | None |
| Storage Length           | -      | 0                                                                                 | -      | -     | -                                                                                 | -    |
| Veh in Median Storage, # | 0      | -                                                                                 | -      | 16974 | 0                                                                                 | -    |
| Grade, %                 | 0      | -                                                                                 | -      | 0     | 0                                                                                 | -    |
| Peak Hour Factor         | 92     | 92                                                                                | 92     | 92    | 92                                                                                | 92   |
| Heavy Vehicles, %        | 2      | 2                                                                                 | 2      | 2     | 2                                                                                 | 2    |
| Mvmt Flow                | 0      | 3                                                                                 | 0      | 0     | 62                                                                                | 8    |
| Major/Minor              | Minor2 |                                                                                   | Major2 |       |                                                                                   |      |
| Conflicting Flow All     | -      | 66                                                                                | -      | -     | -                                                                                 | 0    |
| Stage 1                  | -      | -                                                                                 | -      | -     | -                                                                                 | -    |
| Stage 2                  | -      | -                                                                                 | -      | -     | -                                                                                 | -    |
| Critical Hdwy            | -      | 6.22                                                                              | -      | -     | -                                                                                 | -    |
| Critical Hdwy Stg 1      | -      | -                                                                                 | -      | -     | -                                                                                 | -    |
| Critical Hdwy Stg 2      | -      | -                                                                                 | -      | -     | -                                                                                 | -    |
| Follow-up Hdwy           | -      | 3.318                                                                             | -      | -     | -                                                                                 | -    |
| Pot Cap-1 Maneuver       | 0      | 998                                                                               | -      | -     | -                                                                                 | -    |
| Stage 1                  | 0      | -                                                                                 | -      | -     | -                                                                                 | -    |
| Stage 2                  | 0      | -                                                                                 | -      | -     | -                                                                                 | -    |
| Platoon blocked, %       | -      | -                                                                                 | -      | -     | -                                                                                 | -    |
| Mov Cap-1 Maneuver       | -      | 998                                                                               | -      | -     | -                                                                                 | -    |
| Mov Cap-2 Maneuver       | -      | -                                                                                 | -      | -     | -                                                                                 | -    |
| Stage 1                  | -      | -                                                                                 | -      | -     | -                                                                                 | -    |
| Stage 2                  | -      | -                                                                                 | -      | -     | -                                                                                 | -    |
| Approach                 | EB     |                                                                                   | SB     |       |                                                                                   |      |
| HCM Control Delay, s     | 8.6    |                                                                                   | 0      |       |                                                                                   |      |
| HCM LOS                  | A      |                                                                                   |        |       |                                                                                   |      |
| Minor Lane/Major Mvmt    | EBLn1  | SBT                                                                               | SBR    |       |                                                                                   |      |
| Capacity (veh/h)         | 998    | -                                                                                 | -      |       |                                                                                   |      |
| HCM Lane V/C Ratio       | 0.003  | -                                                                                 | -      |       |                                                                                   |      |
| HCM Control Delay (s)    | 8.6    | -                                                                                 | -      |       |                                                                                   |      |
| HCM Lane LOS             | A      | -                                                                                 | -      |       |                                                                                   |      |
| HCM 95th %tile Q(veh)    | 0      | -                                                                                 | -      |       |                                                                                   |      |

HCM 6th TWSC  
12: Hillside Ave & Forest Ave

Glen Ellyn Parking Garage  
04/12/2019

## Intersection

Int Delay, s/veh 5.6

| Movement                 | EBL  | EBT  | EBR  | WBL  | WBT  | WBR  | NBL  | NBT   | NBR  | SBL  | SBT  | SBR  |
|--------------------------|------|------|------|------|------|------|------|-------|------|------|------|------|
| Lane Configurations      |      |      |      |      | ↔    |      |      |       |      |      | ↔    |      |
| Traffic Vol, veh/h       | 0    | 0    | 0    | 8    | 81   | 0    | 0    | 0     | 0    | 0    | 22   | 38   |
| Future Vol, veh/h        | 0    | 0    | 0    | 8    | 81   | 0    | 0    | 0     | 0    | 0    | 22   | 38   |
| Conflicting Peds, #/hr   | 0    | 0    | 0    | 1    | 0    | 0    | 0    | 0     | 0    | 0    | 0    | 6    |
| Sign Control             | Free | Free | Free | Stop | Stop | Stop | Free | Free  | Free | Free | Free | Free |
| RT Channelized           | -    | -    | None | -    | -    | None | -    | -     | None | -    | -    | None |
| Storage Length           | -    | -    | -    | -    | -    | -    | -    | -     | -    | -    | -    | -    |
| Veh in Median Storage, # | -    | 2    | -    | -    | 0    | -    | -    | 16974 | -    | -    | 0    | -    |
| Grade, %                 | -    | 0    | -    | -    | 0    | -    | -    | 0     | -    | -    | 0    | -    |
| Peak Hour Factor         | 77   | 77   | 77   | 77   | 77   | 77   | 77   | 77    | 77   | 77   | 77   | 77   |
| Heavy Vehicles, %        | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2     | 2    | 2    | 2    | 2    |
| Mvmt Flow                | 0    | 0    | 0    | 10   | 105  | 0    | 0    | 0     | 0    | 0    | 29   | 49   |

| Major/Minor          | Minor1      | Major2 |
|----------------------|-------------|--------|
| Conflicting Flow All | 55 84       | - - 0  |
| Stage 1              | 0 0         | - - -  |
| Stage 2              | 55 84       | - - -  |
| Critical Hdwy        | 6.42 6.52   | - - -  |
| Critical Hdwy Stg 1  | - -         | - - -  |
| Critical Hdwy Stg 2  | 5.42 5.52   | - - -  |
| Follow-up Hdwy       | 3.518 4.018 | - - -  |
| Pot Cap-1 Maneuver   | 953 806     | 0 - -  |
| Stage 1              | - - 0       | 0 - -  |
| Stage 2              | 968 825     | 0 - -  |
| Platoon blocked, %   |             | - -    |
| Mov Cap-1 Maneuver   | 953 0       | - - -  |
| Mov Cap-2 Maneuver   | 953 0       | - - -  |
| Stage 1              | - 0         | - - -  |
| Stage 2              | 968 0       | - - -  |

| Approach             | WB  | SB |
|----------------------|-----|----|
| HCM Control Delay, s | 9.3 | 0  |
| HCM LOS              | A   |    |

| Minor Lane/Major Mvmt | WBLn1 | SBT | SBR |
|-----------------------|-------|-----|-----|
| Capacity (veh/h)      | 953   | -   | -   |
| HCM Lane V/C Ratio    | 0.121 | -   | -   |
| HCM Control Delay (s) | 9.3   | -   | -   |
| HCM Lane LOS          | A     | -   | -   |
| HCM 95th %tile Q(veh) | 0.4   | -   | -   |

HCM 6th AWSC  
5: Main St & Hillside Ave

Glen Ellyn Parking Garage  
04/12/2019

Intersection

Intersection Delay, s/veh 11.3  
Intersection LOS B

| Movement            | EBL  | EBT                                                                               | EBR  | WBL  | WBT                                                                               | WBR  | NBL  | NBT                                                                                 | NBR  | SBL  | SBT                                                                                 | SBR  |
|---------------------|------|-----------------------------------------------------------------------------------|------|------|-----------------------------------------------------------------------------------|------|------|-------------------------------------------------------------------------------------|------|------|-------------------------------------------------------------------------------------|------|
| Lane Configurations |      |  |      |      |  |      |      |  |      |      |  |      |
| Traffic Vol, veh/h  | 16   | 0                                                                                 | 15   | 15   | 74                                                                                | 30   | 56   | 278                                                                                 | 0    | 0    | 273                                                                                 | 31   |
| Future Vol, veh/h   | 16   | 0                                                                                 | 15   | 15   | 74                                                                                | 30   | 56   | 278                                                                                 | 0    | 0    | 273                                                                                 | 31   |
| Peak Hour Factor    | 0.94 | 0.94                                                                              | 0.94 | 0.94 | 0.94                                                                              | 0.94 | 0.94 | 0.94                                                                                | 0.94 | 0.94 | 0.94                                                                                | 0.94 |
| Heavy Vehicles, %   | 2    | 2                                                                                 | 2    | 2    | 2                                                                                 | 2    | 2    | 2                                                                                   | 2    | 2    | 2                                                                                   | 2    |
| Mvmt Flow           | 17   | 0                                                                                 | 16   | 16   | 79                                                                                | 32   | 60   | 296                                                                                 | 0    | 0    | 290                                                                                 | 33   |
| Number of Lanes     | 0    | 1                                                                                 | 0    | 0    | 1                                                                                 | 0    | 0    | 1                                                                                   | 0    | 0    | 1                                                                                   | 0    |

| Approach                   | EB  | WB  | NB   | SB   |
|----------------------------|-----|-----|------|------|
| Opposing Approach          | WB  | EB  | SB   | NB   |
| Opposing Lanes             | 1   | 1   | 1    | 1    |
| Conflicting Approach Left  | SB  | NB  | EB   | WB   |
| Conflicting Lanes Left     | 1   | 1   | 1    | 1    |
| Conflicting Approach Right | NB  | SB  | WB   | EB   |
| Conflicting Lanes Right    | 1   | 1   | 1    | 1    |
| HCM Control Delay          | 8.9 | 9.8 | 12.1 | 11.2 |
| HCM LOS                    | A   | A   | B    | B    |

| Lane                   | NBLn1 | EBLn1 | WBLn1 | SBLn1 |
|------------------------|-------|-------|-------|-------|
| Vol Left, %            | 17%   | 52%   | 13%   | 0%    |
| Vol Thru, %            | 83%   | 0%    | 62%   | 90%   |
| Vol Right, %           | 0%    | 48%   | 25%   | 10%   |
| Sign Control           | Stop  | Stop  | Stop  | Stop  |
| Traffic Vol by Lane    | 334   | 31    | 119   | 304   |
| LT Vol                 | 56    | 16    | 15    | 0     |
| Through Vol            | 278   | 0     | 74    | 273   |
| RT Vol                 | 0     | 15    | 30    | 31    |
| Lane Flow Rate         | 355   | 33    | 127   | 323   |
| Geometry Grp           | 1     | 1     | 1     | 1     |
| Degree of Util (X)     | 0.47  | 0.052 | 0.19  | 0.423 |
| Departure Headway (Hd) | 4.766 | 5.626 | 5.398 | 4.714 |
| Convergence, Y/N       | Yes   | Yes   | Yes   | Yes   |
| Cap                    | 750   | 640   | 657   | 757   |
| Service Time           | 2.836 | 3.626 | 3.493 | 2.785 |
| HCM Lane V/C Ratio     | 0.473 | 0.052 | 0.193 | 0.427 |
| HCM Control Delay      | 12.1  | 8.9   | 9.8   | 11.2  |
| HCM Lane LOS           | B     | A     | A     | B     |
| HCM 95th-tile Q        | 2.5   | 0.2   | 0.7   | 2.1   |

## Lanes, Volumes, Timings

## Glen Ellyn Parking Garage

## 1: Main St &amp; Duane St

04/12/2019

|                         |  |  |  |  |  |  |  |  |  |  |  |  |
|-------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| Lane Group              | EBL                                                                               | EBT                                                                               | EBR                                                                               | WBL                                                                               | WBT                                                                               | WBR                                                                               | NBL                                                                                | NBT                                                                                 | NBR                                                                                 | SBL                                                                                 | SBT                                                                                 | SBR                                                                                 |
| Lane Configurations     |                                                                                   |  |                                                                                   |                                                                                   |  |                                                                                   |                                                                                    |  |  |                                                                                     |  |  |
| Traffic Volume (vph)    | 21                                                                                | 92                                                                                | 38                                                                                | 30                                                                                | 75                                                                                | 36                                                                                | 37                                                                                 | 164                                                                                 | 97                                                                                  | 93                                                                                  | 256                                                                                 | 21                                                                                  |
| Future Volume (vph)     | 21                                                                                | 92                                                                                | 38                                                                                | 30                                                                                | 75                                                                                | 36                                                                                | 37                                                                                 | 164                                                                                 | 97                                                                                  | 93                                                                                  | 256                                                                                 | 21                                                                                  |
| Ideal Flow (vphpl)      | 1900                                                                              | 1900                                                                              | 1900                                                                              | 1900                                                                              | 1900                                                                              | 1900                                                                              | 1900                                                                               | 1900                                                                                | 1900                                                                                | 1900                                                                                | 1900                                                                                | 1900                                                                                |
| Storage Length (ft)     | 0                                                                                 |                                                                                   | 0                                                                                 | 0                                                                                 |                                                                                   | 60                                                                                | 0                                                                                  |                                                                                     | 60                                                                                  | 0                                                                                   |                                                                                     | 75                                                                                  |
| Storage Lanes           | 0                                                                                 |                                                                                   | 0                                                                                 | 0                                                                                 |                                                                                   | 0                                                                                 | 0                                                                                  |                                                                                     | 1                                                                                   | 0                                                                                   |                                                                                     | 1                                                                                   |
| Taper Length (ft)       | 25                                                                                |                                                                                   |                                                                                   | 25                                                                                |                                                                                   |                                                                                   | 25                                                                                 |                                                                                     |                                                                                     | 25                                                                                  |                                                                                     |                                                                                     |
| Lane Util. Factor       | 1.00                                                                              | 1.00                                                                              | 1.00                                                                              | 1.00                                                                              | 1.00                                                                              | 1.00                                                                              | 1.00                                                                               | 0.95                                                                                | 0.95                                                                                | 1.00                                                                                | 1.00                                                                                | 1.00                                                                                |
| Ped Bike Factor         |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                    |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |
| Frt                     |                                                                                   | 0.966                                                                             |                                                                                   |                                                                                   | 0.966                                                                             |                                                                                   |                                                                                    | 0.993                                                                               | 0.850                                                                               |                                                                                     |                                                                                     | 0.850                                                                               |
| Flt Protected           |                                                                                   | 0.993                                                                             |                                                                                   |                                                                                   | 0.989                                                                             |                                                                                   |                                                                                    | 0.991                                                                               |                                                                                     |                                                                                     | 0.987                                                                               |                                                                                     |
| Satd. Flow (prot)       | 0                                                                                 | 1447                                                                              | 0                                                                                 | 0                                                                                 | 1441                                                                              | 0                                                                                 | 0                                                                                  | 1411                                                                                | 1354                                                                                | 0                                                                                   | 1655                                                                                | 1425                                                                                |
| Flt Permitted           |                                                                                   | 0.993                                                                             |                                                                                   |                                                                                   | 0.989                                                                             |                                                                                   |                                                                                    | 0.991                                                                               |                                                                                     |                                                                                     | 0.987                                                                               |                                                                                     |
| Satd. Flow (perm)       | 0                                                                                 | 1447                                                                              | 0                                                                                 | 0                                                                                 | 1441                                                                              | 0                                                                                 | 0                                                                                  | 1411                                                                                | 1354                                                                                | 0                                                                                   | 1655                                                                                | 1425                                                                                |
| Link Speed (mph)        |                                                                                   | 25                                                                                |                                                                                   |                                                                                   | 25                                                                                |                                                                                   |                                                                                    | 30                                                                                  |                                                                                     |                                                                                     | 30                                                                                  |                                                                                     |
| Link Distance (ft)      |                                                                                   | 265                                                                               |                                                                                   |                                                                                   | 330                                                                               |                                                                                   |                                                                                    | 520                                                                                 |                                                                                     |                                                                                     | 279                                                                                 |                                                                                     |
| Travel Time (s)         |                                                                                   | 7.2                                                                               |                                                                                   |                                                                                   | 9.0                                                                               |                                                                                   |                                                                                    | 11.8                                                                                |                                                                                     |                                                                                     | 6.3                                                                                 |                                                                                     |
| Confl. Peds. (#/hr)     | 1                                                                                 |                                                                                   | 28                                                                                | 28                                                                                |                                                                                   | 1                                                                                 | 21                                                                                 |                                                                                     | 10                                                                                  | 10                                                                                  |                                                                                     | 21                                                                                  |
| Peak Hour Factor        | 0.95                                                                              | 0.95                                                                              | 0.95                                                                              | 0.95                                                                              | 0.95                                                                              | 0.95                                                                              | 0.95                                                                               | 0.95                                                                                | 0.95                                                                                | 0.95                                                                                | 0.95                                                                                | 0.95                                                                                |
| Parking (#/hr)          |                                                                                   | 0                                                                                 |                                                                                   |                                                                                   | 0                                                                                 |                                                                                   |                                                                                    | 0                                                                                   |                                                                                     |                                                                                     |                                                                                     |                                                                                     |
| Adj. Flow (vph)         | 22                                                                                | 97                                                                                | 40                                                                                | 32                                                                                | 79                                                                                | 38                                                                                | 39                                                                                 | 173                                                                                 | 102                                                                                 | 98                                                                                  | 269                                                                                 | 22                                                                                  |
| Shared Lane Traffic (%) |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                    |                                                                                     | 10%                                                                                 |                                                                                     |                                                                                     |                                                                                     |
| Lane Group Flow (vph)   | 0                                                                                 | 159                                                                               | 0                                                                                 | 0                                                                                 | 149                                                                               | 0                                                                                 | 0                                                                                  | 222                                                                                 | 92                                                                                  | 0                                                                                   | 367                                                                                 | 22                                                                                  |
| Sign Control            |                                                                                   | Stop                                                                              |                                                                                   |                                                                                   | Stop                                                                              |                                                                                   |                                                                                    | Stop                                                                                |                                                                                     |                                                                                     | Free                                                                                |                                                                                     |

## Intersection Summary

Area Type: CBD

Control Type: Unsignalized

Intersection Capacity Utilization 58.5%

ICU Level of Service B

Analysis Period (min) 15

HCM 6th TWSC  
2: VH Lot & Duane St

Glen Ellyn Parking Garage  
04/12/2019

Intersection

Int Delay, s/veh 4

| Movement | EBT | EBR | WBL | WBT | NBL | NBR |
|----------|-----|-----|-----|-----|-----|-----|
|----------|-----|-----|-----|-----|-----|-----|

|                     |                                                                                   |  |  |                                                                                   |                                                                                   |  |
|---------------------|-----------------------------------------------------------------------------------|--|--|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|--|
| Lane Configurations |  |  |  |  |  |  |
|---------------------|-----------------------------------------------------------------------------------|--|--|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|--|

|                    |     |    |    |     |     |    |
|--------------------|-----|----|----|-----|-----|----|
| Traffic Vol, veh/h | 195 | 26 | 13 | 163 | 103 | 50 |
|--------------------|-----|----|----|-----|-----|----|

|                   |     |    |    |     |     |    |
|-------------------|-----|----|----|-----|-----|----|
| Future Vol, veh/h | 195 | 26 | 13 | 163 | 103 | 50 |
|-------------------|-----|----|----|-----|-----|----|

|                        |   |    |    |   |   |   |
|------------------------|---|----|----|---|---|---|
| Conflicting Peds, #/hr | 0 | 10 | 10 | 0 | 0 | 0 |
|------------------------|---|----|----|---|---|---|

|              |      |      |      |      |      |      |
|--------------|------|------|------|------|------|------|
| Sign Control | Free | Free | Free | Free | Stop | Stop |
|--------------|------|------|------|------|------|------|

|                |   |      |   |      |   |      |
|----------------|---|------|---|------|---|------|
| RT Channelized | - | None | - | None | - | None |
|----------------|---|------|---|------|---|------|

|                |   |   |   |   |   |   |
|----------------|---|---|---|---|---|---|
| Storage Length | - | - | - | - | 0 | - |
|----------------|---|---|---|---|---|---|

|                          |   |   |   |   |   |   |
|--------------------------|---|---|---|---|---|---|
| Veh in Median Storage, # | 0 | - | - | 0 | 0 | - |
|--------------------------|---|---|---|---|---|---|

|          |   |   |   |   |   |   |
|----------|---|---|---|---|---|---|
| Grade, % | 0 | - | - | 0 | 0 | - |
|----------|---|---|---|---|---|---|

|                  |    |    |    |    |    |    |
|------------------|----|----|----|----|----|----|
| Peak Hour Factor | 84 | 84 | 84 | 84 | 84 | 84 |
|------------------|----|----|----|----|----|----|

|                   |   |   |   |   |   |   |
|-------------------|---|---|---|---|---|---|
| Heavy Vehicles, % | 2 | 2 | 2 | 2 | 2 | 2 |
|-------------------|---|---|---|---|---|---|

|           |     |    |    |     |     |    |
|-----------|-----|----|----|-----|-----|----|
| Mvmt Flow | 232 | 31 | 15 | 194 | 123 | 60 |
|-----------|-----|----|----|-----|-----|----|

| Major/Minor | Major1 | Major2 | Minor1 |
|-------------|--------|--------|--------|
|-------------|--------|--------|--------|

|                      |   |   |     |   |     |     |
|----------------------|---|---|-----|---|-----|-----|
| Conflicting Flow All | 0 | 0 | 273 | 0 | 482 | 258 |
|----------------------|---|---|-----|---|-----|-----|

|         |   |   |   |   |     |   |
|---------|---|---|---|---|-----|---|
| Stage 1 | - | - | - | - | 258 | - |
|---------|---|---|---|---|-----|---|

|         |   |   |   |   |     |   |
|---------|---|---|---|---|-----|---|
| Stage 2 | - | - | - | - | 224 | - |
|---------|---|---|---|---|-----|---|

|               |   |   |      |   |      |      |
|---------------|---|---|------|---|------|------|
| Critical Hdwy | - | - | 4.12 | - | 6.42 | 6.22 |
|---------------|---|---|------|---|------|------|

|                     |   |   |   |   |      |   |
|---------------------|---|---|---|---|------|---|
| Critical Hdwy Stg 1 | - | - | - | - | 5.42 | - |
|---------------------|---|---|---|---|------|---|

|                     |   |   |   |   |      |   |
|---------------------|---|---|---|---|------|---|
| Critical Hdwy Stg 2 | - | - | - | - | 5.42 | - |
|---------------------|---|---|---|---|------|---|

|                |   |   |       |   |       |       |
|----------------|---|---|-------|---|-------|-------|
| Follow-up Hdwy | - | - | 2.218 | - | 3.518 | 3.318 |
|----------------|---|---|-------|---|-------|-------|

|                    |   |   |      |   |     |     |
|--------------------|---|---|------|---|-----|-----|
| Pot Cap-1 Maneuver | - | - | 1290 | - | 543 | 781 |
|--------------------|---|---|------|---|-----|-----|

|         |   |   |   |   |     |   |
|---------|---|---|---|---|-----|---|
| Stage 1 | - | - | - | - | 785 | - |
|---------|---|---|---|---|-----|---|

|         |   |   |   |   |     |   |
|---------|---|---|---|---|-----|---|
| Stage 2 | - | - | - | - | 813 | - |
|---------|---|---|---|---|-----|---|

|                    |   |   |   |   |   |   |
|--------------------|---|---|---|---|---|---|
| Platoon blocked, % | - | - | - | - | - | - |
|--------------------|---|---|---|---|---|---|

|                    |   |   |      |   |     |     |
|--------------------|---|---|------|---|-----|-----|
| Mov Cap-1 Maneuver | - | - | 1278 | - | 531 | 774 |
|--------------------|---|---|------|---|-----|-----|

|                    |   |   |   |   |     |   |
|--------------------|---|---|---|---|-----|---|
| Mov Cap-2 Maneuver | - | - | - | - | 531 | - |
|--------------------|---|---|---|---|-----|---|

|         |   |   |   |   |     |   |
|---------|---|---|---|---|-----|---|
| Stage 1 | - | - | - | - | 777 | - |
|---------|---|---|---|---|-----|---|

|         |   |   |   |   |     |   |
|---------|---|---|---|---|-----|---|
| Stage 2 | - | - | - | - | 802 | - |
|---------|---|---|---|---|-----|---|

| Approach | EB | WB | NB |
|----------|----|----|----|
|----------|----|----|----|

|                      |   |     |      |
|----------------------|---|-----|------|
| HCM Control Delay, s | 0 | 0.6 | 13.8 |
|----------------------|---|-----|------|

|         |  |  |   |
|---------|--|--|---|
| HCM LOS |  |  | B |
|---------|--|--|---|

| Minor Lane/Major Mvmt | NBLn1 | EBT | EBR | WBL | WBT |
|-----------------------|-------|-----|-----|-----|-----|
|-----------------------|-------|-----|-----|-----|-----|

|                  |     |   |   |      |   |
|------------------|-----|---|---|------|---|
| Capacity (veh/h) | 592 | - | - | 1278 | - |
|------------------|-----|---|---|------|---|

|                    |       |   |   |       |   |
|--------------------|-------|---|---|-------|---|
| HCM Lane V/C Ratio | 0.308 | - | - | 0.012 | - |
|--------------------|-------|---|---|-------|---|

|                       |      |   |   |     |   |
|-----------------------|------|---|---|-----|---|
| HCM Control Delay (s) | 13.8 | - | - | 7.9 | 0 |
|-----------------------|------|---|---|-----|---|

|              |   |   |   |   |   |
|--------------|---|---|---|---|---|
| HCM Lane LOS | B | - | - | A | A |
|--------------|---|---|---|---|---|

|                       |     |   |   |   |   |
|-----------------------|-----|---|---|---|---|
| HCM 95th %tile Q(veh) | 1.3 | - | - | 0 | - |
|-----------------------|-----|---|---|---|---|



HCM 6th TWSC  
7: Forest Ave & Duane St

Glen Ellyn Parking Garage  
04/12/2019

## Intersection

Int Delay, s/veh 3.1

| Movement                 | EBL  | EBT                                                                               | EBR  | WBL  | WBT                                                                               | WBR  | NBL  | NBT   | NBR  | SBL                                                                                 | SBT                                                                                 | SBR  |
|--------------------------|------|-----------------------------------------------------------------------------------|------|------|-----------------------------------------------------------------------------------|------|------|-------|------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|------|
| Lane Configurations      |      |  |      |      |  |      |      |       |      |  |  |      |
| Traffic Vol, veh/h       | 0    | 184                                                                               | 61   | 18   | 124                                                                               | 0    | 0    | 0     | 0    | 38                                                                                  | 50                                                                                  | 52   |
| Future Vol, veh/h        | 0    | 184                                                                               | 61   | 18   | 124                                                                               | 0    | 0    | 0     | 0    | 38                                                                                  | 50                                                                                  | 52   |
| Conflicting Peds, #/hr   | 8    | 0                                                                                 | 0    | 0    | 0                                                                                 | 8    | 19   | 0     | 6    | 6                                                                                   | 0                                                                                   | 19   |
| Sign Control             | Free | Free                                                                              | Free | Free | Free                                                                              | Free | Free | Free  | Free | Stop                                                                                | Stop                                                                                | Stop |
| RT Channelized           | -    | -                                                                                 | None | -    | -                                                                                 | None | -    | -     | None | -                                                                                   | -                                                                                   | None |
| Storage Length           | -    | -                                                                                 | -    | -    | -                                                                                 | -    | -    | -     | -    | 0                                                                                   | -                                                                                   | -    |
| Veh in Median Storage, # | -    | 0                                                                                 | -    | -    | 0                                                                                 | -    | -    | 16974 | -    | -                                                                                   | 0                                                                                   | -    |
| Grade, %                 | -    | 0                                                                                 | -    | -    | 0                                                                                 | -    | -    | 0     | -    | -                                                                                   | 0                                                                                   | -    |
| Peak Hour Factor         | 76   | 76                                                                                | 76   | 76   | 76                                                                                | 76   | 76   | 76    | 76   | 76                                                                                  | 76                                                                                  | 76   |
| Heavy Vehicles, %        | 2    | 2                                                                                 | 2    | 2    | 2                                                                                 | 2    | 2    | 2     | 2    | 2                                                                                   | 2                                                                                   | 2    |
| Mvmt Flow                | 0    | 242                                                                               | 80   | 24   | 163                                                                               | 0    | 0    | 0     | 0    | 50                                                                                  | 66                                                                                  | 68   |

| Major/Minor          | Major1 |   |   | Major2 |   |   | Minor2 |       |       |
|----------------------|--------|---|---|--------|---|---|--------|-------|-------|
| Conflicting Flow All | -      | 0 | 0 | 322    | 0 | 0 | 499    | 533   | 182   |
| Stage 1              | -      | - | - | -      | - | - | 211    | 211   | -     |
| Stage 2              | -      | - | - | -      | - | - | 288    | 322   | -     |
| Critical Hdwy        | -      | - | - | 4.12   | - | - | 6.42   | 6.52  | 6.22  |
| Critical Hdwy Stg 1  | -      | - | - | -      | - | - | 5.42   | 5.52  | -     |
| Critical Hdwy Stg 2  | -      | - | - | -      | - | - | 5.42   | 5.52  | -     |
| Follow-up Hdwy       | -      | - | - | 2.218  | - | - | 3.518  | 4.018 | 3.318 |
| Pot Cap-1 Maneuver   | 0      | - | - | 1238   | - | 0 | 531    | 453   | 861   |
| Stage 1              | 0      | - | - | -      | - | 0 | 824    | 728   | -     |
| Stage 2              | 0      | - | - | -      | - | 0 | 761    | 651   | -     |
| Platoon blocked, %   | -      | - | - | -      | - | - | -      | -     | -     |
| Mov Cap-1 Maneuver   | -      | - | - | 1238   | - | - | 520    | 0     | 845   |
| Mov Cap-2 Maneuver   | -      | - | - | -      | - | - | 520    | 0     | -     |
| Stage 1              | -      | - | - | -      | - | - | 824    | 0     | -     |
| Stage 2              | -      | - | - | -      | - | - | 745    | 0     | -     |

| Approach             | EB | WB | SB   |
|----------------------|----|----|------|
| HCM Control Delay, s | 0  | 1  | 10.8 |
| HCM LOS              |    |    | B    |

| Minor Lane/Major Mvmt | EBT | EBR | WBL   | WBT | SBLn1 | SBLn2 |
|-----------------------|-----|-----|-------|-----|-------|-------|
| Capacity (veh/h)      | -   | -   | 1238  | -   | 520   | 845   |
| HCM Lane V/C Ratio    | -   | -   | 0.019 | -   | 0.096 | 0.159 |
| HCM Control Delay (s) | -   | -   | 8     | 0   | 12.7  | 10.1  |
| HCM Lane LOS          | -   | -   | A     | A   | B     | B     |
| HCM 95th %tile Q(veh) | -   | -   | 0.1   | -   | 0.3   | 0.6   |

HCM 6th TWSC  
12: Hillside Ave & Forest Ave

Glen Ellyn Parking Garage  
04/12/2019

## Intersection

Int Delay, s/veh 3.3

| Movement                 | EBL  | EBT  | EBR  | WBL  | WBT  | WBR  | NBL  | NBT   | NBR  | SBL  | SBT  | SBR  |
|--------------------------|------|------|------|------|------|------|------|-------|------|------|------|------|
| Lane Configurations      |      |      |      |      | ↕    |      |      |       |      |      | ↕    |      |
| Traffic Vol, veh/h       | 0    | 0    | 0    | 12   | 54   | 0    | 0    | 0     | 0    | 0    | 80   | 49   |
| Future Vol, veh/h        | 0    | 0    | 0    | 12   | 54   | 0    | 0    | 0     | 0    | 0    | 80   | 49   |
| Conflicting Peds, #/hr   | 0    | 0    | 0    | 1    | 0    | 0    | 0    | 0     | 0    | 0    | 0    | 6    |
| Sign Control             | Free | Free | Free | Stop | Stop | Stop | Free | Free  | Free | Free | Free | Free |
| RT Channelized           | -    | -    | None | -    | -    | None | -    | -     | None | -    | -    | None |
| Storage Length           | -    | -    | -    | -    | -    | -    | -    | -     | -    | -    | -    | -    |
| Veh in Median Storage, # | -    | 2    | -    | -    | 0    | -    | -    | 16974 | -    | -    | 0    | -    |
| Grade, %                 | -    | 0    | -    | -    | 0    | -    | -    | 0     | -    | -    | 0    | -    |
| Peak Hour Factor         | 75   | 75   | 75   | 75   | 75   | 75   | 75   | 75    | 75   | 75   | 75   | 75   |
| Heavy Vehicles, %        | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2     | 2    | 2    | 2    | 2    |
| Mvmt Flow                | 0    | 0    | 0    | 16   | 72   | 0    | 0    | 0     | 0    | 0    | 107  | 65   |

| Major/Minor          | Minor1 |       |   | Major2 |   |   |
|----------------------|--------|-------|---|--------|---|---|
| Conflicting Flow All | 141    | 178   | - | -      | - | 0 |
| Stage 1              | 0      | 0     | - | -      | - | - |
| Stage 2              | 141    | 178   | - | -      | - | - |
| Critical Hdwy        | 6.42   | 6.52  | - | -      | - | - |
| Critical Hdwy Stg 1  | -      | -     | - | -      | - | - |
| Critical Hdwy Stg 2  | 5.42   | 5.52  | - | -      | - | - |
| Follow-up Hdwy       | 3.518  | 4.018 | - | -      | - | - |
| Pot Cap-1 Maneuver   | 852    | 716   | 0 | 0      | - | - |
| Stage 1              | -      | -     | 0 | 0      | - | - |
| Stage 2              | 886    | 752   | 0 | 0      | - | - |
| Platoon blocked, %   |        |       |   |        | - | - |
| Mov Cap-1 Maneuver   | 852    | 0     | - | -      | - | - |
| Mov Cap-2 Maneuver   | 852    | 0     | - | -      | - | - |
| Stage 1              | -      | 0     | - | -      | - | - |
| Stage 2              | 886    | 0     | - | -      | - | - |

| Approach             | WB  | SB |
|----------------------|-----|----|
| HCM Control Delay, s | 9.7 | 0  |
| HCM LOS              | A   |    |

| Minor Lane/Major Mvmt | WBLn1 | SBT | SBR |
|-----------------------|-------|-----|-----|
| Capacity (veh/h)      | 852   | -   | -   |
| HCM Lane V/C Ratio    | 0.103 | -   | -   |
| HCM Control Delay (s) | 9.7   | -   | -   |
| HCM Lane LOS          | A     | -   | -   |
| HCM 95th %tile Q(veh) | 0.3   | -   | -   |

HCM 6th AWSC  
5: Main St & Hillside Ave

Glen Ellyn Parking Garage  
04/12/2019

Intersection

Intersection Delay, s/veh 12  
Intersection LOS B

| Movement            | EBL  | EBT                                                                               | EBR  | WBL  | WBT                                                                               | WBR  | NBL  | NBT                                                                                 | NBR  | SBL  | SBT                                                                                 | SBR  |
|---------------------|------|-----------------------------------------------------------------------------------|------|------|-----------------------------------------------------------------------------------|------|------|-------------------------------------------------------------------------------------|------|------|-------------------------------------------------------------------------------------|------|
| Lane Configurations |      |  |      |      |  |      |      |  |      |      |  |      |
| Traffic Vol, veh/h  | 14   | 0                                                                                 | 21   | 18   | 48                                                                                | 37   | 36   | 215                                                                                 | 0    | 0    | 385                                                                                 | 34   |
| Future Vol, veh/h   | 14   | 0                                                                                 | 21   | 18   | 48                                                                                | 37   | 36   | 215                                                                                 | 0    | 0    | 385                                                                                 | 34   |
| Peak Hour Factor    | 0.94 | 0.94                                                                              | 0.94 | 0.94 | 0.94                                                                              | 0.94 | 0.94 | 0.94                                                                                | 0.94 | 0.94 | 0.94                                                                                | 0.94 |
| Heavy Vehicles, %   | 2    | 2                                                                                 | 2    | 2    | 2                                                                                 | 2    | 2    | 2                                                                                   | 2    | 2    | 2                                                                                   | 2    |
| Mvmt Flow           | 15   | 0                                                                                 | 22   | 19   | 51                                                                                | 39   | 38   | 229                                                                                 | 0    | 0    | 410                                                                                 | 36   |
| Number of Lanes     | 0    | 1                                                                                 | 0    | 0    | 1                                                                                 | 0    | 0    | 1                                                                                   | 0    | 0    | 1                                                                                   | 0    |

| Approach                   | EB  | WB  | NB   | SB   |
|----------------------------|-----|-----|------|------|
| Opposing Approach          | WB  | EB  | SB   | NB   |
| Opposing Lanes             | 1   | 1   | 1    | 1    |
| Conflicting Approach Left  | SB  | NB  | EB   | WB   |
| Conflicting Lanes Left     | 1   | 1   | 1    | 1    |
| Conflicting Approach Right | NB  | SB  | WB   | EB   |
| Conflicting Lanes Right    | 1   | 1   | 1    | 1    |
| HCM Control Delay          | 8.9 | 9.6 | 10.7 | 13.6 |
| HCM LOS                    | A   | A   | B    | B    |

| Lane                   | NBLn1 | EBLn1 | WBLn1 | SBLn1 |
|------------------------|-------|-------|-------|-------|
| Vol Left, %            | 14%   | 40%   | 17%   | 0%    |
| Vol Thru, %            | 86%   | 0%    | 47%   | 92%   |
| Vol Right, %           | 0%    | 60%   | 36%   | 8%    |
| Sign Control           | Stop  | Stop  | Stop  | Stop  |
| Traffic Vol by Lane    | 251   | 35    | 103   | 419   |
| LT Vol                 | 36    | 14    | 18    | 0     |
| Through Vol            | 215   | 0     | 48    | 385   |
| RT Vol                 | 0     | 21    | 37    | 34    |
| Lane Flow Rate         | 267   | 37    | 110   | 446   |
| Geometry Grp           | 1     | 1     | 1     | 1     |
| Degree of Util (X)     | 0.36  | 0.058 | 0.165 | 0.568 |
| Departure Headway (Hd) | 4.853 | 5.564 | 5.415 | 4.59  |
| Convergence, Y/N       | Yes   | Yes   | Yes   | Yes   |
| Cap                    | 734   | 647   | 655   | 780   |
| Service Time           | 2.927 | 3.564 | 3.512 | 2.654 |
| HCM Lane V/C Ratio     | 0.364 | 0.057 | 0.168 | 0.572 |
| HCM Control Delay      | 10.7  | 8.9   | 9.6   | 13.6  |
| HCM Lane LOS           | B     | A     | A     | B     |
| HCM 95th-tile Q        | 1.6   | 0.2   | 0.6   | 3.6   |

## Lanes, Volumes, Timings

## Glen Ellyn Parking Garage

## 1: Main St &amp; Duane St

04/12/2019

|                         |  |  |  |  |  |  |  |  |  |  |  |  |
|-------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| Lane Group              | EBL                                                                               | EBT                                                                               | EBR                                                                               | WBL                                                                               | WBT                                                                               | WBR                                                                               | NBL                                                                                | NBT                                                                                 | NBR                                                                                 | SBL                                                                                 | SBT                                                                                 | SBR                                                                                 |
| Lane Configurations     |                                                                                   |  |                                                                                   |                                                                                   |  |                                                                                   |                                                                                    |  |                                                                                     |                                                                                     |  |  |
| Traffic Volume (vph)    | 21                                                                                | 97                                                                                | 56                                                                                | 67                                                                                | 118                                                                               | 81                                                                                | 32                                                                                 | 161                                                                                 | 55                                                                                  | 69                                                                                  | 251                                                                                 | 26                                                                                  |
| Future Volume (vph)     | 21                                                                                | 97                                                                                | 56                                                                                | 67                                                                                | 118                                                                               | 81                                                                                | 32                                                                                 | 161                                                                                 | 55                                                                                  | 69                                                                                  | 251                                                                                 | 26                                                                                  |
| Ideal Flow (vphpl)      | 1900                                                                              | 1900                                                                              | 1900                                                                              | 1900                                                                              | 1900                                                                              | 1900                                                                              | 1900                                                                               | 1900                                                                                | 1900                                                                                | 1900                                                                                | 1900                                                                                | 1900                                                                                |
| Storage Length (ft)     | 0                                                                                 |                                                                                   | 0                                                                                 | 0                                                                                 |                                                                                   | 60                                                                                | 0                                                                                  |                                                                                     | 60                                                                                  | 0                                                                                   |                                                                                     | 75                                                                                  |
| Storage Lanes           | 0                                                                                 |                                                                                   | 0                                                                                 | 0                                                                                 |                                                                                   | 0                                                                                 | 0                                                                                  |                                                                                     | 0                                                                                   | 0                                                                                   |                                                                                     | 1                                                                                   |
| Taper Length (ft)       | 25                                                                                |                                                                                   |                                                                                   | 25                                                                                |                                                                                   |                                                                                   | 25                                                                                 |                                                                                     |                                                                                     | 25                                                                                  |                                                                                     |                                                                                     |
| Lane Util. Factor       | 1.00                                                                              | 1.00                                                                              | 1.00                                                                              | 1.00                                                                              | 1.00                                                                              | 1.00                                                                              | 1.00                                                                               | 1.00                                                                                | 1.00                                                                                | 1.00                                                                                | 1.00                                                                                | 1.00                                                                                |
| Ped Bike Factor         |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                    |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |
| Frt                     |                                                                                   | 0.956                                                                             |                                                                                   |                                                                                   | 0.959                                                                             |                                                                                   |                                                                                    | 0.970                                                                               |                                                                                     |                                                                                     |                                                                                     | 0.850                                                                               |
| Flt Protected           |                                                                                   | 0.994                                                                             |                                                                                   |                                                                                   | 0.987                                                                             |                                                                                   |                                                                                    | 0.994                                                                               |                                                                                     |                                                                                     | 0.989                                                                               |                                                                                     |
| Satd. Flow (prot)       | 0                                                                                 | 1434                                                                              | 0                                                                                 | 0                                                                                 | 1428                                                                              | 0                                                                                 | 0                                                                                  | 1455                                                                                | 0                                                                                   | 0                                                                                   | 1658                                                                                | 1425                                                                                |
| Flt Permitted           |                                                                                   | 0.994                                                                             |                                                                                   |                                                                                   | 0.987                                                                             |                                                                                   |                                                                                    | 0.994                                                                               |                                                                                     |                                                                                     | 0.989                                                                               |                                                                                     |
| Satd. Flow (perm)       | 0                                                                                 | 1434                                                                              | 0                                                                                 | 0                                                                                 | 1428                                                                              | 0                                                                                 | 0                                                                                  | 1455                                                                                | 0                                                                                   | 0                                                                                   | 1658                                                                                | 1425                                                                                |
| Link Speed (mph)        |                                                                                   | 25                                                                                |                                                                                   |                                                                                   | 25                                                                                |                                                                                   |                                                                                    | 30                                                                                  |                                                                                     |                                                                                     | 30                                                                                  |                                                                                     |
| Link Distance (ft)      |                                                                                   | 265                                                                               |                                                                                   |                                                                                   | 330                                                                               |                                                                                   |                                                                                    | 520                                                                                 |                                                                                     |                                                                                     | 279                                                                                 |                                                                                     |
| Travel Time (s)         |                                                                                   | 7.2                                                                               |                                                                                   |                                                                                   | 9.0                                                                               |                                                                                   |                                                                                    | 11.8                                                                                |                                                                                     |                                                                                     | 6.3                                                                                 |                                                                                     |
| Confl. Peds. (#/hr)     | 1                                                                                 |                                                                                   | 46                                                                                | 46                                                                                |                                                                                   | 1                                                                                 | 35                                                                                 |                                                                                     | 80                                                                                  | 80                                                                                  |                                                                                     | 10                                                                                  |
| Peak Hour Factor        | 0.95                                                                              | 0.95                                                                              | 0.95                                                                              | 0.95                                                                              | 0.95                                                                              | 0.95                                                                              | 0.95                                                                               | 0.95                                                                                | 0.95                                                                                | 0.95                                                                                | 0.95                                                                                | 0.95                                                                                |
| Parking (#/hr)          |                                                                                   | 0                                                                                 |                                                                                   |                                                                                   | 0                                                                                 |                                                                                   |                                                                                    | 0                                                                                   |                                                                                     |                                                                                     |                                                                                     |                                                                                     |
| Adj. Flow (vph)         | 22                                                                                | 102                                                                               | 59                                                                                | 71                                                                                | 124                                                                               | 85                                                                                | 34                                                                                 | 169                                                                                 | 58                                                                                  | 73                                                                                  | 264                                                                                 | 27                                                                                  |
| Shared Lane Traffic (%) |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                    |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |
| Lane Group Flow (vph)   | 0                                                                                 | 183                                                                               | 0                                                                                 | 0                                                                                 | 280                                                                               | 0                                                                                 | 0                                                                                  | 261                                                                                 | 0                                                                                   | 0                                                                                   | 337                                                                                 | 27                                                                                  |
| Sign Control            |                                                                                   | Stop                                                                              |                                                                                   |                                                                                   | Stop                                                                              |                                                                                   |                                                                                    | Stop                                                                                |                                                                                     |                                                                                     | Free                                                                                |                                                                                     |

## Intersection Summary

Area Type: CBD

Control Type: Unsignalized

Intersection Capacity Utilization 75.1% ICU Level of Service D

Analysis Period (min) 15

HCM 2010 TWSC  
2: VH Lot & Duane St

Glen Ellyn Parking Garage  
04/12/2019

Intersection

Int Delay, s/veh 3.2

Movement EBT EBR WBL WBT NBL NBR

Lane Configurations      

Traffic Vol, veh/h 195 26 12 163 75 50

Future Vol, veh/h 195 26 12 163 75 50

Conflicting Peds, #/hr 0 10 10 0 0 0

Sign Control Free Free Free Free Stop Stop

RT Channelized - None - None - None

Storage Length - - - - 0 -

Veh in Median Storage, # 0 - - 0 0 -

Grade, % 0 - - 0 0 -

Peak Hour Factor 84 84 84 84 84 84

Heavy Vehicles, % 2 2 2 2 2 2

Mvmt Flow 232 31 14 194 89 60

Major/Minor Major1 Major2 Minor1

Conflicting Flow All 0 0 273 0 480 258

Stage 1 - - - - 258 -

Stage 2 - - - - 222 -

Critical Hdwy - - 4.12 - 6.42 6.22

Critical Hdwy Stg 1 - - - - 5.42 -

Critical Hdwy Stg 2 - - - - 5.42 -

Follow-up Hdwy - - 2.218 - 3.518 3.318

Pot Cap-1 Maneuver - - 1290 - 545 781

Stage 1 - - - - 785 -

Stage 2 - - - - 815 -

Platoon blocked, % - - - -

Mov Cap-1 Maneuver - - 1278 - 533 774

Mov Cap-2 Maneuver - - - - 533 -

Stage 1 - - - - 777 -

Stage 2 - - - - 805 -

Approach EB WB NB

HCM Control Delay, s 0 0.5 12.8

HCM LOS B

Minor Lane/Major Mvmt NBLn1 EBT EBR WBL WBT

Capacity (veh/h) 609 - - 1278 -

HCM Lane V/C Ratio 0.244 - - 0.011 -

HCM Control Delay (s) 12.8 - - 7.8 0

HCM Lane LOS B - - A A

HCM 95th %tile Q(veh) 1 - - 0 -

HCM 2010 TWSC  
7: Forest Ave & Duane St

Glen Ellyn Parking Garage  
04/12/2019

## Intersection

Int Delay, s/veh 3.2

| Movement                 | EBL  | EBT  | EBR  | WBL  | WBT  | WBR  | NBL  | NBT  | NBR  | SBL  | SBT  | SBR  |
|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|
| Lane Configurations      |      | ↱    |      |      | ↱    |      |      |      |      | ↱    | ↱    |      |
| Traffic Vol, veh/h       | 0    | 184  | 61   | 19   | 123  | 0    | 0    | 0    | 0    | 38   | 50   | 52   |
| Future Vol, veh/h        | 0    | 184  | 61   | 19   | 123  | 0    | 0    | 0    | 0    | 38   | 50   | 52   |
| Conflicting Peds, #/hr   | 8    | 0    | 0    | 0    | 0    | 8    | 19   | 0    | 6    | 6    | 0    | 19   |
| Sign Control             | Free | Free | Free | Free | Free | Free | Free | Free | Free | Stop | Stop | Stop |
| RT Channelized           | -    | -    | None | -    | -    | None | -    | -    | None | -    | -    | None |
| Storage Length           | -    | -    | -    | -    | -    | -    | -    | -    | -    | 0    | -    | -    |
| Veh in Median Storage, # | -    | 0    | -    | -    | 0    | -    | -    | -    | -    | -    | 0    | -    |
| Grade, %                 | -    | 0    | -    | -    | 0    | -    | -    | 0    | -    | -    | 0    | -    |
| Peak Hour Factor         | 76   | 76   | 76   | 76   | 76   | 76   | 76   | 76   | 76   | 76   | 76   | 76   |
| Heavy Vehicles, %        | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    |
| Mvmt Flow                | 0    | 242  | 80   | 25   | 162  | 0    | 0    | 0    | 0    | 50   | 66   | 68   |

| Major/Minor          | Major1 |   |   | Major2 |   |   | Minor2 |       |       |
|----------------------|--------|---|---|--------|---|---|--------|-------|-------|
| Conflicting Flow All | -      | 0 | 0 | 322    | 0 | 0 | 500    | 534   | 181   |
| Stage 1              | -      | - | - | -      | - | - | 212    | 212   | -     |
| Stage 2              | -      | - | - | -      | - | - | 288    | 322   | -     |
| Critical Hdwy        | -      | - | - | 4.12   | - | - | 6.42   | 6.52  | 6.22  |
| Critical Hdwy Stg 1  | -      | - | - | -      | - | - | 5.42   | 5.52  | -     |
| Critical Hdwy Stg 2  | -      | - | - | -      | - | - | 5.42   | 5.52  | -     |
| Follow-up Hdwy       | -      | - | - | 2.218  | - | - | 3.518  | 4.018 | 3.318 |
| Pot Cap-1 Maneuver   | 0      | - | - | 1238   | - | 0 | 530    | 452   | 862   |
| Stage 1              | 0      | - | - | -      | - | 0 | 823    | 727   | -     |
| Stage 2              | 0      | - | - | -      | - | 0 | 761    | 651   | -     |
| Platoon blocked, %   | -      | - | - | -      | - | - | -      | -     | -     |
| Mov Cap-1 Maneuver   | -      | - | - | 1238   | - | - | 518    | 0     | 846   |
| Mov Cap-2 Maneuver   | -      | - | - | -      | - | - | 518    | 0     | -     |
| Stage 1              | -      | - | - | -      | - | - | 823    | 0     | -     |
| Stage 2              | -      | - | - | -      | - | - | 744    | 0     | -     |

| Approach             | EB | WB  | SB   |
|----------------------|----|-----|------|
| HCM Control Delay, s | 0  | 1.1 | 10.8 |
| HCM LOS              |    |     | B    |

| Minor Lane/Major Mvmt | EBT | EBR | WBL  | WBT | SBLn1 | SBLn2 |
|-----------------------|-----|-----|------|-----|-------|-------|
| Capacity (veh/h)      | -   | -   | 1238 | -   | 518   | 846   |
| HCM Lane V/C Ratio    | -   | -   | 0.02 | -   | 0.097 | 0.159 |
| HCM Control Delay (s) | -   | -   | 8    | 0   | 12.7  | 10.1  |
| HCM Lane LOS          | -   | -   | A    | A   | B     | B     |
| HCM 95th %tile Q(veh) | -   | -   | 0.1  | -   | 0.3   | 0.6   |

HCM 2010 TWSC  
10: Forest Ave & FUM Lot

Glen Ellyn Parking Garage  
04/12/2019

| Intersection             |        |                                                                                   |        |      |                                                                                   |      |
|--------------------------|--------|-----------------------------------------------------------------------------------|--------|------|-----------------------------------------------------------------------------------|------|
| Int Delay, s/veh         | 1.6    |                                                                                   |        |      |                                                                                   |      |
| Movement                 | EBL    | EBR                                                                               | NBL    | NBT  | SBT                                                                               | SBR  |
| Lane Configurations      |        |  |        |      |  |      |
| Traffic Vol, veh/h       | 0      | 28                                                                                | 0      | 0    | 129                                                                               | 1    |
| Future Vol, veh/h        | 0      | 28                                                                                | 0      | 0    | 129                                                                               | 1    |
| Conflicting Peds, #/hr   | 0      | 0                                                                                 | 0      | 0    | 0                                                                                 | 0    |
| Sign Control             | Stop   | Stop                                                                              | Free   | Free | Free                                                                              | Free |
| RT Channelized           | -      | None                                                                              | -      | None | -                                                                                 | None |
| Storage Length           | -      | 0                                                                                 | -      | -    | -                                                                                 | -    |
| Veh in Median Storage, # | 0      | -                                                                                 | -      | -    | 0                                                                                 | -    |
| Grade, %                 | 0      | -                                                                                 | -      | 0    | 0                                                                                 | -    |
| Peak Hour Factor         | 92     | 92                                                                                | 92     | 92   | 92                                                                                | 92   |
| Heavy Vehicles, %        | 2      | 2                                                                                 | 2      | 2    | 2                                                                                 | 2    |
| Mvmt Flow                | 0      | 30                                                                                | 0      | 0    | 140                                                                               | 1    |
| Major/Minor              | Minor2 |                                                                                   | Major2 |      |                                                                                   |      |
| Conflicting Flow All     | -      | 141                                                                               | -      | -    | -                                                                                 | 0    |
| Stage 1                  | -      | -                                                                                 | -      | -    | -                                                                                 | -    |
| Stage 2                  | -      | -                                                                                 | -      | -    | -                                                                                 | -    |
| Critical Hdwy            | -      | 6.22                                                                              | -      | -    | -                                                                                 | -    |
| Critical Hdwy Stg 1      | -      | -                                                                                 | -      | -    | -                                                                                 | -    |
| Critical Hdwy Stg 2      | -      | -                                                                                 | -      | -    | -                                                                                 | -    |
| Follow-up Hdwy           | -      | 3.318                                                                             | -      | -    | -                                                                                 | -    |
| Pot Cap-1 Maneuver       | 0      | 907                                                                               | -      | -    | -                                                                                 | -    |
| Stage 1                  | 0      | -                                                                                 | -      | -    | -                                                                                 | -    |
| Stage 2                  | 0      | -                                                                                 | -      | -    | -                                                                                 | -    |
| Platoon blocked, %       | -      | -                                                                                 | -      | -    | -                                                                                 | -    |
| Mov Cap-1 Maneuver       | -      | 907                                                                               | -      | -    | -                                                                                 | -    |
| Mov Cap-2 Maneuver       | -      | -                                                                                 | -      | -    | -                                                                                 | -    |
| Stage 1                  | -      | -                                                                                 | -      | -    | -                                                                                 | -    |
| Stage 2                  | -      | -                                                                                 | -      | -    | -                                                                                 | -    |
| Approach                 | EB     |                                                                                   | SB     |      |                                                                                   |      |
| HCM Control Delay, s     | 9.1    |                                                                                   | 0      |      |                                                                                   |      |
| HCM LOS                  | A      |                                                                                   |        |      |                                                                                   |      |
| Minor Lane/Major Mvmt    | EBLn1  | SBT                                                                               | SBR    |      |                                                                                   |      |
| Capacity (veh/h)         | 907    | -                                                                                 | -      |      |                                                                                   |      |
| HCM Lane V/C Ratio       | 0.034  | -                                                                                 | -      |      |                                                                                   |      |
| HCM Control Delay (s)    | 9.1    | -                                                                                 | -      |      |                                                                                   |      |
| HCM Lane LOS             | A      | -                                                                                 | -      |      |                                                                                   |      |
| HCM 95th %tile Q(veh)    | 0.1    | -                                                                                 | -      |      |                                                                                   |      |

HCM 2010 TWSC  
12: Hillside Ave & Forest Ave

Glen Ellyn Parking Garage  
04/12/2019

## Intersection

Int Delay, s/veh 2.9

| Movement                 | EBL  | EBT  | EBR  | WBL  | WBT  | WBR  | NBL  | NBT  | NBR  | SBL  | SBT  | SBR  |
|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|
| Lane Configurations      |      |      |      |      | ↔    |      |      |      |      |      | ↔    |      |
| Traffic Vol, veh/h       | 0    | 0    | 0    | 12   | 54   | 0    | 0    | 0    | 0    | 0    | 80   | 77   |
| Future Vol, veh/h        | 0    | 0    | 0    | 12   | 54   | 0    | 0    | 0    | 0    | 0    | 80   | 77   |
| Conflicting Peds, #/hr   | 0    | 0    | 0    | 1    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 6    |
| Sign Control             | Free | Free | Free | Stop | Stop | Stop | Free | Free | Free | Free | Free | Free |
| RT Channelized           | -    | -    | None | -    | -    | None | -    | -    | None | -    | -    | None |
| Storage Length           | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    |
| Veh in Median Storage, # | -    | -    | -    | -    | 0    | -    | -    | -    | -    | -    | 0    | -    |
| Grade, %                 | -    | 0    | -    | -    | 0    | -    | -    | 0    | -    | -    | 0    | -    |
| Peak Hour Factor         | 75   | 75   | 75   | 75   | 75   | 75   | 75   | 75   | 75   | 75   | 75   | 75   |
| Heavy Vehicles, %        | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    |
| Mvmt Flow                | 0    | 0    | 0    | 16   | 72   | 0    | 0    | 0    | 0    | 0    | 107  | 103  |

| Major/Minor          | Minor1      | Major2 |
|----------------------|-------------|--------|
| Conflicting Flow All | 160 216     | - - 0  |
| Stage 1              | 0 0         | - - -  |
| Stage 2              | 160 216     | - - -  |
| Critical Hdwy        | 6.42 6.52   | - - -  |
| Critical Hdwy Stg 1  | - -         | - - -  |
| Critical Hdwy Stg 2  | 5.42 5.52   | - - -  |
| Follow-up Hdwy       | 3.518 4.018 | - - -  |
| Pot Cap-1 Maneuver   | 831 682     | 0 - -  |
| Stage 1              | - - 0       | 0 - -  |
| Stage 2              | 869 724     | 0 - -  |
| Platoon blocked, %   |             | - -    |
| Mov Cap-1 Maneuver   | 831 0       | - - -  |
| Mov Cap-2 Maneuver   | 831 0       | - - -  |
| Stage 1              | - 0         | - - -  |
| Stage 2              | 869 0       | - - -  |

| Approach             | WB  | SB |
|----------------------|-----|----|
| HCM Control Delay, s | 9.8 | 0  |
| HCM LOS              | A   |    |

| Minor Lane/Major Mvmt | WBLn1 | SBT | SBR |
|-----------------------|-------|-----|-----|
| Capacity (veh/h)      | 831   | -   | -   |
| HCM Lane V/C Ratio    | 0.106 | -   | -   |
| HCM Control Delay (s) | 9.8   | -   | -   |
| HCM Lane LOS          | A     | -   | -   |
| HCM 95th %tile Q(veh) | 0.4   | -   | -   |



HCM 2010 AWSC  
5: Main St & Hillside Ave

Glen Ellyn Parking Garage  
04/12/2019

Intersection

Intersection Delay, s/veh 12.3  
Intersection LOS B

| Movement            | EBL  | EBT                                                                               | EBR  | WBL  | WBT                                                                               | WBR  | NBL  | NBT                                                                                 | NBR  | SBL  | SBT                                                                                 | SBR  |
|---------------------|------|-----------------------------------------------------------------------------------|------|------|-----------------------------------------------------------------------------------|------|------|-------------------------------------------------------------------------------------|------|------|-------------------------------------------------------------------------------------|------|
| Lane Configurations |      |  |      |      |  |      |      |  |      |      |  |      |
| Traffic Vol, veh/h  | 14   | 0                                                                                 | 21   | 39   | 55                                                                                | 37   | 36   | 215                                                                                 | 0    | 0    | 385                                                                                 | 34   |
| Future Vol, veh/h   | 14   | 0                                                                                 | 21   | 39   | 55                                                                                | 37   | 36   | 215                                                                                 | 0    | 0    | 385                                                                                 | 34   |
| Peak Hour Factor    | 0.94 | 0.94                                                                              | 0.94 | 0.94 | 0.94                                                                              | 0.94 | 0.94 | 0.94                                                                                | 0.94 | 0.94 | 0.94                                                                                | 0.94 |
| Heavy Vehicles, %   | 2    | 2                                                                                 | 2    | 2    | 2                                                                                 | 2    | 2    | 2                                                                                   | 2    | 2    | 2                                                                                   | 2    |
| Mvmt Flow           | 15   | 0                                                                                 | 22   | 41   | 59                                                                                | 39   | 38   | 229                                                                                 | 0    | 0    | 410                                                                                 | 36   |
| Number of Lanes     | 0    | 1                                                                                 | 0    | 0    | 1                                                                                 | 0    | 0    | 1                                                                                   | 0    | 0    | 1                                                                                   | 0    |

| Approach                   | EB | WB   | NB | SB   |
|----------------------------|----|------|----|------|
| Opposing Approach          | WB | EB   | SB | NB   |
| Opposing Lanes             | 1  | 1    | 1  | 1    |
| Conflicting Approach Left  | SB | NB   | EB | WB   |
| Conflicting Lanes Left     | 1  | 1    | 1  | 1    |
| Conflicting Approach Right | NB | SB   | WB | EB   |
| Conflicting Lanes Right    | 1  | 1    | 1  | 1    |
| HCM Control Delay          | 9  | 10.2 | 11 | 14.1 |
| HCM LOS                    | A  | B    | B  | B    |

| Lane                   | NBLn1 | EBLn1 | WBLn1 | SBLn1 |
|------------------------|-------|-------|-------|-------|
| Vol Left, %            | 14%   | 40%   | 30%   | 0%    |
| Vol Thru, %            | 86%   | 0%    | 42%   | 92%   |
| Vol Right, %           | 0%    | 60%   | 28%   | 8%    |
| Sign Control           | Stop  | Stop  | Stop  | Stop  |
| Traffic Vol by Lane    | 251   | 35    | 131   | 419   |
| LT Vol                 | 36    | 14    | 39    | 0     |
| Through Vol            | 215   | 0     | 55    | 385   |
| RT Vol                 | 0     | 21    | 37    | 34    |
| Lane Flow Rate         | 267   | 37    | 139   | 446   |
| Geometry Grp           | 1     | 1     | 1     | 1     |
| Degree of Util (X)     | 0.368 | 0.059 | 0.217 | 0.58  |
| Departure Headway (Hd) | 4.956 | 5.669 | 5.616 | 4.686 |
| Convergence, Y/N       | Yes   | Yes   | Yes   | Yes   |
| Cap                    | 716   | 635   | 642   | 762   |
| Service Time           | 3.055 | 3.675 | 3.619 | 2.773 |
| HCM Lane V/C Ratio     | 0.373 | 0.058 | 0.217 | 0.585 |
| HCM Control Delay      | 11    | 9     | 10.2  | 14.1  |
| HCM Lane LOS           | B     | A     | B     | B     |
| HCM 95th-tile Q        | 1.7   | 0.2   | 0.8   | 3.8   |

Lanes, Volumes, Timings  
1: Main St & Duane St

Glen Ellyn Parking Garage  
04/12/2019

|                         |  |  |  |  |  |  |  |  |  |  |  |  |
|-------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| Lane Group              | EBL                                                                               | EBT                                                                               | EBR                                                                               | WBL                                                                               | WBT                                                                               | WBR                                                                               | NBL                                                                                | NBT                                                                                 | NBR                                                                                 | SBL                                                                                 | SBT                                                                                 | SBR                                                                                 |
| Lane Configurations     |                                                                                   |  |                                                                                   |                                                                                   |  |                                                                                   |                                                                                    |  |                                                                                     |                                                                                     |  |  |
| Traffic Volume (vph)    | 21                                                                                | 97                                                                                | 56                                                                                | 46                                                                                | 111                                                                               | 81                                                                                | 32                                                                                 | 161                                                                                 | 55                                                                                  | 69                                                                                  | 251                                                                                 | 26                                                                                  |
| Future Volume (vph)     | 21                                                                                | 97                                                                                | 56                                                                                | 46                                                                                | 111                                                                               | 81                                                                                | 32                                                                                 | 161                                                                                 | 55                                                                                  | 69                                                                                  | 251                                                                                 | 26                                                                                  |
| Ideal Flow (vphpl)      | 1900                                                                              | 1900                                                                              | 1900                                                                              | 1900                                                                              | 1900                                                                              | 1900                                                                              | 1900                                                                               | 1900                                                                                | 1900                                                                                | 1900                                                                                | 1900                                                                                | 1900                                                                                |
| Storage Length (ft)     | 0                                                                                 |                                                                                   | 0                                                                                 | 0                                                                                 |                                                                                   | 60                                                                                | 0                                                                                  |                                                                                     | 60                                                                                  | 0                                                                                   |                                                                                     | 75                                                                                  |
| Storage Lanes           | 0                                                                                 |                                                                                   | 0                                                                                 | 0                                                                                 |                                                                                   | 0                                                                                 | 0                                                                                  |                                                                                     | 0                                                                                   | 0                                                                                   |                                                                                     | 1                                                                                   |
| Taper Length (ft)       | 25                                                                                |                                                                                   |                                                                                   | 25                                                                                |                                                                                   |                                                                                   | 25                                                                                 |                                                                                     |                                                                                     | 25                                                                                  |                                                                                     |                                                                                     |
| Lane Util. Factor       | 1.00                                                                              | 1.00                                                                              | 1.00                                                                              | 1.00                                                                              | 1.00                                                                              | 1.00                                                                              | 1.00                                                                               | 1.00                                                                                | 1.00                                                                                | 1.00                                                                                | 1.00                                                                                | 1.00                                                                                |
| Ped Bike Factor         |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                    |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |
| Frt                     |                                                                                   | 0.956                                                                             |                                                                                   |                                                                                   | 0.954                                                                             |                                                                                   |                                                                                    | 0.970                                                                               |                                                                                     |                                                                                     |                                                                                     | 0.850                                                                               |
| Flt Protected           |                                                                                   | 0.994                                                                             |                                                                                   |                                                                                   | 0.990                                                                             |                                                                                   |                                                                                    | 0.994                                                                               |                                                                                     |                                                                                     | 0.989                                                                               |                                                                                     |
| Satd. Flow (prot)       | 0                                                                                 | 1434                                                                              | 0                                                                                 | 0                                                                                 | 1425                                                                              | 0                                                                                 | 0                                                                                  | 1455                                                                                | 0                                                                                   | 0                                                                                   | 1658                                                                                | 1425                                                                                |
| Flt Permitted           |                                                                                   | 0.994                                                                             |                                                                                   |                                                                                   | 0.990                                                                             |                                                                                   |                                                                                    | 0.994                                                                               |                                                                                     |                                                                                     | 0.989                                                                               |                                                                                     |
| Satd. Flow (perm)       | 0                                                                                 | 1434                                                                              | 0                                                                                 | 0                                                                                 | 1425                                                                              | 0                                                                                 | 0                                                                                  | 1455                                                                                | 0                                                                                   | 0                                                                                   | 1658                                                                                | 1425                                                                                |
| Link Speed (mph)        |                                                                                   | 25                                                                                |                                                                                   |                                                                                   | 25                                                                                |                                                                                   |                                                                                    | 30                                                                                  |                                                                                     |                                                                                     | 30                                                                                  |                                                                                     |
| Link Distance (ft)      |                                                                                   | 265                                                                               |                                                                                   |                                                                                   | 330                                                                               |                                                                                   |                                                                                    | 520                                                                                 |                                                                                     |                                                                                     | 279                                                                                 |                                                                                     |
| Travel Time (s)         |                                                                                   | 7.2                                                                               |                                                                                   |                                                                                   | 9.0                                                                               |                                                                                   |                                                                                    | 11.8                                                                                |                                                                                     |                                                                                     | 6.3                                                                                 |                                                                                     |
| Confl. Peds. (#/hr)     | 1                                                                                 |                                                                                   | 46                                                                                | 46                                                                                |                                                                                   | 1                                                                                 | 35                                                                                 |                                                                                     | 80                                                                                  | 80                                                                                  |                                                                                     | 10                                                                                  |
| Peak Hour Factor        | 0.95                                                                              | 0.95                                                                              | 0.95                                                                              | 0.95                                                                              | 0.95                                                                              | 0.95                                                                              | 0.95                                                                               | 0.95                                                                                | 0.95                                                                                | 0.95                                                                                | 0.95                                                                                | 0.95                                                                                |
| Parking (#/hr)          |                                                                                   | 0                                                                                 |                                                                                   |                                                                                   | 0                                                                                 |                                                                                   |                                                                                    | 0                                                                                   |                                                                                     |                                                                                     |                                                                                     |                                                                                     |
| Adj. Flow (vph)         | 22                                                                                | 102                                                                               | 59                                                                                | 48                                                                                | 117                                                                               | 85                                                                                | 34                                                                                 | 169                                                                                 | 58                                                                                  | 73                                                                                  | 264                                                                                 | 27                                                                                  |
| Shared Lane Traffic (%) |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                    |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |
| Lane Group Flow (vph)   | 0                                                                                 | 183                                                                               | 0                                                                                 | 0                                                                                 | 250                                                                               | 0                                                                                 | 0                                                                                  | 261                                                                                 | 0                                                                                   | 0                                                                                   | 337                                                                                 | 27                                                                                  |
| Sign Control            |                                                                                   | Stop                                                                              |                                                                                   |                                                                                   | Stop                                                                              |                                                                                   |                                                                                    | Stop                                                                                |                                                                                     |                                                                                     | Free                                                                                |                                                                                     |

#### Intersection Summary

Area Type: CBD

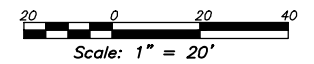
Control Type: Unsignalized

Intersection Capacity Utilization 68.7% ICU Level of Service C

Analysis Period (min) 15

## ALTA/NSPS LAND TITLE SURVEY

## Legal Description

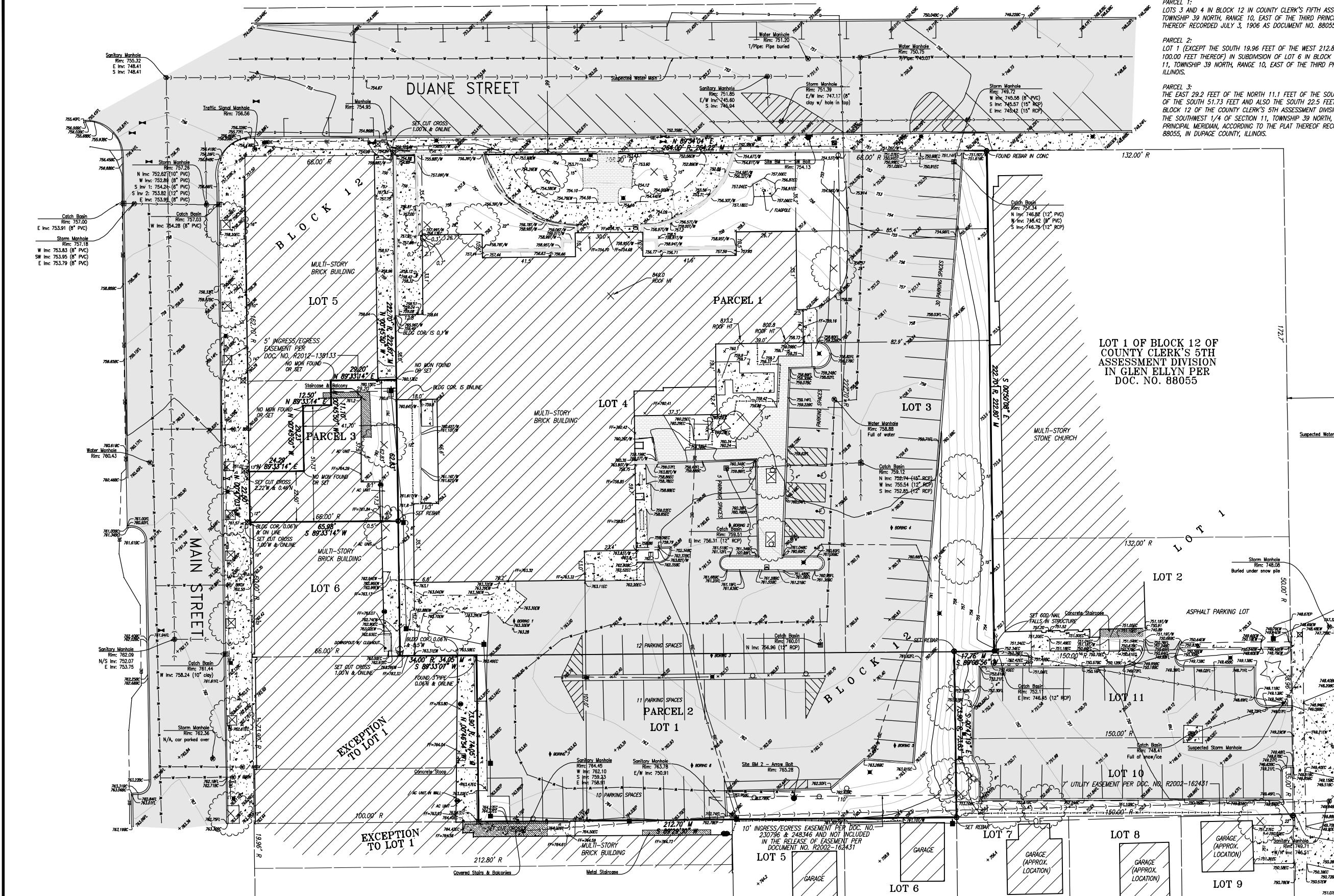


PARCEL 1:  
LOTS 3 AND 4 IN BLOCK 12 IN COUNTY CLERK'S FIFTH ASSESSMENT DIVISION, IN SECTION 11, TOWNSHIP 39 NORTH, RANGE 10, EAST OF THE THIRD PRINCIPAL MERIDIAN, ACCORDING TO THE PLAT THEREOF RECORDED JULY 3, 1906 AS DOCUMENT NO. 88055, IN DUPAGE COUNTY, ILLINOIS;

PARCEL 2:  
LOT 1 (EXCEPT THE SOUTH 19.96 FEET OF THE WEST 212.80 FEET THEREOF AND EXCEPT THE WEST 100.00 FEET THEREOF) IN SUBDIVISION OF LOT 6 IN BLOCK 12 IN ASSESSMENT DIVISION OF SECTION 11, TOWNSHIP 39 NORTH, RANGE 10, EAST OF THE THIRD PRINCIPAL MERIDIAN, IN DUPAGE COUNTY, ILLINOIS.

PARCEL 3:  
THE EAST 29.2 FEET OF THE NORTH 11.1 FEET OF THE SOUTH 62.83 FEET AND THE EAST 41.7 FEET OF THE SOUTH 51.73 FEET AND ALSO THE SOUTH 22.5 FEET OF THE WEST 24.3 FEET OF LOT 5 IN BLOCK 12 OF THE COUNTY CLERK'S 5TH ASSESSMENT DIVISION, IN THE VILLAGE OF GLEN ELLYN, IN THE SOUTHWEST 1/4 OF SECTION 11, TOWNSHIP 39 NORTH, RANGE 10, EAST OF THE THIRD PRINCIPAL MERIDIAN, ACCORDING TO THE PLAT THEREOF RECORDED JULY 13, 1906 AS DOCUMENT NO. 88055, IN DUPAGE COUNTY, ILLINOIS.

LOT 1 OF BLOCK 12 OF  
COUNTY CLERK'S 5TH  
ASSESSMENT DIVISION  
IN GLEN ELLYN PER  
DOC. NO. 88055



## BENCHMARKS:

BENCHMARK - DK3188 SURVEY DISK LOCATED AT THE SOUTHWEST CORNER OF MAIN STREET AND CRESCENT BLVD.  
ELEVATION = 745.28 NAVD 88

SITE BM1 - SOUTHWEST BOLT ON FIRE HYDRANT AS SHOWN HEREON  
ELEVATION = 754.13 NAVD 88

SITE BM2 - ARROW BOLT ON FIRE HYDRANT AS SHOWN HEREON  
ELEVATION = 765.28 NAVD 88

GLEN ELLYN

M.A. MORTENSON COMPANY  
GLEN ELLYN PARKING GARAGE

535 DUANE ST  
ALTA/NSPS LAND TITLE SURVEY

ILLINOIS

| DRAWN: CSH            | CHK'D: ECC | NO. | REVISION | BY | DATE |
|-----------------------|------------|-----|----------|----|------|
| DESIGNED: APPR'D: ECC |            |     |          |    |      |
| DATE: 07/02/19        |            |     |          |    |      |
| SCALE: 1" = 20'       |            |     |          |    |      |
| PROJECT NUMBER        |            |     |          |    |      |
| 1950-7005             |            |     |          |    |      |

SHEET 1

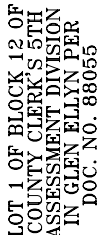
OF 2

DRAWING NUMBER

7005ALTA

Packet Pg. 480





PARCELS 1, 2 AND 3: LOT 5 IN BLOCK 12 OF THE SOUTH 51.73 FEET AND ALSO THE SOUTH 51.73 FEET OF LOT 5 IN BLOCK 12 OF THE COUNTY CLERK'S 5TH ASSESSMENT DIVISION, IN THE VILLAGE OF GLEN ELYN, IN THE SOUTHWEST 1/4 OF SECTION 11, TOWNSHIP 39 NORTH, RANGE 10, EAST OF THE THIRD PRINCIPAL MERIDIAN, ACCORDING TO DOCUMENT NO. 880655, IN DUPAGE COUNTY, ILLINOIS.

[illegible]

1. Parcels 1 and 1-2 were prepared with the benefit of Property Insight's Easement Search, Order No. 666770411-JMM dated March 27, 2019. Parcel 3 did not have a title search done, therefore all easements affecting Parcel may not be shown hereon.
2. This Survey was filed on January 25, 2019. Topography Survey of an area requested by the Client.
3. The vertical datum is the Illinois State Plane Coordinate System East Zone 14M 83 and the vertical datum is NAD 83.
4. For building restrictions as established by local ordinances not shown hereon, consult your local municipal authorities.
5. Do not scale dimensions from this map.
6. Call JULLICE at 1-800-892-0123 for field condition of all underground utilities prior to any digging or construction.
7. Utilities and Improvements shown hereon based on visible field verified structures and utility markings by others.
8. There are all utilities in addition to those shown hereon. Do not construct or dig to surprise at this map.
9. The Survey is for informational purposes only. It is not intended to be used as a survey for title.
10. The Survey is for informational purposes only. It is not intended to be used as a survey for title. It is graphically depicted on FEMA Flood Insurance Rate Map Number 17043C05034H, Effective Date December 16, 2004.
11. The Surveyed Parcels are also known as P.L.M. 05-11-329-024 and 05-11-329-003.
12. Parcel 1 is subject to the Terms and Conditions contained in the Communications Site Lease Agreement made per Document No. R2012-198153 dated December 20, 2012, and Memorandum of Agreement dated February 1, 2013.
13. Parcel 2 and Parcel 3 are subject to the Terms and Conditions contained in the Memorandum of License Agreement made between Village of Glen Ellyn and Chicago SMSA Limited Partnership dated May 11, 2012 as Document No. R2012-128459.
14. Parcel 1 is subject to the Terms and Conditions contained in the Easement Agreement between Shawkeller and Trust #3376, Recorded October 3, 2012 as Document No. R2012-138133.
15. Parcels 1 & 2 Local Address is 535 Duane Street and Parcel 3 is 423 N. Main Street, Glen Ellyn, IL 60137
16. Utilities shown on Main Street were marked under JULLICE Dig Ticket A1728274.
17. Parcel 1 and Parcel 2 are subject to the Terms and Conditions contained in the Memorandum of License Agreement made between Village of Glen Ellyn and Chicago SMSA Limited Partnership dated May 11, 2012 as Document No. R2012-128459.
18. Parcel 1 and 2 contain 1.713 acres more or less, Parcel 3 contains 0.070 acres more or less.
19. The surveyed parcels contain 72 regular parking spaces and 3 handicap spaces.

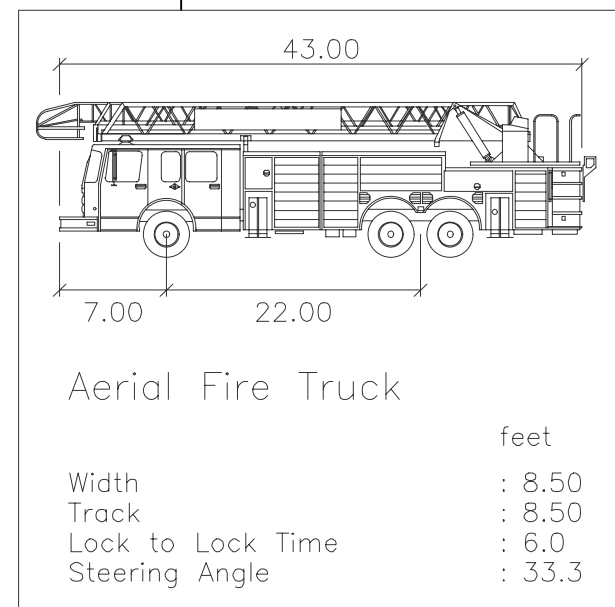
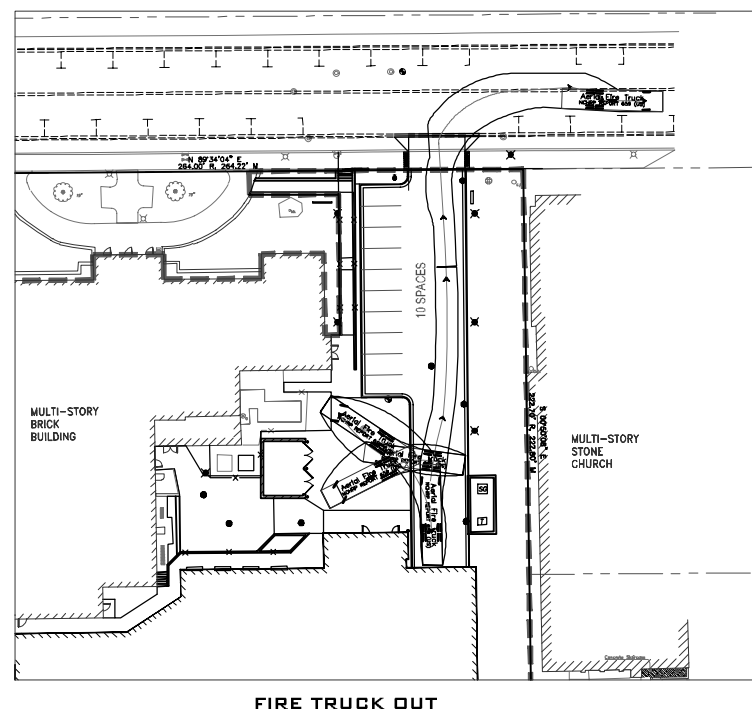
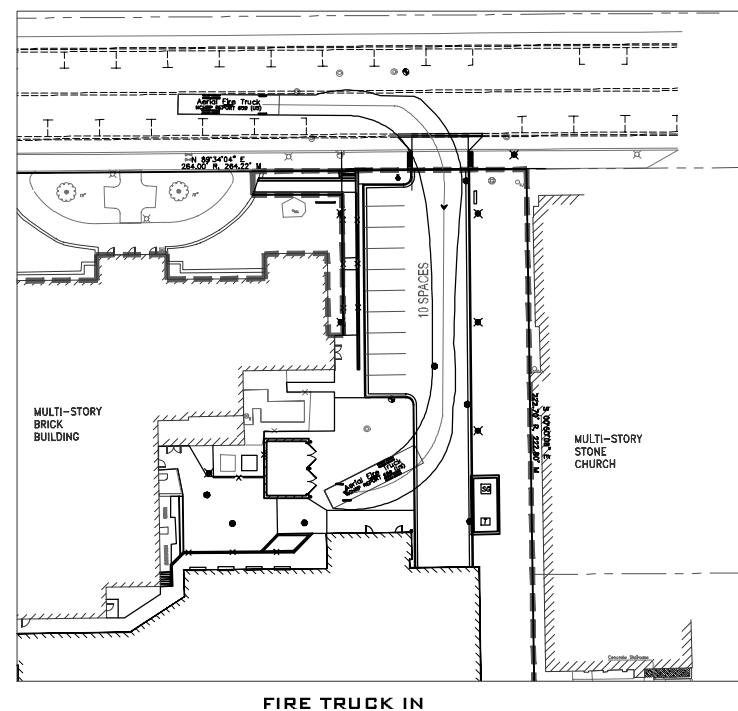
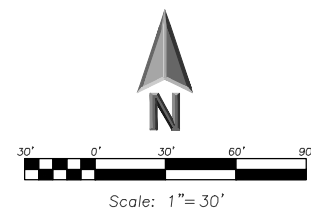
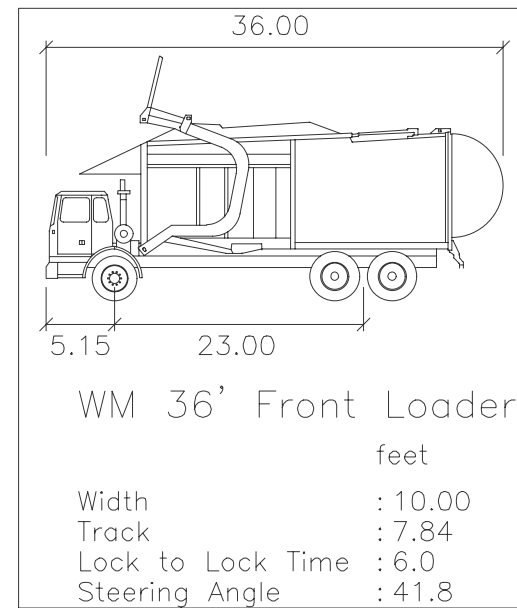
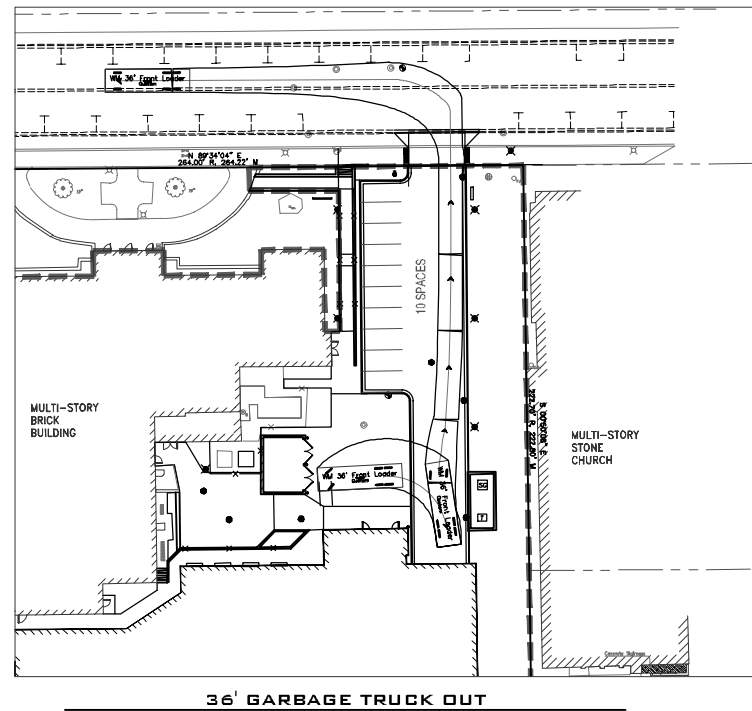
State of Illinois )ss  
County of Will

*This is to certify that this map or plot and the survey on which it is based were made in accordance with the 2016 Minimum Standard Detail Requirements for ALTA/NSPS Land Title Surveys, jointly established and adopted by ALTA and NSPS, and includes items 1, 2, 4, 7(c), and 19 of Table 'A' thereof.*

The Field work completed on June 25th, 2019.  
Dated this 2nd day of July, 2019.

Eric C. Cox, Illinois Professional Land Surveyor No. 035-3604  
Renewal Date: November 30, 2020  
DLZ Professional Design Firm 184.002815

[illegible]



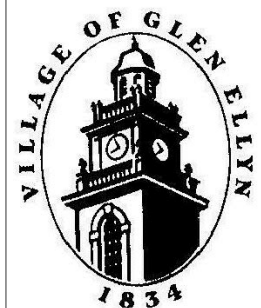
 **ERIKSSON  
ENGINEERING  
ASSOCIATES, LTD.**

**Civil Engineering / Landscape Architecture**

145 Commerce Drive, Suite A  
Graylake, IL 60030  
Tel: 847.223.4804  
[www.eea-ltd.com](http://www.eea-ltd.com)  
LICENSE NO. 184.003220-0002



EXPIRATION DATE: 11.30.19



VILLAGE OF GLEN ELLYN  
PUBLIC PARKING GARAGE

535 Duane Street  
Glen Ellyn, IL 60137

[illegible]

|             |                        |
|-------------|------------------------|
| ISSUE:      | ZONING SUBMITTAL NO. 6 |
| ISSUE DATE: | 11/14/2019             |
| PROJECT NO: | 31-8445.00             |
| DRAWN BY:   | TOB                    |
| CHECKED BY: | SDC                    |

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SHEET TITLE:  
**AUTOTURN EXHIBITS**

C-700



- 
- SECTION VIEW**
- PLAN VIEW**
- 1 TREE PROTECTION DETAIL**
- Not To Scale
- 329363-01



**Design Consultants:**

 **WALKER**  
CONSULTANTS

**Parking Consultant / Structural Engineer**

2895 Greenspoint Parkway, Suite 600  
Hoffman Estates, IL 60169  
Tel: 847.697.2640  
[www.walkerconsultants.com](http://www.walkerconsultants.com)  
LICENSE NO. 184 000947-0006

**SHIVE-HATTERY**  
ARCHITECTURE+ENGINEERING  
**Architect / MEP - FP Engineer**  
440 North Wells Street, Suite 320  
Chicago, IL 60654  
Tel: 312.324.5500  
[www.shive-hattery.com](http://www.shive-hattery.com)  
LICEN SE NO. 184.000214-0015

 **ERIKSSON  
ENGINEERING  
ASSOCIATES, LTD.**

**Civil Engineering / Landscape Architecture**

145 Commerce Drive, Suite A  
Grayslake, IL 60030  
Tel. 847.223.4804  
[www.eea-ltd.com](http://www.eea-ltd.com)  
LICENSE NO. 184.003220-0002



VILLAGE OF GLEN ELLYN  
PUBLIC PARKING GARAGE

535 Duane Street  
Glen Ellyn, IL 60137

|      |            |                        |
|------|------------|------------------------|
|      |            |                        |
|      |            |                        |
|      |            |                        |
|      |            |                        |
|      |            |                        |
|      |            |                        |
|      | 10/11/2019 | ZONING SUBMITTAL NO. 5 |
|      | 08/29/2019 | ZONING SUBMITTAL NO. 4 |
|      | 07/19/2019 | ZONING SUBMITTAL NO. 3 |
|      | 05/21/2019 | ZONING SUBMITTAL NO. 2 |
|      | 03/21/2019 | ZONING SUBMITTAL NO. 1 |
| MARK | DATE       | DESCRIPTION            |

|                                                                                                                                                                  |                        |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|
| ISSUE:                                                                                                                                                           | ZONING SUBMITTAL NO. 5 |
| ISSUE DATE:                                                                                                                                                      | 11/14/2015             |
| PROJECT NO.:                                                                                                                                                     | 31-8445.06             |
| DRAWN BY:                                                                                                                                                        | SSG                    |
| CHECKED BY:                                                                                                                                                      | SC                     |
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| SHEET TITLE                                                                                                                                                      |                        |
| <b>TREE PRESERVATION<br/>         PLAN</b>                                                                                                                       |                        |

TP-100 Pa

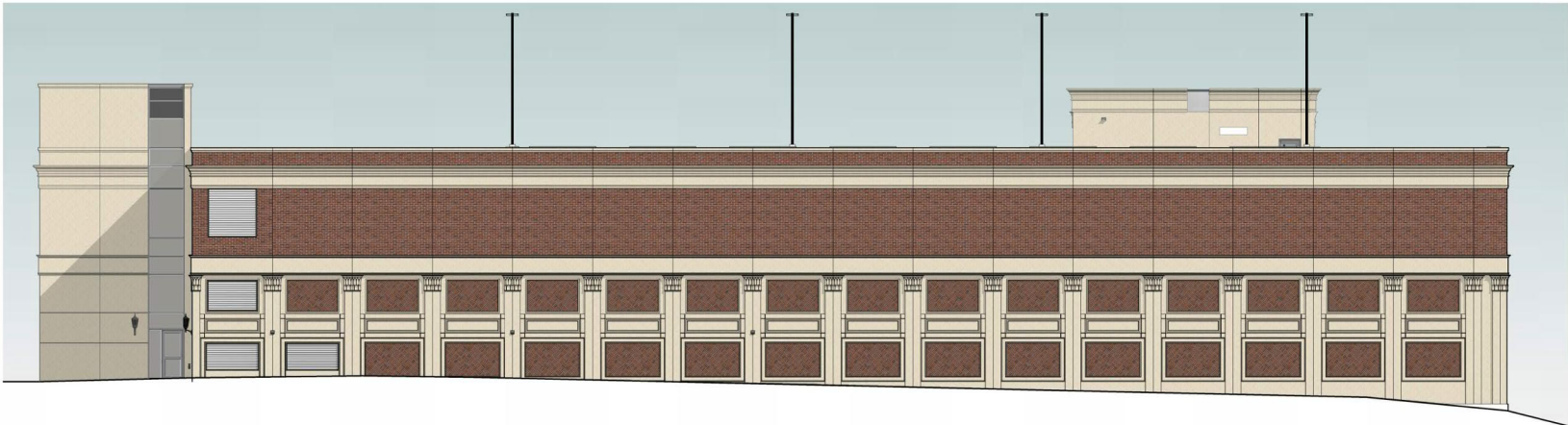




○ NORTH ELEVATION



○ EAST ELEVATION



○ SOUTH ELEVATION



○ WEST ELEVATION



## SITE DATA:

|                 |                 |
|-----------------|-----------------|
| SITE OPEN SPACE | 0               |
| REQUIRED        | 6,257 S.F.      |
| PROVIDED        | OPEN SPACE AREA |
| TREES           |                 |
| REQUIRED        | 4               |
| PROVIDED        | 6               |

## NOTE:

SHADING INDICATED OPEN SPACE AREAS USED IN THE OPEN SPACE CALCULATIONS.

## LANDSCAPE NARRATIVE:

THE PROPOSED LANDSCAPE PLANTINGS HELP FRAME THE VIEW OF THE NEW PARKING DECK FROM DUANE STREET AND WELCOME THE USERS INTO THE SITE. WE ALSO HAVE PROVIDED NEW LANDSCAPE SCREENING OF THE REDUCED SURFACE AREA ALONG THE EAST BORDER OF THE PROPERTY. WE HAVE PROVIDED FOUNDATION PLANTINGS ALONG THE EAST FACE OF THE PARKING GARAGE AND ADDED A COUPLE OF CANOPY TREES TO HELP SORTEN THE VIEW OF THE GARAGE FROM THE EAST. ON THE NORTH ELEVATION OF THE PARKING GARAGE ADJACENT TO THE NEW PLAZA SPACE PLANTERS HAVE BEEN ADDED TO CREATE A PEDESTRIAN FRIENDLY ENVIRONMENT ADJACENT TO THE NEW GARAGE. ADDITIONALLY, WE HAVE PROPOSED TO CONTAIN THE NEEDED SERVICE ELEMENTS SUCH AS THE TRASH ENCLOSURE AND TRANSFORMERS INTERNAL TO THE SITE TO THE GREATEST EXTENT POSSIBLE TO KEEP THEM SCREENED FROM THE SURROUNDING PUBLIC R.O.W.

## PLANT SCHEDULE

| CANOPY TREES     | BOTANICAL / COMMON NAME                                                  | COND   | SIZE     | QTY      |
|------------------|--------------------------------------------------------------------------|--------|----------|----------|
| ACE A12          | ACER X FREEMANNI 'JEFFSRED' / AUTUMN BLAZE MAPLE                         | B & B  | 4" CAL   | 1        |
| CEL OCC          | CELTIS OCCIDENTALIS / COMMON HACKBERRY                                   | B & B  | 3" CAL   | 2        |
| GLE I18          | GLEITSIA TRIACANTHOS INERMIS 'SKYLINE' / THORNLESS SKYLINE HONEYLOCUST   | B & B  | 4" CAL   | 1        |
| TIL RED          | TILIA AMERICANA 'REDMOND' / REDMOND AMERICAN LINDEN                      | B & B  | 3" CAL   | 4        |
| UNDERSTORY TREES | BOTANICAL / COMMON NAME                                                  | COND   | SIZE     | QTY      |
| AME A12          | AMELANCHIER GRANDIFLORA / SHADBLow SERVICEBERRY                          | B & B  | 8" CLUMP | 1        |
| DECIDUOUS SHRUBS | BOTANICAL / COMMON NAME                                                  | COND   | SIZE     | QTY      |
| ARO RED          | ARONIA ARBUTIFOLIA / RED CHOKEBERRY                                      | B & B  | 30" HT.  | 14       |
| COT ACU          | COTONEASTER ACUTIFOLIUS / PEKING COTONEASTER                             | B & B  | 30" HT.  | 12       |
| RIB GRE          | RIBES ALPINUM 'GREEN MOUND' / GREEN MOUND ALPINE CURRANT                 | B & B  | 30" HT.  | 3        |
| SPI SPI          | SPIRAEA JAPONICA 'LITTLE PRINCESS' / LITTLE PRINCESS JAPANESE SPIREA     | B & B  | 30" HT.  | 6        |
| SYR MEY          | SYRINGA MEYERI 'PALIBIN' / DWARF KOREAN LILAC                            | B & B  | 30" HT.  | 11       |
| VIB CAY          | VIBURNUM CARLESII 'CAYUGA' / KOREAN SPICE VIBURNUM                       | B & B  | 30" HT.  | 20       |
| EVERGREEN SHRUBS | BOTANICAL / COMMON NAME                                                  | COND   | SIZE     | QTY      |
| JUN PF1          | JUNIPERUS CHINENSIS 'KALLAYS COMPACT' / KALLAY COMPACT PRITZER JUNIPER   | B & B  | 18" HT.  | 18       |
| TAX DEN          | TAXUS X MEDIA 'DENSIFORMIS' / DENSE YEW                                  | B & B  | 36" HT.  | 11       |
| GROUND COVERS    | BOTANICAL / COMMON NAME                                                  | COND   | SIZE     | QTY      |
| CER BIG          | GERANIUM MACRORRHIZUM / BIGROOT GERANIUM                                 | CONT.  | #1       | 20       |
| HEU F24          | HEUCHERA X 'FIRE ALARM' / FIRE ALARM CORAL BELLS                         | CONT.  | #1       | 67       |
| HOS P41          | HOSTA X 'PATRIOT' / PATRIOT HOSTA                                        | CONT.  | #1       | 25       |
| RUB LIB          | RUDBECKIA FULGIDA 'LITTLE GOLD STAR' / LITTLE GOLD STAR BLACK-EYED SUSAN | CONT.  | #1       | 36       |
| ANNUALS          | BOTANICAL / COMMON NAME                                                  | COND   | SIZE     | QTY      |
| PET WAV          | PETUNIA X HYBRIDA 'PURPLE WAVE' TM / PETUNIA                             | CONT.  | 3" POTS  | 160      |
| TURF GRASS       | BOTANICAL / COMMON NAME                                                  | COND   | SIZE     | QTY      |
| TUR BLU          | TURF SOD BLUEGRASS / KENTUCKY BLUEGRASS                                  | ROLLED | SOD      | 6,060 SF |

## LANDSCAPE NOTES

1. PLANT QUANTITIES SHOWN IN THE PLANT SCHEDULE ARE FOR CONVENIENCE ONLY. THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING AND INSTALLING ALL MATERIALS SHOWN ON THE PLAN AND SHOULD NOT RELY ON THE PLANT SCHEDULE FOR DETERMINING QUANTITIES.
2. ALL PLANT MATERIALS SHALL BE NURSERY GROWN STOCK AND SHALL BE FREE FROM ANY DEFORMITIES, DISEASES OR INSECT DAMAGE. ANY MATERIALS WITH DAMAGED OR CROOKED/DISFIGURED LEADERS, BARK ABRASION, SUNSCALD, INSECT DAMAGE, ETC. ARE NOT ACCEPTABLE AND WILL BE REJECTED. TREES WITH MULTIPLE LEADERS WILL BE REJECTED UNLESS CALLED OUT IN THE PLANT SCHEDULE AS MULTI-STEM.
3. ALL LANDSCAPE IMPROVEMENTS SHALL MEET MUNICIPALITY REQUIREMENTS AND GUIDELINES, WHICH SHALL BE VERIFIED BY MUNICIPAL AUTHORITIES.
4. ALL PLANTING OPERATIONS SHALL BE COMPLETED IN ACCORDANCE WITH STANDARD HORTICULTURAL PRACTICES. THIS MAY INCLUDE, BUT NOT BE LIMITED TO, PROPER PLANTING BED AND TREE PIT PREPARATION, PLANTING MIX, PRUNING, STAKING AND GUTTING, WRAPPING, SPRAYING, FERTILIZATION, PLANTING AND ADEQUATE MAINTENANCE OF MATERIALS DURING CONSTRUCTION ACTIVITIES.
5. ALL PLANT MATERIALS SHALL BE INSPECTED AND APPROVED BY THE LANDSCAPE ARCHITECT PRIOR TO INSTALLATION. ANY MATERIALS INSTALLED WITHOUT APPROVAL MAY BE REJECTED.
6. THE CONTRACTOR SHALL GUARANTEE PLANT MATERIALS FOR A PERIOD OF ONE YEAR FROM DATE OF ACCEPTANCE BY OWNER. THE CONTRACTOR SHALL OUTLINE PROPER MAINTENANCE PROCEDURES TO THE OWNER AT THE TIME OF ACCEPTANCE. DURING THE GUARANTEE PERIOD, DEAD OR DISEASED MATERIALS SHALL BE REPLACED AT NO COST TO THE OWNER. AT THE END OF THE GUARANTEE PERIOD THE CONTRACTOR SHALL OBTAIN FINAL ACCEPTANCE FROM THE OWNER.
7. ANY EXISTING TREES TO BE RETAINED SHALL BE PROTECTED FROM SOIL COMPACTION AND OTHER DAMAGES THAT MAY OCCUR DURING CONSTRUCTION ACTIVITIES BY ERECTING FENCING AROUND SUCH MATERIALS AT A DISTANCE OF 8.5' FROM THE TRUNK.
8. ALL GRASS, CLUMPS, OTHER VEGETATION, DEBRIS, STONES, ETC., SHALL BE RAKED OR OTHERWISE REMOVED FROM PLANTING AND LAWN AREAS PRIOR TO INITIATION OF INSTALLATION PROCEDURES.
9. THE CONTRACTOR SHALL VERIFY THE LOCATIONS OF ALL UNDERGROUND UTILITIES PRIOR TO INITIATING PLANTING OPERATIONS. THE CONTRACTOR SHALL REPAIR/REPLACE AND UTILITY, PAVING, CURBING, ETC., WHICH IS DAMAGED DURING PLANTING OPERATIONS.
10. SIZE AND GRADING STANDARDS OF PLANT MATERIALS SHALL CONFORM TO THE LATEST EDITION OF ANSI Z60.1, AMERICAN STANDARDS FOR NURSERY STOCK, BY THE AMERICAN NURSERY & LANDSCAPE ASSOCIATION.
11. REFER TO PLAN OF SURVEY FOR LEGAL DESCRIPTION, BOUNDARY DIMENSIONS AND EXISTING CONDITIONS.
12. ALL PLANT MATERIAL ON THIS PLANTING PLAN REPRESENTS THE INTENTION AND INTENSITY OF THE PROPOSED LANDSCAPE MATERIAL. THE EXACT SPECIES AND LOCATIONS MAY VARY IN THE FIELD DO TO MODIFICATIONS IN THE SITE IMPROVEMENTS AND THE AVAILABILITY OF PLANT MATERIAL AT THE TIME OF INSTALLATION. ANY SUCH CHANGES MUST FIRST BE APPROVED BY THE VILLAGE IN WRITING.
13. ALL PLANT MATERIAL SHALL BE PLANTED WITH A MINIMUM OF SIX INCHES OF ORGANIC SOIL AND MULCHED WITH A SHREDDED BARK MATERIAL TO A MINIMUM 3" DEPTH.
14. ALL BEDS SHALL BE EDGED, HAVE WEED PREEMERGENTS APPLIED AT THE RECOMMENDED RATE.
15. ALL PARKWAYS AND PARKING LOT ISLANDS SHALL HAVE LAWN ESTABLISHED WITH SOD AT A GROUND COVER, UNLESS OTHERWISE NOTED.
16. ALL LAWN AREAS ON THIS PLAN SHALL BE GRADED SMOOTH AND TOPPED WITH AT LEAST 4" OF TOPSOIL. ALL LAWN AREAS TO BE ESTABLISHED USING SEED BLANKET UNLESS OTHERWISE NOTED. BLANKET TO BE 575 OR APPROVED EQUAL.
17. THIS LANDSCAPE PLAN ASSUMES THE SITE WILL BE PREPARED WITH TOP SOIL SUITABLE FOR THE ESTABLISHMENT OF THE LANDSCAPE MATERIAL. PRESENTED ON THIS PLAN, IF ADDITIONAL TOP SOIL IS REQUIRED IT IS UP TO THE LANDSCAPE CONTRACTOR ON THE PROJECT TO PROVIDE, SPREAD AND PREPARE THE SITE AS NEEDED FOR THE IMPLEMENTATION OF THIS LANDSCAPE PLAN.
18. CONTRACTORS MUST VERIFY ALL QUANTITIES AND OBTAIN ALL PROPER PERMITS AND LICENSES FROM THE PROPER AUTHORITIES.
19. ALL MATERIAL MUST MEET INDUSTRY STANDARDS AND THE LANDSCAPE ARCHITECT HAS THE RIGHT TO REFUSE ANY POOR MATERIAL OR WORKMANSHIP.
20. LANDSCAPE ARCHITECT IS NOT RESPONSIBLE FOR UNSEEN SITE CONDITIONS.
21. ALL PLANTINGS SHALL BE SPACED EQUAL DISTANT, BACK FILLED WITH AMENDED SOIL IN A HOLE TWICE THE ROOTBALL DIAMETER, WATERED, FERTILIZED, PRUNED, AND HAVE ALL TAGS AND ROPES REMOVED.
22. LAWN AND BED AREAS SHALL BE ROTOTILLED, RAKED OF CLUMPS AND DEBRIS.
23. REMOVE ALL DEAD AND DISEASED PLANT MATERIAL FROM SITE AND DISPOSE OF PROPERLY.

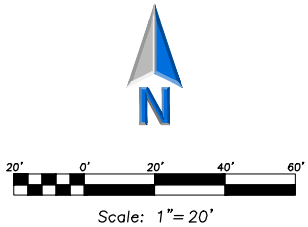
## SITE MATERIAL SCHEDULE

|                                                                                       |                           |          |
|---------------------------------------------------------------------------------------|---------------------------|----------|
|  | SURFACE TREATMENT TYPE II | 6,708 SF |
|  | PERMEABLE PAVERS          | 4,260 SF |
|  | SURFACE TREATMENT TYPE I  | 9,332 SF |

NOTE: REFER TO CIVIL ENGINEERING PLANS AND DETAILS FOR LIMITS OF PAVEMENT TYPES AND PAVEMENT SECTIONS.

J.U.L.I.E.

Note: The exact location of all utilities shall be verified by the contractor prior to construction activities. For utility locations call: J.U.L.I.E. 1 (800) 882-0123



Design Builder:

**Mortenson**  
N. A. MORTENSON COMPANY  
300 Park Boulevard, Suite 100  
Itasca, IL 60143  
Tel: 847.981.9600  
www.mortenson.com

Design Consultants:



Parking Consultant / Structural Engineer

2895 Greenspoint Parkway, Suite 600  
Houston, TX 77060  
Tel: 847.697.2640  
www.walkerconsultants.com  
LICENSE NO. 194.000947-0006

**SHIVEHATTERY**  
ARCHITECTURE+ENGINEERING  
Architect / MEP - FP Engineer

440 North Wells Street, Suite 320  
Chicago, IL 60664  
Tel: 312.324.6500  
www.shive-hattery.com  
LICENSE NO. 194.000214-0015

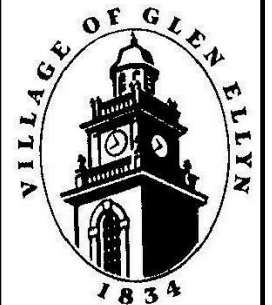


Civil Engineering / Landscape Architecture

145 Commerce Drive, Suite A  
Graystone, IL 60039  
Tel: 847.223.4804  
www.eea-ils.com  
LICENSE NO. 194.000220-0002



EXPIRES: 08/31/2021

VILLAGE OF GLEN ELLYN  
PUBLIC PARKING GARAGE535 Duane Street  
Glen Ellyn, IL 60137

| MARK | DATE       | DESCRIPTION            |
|------|------------|------------------------|
|      | 10/1/2019  | ZONING SUBMITTAL NO. 5 |
|      | 09/29/2019 | ZONING SUBMITTAL NO. 4 |
|      | 07/19/2019 | ZONING SUBMITTAL NO. 3 |
|      | 05/21/2019 | ZONING SUBMITTAL NO. 2 |
|      | 03/21/2019 | ZONING SUBMITTAL NO. 1 |

| ISSUE       | ZONING SUBMITTAL NO. |
|-------------|----------------------|
| ISSUE DATE: | 11/14/2019           |
| PROJECT NO: | 31-8445.08           |
| DRAWN BY:   | SSG                  |
| CHECKED BY: | SC                   |

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SHEET TITLE  
LANDSCAPE PLAN

L-100

















Proposed Elevation

















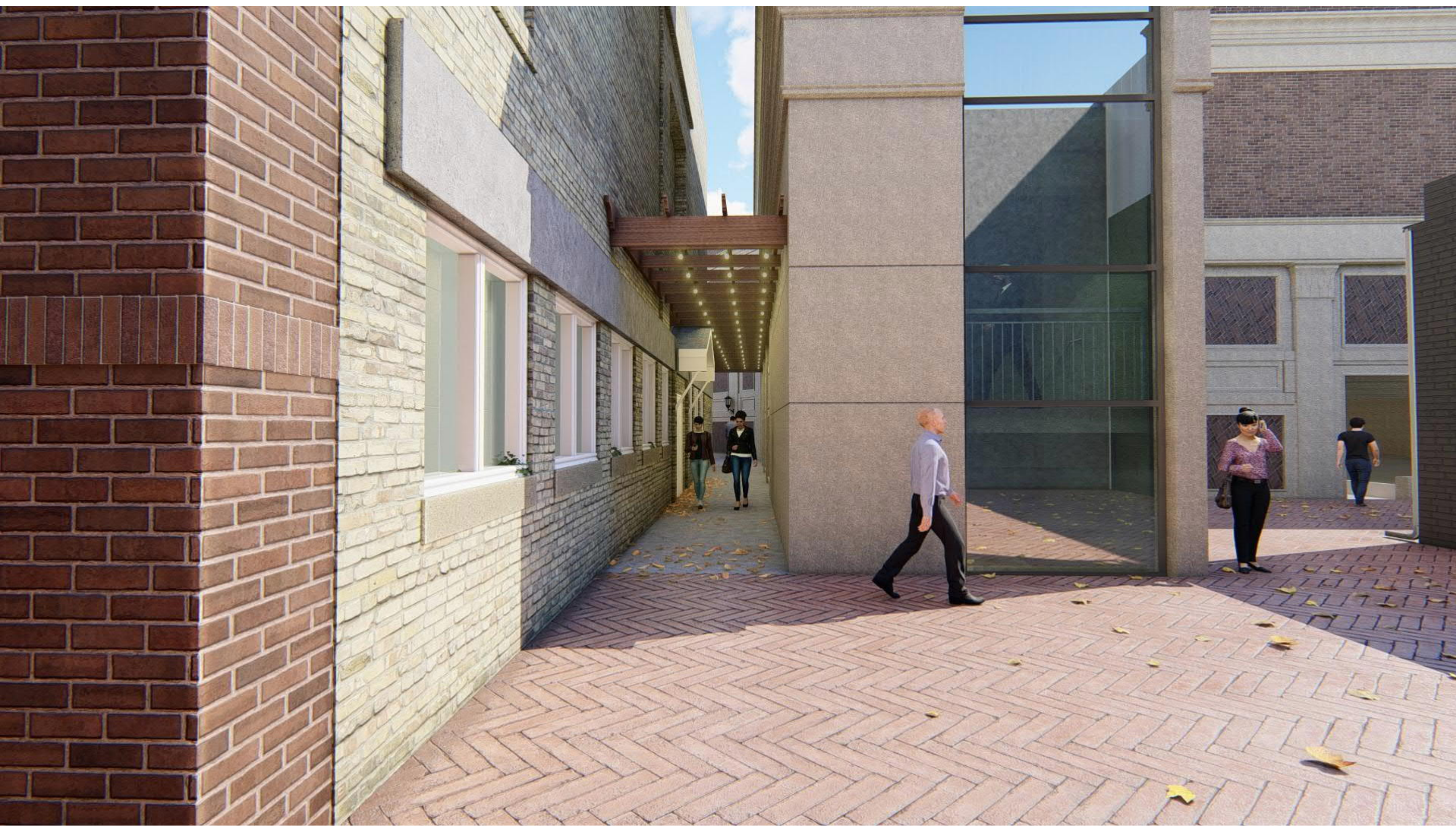




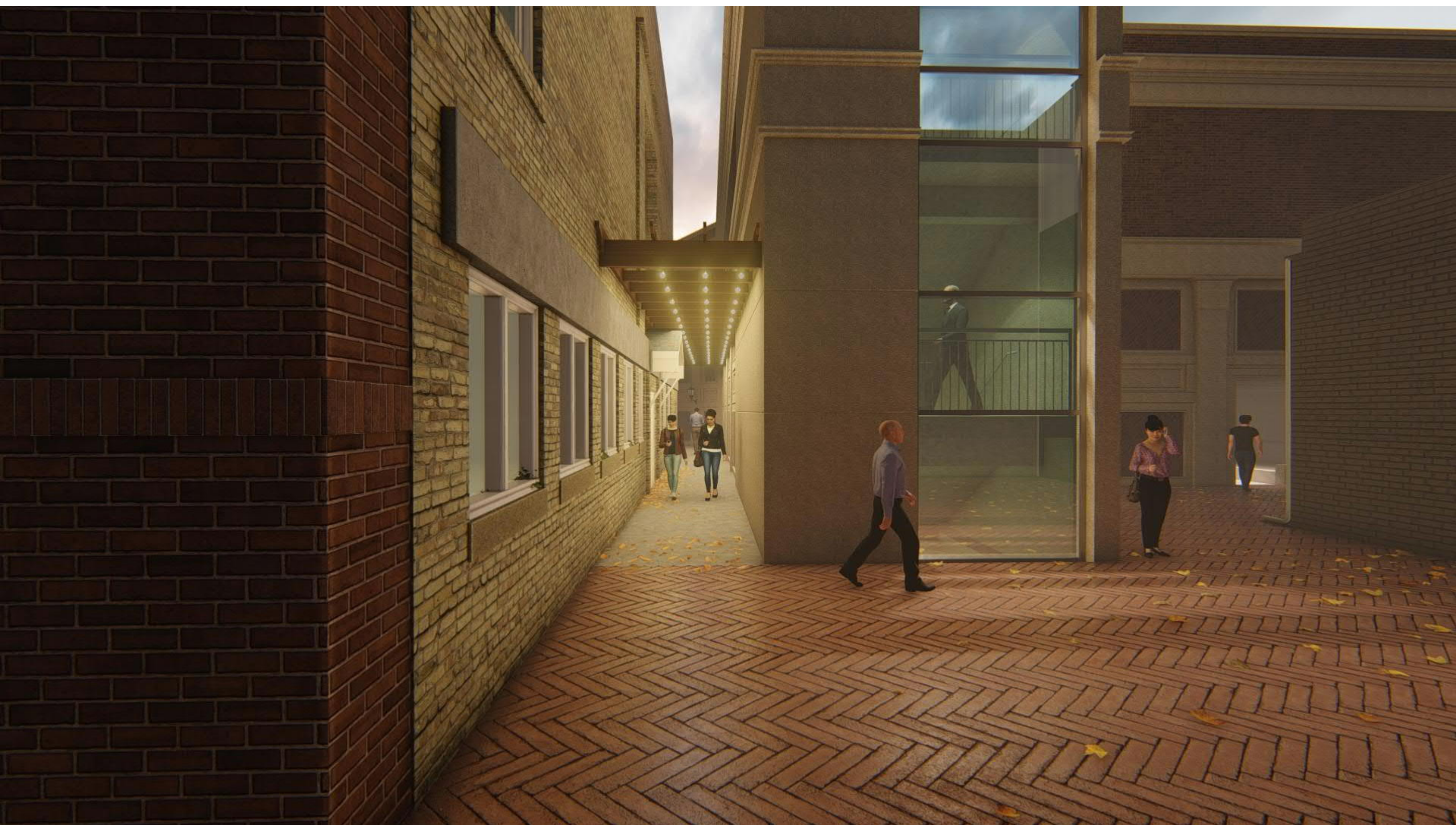




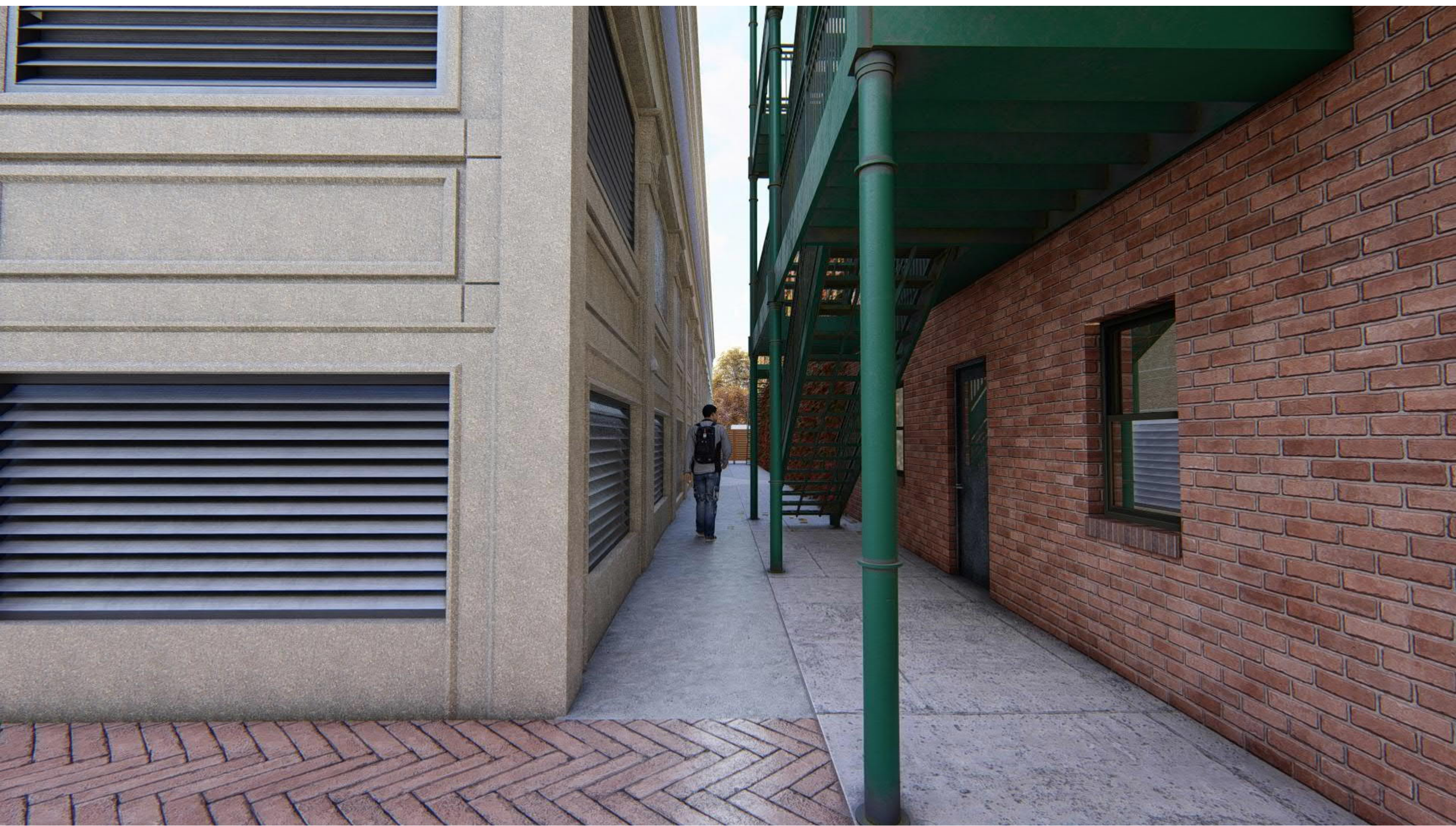




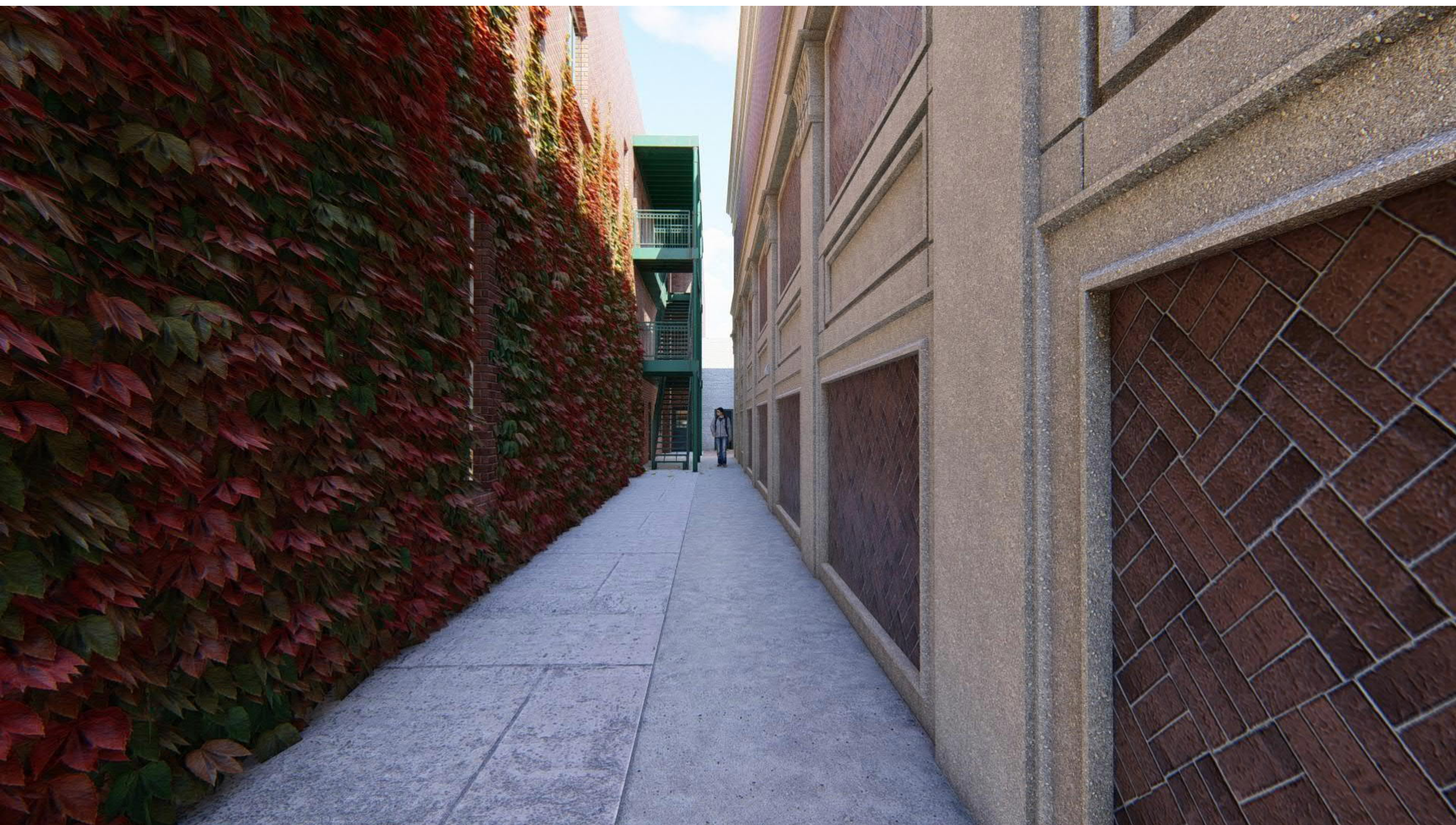




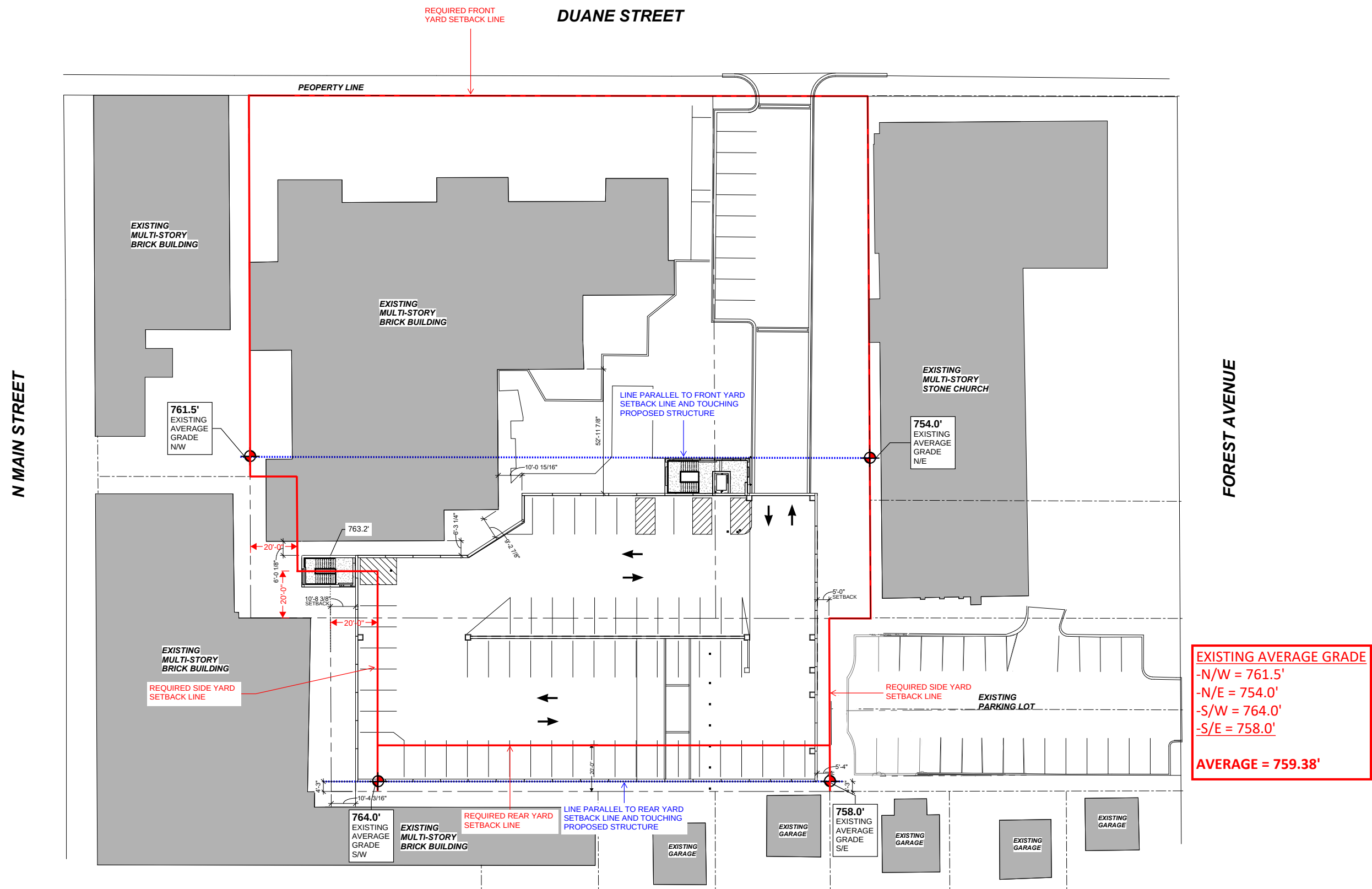








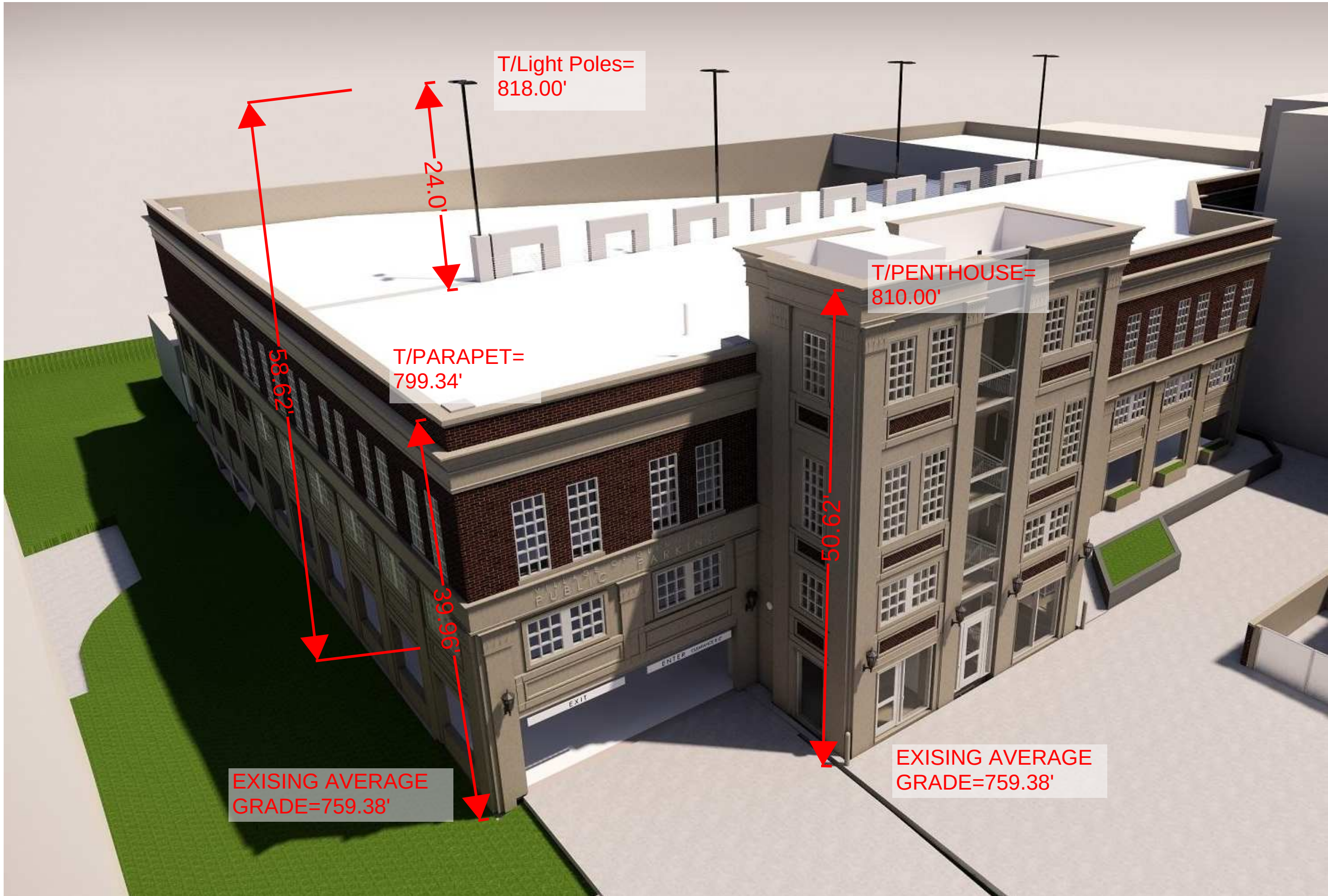




**WALKER**  
CONSULTANTS

2895 Greenspoint Parkway, Suite 600  
Hoffman Estates IL 60169  
847.697.2640 Ph  
www.walkerconsultants.com

|               |                       |                      |
|---------------|-----------------------|----------------------|
| PROJECT NAME: | VILLAGE OF GLEN ELLYN | NO:<br><br>Exhibit A |
| PROJECT NO:   | 31-8445.00            |                      |
| DATE:         | 10/11/2019            |                      |

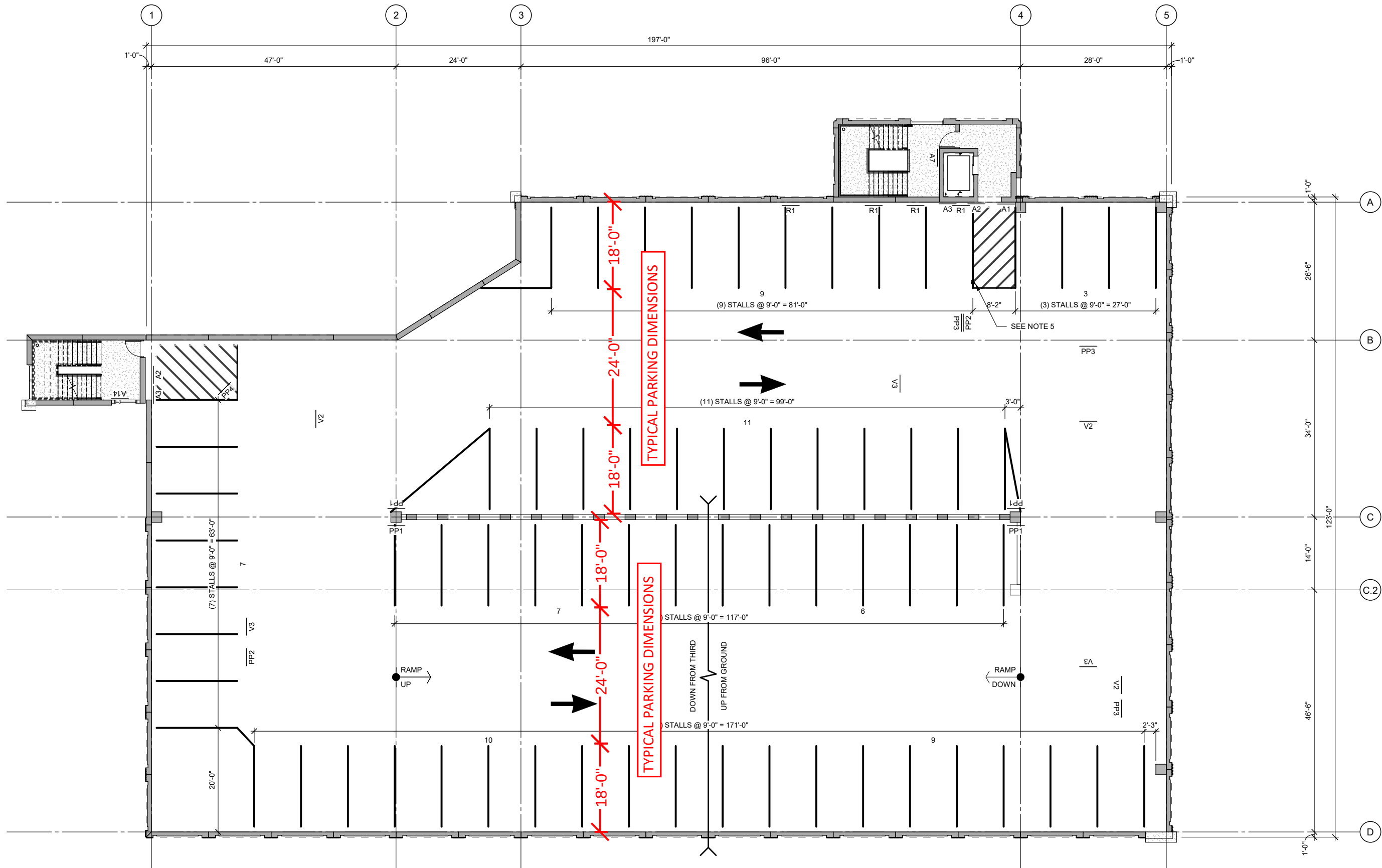


**WALKER**  
CONSULTANTS

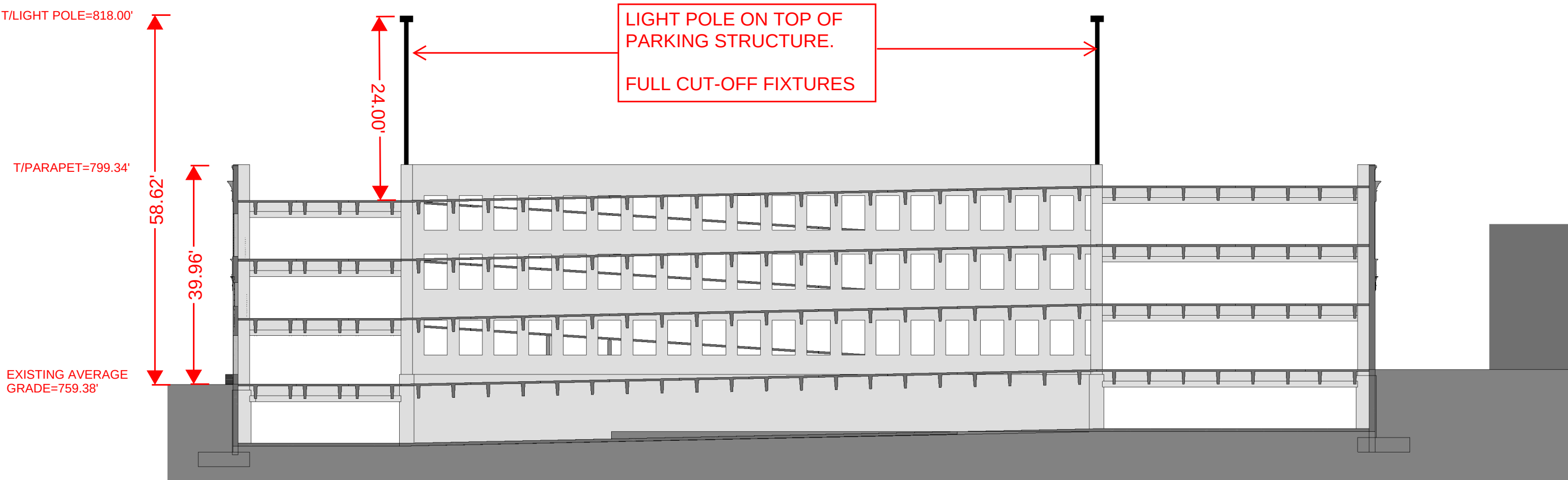
2895 Greenspoint Parkway, Suite 600  
Hoffman Estates IL 60169  
847.697.2640 Ph  
www.walkerconsultants.com

|               |                       |
|---------------|-----------------------|
| PROJECT NAME: | VILLAGE OF GLEN ELLYN |
| PROJECT NO:   | 31-8445.00            |
| DATE:         | 10/11/2019            |

NO:  
Exhibit B



|                                                                                                                    |                                                                                                                 |                  |                       |                      |
|--------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------|------------------|-----------------------|----------------------|
|  <b>WALKER</b><br>CONSULTANTS | 2895 Greenspoint Parkway, Suite 600<br>Hoffman Estates IL 60169<br>847.697.2640 Ph<br>www.walkerconsultants.com | PROJECT<br>NAME: | VILLAGE OF GLEN ELLYN | NO:<br><br>Exhibit C |
|                                                                                                                    |                                                                                                                 | PROJECT<br>NO:   | 31-8445.00            |                      |
|                                                                                                                    |                                                                                                                 | DATE:            | 10/11/2019            |                      |





STATE OF ILLINOIS )  
COUNTY OF DU PAGE ) SS

This is to certify that the undersigned is the owner of the land described in the annexed plat, and that he has caused the same to be surveyed and subdivided, as indicated thereon, for the uses and purposes therein set forth, and does hereby acknowledge and adopt the same under the style and title thereon indicated.

I hereby dedicate for public use the lands shown on this plat for thoroughfares, streets, alleys, and facilities; and I hereby also reserve for that company or companies which have been granted by the Village or other entities with the power to do so, franchises within the Village for utility services, including natural gas, electricity, telephone, water, sewer, cable and other similar entities the easement provisions, which are stated on their standard form, which is attached hereto.

This is to certify, as Owner of the property described herein and legally described on the plat, that I have determined to the best of my knowledge and belief that each of the subject lots lie wholly within Community Consolidated School District 89.

By: \_\_\_\_\_  
Village President, Village of Glen Ellyn

Attest: \_\_\_\_\_  
Village Clerk, Village of Glen Ellyn

Dated this \_\_\_\_\_ day of \_\_\_\_\_, A.D. 20\_\_\_\_.

## NOTARY CERTIFICATE

STATE OF ILLINOIS )  
COUNTY OF DU PAGE ) SS

I, \_\_\_\_\_, a Notary Public in and for said County, in the state aforesaid, do hereby certify that \_\_\_\_\_, personally known to me to be the same persons whose names are subscribed to the foregoing instrument as such owners, appeared before me this day in person and acknowledge that they signed the annexed plat as their own free and voluntary act for the uses and purposes therein set forth.

Given under my hand and Notarial Seal this \_\_\_\_\_ day of \_\_\_\_\_, A.D. 20\_\_\_\_.

Notary Public \_\_\_\_\_

## VILLAGE ENGINEER'S CERTIFICATE AS TO STREETS, DOMESTIC WATER, AND SANITARY

STATE OF ILLINOIS )  
COUNTY OF DU PAGE ) SS

I, \_\_\_\_\_, Village Engineer of the Village of Glen Ellyn, do hereby certify to the best of my knowledge and belief that all matters pertaining to plat requirements as prescribed in the regulations governing plats adopted by the Village Board of the Village of Glen Ellyn, Illinois, insofar as they pertain to the subject plat, have been complied with. I further certify to the best of my knowledge and belief that the required performance security is posted for the completion of the improvements covering sanitary sewerage system and domestic water supply and transmission system under the jurisdiction of the Village of Glen Ellyn, based on engineer's plans and specifications prepared by a licensed engineer and approved by all public authorities having jurisdiction, except: \_\_\_\_\_ I further certify that the street names have been examined by me and found to comply with the Village of Glen Ellyn regulations.

Dated at Glen Ellyn, DuPage County, Illinois, this \_\_\_\_\_ day of \_\_\_\_\_, A.D. 20\_\_\_\_.

Village Engineer \_\_\_\_\_

Attest: \_\_\_\_\_  
Village Attorney

## VILLAGE BOARD CERTIFICATION

STATE OF ILLINOIS )  
COUNTY OF DU PAGE ) SS

Approved by the President and Village Board of the Village of Glen Ellyn, DuPage County, Illinois, this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_.

Signed \_\_\_\_\_ Attest \_\_\_\_\_  
President Clerk

I, \_\_\_\_\_, Village Clerk of the Village of Glen Ellyn, Illinois, do hereby certify that the \_\_\_\_\_ plat was presented by ordinance duly approved by the Village Board of the Village of Glen Ellyn, Illinois, at its meeting held on \_\_\_\_\_, A.D. 20\_\_\_\_, in witness whereof I have hereunto set the seal of the Village of Glen Ellyn, Illinois.

Village Clerk \_\_\_\_\_

## COUNTY CLERK'S CERTIFICATE

STATE OF ILLINOIS )  
COUNTY OF DU PAGE ) SS

I, \_\_\_\_\_, County Clerk of DuPage County, Illinois, do hereby certify that there are no delinquent or unpaid taxes, no unpaid forfeited taxes, and no redeemable tax sales against any of the land included in the annexed plat. Given under my hand and seal at Wheaton, DuPage County, Illinois, this \_\_\_\_\_ day of \_\_\_\_\_, A.D. 20\_\_\_\_.

County Clerk \_\_\_\_\_

## CERTIFICATE AS TO SPECIAL ASSESSMENTS

STATE OF ILLINOIS )  
COUNTY OF DU PAGE ) SS

I, \_\_\_\_\_, Village Collector of the Village of Glen Ellyn, do hereby certify that there are no delinquent or unpaid current or forfeited special assessments or any deferred installments thereof that have been apportioned against the tract of land included in the plat.

Dated at Glen Ellyn, DuPage County, Illinois, this \_\_\_\_\_ day of \_\_\_\_\_, A.D. 20\_\_\_\_.

Village Collector \_\_\_\_\_

## COMMUNITY DEVELOPMENT DIRECTOR CERTIFICATE

STATE OF ILLINOIS )  
COUNTY OF DU PAGE ) SS

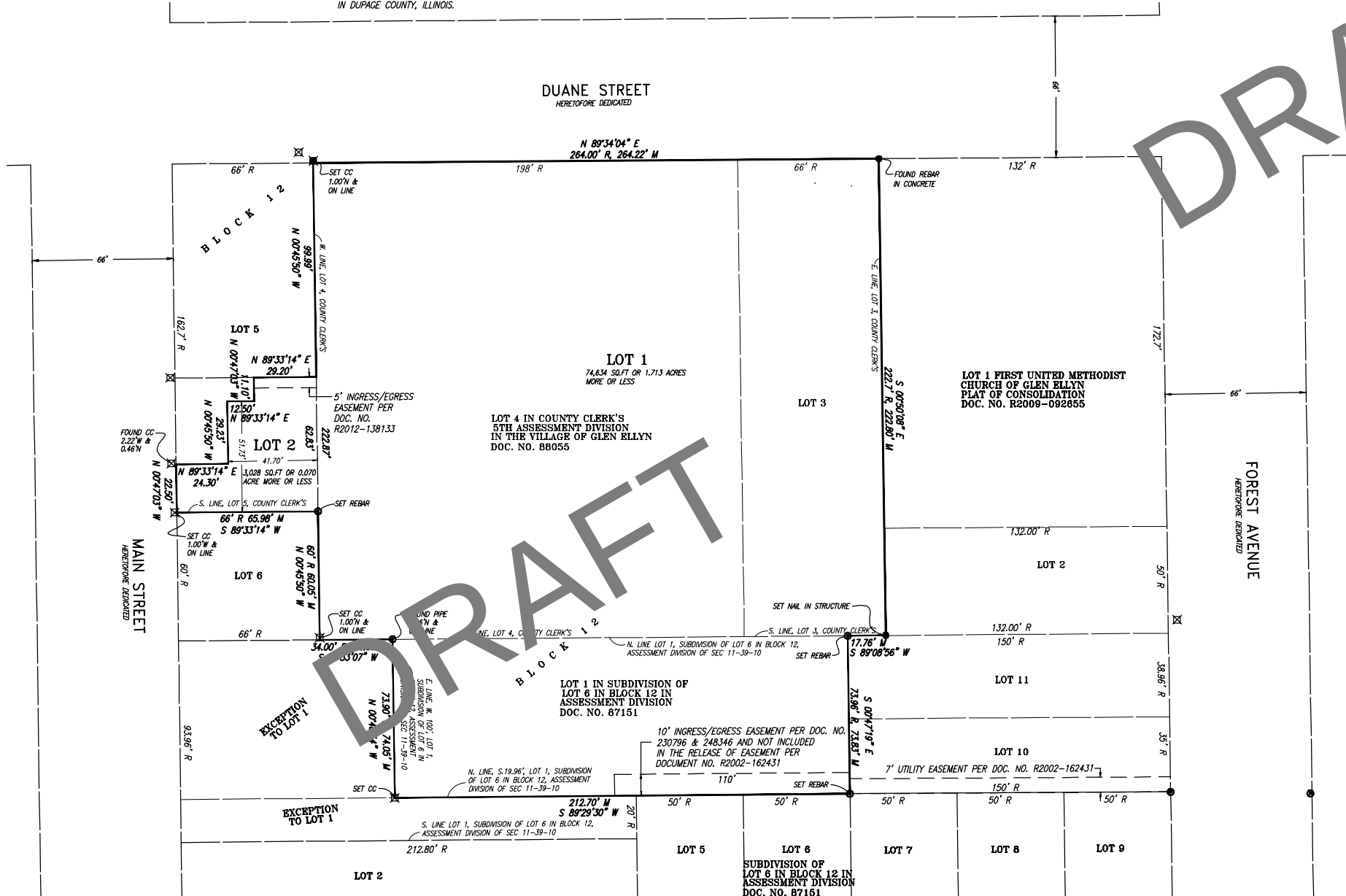
I, \_\_\_\_\_, Village Community Development Director of Glen Ellyn, do hereby certify that I have reviewed this two-lot subdivision and I find it to be in conformance with section 11-3-9 of the Village of Glen Ellyn Subdivision Code.

Dated at Glen Ellyn, DuPage County, Illinois, this \_\_\_\_\_ day of \_\_\_\_\_, A.D. 20\_\_\_\_.

Village Community Development Director \_\_\_\_\_

GLEN ELLYN CIVIC CENTER  
CAMPUS TWO-LOT SUBDIVISION

BEING A RESUBDIVISION OF LOTS 3 AND 4 AND THE EAST 29.2 FEET OF THE NORTH 11.1 FEET OF THE SOUTH 62.83 FEET AND THE EAST 41.7 FEET OF THE SOUTH 51.73 FEET AND ALSO THE SOUTH 22.5 FEET OF THE WEST 24.3 FEET OF LOT 5 IN BLOCK 12 IN COUNTY CLERK'S FIFTH ASSESSMENT DIVISION, IN SECTION 11, TOWNSHIP 39 NORTH, RANGE 10, EAST OF THE THIRD PRINCIPAL MERIDIAN, ACCORDING TO THE PLAT THEREOF RECORDED JULY 3, 1906 AS DOCUMENT NO. 88055, IN DUPAGE COUNTY, ILLINOIS; AND ALSO LOT 1 (EXCEPT THE SOUTH 19.96 FEET OF THE WEST 212.80 FEET THEREOF AND EXCEPT THE WEST 100.00 FEET THEREOF) IN SUBDIVISION OF LOT 6 IN BLOCK 12 IN ASSESSMENT DIVISION OF SECTION 11, TOWNSHIP 39 NORTH, RANGE 10, EAST OF THE THIRD PRINCIPAL MERIDIAN, IN DUPAGE COUNTY, ILLINOIS.



DUANE STREET  
HEREFORE DEDICATED

N 89°34'04" E  
264.00' R, 264.22' M

LOT 1  
74.634 SQ FT OR 1.713 ACRES  
MORE OR LESS

LOT 4 IN COUNTY CLERK'S  
5TH ASSESSMENT DIVISION  
IN THE VILLAGE OF GLEN ELLYN  
DOC. NO. 88055

LOT 1 FIRST UNITED METHODIST  
CHURCH OF GLEN ELLYN  
PLAT OF CONSOLIDATION  
DOC. NO. R2009-092855

LOT 1 IN SUBDIVISION OF  
LOT 6 IN BLOCK 12 IN  
ASSESSMENT DIVISION  
DOC. NO. 87151

10' INGRESS/EGRESS EASEMENT PER DOC. NO.  
230796 & 248346 AND NOT INCLUDED  
IN THE RELEASE OF EASEMENT PER  
DOCUMENT NO. R2002-162431

LOT 6  
SUBDIVISION OF  
LOT 6 IN BLOCK 12 IN  
ASSESSMENT DIVISION  
DOC. NO. 87151

## SURVEYOR'S CERTIFICATE

STATE OF ILLINOIS )  
COUNTY OF DU PAGE ) SS

This is to certify that I, Eric C. Cox Licensed Illinois Land Surveyor No. 035-03604, have surveyed and subdivided the following described property: as shown by the annexed plat, which is a correct representation of said survey and subdivision. All distances are shown in feet and decimals thereof. I further certify that all regulations enacted by the Village Board relative to plats and subdivisions have been complied with in the preparation of this plat.

LOTS 3 AND 4 IN BLOCK 12 IN COUNTY CLERK'S FIFTH ASSESSMENT DIVISION, IN SECTION 11, TOWNSHIP 39 NORTH, RANGE 10, EAST OF THE THIRD PRINCIPAL MERIDIAN, ACCORDING TO THE PLAT THEREOF RECORDED JULY 3, 1906 AS DOCUMENT NO. 88055, IN DU PAGE COUNTY, ILLINOIS; AND

LOT 1 (EXCEPT THE SOUTH 19.96 FEET OF THE WEST 212.80 FEET THEREOF AND EXCEPT THE WEST 100.00 FEET THEREOF) IN SUBDIVISION OF LOT 6 IN BLOCK 12 IN ASSESSMENT DIVISION OF SECTION 11, TOWNSHIP 39 NORTH, RANGE 10, EAST OF THE THIRD PRINCIPAL MERIDIAN, IN DU PAGE COUNTY, ILLINOIS.

THE EAST 29.2 FEET OF THE NORTH 11.1 FEET OF THE SOUTH 62.83 FEET AND THE EAST 41.7 FEET OF THE SOUTH 51.73 FEET AND ALSO THE SOUTH 22.5 FEET OF THE WEST 24.3 FEET OF LOT 5 IN BLOCK 12 OF THE COUNTY CLERK'S 5TH ASSESSMENT DIVISION, IN THE VILLAGE OF GLEN ELLYN, IN THE SOUTHWEST 1/4 OF SECTION 11, TOWNSHIP 39 NORTH, RANGE 10, EAST OF THE THIRD PRINCIPAL MERIDIAN, ACCORDING TO THE PLAT THEREOF RECORDED JULY 13, 1906 AS DOCUMENT NO. 88055, IN DUPAGE COUNTY, ILLINOIS.

I further certify that the property shown on the Plat hereon drawn is situated within the Corporate Limits of the Village of Glen Ellyn which has adopted a Comprehensive Plan and which is exercising the special powers authorized by Division 12 of Article II of Illinois Municipal Code as heretofore and hereafter amended and that based upon a review of the Federal Emergency Management Agency (FEMA) Flood Insurance Rate Map Community Panel 17043C0064J and 17043C0152J with an effective date of August 1, 2019, it is my opinion that the property platted hereon is not located within a Special Flood Hazard Area.

I hereby authorize a representative from the Village of Glen Ellyn to record this Plat.

Given under my hand and seal at \_\_\_\_\_, Illinois, this \_\_\_\_\_ day of \_\_\_\_\_, A.D. 20\_\_\_\_.

Eric C. Cox  
Illinois Professional Surveyor No. 035-03604  
Renewal Date: November 30, 2020  
DLZ Industrial Surveying, Inc. Professional Design Firm 184002815

Scale: 1" = 30'

## LEGEND

- FOUND/SET CUT CROSS
- FOUND IRON PIPE
- REBAR IN CONCRETE
- SET REBAR

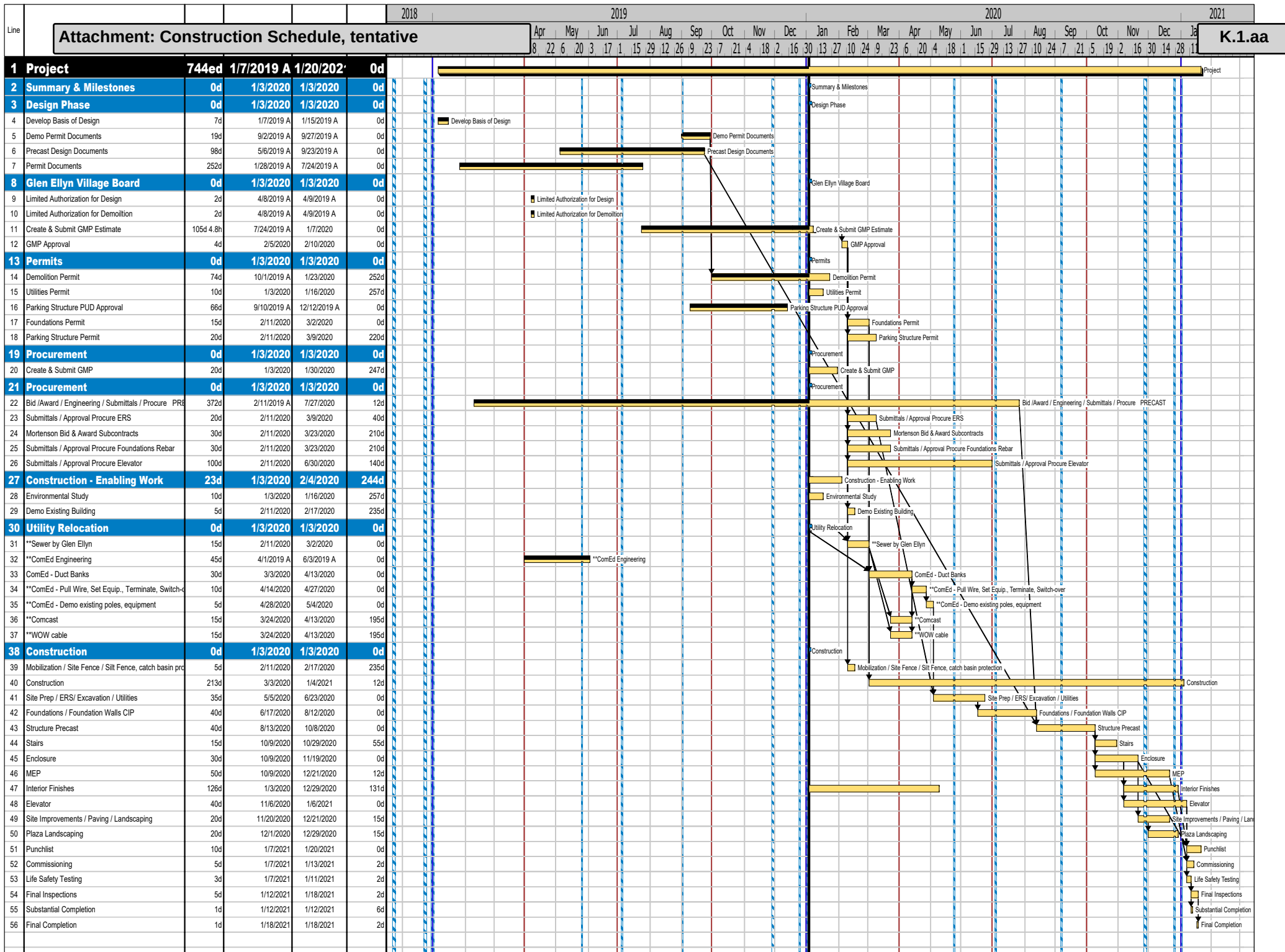
## SURVEYOR NOTES:

- THE FIELD WORK FOR THE COMPLETION OF THE SURVEY WAS COMPLETED ON FEBRUARY 14, 2019.
- BASIS OF BEARINGS IS THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE NAD 83.
- COMPARE ALL POINTS BEFORE BUILDING AND REPORT ANY DIFFERENCE AT ONCE.
- NO STATEMENT IS MADE CONCERNING SUBSURFACE CONDITIONS, OR THE EXISTENCE OF UNDERGROUND OR OVERHEAD CONTAINERS OF FACILITIES WHICH MAY AFFECT THE USE OR DEVELOPMENT OF THIS TRACT.
- ALL UNDERGROUND UTILITIES SHOULD BE STAKED PRIOR TO THE COMMENCEMENT OF CONSTRUCTION BY CALLING J.U.L.I.E. 811.
- ENVIRONMENTAL AND SUBSURFACE CONDITIONS WERE NOT EXAMINED AS PART OF THIS SURVEY.
- IMPROVEMENTS AND MATTERS OF OCCUPATIONAL EVIDENCE HAVE BEEN LOCATED AND EXAMINED BUT SHOWN HEREON FOR THE PURPOSES OF THIS SURVEY.
- FOR BUILDING RESTRICTIONS AS ESTABLISHED BY LOCAL ORDINANCES NOT SHOWN HEREON, CONSULT YOUR LOCAL MUNICIPAL AUTHORITIES.
- ALL LOT CORNERS WILL BE SET WITH 5/8" REBAR PER THE STATE STATUTE OF ILLINOIS, UNLESS OTHERWISE NOTED.
- THE SURVEYED PARCELS CONTAIN 1.783 ACRES MORE OR LESS.
- THE PLAT OF SUBDIVISION UPON RECORDING SHOULD BE MAILED TO: VILLAGE OF GLEN ELLYN  
535 DUANE STREET  
GLEN ELLYN, IL 60137

REVISED AUGUST 27, 2019 PER VILLAGE COMMENTS

|                |         |                |         |
|----------------|---------|----------------|---------|
| DRAWN: ECC     | CHK'D:  | SHEET          | 1       |
| DESIGNED:      | APPR'D: | OF             | 1       |
| DATE: 5/8/2019 |         | DRAWING NUMBER |         |
| SCALE: 1"=30'  |         |                |         |
| PROJECT NUMBER |         |                |         |
| 1950-7005-90   |         |                | 7005SUB |

**DLZ**  
INDUSTRIAL SURVEYING, INC.  
80 McDONALD AVENUE, UNIT D, JOLIET, IL 61781  
TELEPHONE (815) 725-8840 FAX (815) 725-8841







Historic Preservation Commission  
535 Duane Street  
Glen Ellyn, IL 60137

Meeting: 09/19/19 07:00 PM  
Department: Historic Preservation Commission  
Department Head: Katie Ashbaugh  
Category: Commission Recommendation  
Prepared By: Katie Ashbaugh

SCHEDULED

AGENDA ITEM (ID # 4138)

DOC ID: 4138

## **Preliminary Approval: Exterior Alteration to a Landmarked Property request to allow the construction of a four-story public parking garage on the property located at 535 Duane Street, commonly known as the Glen Ellyn Civic Center**

### **Landmark Background**

On July 28, 1994, the Historical Sites Commission (now the Historic Preservation Commission) made a preliminary determination to designate the property located at 535 Duane Street, commonly known as the Glen Ellyn Civic Center, as a Glen Ellyn Historical/Architectural Landmark. This determination was made with a unanimous recommendation of approval to the Village Board, finding that the subject property met the following criteria:

1. Its value as an example of the architectural, cultural, economic, historic, social or other aspect of the heritage of the Village of Glen Ellyn, the State of Illinois, or the United States;
2. Its exemplification of an architectural type or style distinguished by innovation, rarity, uniqueness or overall quality of design, detail, materials or craftsmanship;
3. Its unique location or distinctive physical appearance or presence representing an established and familiar visual feature of a neighborhood, community or the Village.

On January 20, 1995, the Village Board adopted Ordinance 4214 (Attachment 12) and designated the subject property as a Landmark.

### **History**

In 1927, the Civic Center was originally developed as the Duane Street Junior High School in the colonial revival architectural style. In 1970, the Village purchased the property from School District 41 and subsequently modified the interior for use as the central municipal government office for the Village. In summer of 2019, the Village completed renovations and welcomed the Small Business Development Center and Innovation DuPage as a means of fulfilling initiatives of the 2009 Downtown Strategic Plan. Now, the Civic Center serves as the central hub for residents, students, and local business owners alike.

In 2013, the Village commissioned the Streetscape Plan & Parking Study to complement the Downtown Plan and to further evaluate the existing public realm of the downtown and available parking. Together, each of these plans surmised that although the downtown provides a sufficient amount of parking, the location, visibility and accessibility of available parking does not always match the needs of residents, businesses, shoppers, and commuters.

In December of 2017, to combat this perception of there being a lack of parking in the downtown and to also provide for future parking needs, the Village determined that a parking garage in the downtown was necessary and elected to pursue site alternatives. Six alternative sites for a future parking garage were evaluated, with three being to the north of the Union Pacific West Metra line,

and three being to the south. Of the six sites identified and presented to the Village Board as possible locations, staff narrowed the alternatives to three, being the following: to the north of the Metra line, a property south of the intersection at Crescent and Glenwood; to the south of the Metra line, the Village-owned Main Street parking lot; and a second to the south of the Metra line, behind the Civic Center. The Village Board ultimately concluded that constructing a Village-owned parking garage to the south of the Metra line at the Civic Center site was the best alternative. This site was considered to be the least visible and least obtrusive location of those that were proposed as alternatives. Additionally, the ideal and preferred option of the Village at the time was to construct additional parking via a public private partnership. In early summer of 2018, this opportunity arose with the filing of the application for the Apex 400 redevelopment, which included the Main Street property. This further narrowed the preferred site alternatives to two, resulting in the selected site of 535 Duane Street. In November of 2018, the Village selected the applicant, M.A. Mortenson Co., to develop the plans for the proposed parking garage on the subject property.

### **Existing Conditions**

As described above, the subject property is developed with what is now known as the Civic Center, which is served by an accessory parking lot with 76 parking stalls. The existing parking lot is located to the rear of the Civic Center building, with a row of 90-degree stalls along the east property line, off of the primary access drive from Duane Street. The Civic Center building is a three-story building, with a height of approximately 100 feet measured to the top of the cupola's lightning rod, which sits on top of the clock tower.

### **Proposed Alterations**

M.A. Mortenson Company (the applicant), on behalf of the Village of Glen Ellyn, requests preliminary approval of an Application for an Exterior Alteration to a Landmarked Structure for the property located at 535 Duane Street, commonly known as the Glen Ellyn Civic Center, to allow the construction of a four-story public parking garage on the property.

#### *Civic Center*

No changes are proposed to the exterior of the existing Civic Center building.

The existing access drive to the subject property from Duane Street is proposed to be demolished and shifted approximately 16 feet 10 inches to the west from its current location. It will also be reduced from its current width of 52 feet to a code-compliant 25 feet. The existing surface parking lot is proposed to be demolished in its entirety.

#### *Parking Garage - Proposed*

A four-story public parking garage with a below ground 'tier', for a total of five tiers, is proposed to the south of the existing Civic Center in place of the existing surface parking lot. The total height in feet of the building is approximately 50 feet 7 inches; when including the light poles, approximately 58 feet 7 inches. The parking garage, proposed behind the existing Civic Center building, does not have direct frontage on the public right-of-way and therefore is less visible from the street. Only between 40 and 45 feet of the 220-foot long north façade of the parking garage would be visible from Duane Street, as the majority of the structure is to the rear of the Civic Center and the commercial buildings fronting Main Street.

Although the parking garage has limited visibility from the right-of-way, it has been designed to complement the architecture of the Civic Center through the use of similar building materials and design features. The following primary materials (Attachment 8) are proposed to correspond with the Civic Center:

1. Precast concrete to match Indiana Buff Limestone of the existing Civic Center;
2. Endicott thin brick, in both a running bond and basketweave pattern to match two of the Civic Center patterns; and
3. Black metal light fixtures (Attachment 10)

In conjunction with the above similar materials, the following design elements further relate the parking garage to the Civic Center:

1. Architectural articulation and basketweave patterned brick in the wall panels of the façade to reduce the appearance of building mass;
2. Multi-light mullion windows;
3. Detailed imitation-limestone cornices along the rooflines (pre-cast concrete); and
4. Tall narrow fenestration arranged in an evenly spaced horizontal pattern.

### **Staff Review**

In accordance with Section 2-13-10, staff reviewed the Application and evaluated its effect on the Landmarked Property. Taking into consideration the proposed location of the parking garage as it relates to the existing Civic Center and the rest of the downtown, in addition to the proposed primary materials and design features tying the proposed parking garage to the Civic Center, staff makes the following findings:

1. That the property will continue to be used in a manner consistent with its existing use, being a public use with required accessory parking and a public parking facility for the visitors, employees, and commuters to downtown Glen Ellyn;
2. That through the siting of the parking garage to the rear of the subject property and its limited visibility from the right-of-way, in combination with the complimentary primary materials, the historic character of the property shall be retained and preserved;
3. That no historic materials or architectural resources will be removed from or altered on the subject property;
4. That the proposed modern building materials, being pre-cast concrete and thin brick, serve as a physical record of the construction methods used during the current 21<sup>st</sup> century while maintaining visual compatibility with the existing Civic Center; and
5. That the parking garage, in being compatible new construction, does not destroy the existing historic character of the Civic Center and is appropriate in terms of massing, size, scale, and architectural features to protect the historic integrity of the property as a whole.

### **Staff Recommendation**

In accordance with Section 2-13-10(C)(1) of the Village Code, staff finds that the subject Application to allow the construction of the proposed parking garage on the Landmarked Property

meets the following criteria:

1. That the Alteration to the property will not adversely affect any significant historical or architectural feature of the Landmarked Property;
2. That the Alteration meets the applicable Standards for Rehabilitation set forth by the United States Secretary of the Interior, 36 CFR 67, as amended, in that there is no alteration proposed to the Civic Center structure itself; and
3. That the Alteration to the property has followed the Commission's published procedures and regulations.

Therefore, in accordance with the above findings and criteria being met, staff recommends preliminary approval of the subject Application.

### **Commission Action Requested**

The Commission shall review the Application for Exterior Alteration of a Landmarked Property and determine if the proposed work will adversely affect or destroy any significant historical or architectural feature of the Landmarked Property. The Commission is asked to make a preliminary approval or disapproval of the subject request.

### **Attachments**

1. Application
2. Proof of Ownership
3. Plat of Survey (Existing Conditions)
4. Photos - Existing Conditions
5. Aerial Photo
6. Proposed Site Plan
7. Proposed Elevations
8. Proposed Materials
9. Renderings
10. Light Fixture Specs
11. Window and Door Specs
12. Ordinance 4214

CC: Staci Springer, Community Development Director  
Kelly Purvis, Planner  
Cole Jackson, Associate Planner

### **ATTACHMENTS:**

- 1. Application (PDF)
- 2. Proof of Ownership (PDF)
- 3. Plat of Survey (Existing Conditions) (PDF)
- 4. Photos - Existing Conditions (PDF)
- 5. Aerial Photo (PDF)

## Agenda Item (ID # 4138)

Meeting of September 19, 2019

- 6. Proposed Site Plan (PDF)
- 7. Proposed Elevations (PDF)
- 8. Proposed Materials (PDF)
- 9. Renderings (PDF)
- 10. Light Fixture Specs (PDF)
- 11. Window and Door Details (PDF)
- 12. Ordinance 4214 (PDF)



## Village of Glen Ellyn

### Exterior Alteration to Landmarked Property Overview

Exterior alterations to landmarked properties may require approval by the Historic Preservation Commission. This approval must be obtained prior to the issuance of a building permit. To find out if your project is subject to Commission review, please refer to the attached *Commission Review Requirements* informational sheet.

#### Application Procedure Outline

1. Pre-application meeting with Planning & Development Department;
2. Preparation of application packet;
3. Review by the Historic Preservation Commission at a public meeting;
4. Submittal of building permit application, if approved;
5. If denied, you may appeal to the Village Board.

Total estimated time frame for review: 1 Month

#### Standards for Approval of Proposed Exterior Alterations

1. All proposed work must not adversely affect any significant historical or architectural feature of the property or district.
2. All proposed work should be in accordance with the standards for rehabilitation set forth by the United States Secretary of the Interior Standards for Rehabilitation (attached).

#### Submission Requirements

The following information must be submitted with the application. Applications will be reviewed by the Historic Preservation Commission using the Standards for Exterior Alteration outlined above.

- ☒ Cover Letter or Narrative Statement describing project
- ☐ Deed or other Proof of Ownership
- ☐ Affidavit of Authorization, if an owner representative plans to attend the public meeting
- ☐ Disclosure of Interest, If property owned by trust, corporation, or other similar entity
- ☒ Existing Elevation Picture or Elevation of Home
- ☒ Elevation depicting proposed improvements
- ☒ List of Building Materials and Colors. Sample materials may need to be brought to the meeting.
- ☒ Cut Sheets of windows, doors, and other similar features
- ☐ Any other information requested by the Planning & Development Director and needed to describe or depict the proposed improvements

**Note:** The Historic Preservation Commission meets the 3<sup>rd</sup> Thursday of every month at 7:00 pm in the Civic Center, 535 Duane Street, Room 301.

For further questions or concerns regarding this application process, please contact the Village of Glen Ellyn Planning and Development Department at 630.547.5250.





CLEAR PAGE

Village of Glen Ellyn

**Application for Exterior Alteration to Landmarked Property**CONTACT INFORMATION:Applicant Name: M.A. Mortenson CompanyPhone: 847.981.8600

Fax: \_\_\_\_\_

Email: candace.small@mortenson.com

Property Owner Name

(if different from applicant): Village of Glen Ellyn / Bill HolmerPhone: 630.547.5212Fax: 630.469.8849Email: wholmer@glenellyn.org

Others Involved in Project (include name, address, and phone number)

Architect: Walker Consultants, 2895 Greenspoint Parkway, Hoffman Estates, IL 60169; 847.697.2640  
Shive-Hattery, 57 Franklin Street, Valparaiso, IN 46383; 219.476.1400

Attorney: \_\_\_\_\_

Builder: M.A. Mortenson Company, 300 Park Blvd, Itasca, IL 60143PROJECT DESCRIPTION:

Describe, in detail, all proposed work. Attach additional sheets, and photographs, as necessary.

See next page.

CERTIFICATIONS, CONSENT & SIGNATURE(S)

I (We) certify that all of the statements and documents submitted as a part of this application are true and complete to the best of my (our) knowledge and belief.

I (We) consent to the entry in or upon the premises described in the application by any authorized official of the Village of Glen Ellyn.

  
 \_\_\_\_\_  
 Signature of Applicant(s)

  
 \_\_\_\_\_  
 Date Filed

Attachment: 1. Application (4138 : 535 Duane Street - Exterior Alteration of Landmarked Property - New Construction)

Narrative Statement

The project consists of a new parking garage including five tiers of parking (one below grade and four above grade) for 277 vehicles. Total added parking for the development is 209 stalls. The parking garage is tucked behind the existing Civic Center building. The area of the proposed development currently exists as a surface parking lot; therefore, the usage of the area will remain the same and will be enhanced. Being directly to the rear of the Civic Center, and to the rear of the existing Downtown commercial buildings, the property is likely undevelopable as any other use; maximizing the use of the property to provide parking can free up other parcels of land in the Downtown to be used as revenue generating developments.

The proposed parking ramp will be harmonious and appropriate with the existing character of the downtown by:

1. Compatibility with the downtown in its design, and by taking inspiration from the surrounding architecture, most significantly, the Civic Center.
2. Providing design quality, by the incorporation of a historic vocabulary and use of quality materials such as clay brick masonry and precast concrete created to emulate limestone of the adjacent architecture.
3. Reflecting the unique identity of the historic structures of the Village, and the atmosphere of the downtown, by utilizing features which reduce building mass such as architectural articulation, window patterns, and similar architectural and functional elements, and by reflecting the style of the Civic Center by richly detailed cornices, and changes in materials to compliment the character of the Civic Center.

The Civic Center provided the inspiration for the following architectural style elements on the parking garage:

1. Strong projecting cornice near the top of the structure.
2. Articulated belt course.
3. Tall narrow fenestration arranged in a evenly spaced horizontal pattern.
4. Articulated feature panels above and below openings.
5. Multi-paned window mullion patterns.

Of the various architectural styles in Glen Ellyn, the proposed Parking Garage most closely emulates the architecture of the Civic Center, due to its proximity and similar massing.

Building Materials and Colors

The parking garage consists of the following materials:

1. Precast concrete to match Indian Buff Limestone on the Glen Ellyn Civic Center Duane Street facade.
2. Thin brick, in both a running bond and basketweave pattern. Brick to match the Glen Ellyn Civic Center brick.
3. Aluminum windows with a clear anodized finish to match the Civic Center windows. Many of the windows will be open to the exterior with no glass to allow ventilation into the garage.
4. Clear glazing and gray spandrel glass (when required to conceal wall or structure beyond).
5. Metal louvers, silver metallic in color when required for ventilation into the garage.
6. Metal light fixtures, black in color, to match existing light fixtures on the Civic Center.

36 CFR 67.7 Standards for Rehabilitation

The existing Civic Center building will not be modified. Per 36 CFR 67.7 Standards for Rehabilitation (b) (9) and (10), the related new construction will not destroy the historic materials that characterize the property. The related new construction will be compatible with the architectural features of the Civic Center and undertaken in such a manner if removed the integrity of the historic property will not be impacted.

## AFFIDAVIT OF AUTHORIZATION

I, Mark Franz, Village Manager of the Village of Glen Ellyn, a municipal corporation, owner of the properties commonly known as 423 N. Main Street and 535 Duane Street, Glen Ellyn, Illinois, legally described as follows:

423 N. MAIN STREET, GLEN ELLYN, IL 60137

THE EAST 29.2 FEET OF THE NORTH 11.1 FEET OF THE SOUTH 62.83 FEET AND THE EAST 41.7 FEET OF THE SOUTH 51.73 FEET AND ALSO THE SOUTH 22.5 FEET OF THE WEST 24.3 FEET OF LOT 5 IN BLOCK 12 OF THE COUNTY CLERK'S 5<sup>TH</sup> ASSESSMENT DIVISION, IN THE VILLAGE OF GLEN ELLYN, IN THE SOUTHWEST  $\frac{1}{4}$  OF SECTION 11, TOWNSHIP 39 NORTH, RANGE 10, EAST OF THE THIRD PRINCIPAL MERIDIAN, ACCORDING TO THE PLAT THEREOF RECORDED JULY 13, 1906 AS DOCUMENT NO. 88055, IN DUPAGE COUNTY, ILLINOIS.

PIN: 05-11-328-003

535 DUANE STREET, GLEN ELLYN, IL 60137

LOTS 3 AND 4 IN BLOCK 12 IN COUNTY CLERK'S FIFTH ASSESSMENT DIVISION, IN SECTION 11, TOWNSHIP 39 NORTH, RANGE 10, EAST OF THE THIRD PRINCIPAL MERIDIAN, ACCORDING TO THE PLAT THEREOF RECORDED JULY 3, 1906 AS DOCUMENT NO. 88055, IN DUPAGE COUNTY, ILLINOIS;

LOT 1 (EXCEPT THE SOUTH 19.96 FEET OF THE WEST 212.80 FEET THEREOF AND EXCEPT THE WEST 100.00 FEET THEREOF) IN SUBDIVISION OF LOT 6 IN BLOCK 12 IN ASSESSMENT DIVISION OF SECTION 11, TOWNSHIP 39 NORTH, RANGE 10, EAST OF THE THIRD PRINCIPAL MERIDIAN, IN DUPAGE COUNTY, ILLINOIS.

PIN: 05-11-328-024

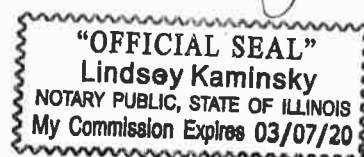
verify that William Hauer, Assistant Village Manager, and M. A. Mortenson C. is duly authorized to apply and represent my interests before the Glen Ellyn Plan Commission, Zoning Board of Appeals and/or Village Board of Trustees. Owner acknowledges that any notice given applicant is actual notice to owner.

Mark Franz  
OWNER SIGNATURE

Subscribed and sworn to before me this

1 day of August, 20 19

Lindsey Krumly  
Notary Public





RECORDED  
DU PAGE COUNTY

FEB 2 11 15 A 73

R73- 6182

*Gaye K. Kuehl*

ESCROW NO.

WARRANTY DEED

The grantor(s) John D. LaRussa and Bonnie J. LaRussa, his wife,

of the City of Park Ridge County of Cook State of Illinois for and in consideration of TEN DOLLARS, and other good and valuable consideration in hand paid, CONVEY(S) and WARRANT(S) to the Village of Glen Ellyn, a municipal corporation created and existing under and by virtue of the laws of the State of Illinois, having its principal office in the Village of Glen Ellyn and State of Illinois, the following described real estate, situated in the County of DuPage, in the State of Illinois, to-wit:

Lot 15 in Block 46  
in Wheaton Estates, a subdivision in the North east Quarter of Section 22, Township 39 North, Range 10 East of the Third Principal Meridian, according to the plat thereof recorded September 12, 1924, as document 182391,

hereby releasing and waiving all rights under and by virtue of the Homestead Exemption Laws of the State of Illinois.

Subject to general taxes for the year(s) 1972 and subsequent years

DATED, this 29 day of January 1973

*John D. LaRussa* (SEAL)

*Bonnie J. LaRussa* (SEAL)

\_\_\_\_\_ (SEAL)

\_\_\_\_\_ (SEAL)

STATE OF Illinois ) ss  
COUNTY OF Cook )

I, the undersigned, a notary public in and for the said county, in the state aforesaid, DO HEREBY CERTIFY that

John D. LaRussa and Bonnie J. LaRussa, his wife,

personally known to me to be the same person(s) whose name(s) are subscribed to the foregoing instrument, appeared before me this day in person, and acknowledged that they signed, sealed and delivered the said instrument as their free and voluntary act, for the uses and purposes therein set forth, including the release and waiver of the right of homestead.

GIVEN under my hand and official seal, this 29 day of January

*Michael Herman*

Notary Public

My commission expires: 11-7-74

RECORDER:

Please return deed to  
J. Edgar Kelly, Village Attorney

CHICAGO TITLE AND TRUST COMPANY

535 Duane Street, Glen Ellyn, IL. 60137

ESCROW NO.

Exempt under provisions of Paragraph (b), Section 4,  
Real Estate Transfer Tax Act.

2/1/73  
(Date)

*J. Edgar Kelly*  
(Village Attorney)



RECORDED  
DU PAGE COUNTY

FEB 2 11 15 A 73

R73- 6182

*Gaye K. Kuehl*

ESCROW NO.

WARRANTY DEED

The grantor(s) John D. LaRussa and Bonnie J. LaRussa, his wife,

of the City of Park Ridge County of Cook State of Illinois for and in consideration of TEN DOLLARS, and other good and valuable consideration in hand paid, CONVEY(S) and WARRANT(S) to the Village of Glen Ellyn, a municipal corporation created and existing under and by virtue of the laws of the State of Illinois, having its principal office in the Village of Glen Ellyn and State of Illinois, the following described real estate, situated in the County of DuPage, in the State of Illinois, to-wit:

Lot 15 in Block 46  
in Wheaton Estates, a subdivision in the North east Quarter of Section 22, Township 39 North, Range 10 East of the Third Principal Meridian, according to the plat thereof recorded September 12, 1924, as document 182391,

hereby releasing and waiving all rights under and by virtue of the Homestead Exemption Laws of the State of Illinois.

Subject to general taxes for the year(s) 1972 and subsequent years

DATED, this 29 day of January 1973

*John D. LaRussa* (SEAL)

*Bonnie J. LaRussa* (SEAL)

\_\_\_\_\_ (SEAL)

\_\_\_\_\_ (SEAL)

STATE OF Illinois ) ss  
COUNTY OF Cook )

I, the undersigned, a notary public in and for the said county, in the state aforesaid, DO HEREBY CERTIFY that

John D. LaRussa and Bonnie J. LaRussa, his wife,

personally known to me to be the same person(s) whose name(s) are subscribed to the foregoing instrument, appeared before me this day in person, and acknowledged that they signed, sealed and delivered the said instrument as their free and voluntary act, for the uses and purposes therein set forth, including the release and waiver of the right of homestead.



GIVEN under my hand and official seal, this 29 day of January

*Michael Herman*  
Notary Public

My commission expires: 11-7-74

3 pd

Exempt under provisions of Paragraph (b), Section 4, Real Estate Transfer Tax Act.

2/1/73  
(Date)

*J. Edgar Kelly*  
(Village Attorney)

RECORDER:

Please return deed to  
J. Edgar Kelly, Village Attorney  
CHICAGO TITLE AND TRUST COMPANY  
DU PAGE DIVISION  
535 Duane Street, Glen Ellyn, IL. 60137  
ESCROW NO.



EXHIBIT 1

QUIT CLAIM DEED  
ILLINOIS STATUTORY

R96 133067

96 AUG 12 PM 2:00

RECORDER  
DU PAGE COUNTY

*[Signature]*

MAIL TO:

Paul R. Miller  
Village of Glen Ellyn  
535 Duane Street  
Glen Ellyn, IL 60137-4699

NAME & ADDRESS OF TAXPAYER:

Village of Glen Ellyn  
535 Duane Street  
Glen Ellyn, IL 60137-4698

RECORDER'S STAMP

THE GRANTOR(S) Board of Education of School District No. 41  
of the Village of Glen Ellyn County of DuPage State of Illinois  
for and in consideration of Ten (\$10.00) DOLLARS  
and other good and valuable considerations in hand paid,  
CONVEY(S) AND QUIT CLAIM(S) to the Village of Glen Ellyn, a municipal corporation

(GRANTEE'S ADDRESS) 535 Duane Street  
of the Village of Glen Ellyn County of DuPage State of Illinois  
all interest in the following described real estate situated in the County of DuPage, in the State of Illinois,  
to wit:

15  
2  
K

Lot 4 in Block 12 in County Clerk's Fifth Assessment Division, in  
Section 11, Township 39 North, Range 10, East of the Third Principal  
Meridian in DuPage County

NOTE: If additional space is required for legal - attach on separate  
8-1/2" x 11" sheet with a minimum of 1/2" clear margin on all sides.

hereby releasing and waiving all rights under and by virtue of the Homestead Exemption Laws of the State of Illinois.

Permanent Index Number(s): 05-11-328-024  
Property Address: 535 Duane Street, Glen Ellyn, Illinois 60137-4699

Dated this 15th day of July 1996  
(Seal) *[Signature]* (Seal)  
Dean E. Clark - President, Board of Education  
(Seal) *[Signature]* (Seal)  
Scott R. Baldwin - Secretary, Board of Education

NOTE: PLEASE TYPE OR PRINT NAME BELOW ALL SIGNATURES

COMPLIMENTS OF  Chicago Title Insurance Company

CTIC Form No. 1160

Attachment: 2. Proof of Ownership (438 : 535 Duane Street - Exterior Alteration of Landmarked Property - New Construction)



STATE OF ILLINOIS } ss.  
County of DuPage }

I, the undersigned, a Notary Public in and for said County, in the State aforesaid, CERTIFY THAT  
Dean E. Clark and Scott R. Baldwin  
personally known to me to be the same person s whose names are subscribed to the foregoing instrument,  
appeared before me this day in person, and acknowledged that he/ they signed, sealed and delivered the  
instrument as their free and voluntary act, for the uses and purposes therein set forth, including the release and waiver of the  
right of homestead.\*

Given under my hand and notarial seal, this 15th day of July, 19 96.

My commission expires on September 28, 19 98.

Virginia E Sturm  
Notary Public

OFFICIAL SEAL  
VIRGINIA E STURM  
NOTARY PUBLIC STATE OF ILLINOIS  
MY COMMISSION EXP. SEPT 28, 1998

IMPRESS SEAL HERE

Du Page COUNTY - ILLINOIS TRANSFER STAMP

\* If Grantor is also Grantee you may want to strike Release & Waiver of Homestead Rights.

NAME AND ADDRESS OF PREPARER:

Mark A. Balkin  
140 South Dearborn  
Chicago, IL 60603

EXEMPT UNDER PROVISIONS OF PARAGRAPH

B SECTION 4,

REAL ESTATE TRANSFER ACT

DATE: 8-7-96

[Signature]  
Signature of Buyer, Seller or Representative

\*\* This conveyance must contain the name and address of the Grantee for tax billing purposes: ( 55 ILCS 5/3-5020)  
and name and address of the person preparing the instrument: ( 55 ILCS 5/3-5022).

R96-133067

QUIT CLAIM DEED  
ILLINOIS STATUTORY

FROM

Board of Education of School  
District No. 41

TO

Village of Glen Ellyn, a  
municipal corporation







Attachment: September 19, 2014

4 - Existing Elevation Photos

Attachment: 4. Photos - Existing Conditions (4138 : 535 Duane



Existing Civic Center Photo

## 4 - Existing Elevation Photos

Attachment: September 19, 2019 Historic Preservation K.L.L.B.



Attachment: 4. Photos - Existing Conditions (4138 : 535 Duane

Existing Civic Center Photo



#### 4 - Existing Elevation Photos

Attachment: September 19, 2019 Historic Preservation Meeting



Attachment: 4. Photos - Existing Conditions (4138 : 535 Duane

Booklet Pg. 533

Existing Civic Center Photo





Sushi Ukai

Glen Ellyn Civic Center

Dunkin'

Bellas Artes  
School of Music

Civic Center Lot

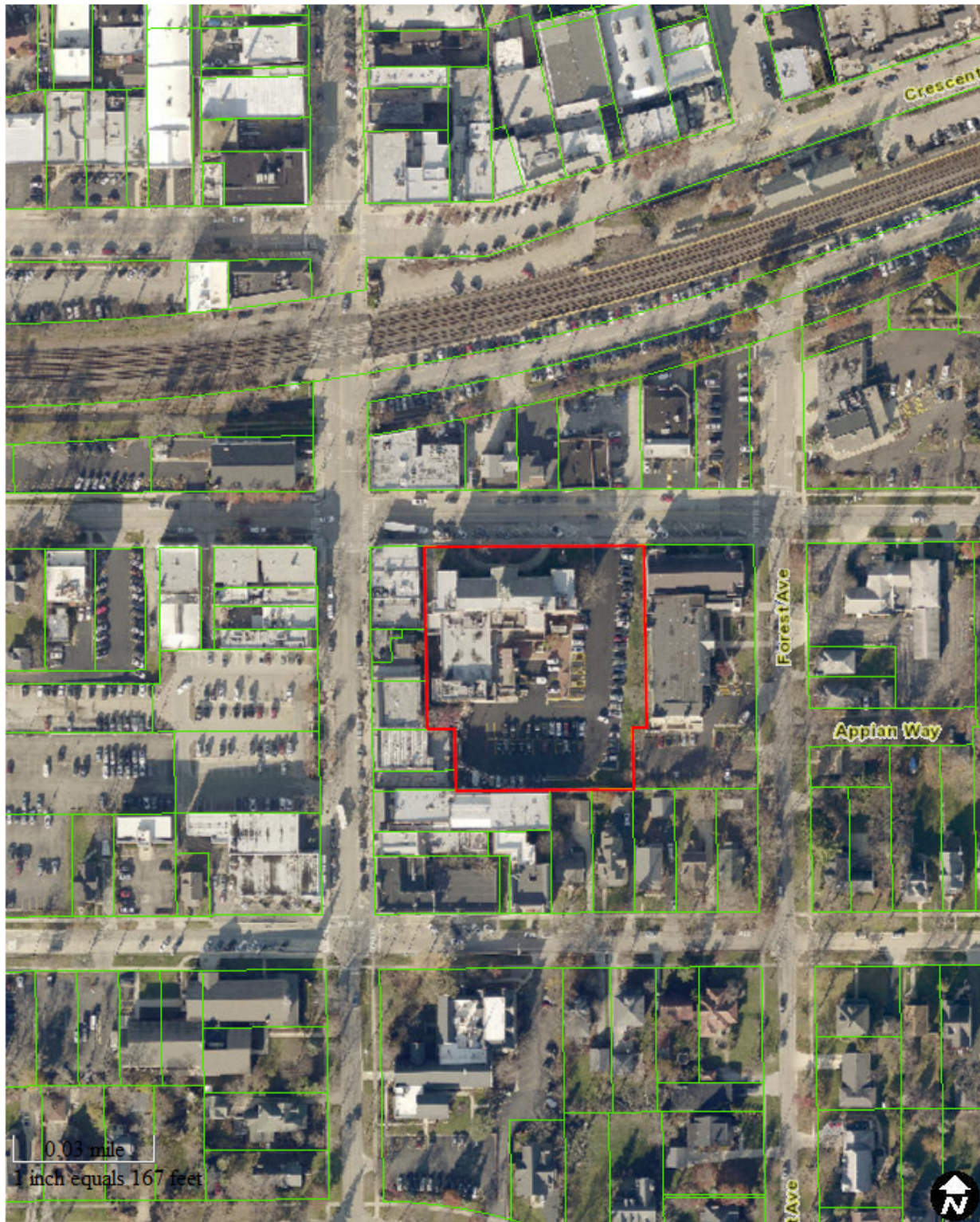
Existing Civic Center Parking Lot

Attachment: 4. Photos - Existing Conditions (4138 : 535 Duane Street - Exterior Alteration of





## Aerial Photo



Map created on September 12, 2019.

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The GIS Consortium and MGP Inc. are not liable for any use, misuse, modification or disclosure of any map provided under applicable law.

Disclaimer: This map is for general information purposes only. Although the information is believed to be generally accurate, errors may exist and the user should independently confirm for accuracy. The map does not constitute a regulatory determination and is not a base for engineering design. A Registered Land Surveyor should be consulted to determine precise location boundaries on the ground.



|       |        |       |
|-------|--------|-------|
| TOTAL | 49,495 | 2,315 |
|-------|--------|-------|

7.662 24. S<sub>0</sub> Et (1.78 Ac)

- \* Gross Site Area = 77,662.24 Sq. Ft. (1.76 AC.)
- \* Common Open Space = 6,870 Sq. Ft.
- \* Total Gross Floor Area of Parking Structure (Parking) = 108,977 Sq. Ft.
- \* Total Gross Floor Area of Existing Civic Center (Office) = 45,208 Sq. Ft.
- \* Floor Area Ratio: FAR = 154.183/77,662.24 = 1.99
- \* Parking - New Lots On Site:
- \*\* Parking Structure: 277 Stalls
- \*\* North Surface Lot: 10 Stalls
- \*\* Parking - Lost Lots On Site:
- \*\* Existing Surface Lot: 75 Stalls
- \* Parking - Net Parking Gain On Site:
- \*\* Civic Center Parking: 212 Stalls
- \* Parking On-street:
- \*\* Lost Lots On Duane Due To Project (Note Count is Same Under Existing Conditions And Future Streetscape Conditions): 1 Stall
- \*\* Lost Lots On Main Due To Project (Note Count is Same Under Existing Conditions And Future Streetscape Conditions): 2 Stalls
- \* Parking - Civic Center - On-street:
- \*\* Net Stall Increase For Village Of Glen Ellyn Parking To Garage Project = 209 Stalls
- \* Parking - Number of Parking Stalls Required per Section 10-4-17(2-G):
- \*\* Civic Center = 45,206 Sq. Ft./250 Sq.Ft./stall = 181 Stalls

Dimensions Contained Herein Reference Back O

1. All Dimensions Contained Herein Reference Back Of Curb, Face of Retaining Wall, Edge Of Pavement, Center Of Structure And Outside Face Of Building Foundation Unless Otherwise Noted.
2. All Pavement Striping Shall Be 4" Wide Yellow Point Per Specifications. All Cross Hatch Striping Shall Be 45° At 2'-0" Centers.
3. All Accessible Parking Signs (R7-8) Must Be Placed at the Center of the Space and Within 5 Feet of the Space.
4. Refer to Architectural Drawings for Exact Locations of All Buildings.
5. Refer to Architectural Drawings for Locations and Details of All Permanent Site Fencing.
6. Traffic Sign Posts Shall Be Breakaway Green U-Channel Posts, 11 Gauge Steel, Embedded 42" Minimum Into Ground.



## LEGEND

| EXISTING              |                                         | PROPOSED |
|-----------------------|-----------------------------------------|----------|
|                       | Manhole                                 |          |
|                       | Catch Basin                             |          |
|                       | Inlet                                   |          |
|                       | Area Drain                              |          |
|                       | Clean Out                               |          |
|                       | Flared End Section                      |          |
|                       | Storm Sewer                             |          |
|                       | Sanitary Sewer                          |          |
|                       | Combined Sewer                          |          |
|                       | Water Main                              |          |
|                       | Gas Line                                |          |
|                       | Overhead Wires                          |          |
|                       | Electrical Cable (Buried)               |          |
|                       | Telephone Line                          |          |
|                       | Fire Hydrant                            |          |
|                       | Valve Vault                             |          |
|                       | Buffalo Box                             |          |
|                       | Fire Department Connection              |          |
|                       | Downspout                               |          |
|                       | Bulford                                 |          |
|                       | Gas Valve                               |          |
|                       | Gas Meter                               |          |
|                       | Electric Meter                          |          |
|                       | ComEd Manhole                           |          |
|                       | Hand Hole                               |          |
|                       | Light Pole                              |          |
|                       | Light Pole w/<br>Mast Arm               |          |
|                       | Utility Pole                            |          |
|                       | Telephone Pedestal                      |          |
|                       | Telephone Manhole                       |          |
|                       | Sign                                    |          |
|                       | Fence                                   |          |
|                       | Accessible<br>Parking Stall             |          |
|                       | Curb & Gutter                           |          |
|                       | Depressed Curb                          |          |
|                       | Curb Elevation                          |          |
|                       | Gutter Elevation                        |          |
|                       | Pavement Elevation                      |          |
|                       | Sidewalk Elevation                      |          |
|                       | Ground Elevation                        |          |
|                       | Top Retaining Wall Elevation            |          |
|                       | Swale                                   |          |
|                       | Contour Line                            |          |
|                       | Deciduous Tree                          |          |
|                       | Coniferous Tree                         |          |
|                       | Burlinthe                               |          |
|                       | Tree Protection<br>Fencing at Drip Line |          |
| <b>PHASE BOUNDARY</b> |                                         |          |

## PAVING & SURFACE LEGEND

|                                                                                       |                                                                                                                                                               |
|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | <p><b>Asphalt Pavement Section in Right-Of-Way</b><br/>Match Existing Pavement Section or Restore per Village of Glen Ellyn Roadway Patching Requirements</p> |
|  | <p><b>Concrete Driveway Section</b><br/>8" Portland Cement Concrete<br/>Fiber Mesh Reinforcement<br/>8" Aggregate Base Course, Type B, Crushed</p>            |
|  | <p><b>Concrete Sidewalk Section</b><br/>5" Portland Cement Concrete<br/>Fiber Mesh Reinforcement<br/>4" Aggregate Base Course, Type B, Crushed</p>            |
|  | <p><b>Permeable Paver Section</b><br/>Refer to Section Details</p>                                                                                            |

⇒

**Stormwater Overland Flow Path**

## GENERAL NOTES

3. The Location of Existing Underground Utilities, Such As Watermains, Sewers, Gas Lines, Etc., As Shown On The Drawings. Has Been Determined By The Best Available Information and is Given For The Convenience Of The Contractor. However, The Owner and The Engineer Do Not Assume Any Responsibility For The Accuracy Of The Construction, Utilities Other Than Those Shown May Be Encountered, and That The Actual Location Of These Which May Differ From The Location As Shown On The Drawings. Contact Engineer Immediately If Surface Features or Construction Features Are Differently Shown On The Drawings.
2. Notify The Engineer Without Delay of Any Discrepancies Between the Drawings and Existing Field Conditions.
3. Notify The Engineer, Advance and the Village of Glen Ellyn A Minimum of 48 Hours In Order of Performing Any Work.
4. All Areas, On or Off Site, Disturbed During Construction Operations and Not Left In Original Condition to The Satisfaction Of The Owner or An Additional cost to The Owner. It is the Responsibility of The Contractor To Restore The Disturbed Areas Not Disturbed By Construction Operations.
5. These Drawings Assume That The Contractor Will Utilize An Electronic Drawing File (DWG) and Stake All Site Improvements Accordingly.
6. No Person May Utilize The Information Contained Within These Drawings Without The Approval From Eriksen Engineering Associates, Ltd.
7. The Engineer is Furnishing These Drawings For Contractor Purposes As A Convenience To The Owner, Architect, Engineer, Contractor, or Consultant. These Drawings Are Not Drawings For Construction Purposes, The User Of This Media Shall Verify All Dimensions And Locations Of Features Shown On The Drawings With The Actual Structural Site Plan, and Coordinate All Dimensions and Locations of Features Shown On The Drawings With The Actual Site Information Shall Contact The Engineer Immediately.
8. Provide An As-Built-Working Survey Prepared By A Licensed Professional Land Surveyor In Accordance With The Illinois Surveying Act, Chapter 120, Section 1-1, And A Minimum All Detention Basins and Best Management Practices, Calculate All Storm and Sanitary Sewers, Structures, Ponds, Storm Run-off, and Detention Basins, Detention Volume Calculations For The Basin(s), Watermain and Water and Appurtenances Locations.
9. The Illinois Department Of Transportation Standard Specifications For Roadway Construction, 2003 Edition, And All Addenda Thereto, Shall Govern The Earthwork And Paving Work Under This Contract Unless Otherwise Stated.



**Mortenson**  
M. A. MORTENSON COMPANY

300 Park Boulevard, Suite 100  
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Civil Engineering / Landscape Architecture

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Graylake, IL 60030  
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EXPIRATION DATE: 11.30.19



VILLAGE OF GLEN ELLYN  
PUBLIC PARKING GARAGE

535 Duane Street  
Glen Ellyn, IL 60137

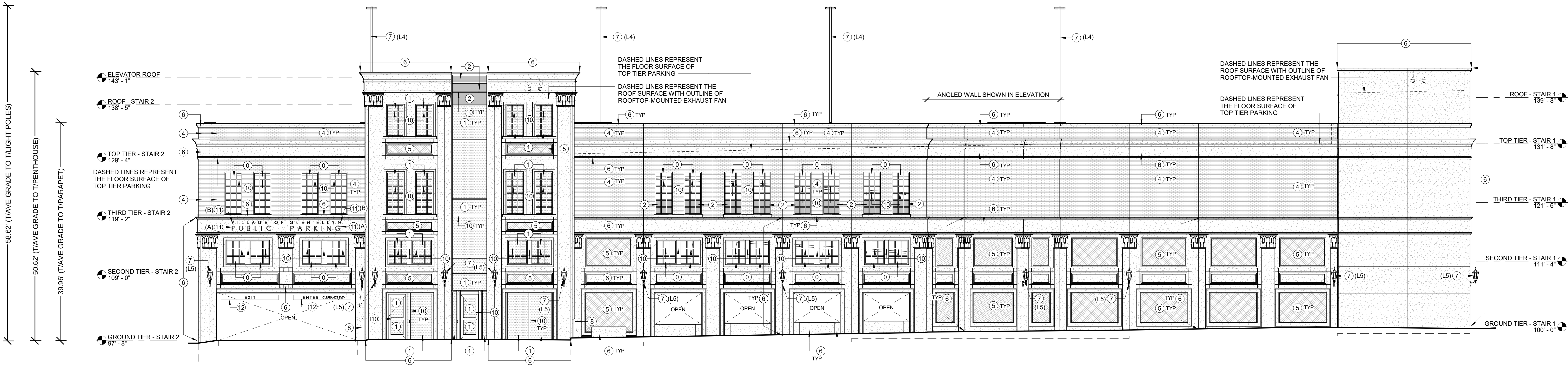
[illegible]

|                                                                                                                                                                    |                       |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|
| ISSUE:                                                                                                                                                             | ZONING RESUBMITTAL #3 |
| ISSUE DATE:                                                                                                                                                        | 08/29/2019            |
| PROJECT NO:                                                                                                                                                        | 31-8445.00            |
| DRAWN BY:                                                                                                                                                          | TOB                   |
| CHECKED BY:                                                                                                                                                        | SC                    |
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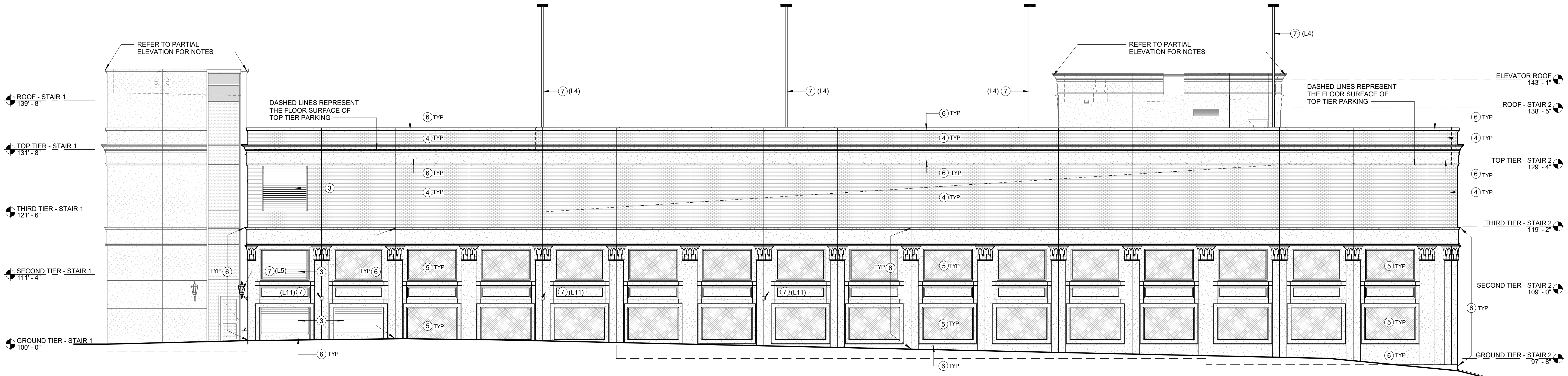
SHEET TITLE:  
GLEN ELLYN CIVIC CENTER  
CAMPUS FINAL PLANNED UNIT  
DEVELOPMENT PLAN – PHASE 1

C-200

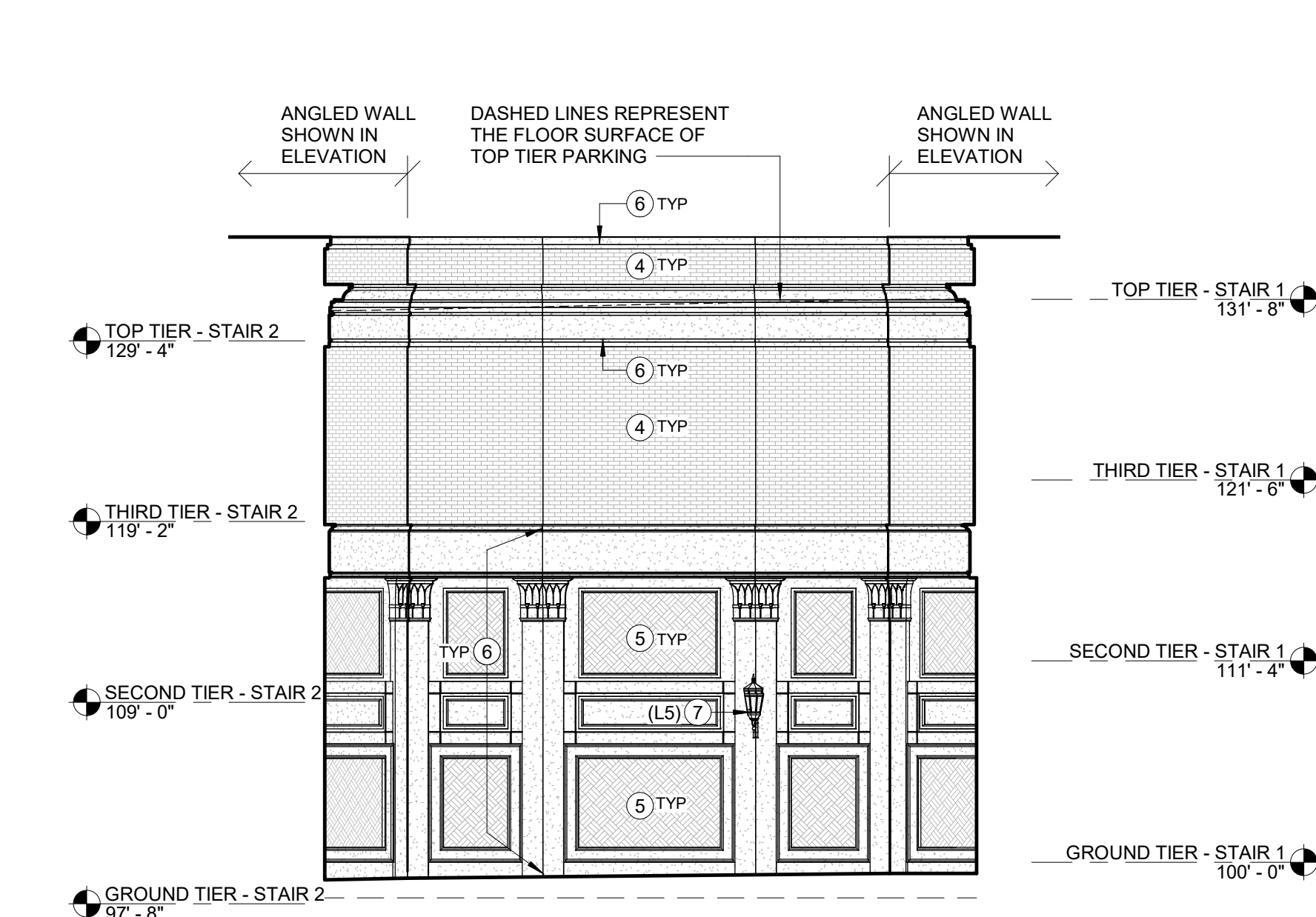




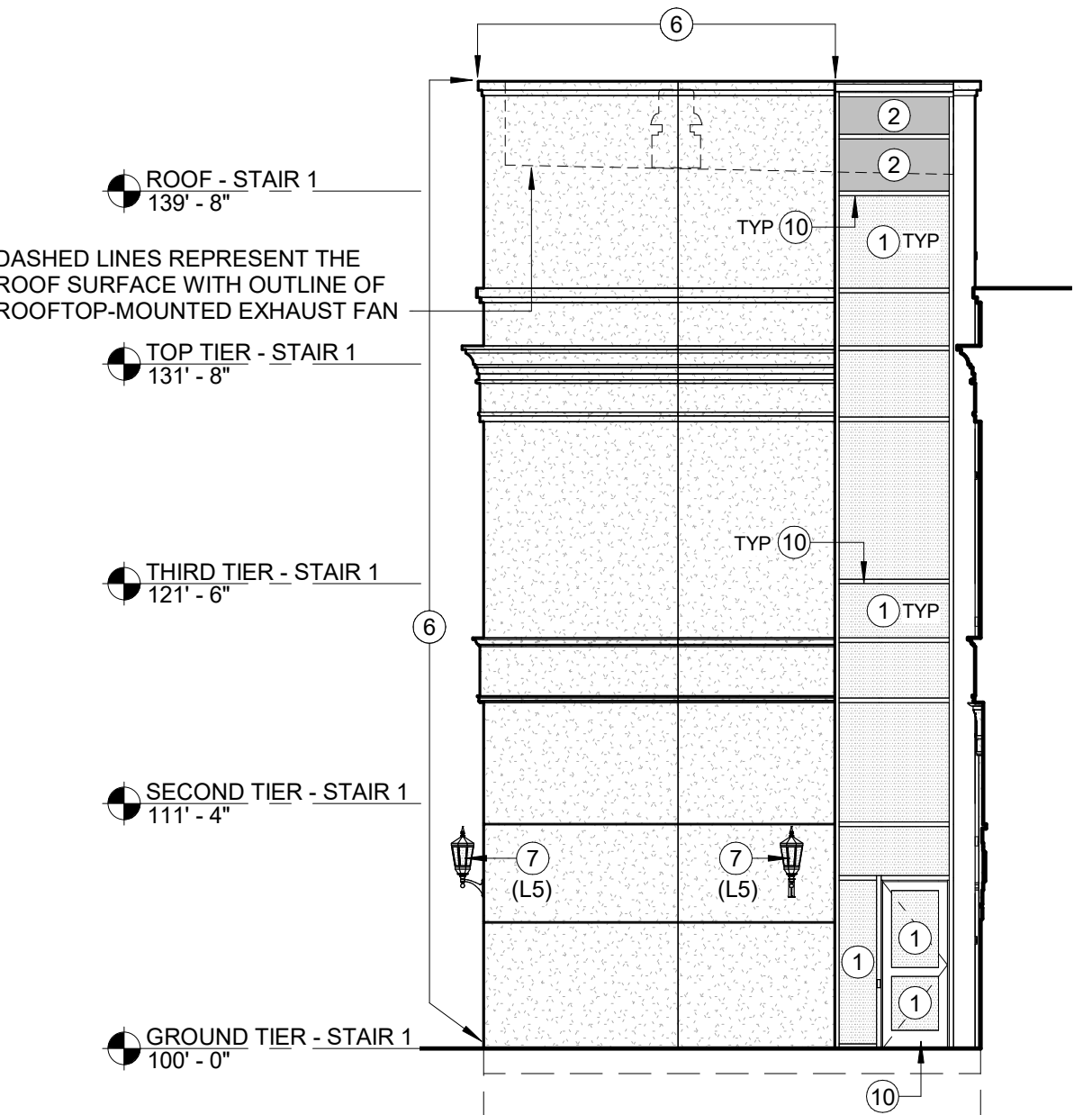
1 NORTH ELEVATION  
1/8" = 1'-0" 0' 12'



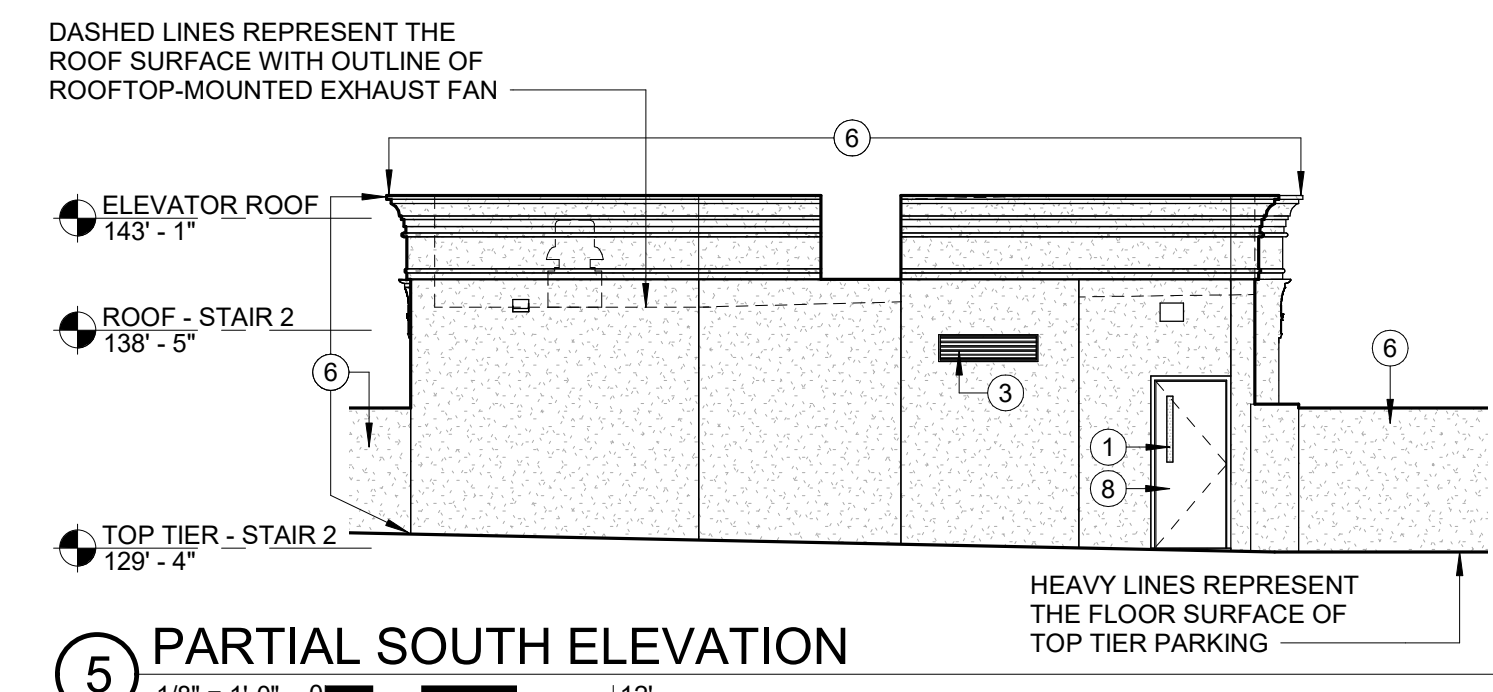
2 SOUTH ELEVATION  
1/8" = 1'-0" 0' 12'



3 PARTIAL NORTH ELEVATION  
1/8" = 1'-0" 0' 12'



4 PARTIAL SOUTH ELEVATION  
1/8" = 1'-0" 0' 12'



5 PARTIAL SOUTH ELEVATION  
1/8" = 1'-0" 0' 12'

| EXTERIOR ELEVATION LEGEND |                                   |                                                                                                                                    |                      |                                                                                                   |
|---------------------------|-----------------------------------|------------------------------------------------------------------------------------------------------------------------------------|----------------------|---------------------------------------------------------------------------------------------------|
| MATERIAL SHADING          | MATERIAL                          | COLOR                                                                                                                              | MATERIAL SPEC        | PURPOSE                                                                                           |
| NO PATTERN                | OPEN FRAME - NO GLASS             | NONE                                                                                                                               | (0)                  | OPEN AIR FROM EXTERIOR INTO GARAGE STRUCTURE                                                      |
|                           | 1/4" THICK CLEAR GLAZING          | CLEAR                                                                                                                              | (1)                  | GLASS AT STAIR & ELEVATOR TOWER WINDOWS AND DOORS                                                 |
|                           | 1/4" THICK SPANDREL GLAZING       | DARK GRAY                                                                                                                          | (2)                  | GLASS TO CONCEAL WALL OR STRUCTURE BEYOND                                                         |
|                           | MECHANICAL LOUVER - ALUMINUM      | SILVER METALLIC PAINTED                                                                                                            | (3)                  | MECHANICAL EXHAUST/ INTAKE LOUVERS                                                                |
|                           | THIN BRICK - RUNNING BOND PATTERN | RED/ BLACK BLEND TO MATCH EXISTING CIVIC CENTER BRICK. ENIDICOTT THIN BRICK & TILE LLC. BLEND: 90% AUTUMN SANDS / 10% MERLOT SANDS | (4)                  | TYPICAL BRICK FACADE MATERIAL                                                                     |
|                           | THIN BRICK - BASKETWEAVE PATTERN  | RED/ BLACK BLEND TO MATCH EXISTING CIVIC CENTER BRICK. ENIDICOTT THIN BRICK & TILE LLC. BLEND: 90% AUTUMN SANDS / 10% MERLOT SANDS | (5)                  | ACCENT BRICK FACADE MATERIAL                                                                      |
|                           | PRECAST CONCRETE                  | MATCH INDIANA BUFF LIMESTONE ON GLEN ELLYN CIVIC CENTER DUANE STREET FACADE                                                        | (6)                  | TYPICAL "STONE" FACADE MATERIAL                                                                   |
| NO PATTERN                | MISC. METAL LIGHT FIXTURE         | BLACK PAINTED                                                                                                                      | (7) (L#)             | TYPICAL LIGHT FIXTURE FINISH - SEE LIGHTING SCHEDULE                                              |
| NO PATTERN                | METAL                             | PAINTED TO MATCH PRECAST COLOR (BUFF LIMESTONE)                                                                                    | (8)                  | EXTERIOR BOLLARDS AND GALV. STEEL DOORS - PAINT                                                   |
|                           | FIXED LOUVER - STEEL              | SILVER METALLIC PAINTED                                                                                                            | (9)                  | DECORATIVE METAL GATE - LOUVER SCREEN (TRASH ENCL.)                                               |
| NO PATTERN                | ALUMINUM                          | CLEAR ANODIZED (SILVER)                                                                                                            | (10)                 | ALUMINUM ENTRY DOORS, CURTAIN WALL FRAMING, STOREFRONT WINDOW FRAMING, ETC.                       |
| NO PATTERN                | ALUMINUM                          | CLEAR ANODIZED (SILVER)                                                                                                            | (11) (A)<br>(11) (B) | 1" DEEP SURFACE-MOUNTED CAST ALUMINUM SIGNAGE AT VEHICULAR ENTRY (A) = 10" HIGH AND (B) = 6" HIGH |
| NO PATTERN                | PVC                               | BLACK BACKGROUND WITH WHITE REFLECTIVE LETTER DIE-CUT TEXT                                                                         | (12)                 | 10" DIAMETER X 10'-0" LONG SUSPENDED SIGNAGE AT VEHICULAR ENTRY                                   |
| NO PATTERN                | CAST-IN-PLACE CONCRETE            | STANDARD GRAY CONCRETE                                                                                                             | (13)                 | EXPOSED CONCRETE FOUNDATIONS BELOW PRECAST PANELS                                                 |

Design Builder:

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M. A. MORTENSON COMPANY  
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Itasca, IL 60143  
Tel: 847.581.8600  
www.mortenson.com

Design Consultants:

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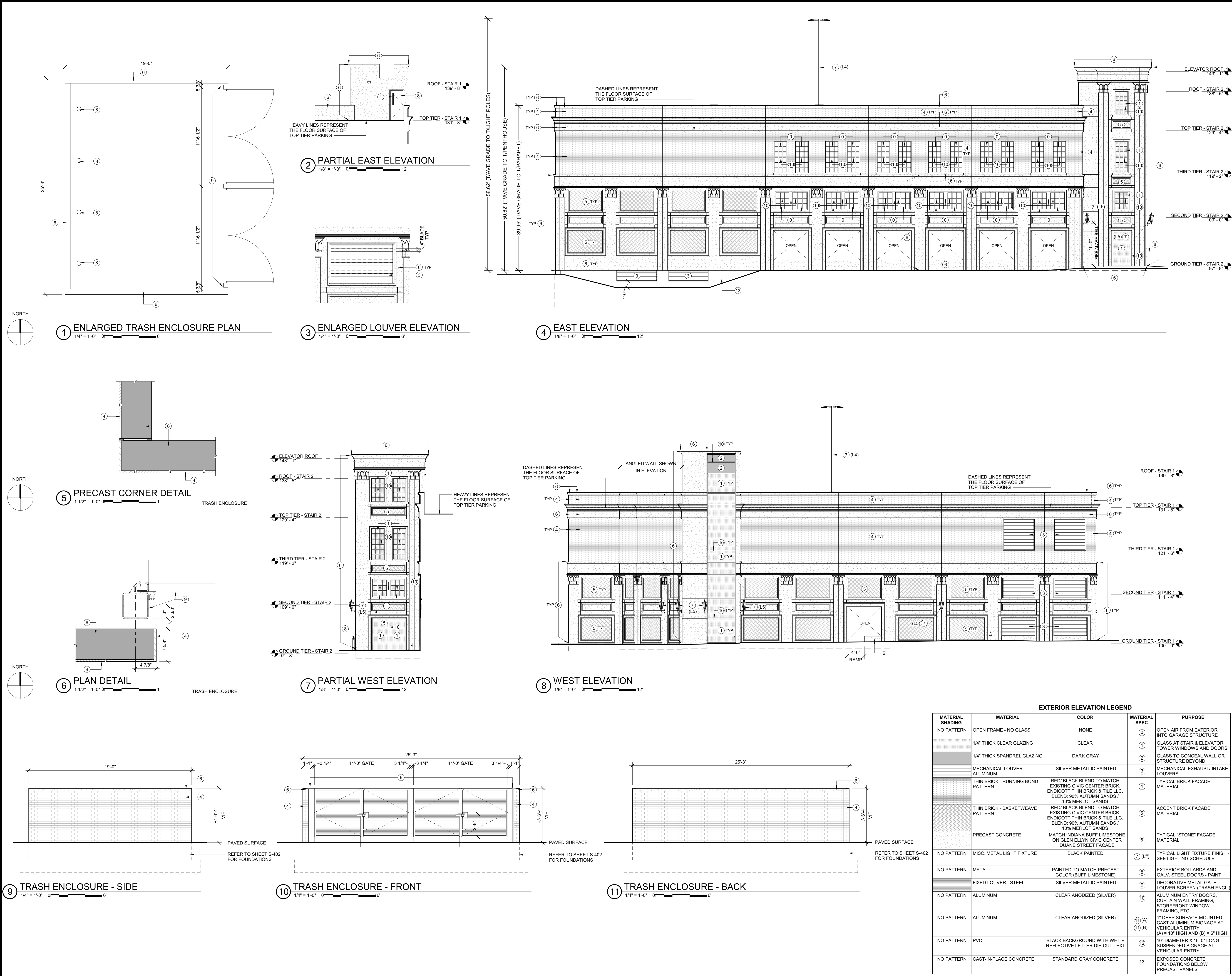


VILLAGE OF GLEN ELLYN  
PUBLIC PARKING GARAGE

535 Duane Street  
Glen Ellyn, IL 60137

| MARK                                                                                                                                                      | DATE | DESCRIPTION |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------|------|-------------|
| REVISIONS                                                                                                                                                 |      |             |
| ISSUE: ZONING RESUBMITTAL #3                                                                                                                              |      |             |
| ISSUE DATE: 08/29/2019                                                                                                                                    |      |             |
| PROJECT NO: 7182780                                                                                                                                       |      |             |
| DRAWN BY: CH                                                                                                                                              |      |             |
| CHECKED BY: VR                                                                                                                                            |      |             |
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| SHEET TITLE: EXTERIOR ELEVATIONS                                                                                                                          |      |             |
| A200                                                                                                                                                      |      |             |





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VILLAGE OF GLEN ELLYN  
PUBLIC PARKING GARAGE

535 Duane Street  
Glen Ellyn, IL 60137

| EXTERIOR ELEVATION LEGEND |                                   |                                                                                                                                   |                      |                                                                                                   |
|---------------------------|-----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|----------------------|---------------------------------------------------------------------------------------------------|
| MATERIAL SHADING          | MATERIAL                          | COLOR                                                                                                                             | MATERIAL SPEC        | PURPOSE                                                                                           |
|                           | NO PATTERN                        | OPEN FRAME - NO GLASS                                                                                                             | (0)                  | OPEN AIR FROM EXTERIOR INTO GARAGE STRUCTURE                                                      |
|                           |                                   | 1/4" THICK CLEAR GLAZING                                                                                                          | (1)                  | GLASS AT STAIR & ELEVATOR TOWER WINDOWS AND DOORS                                                 |
|                           |                                   | 1/4" THICK SPANDREL GLAZING                                                                                                       | (2)                  | GLASS TO CONCEAL WALL OR STRUCTURE BEYOND                                                         |
|                           | MECHANICAL LOUVER - ALUMINUM      | SILVER METALLIC PAINTED                                                                                                           | (3)                  | MECHANICAL EXHAUST/ INTAKE LOUVERS                                                                |
|                           | THIN BRICK - RUNNING BOND PATTERN | RED/ BLACK BLEND TO MATCH EXISTING CIVIC CENTER BRICK. ENDICOTT THIN BRICK & TILE LLC. BLEND: 90% AUTUMN SANDS / 10% MERLOT SANDS | (4)                  | TYPICAL BRICK FACADE MATERIAL                                                                     |
|                           | THIN BRICK - BASKETWEAVE PATTERN  | RED/ BLACK BLEND TO MATCH EXISTING CIVIC CENTER BRICK. ENDICOTT THIN BRICK & TILE LLC. BLEND: 90% AUTUMN SANDS / 10% MERLOT SANDS | (5)                  | ACCENT BRICK FACADE MATERIAL                                                                      |
|                           | PRECAST CONCRETE                  | MATCH INDIANA BUFF LIMESTONE ON GLEN ELLYN CIVIC CENTER DUANE STREET FACADE                                                       | (6)                  | TYPICAL "STONE" FACADE MATERIAL                                                                   |
|                           | NO PATTERN                        | MISC. METAL LIGHT FIXTURE                                                                                                         | (7) (L#)             | TYPICAL LIGHT FIXTURE FINISH - SEE LIGHTING SCHEDULE                                              |
|                           | NO PATTERN                        | METAL                                                                                                                             | (8)                  | EXTERIOR BOLLARDS AND GALV. STEEL DOORS - PAINT                                                   |
|                           | FIXED LOUVER - STEEL              | SILVER METALLIC PAINTED                                                                                                           | (9)                  | DECORATIVE METAL GATE - LOUVER SCREEN (TRASH ENCL.)                                               |
|                           | NO PATTERN                        | ALUMINUM                                                                                                                          | (10)                 | ALUMINUM ENTRY DOORS, CURTAIN WALL FRAMING, STOREFRONT WINDOW                                     |
|                           | NO PATTERN                        | ALUMINUM                                                                                                                          | (11) (A)<br>(11) (B) | 1" DEEP SURFACE-MOUNTED CAST ALUMINUM SIGNAGE AT VEHICULAR ENTRY (A) = 10" HIGH AND (B) = 6" HIGH |
|                           | NO PATTERN                        | PVC                                                                                                                               | (12)                 | 10" DIAMETER X 10'-0" LONG SUSPENDED SIGNAGE AT VEHICULAR ENTRY                                   |
|                           | NO PATTERN                        | CAST-IN-PLACE CONCRETE                                                                                                            | (13)                 | EXPOSED CONCRETE FOUNDATIONS BELOW PRECAST PANELS                                                 |

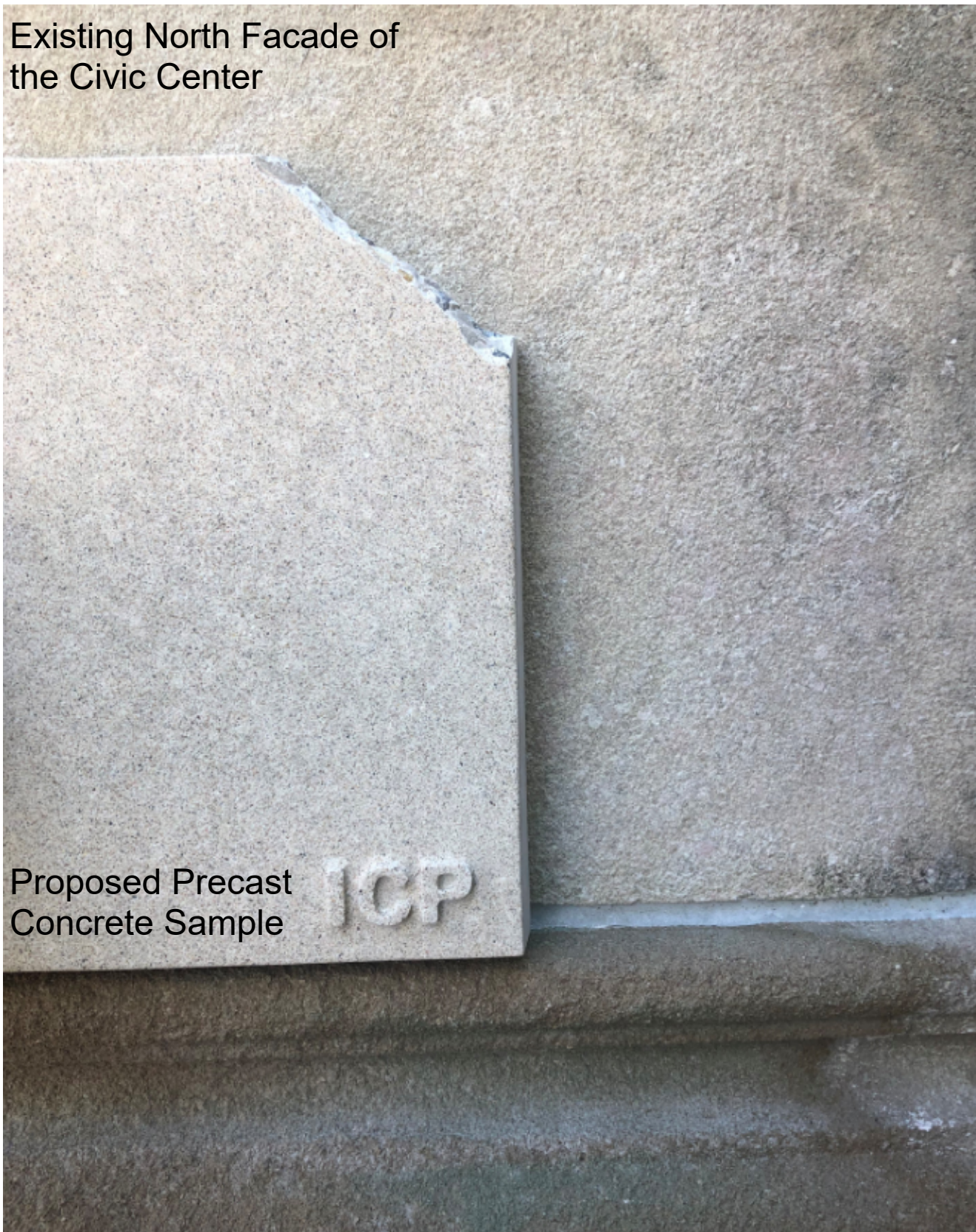
| MARK                                                                                                                                                      | DATE | DESCRIPTION |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------|------|-------------|
| REVISIONS                                                                                                                                                 |      |             |
| ISSUE: ZONING RESUBMITTAL #3                                                                                                                              |      |             |
| ISSUE DATE: 08/29/2019                                                                                                                                    |      |             |
| PROJECT NO: 7182780                                                                                                                                       |      |             |
| DRAWN BY: CH                                                                                                                                              |      |             |
| CHECKED BY: VR                                                                                                                                            |      |             |
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| SHEET TITLE: EXTERIOR ELEVATIONS                                                                                                                          |      |             |
| A201                                                                                                                                                      |      |             |





Proposed Precast Concrete

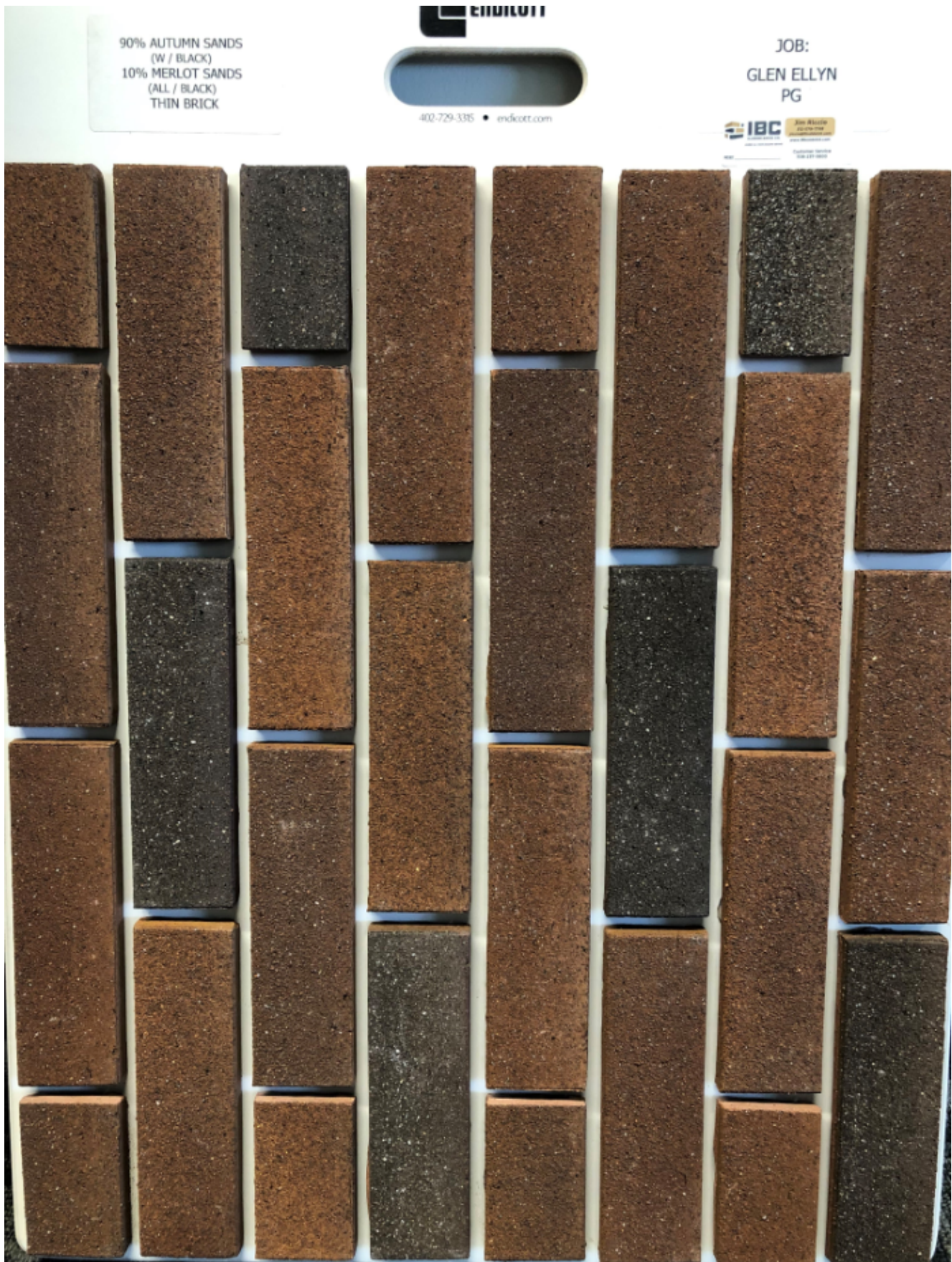




Attachment: 8. Proposed Materials (4138 : 535 Duane Street - Exterior Alteration of Landmarked Property - New Construction)

Precast Concrete





Attachment: 8. Proposed Materials (4138 : 535 Duane Street - Exterior Alteration of Landmarked Property - New Construction)

Proposed Thin Brick Sample

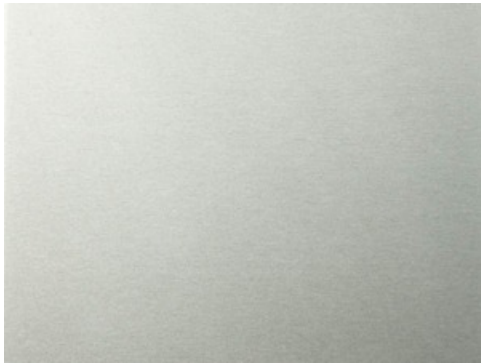


Existing Facade of  
the Civic Center  
near Garage Doors

Proposed Brick

Attachment: 8. Proposed Materials (4138 : 535 Duane Street - Exterior Alteration of Landmarked Property - New Construction)

Proposed Thin Brick Sample



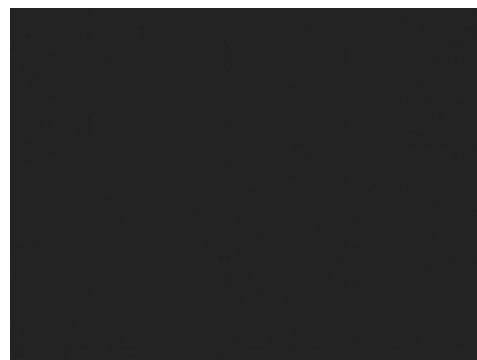
Window Frame - Aluminum  
with clear anodized finish



Window Glazing - Clear  
glazing in stairwells, Gray  
spandrel glass when  
required to conceal wall or  
structure beyond. Gray  
spandrel shown above.



Metal Louvers - Silver  
metallic



Exterior Light Fixtures -  
Black









Attachment: 9. Renderings (4138 : 535 Duane Street - Exterior Alteration of Landmarked Property - New

Birds Eye View looking South West





Attachment: 9. Renderings (4138 : 535 Duane Street - Exterior Alteration of Landmarked Property - New

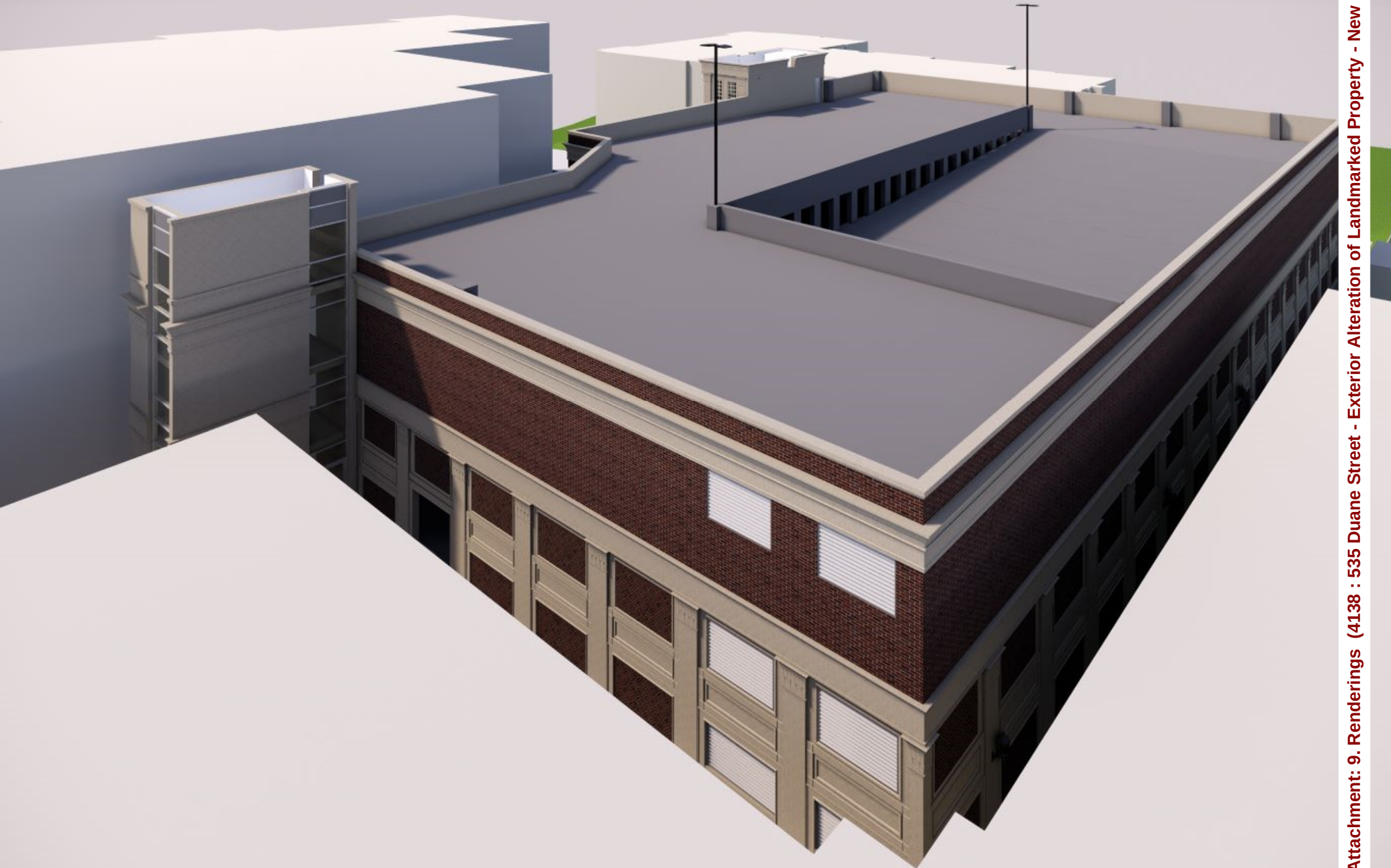
Birds Eye View looking North West  
Note: entrance from Forest Ave removed





View looking North West  
Note: entrance from Forest Ave removed





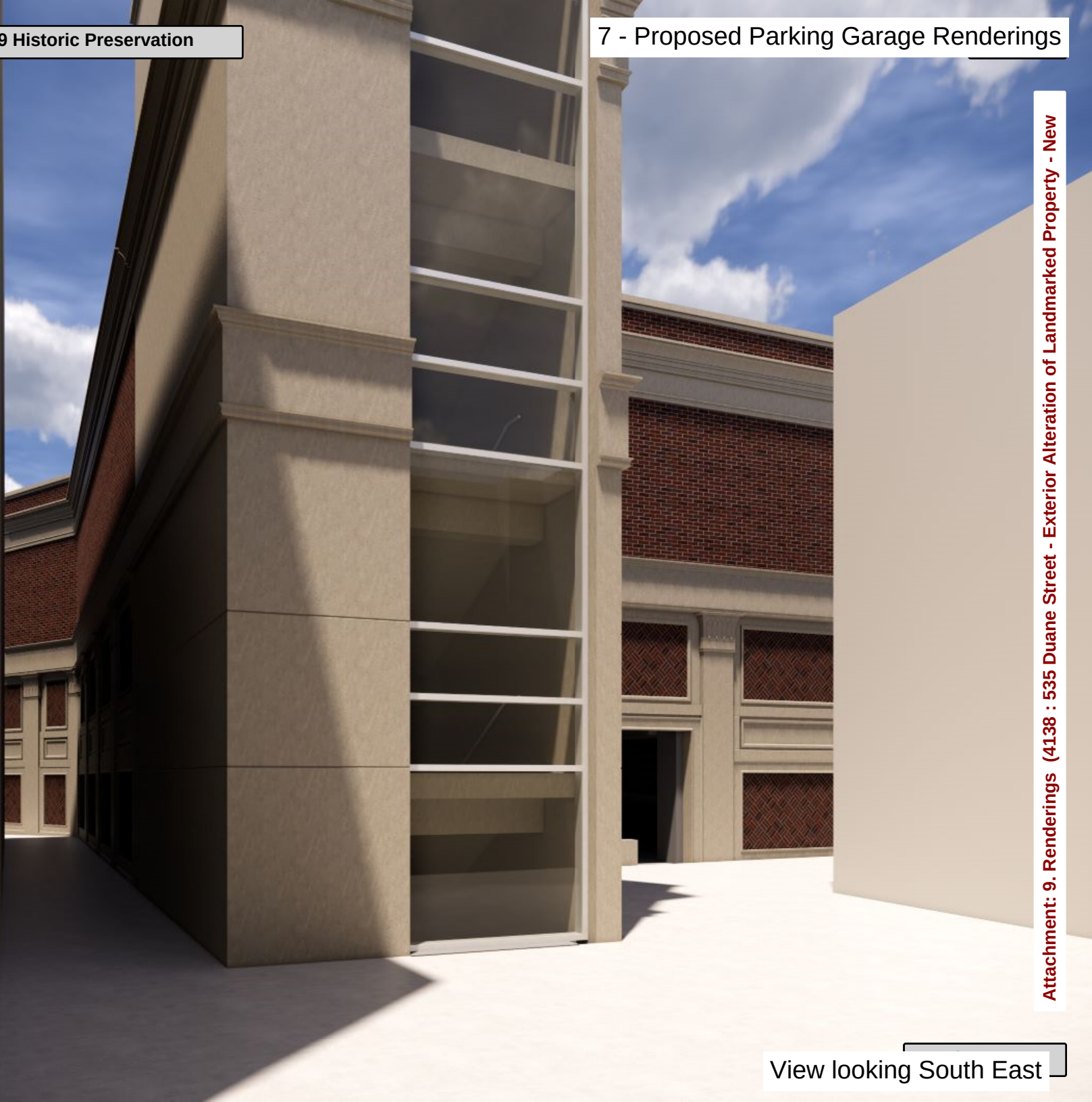




Attachment: 9. Renderings (4138 : 535 Duane Street - Exterior Alteration of Landmarked Property - New

View looking North East





Attachment: 9. Renderings (4138 : 535 Duane Street - Exterior Alteration of Landmarked Property - New

## LED Area and Site Luminaire



**Cooper Lighting**  
by **EATON**



# Galleon LED Design Excellence

## Stepping Up to the Challenge

The Galleon LED luminaire delivers exceptional performance in a highly scalable, low-profile design. The patented, high-efficiency AccuLED Optics™ system provides uniform and energy-conscious illumination to walkways, parking lots, roadways, building areas and security lighting applications. With HID equivalents ranging from 100W up to 1000W, the Galleon LED luminaire is designed to meet the toughest lighting challenges.

## Construction

- Extruded aluminum driver enclosure
- Heavy-wall die-cast aluminum end caps
- 3G vibration rated
- IP66-rated housing and LED Light Squares
- Optional tool-less entry

## Electrical

- Operates in -40°C to 40°C ambient with optional high ambient 50°C ambient configuration
- Proprietary circuit module designed to withstand 10kV of transient line surge
- >L90 60,000 hours at 40°C, compliant with IESNA TM-21
- 120V-277V 50/60Hz, 347V 60Hz or 480V 60Hz operation

## Controls

- Standard with 0-10V dimming driver(s)
- Optional occupancy sensor
- Optional wireless control and monitoring system

## Finish

- Five-stage, super durable TGIC paint resists extreme weather conditions while providing optimal color and gloss retention. It's available in standard grey or optional bronze, black, dark platinum, graphite metallic or white.



Grey



Bronze



Black



Dark Platinum



Graphite Metallic



White

## Warranty

- Five-year warranty



### Surge Protection

A 10kV common surge (line-to-ground) and differential surge (line-to-line) mode protection is standard.



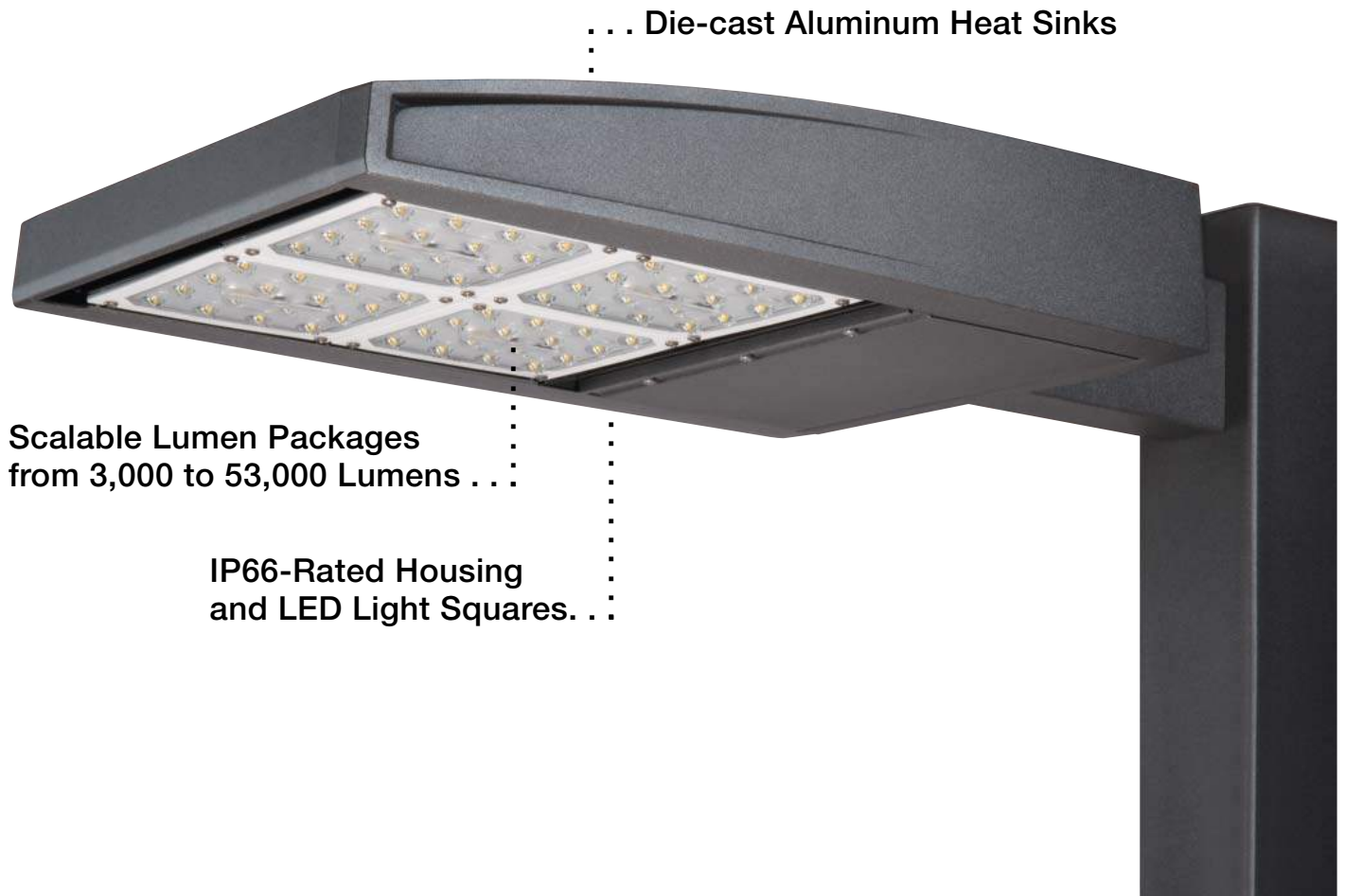
### NEMA Twistlock Photocontrol Receptacle

An optional gasketed receptacle allows for mounting the standard NEMA photocontrol (order separately).



### Light Square Trim Plate Finish

An optional finish to match LED trim plates to the housings exterior allows luminaire to blend seamlessly in any site lighting application.



### Mounting Options



#### Occupancy Sensor

The optional motion sensor reduces energy use for site lighting applications.



#### Mast Arm Adapter

An optional cast aluminum mast arm adapter secures fixture head to nominal 2" (2-3/8" O.D. pipe size) horizontal steel tenon arm.

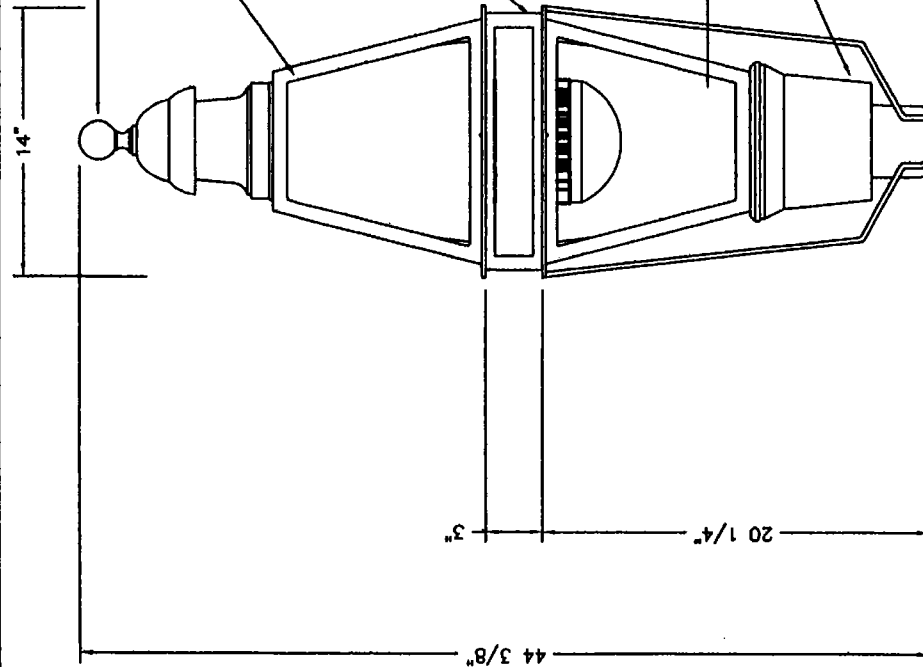


#### Wall Mount Bracket

An optional wall-mount plate is secured to wall by four lag bolts (supplied by others).

Type L5

Wall mtd

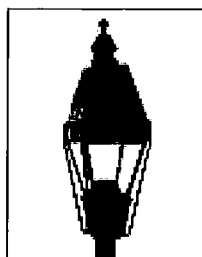


| REV | REVISIONS             | DATE    | REVISED |
|-----|-----------------------|---------|---------|
| A   | ORIGINAL              | 8/30/16 |         |
| B   | UPDATED FROM --> FORB | 10-5-16 | ANK     |
|     |                       |         |         |
|     |                       |         |         |

|                                                  |  |          |
|--------------------------------------------------|--|----------|
| Glen Elyn LED Decorative Luminaire               |  | SS       |
| 962TC-OTLED/PT/XRLED-9-30T3-MDL14-SVT/CA/FDRB/BK |  |          |
| SternbergLighting<br>LUMINAIRE MANUFACTURER      |  | SC26494A |

POLE HEIGHTS HAVE  
A TOLERANCE OF  
+ OR - 2"





## 962TC-XRLED GLEN ELLYN SERIES

LED

EPA  
3.65 (ft<sup>2</sup>)  
WEIGHT  
36 LBS

5 YEAR  
WARRANTY  
**5**

LUMEN  
RANGE  
1,550 to  
5,210

LIFE SPAN  
L70  
MINIMUM  
50,000  
HOURS

UL  
LISTED  
**UL**

CLICK  
FOR FAQ'S  
**FAQ**

JOB NAME

FIXTURE TYPE

L5

MEMO

## BUILD A PART NUMBER

ORDERING EXAMPLE: 2A-962TC-XRLED-12L45T5-MDL14-CA-HSS-FHD/478PM/2112FP5/SCC/BKT

| Mounting Configuration | Fixture | LED | CCT | Type | Driver | Lens | Option House Side Shield | Option Fuse | Option Internal Lens | Option Soft Vue | Option Heavy Diffuse | Finish |
|------------------------|---------|-----|-----|------|--------|------|--------------------------|-------------|----------------------|-----------------|----------------------|--------|
|                        |         |     |     |      |        |      |                          |             |                      |                 |                      |        |

## Mounting Configuration

(Click here to view mounting configuration sheet)

- 1W • 2A • 3A90 • 1AM
- PT • 2A90 • 3APT • 2AM
- 1A • 2APT • 4A • 450PB
- 1APT • 3A • 4APT

W = Wall Mount PT = Post Top A = Arm Mount AM = Arm Mid-Mount PB = Pler Base

## Fixture

- 962TC • 962TCGT (Glow Top)<sup>1</sup>

<sup>1</sup> Add 10 watts.

## LED

- XRLED-9L • XRLED-12L

## CCT - Color Temperature (K)

- 45(00) • 35(00) • 27(00) • **30**

## Type

- T2 • **T3** • T4 • T5

## Driver

- MDL07 (120v-277v, 700Ma)<sup>2</sup>
- **MDL14** (120v-277v, 1400Ma)
- MDH07 (347v-480v, 700Ma)<sup>2</sup>
- MDH14 (347v-480v, 1400Ma)

<sup>2</sup> For use with 9L system only.

## Lens (Click here to link to lens options)

- SV1 (Flat Soft Vue Medium Diffuse Acrylic)
- SV2 (Flat Soft Vue Heavy Diffuse Acrylic)
- CA (Clear Acrylic)
- CTA (Clear Textured Acrylic)
- CSA (Clear Seeded Acrylic)
- PA (Pristmatic Acrylic)
- WA (White Acrylic) • **SVT**

## Options (Click here to view accessories sheet)

- HSS House Side Shield
- FHD<sup>3</sup> Dual Fuse & Holder
- SVD1 Soft Vue Medium Diffuse, Internal Dome Lens
- SVD2 Soft Vue Heavy Diffuse, Internal Dome Lens

<sup>3</sup> Ships loose for installation in base.

## Arm (Click here to link to arm specification page)

See Arms &amp; Wall Brackets specification sheets.

- 478 • 480 • 6236 • 579 • TA • TASC

## Pole (Click here to link to pole specification page)

See Pole specification sheets.

## Finish (Click here to view paint finish sheet)

Standard Finishes<sup>4</sup>

- BKT Black Textured • **BK**
- WHT White Textured
- PGT Park Green Textured
- ABZT Architectural Medium Bronze Textured
- DBT Dark Bronze Textured

<sup>4</sup> Smooth finishes are available upon requestCustom Finishes<sup>5</sup>

- CM Custom Match
- OI Old Iron
- RT Rust
- WBR Weathered Brown
- CD Cedar
- WBK Weathered Black
- TT Two Tone

<sup>5</sup> Custom colors require upcharge.

## Sternberg Select Finishes

- VG Verde Green
- SI Swedish Iron
- OWGT Old World Gray Textured

## Specifications

## Fixture

The 962TC fixture shall be 14" wide and the overall height shall have 42". It shall be made of heavy wall cast aluminum, 356 alloy and lenses shall be made of vandal resistant acrylic. The fixture cage shall be cast in one piece and shall have a lift hinged door. The four paneled roof shall be closed with solid aluminum panels. The Luminaire shall be UL approved in US and Canada.

## Fitter

The fitter or base shall be heavy wall cast aluminum, 356 alloy for high tensile strength. It shall have an inside diameter opening to accept a 3" diameter pole or tenon. When ordered with a Sternberg aluminum pole, the fitter shall be set screwed to the pole top or tenon.

## LEDs

The luminaire shall use high output, high brightness LED's. They shall be mounted in arrays, on printed circuit boards designed to maximize heat transfer to the heat sink surface. The arrays shall be downward facing to minimize up-light. The LED's and printed circuit boards shall be environmentally friendly and 100% recyclable, they shall also be protected from moisture and corrosion by a conformal coating of 1 to 3 mils. They shall not contain lead, mercury or any other hazardous substances and shall be RoHS compliant. The LED life rating data shall be determined in accordance with IESNA LM-80. The High Performance white LED's will have a life expectancy of approximately 50,000 hours with not less than 70% of original brightness (lumen maintenance), rated at 25°C. The High Brightness, High Output LED's shall be 4500K (3500K or 2700K option) color temperature with a typical of 70 CRI. Consult factory for custom color CCT. The luminaire shall have a minimum \_\_\_\_\_ (see table) delivered initial lumen rating when operated at steady state with an average ambient temperature of 25°C (77°F).

## Optics

The luminaire shall be provided with individual, refractor type optics applied to each LED. The luminaire shall provide Type \_\_\_\_ (2, 3, 4 or 5) light distribution per the IESNA classifications. Testing shall be done in accordance with IESNA LM-79.

See next page



SternbergLighting

ESTABLISHED 1923 / EMPLOYEE OWNED

800-621-3376  
555 Lawrence Ave., Roselle, IL 60172  
info@sternberglighting.com  
www.sternberglighting.com

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Packet Pg. 545

# 962TC-XRLED GLEN ELLYN SERIES

LED

## Electronic Drivers

The LED driver shall be U.L. Recognized. It shall be securely mounted inside the fixture, for optimized performance and longevity. It shall be supplied with a quick-disconnect electrical connector on the power supply, providing easy power connections and fixture installation. It shall have overload as well as short circuit protection, and have a DC voltage output, constant current design, 50/60HZ. It shall be supplied with line-ground, line-neutral and neutral-ground electrical surge protection in accordance with IEEE/ANSI C62.41.2 guidelines. It shall be dimmable using a 0-10v signal.

For sources over 50w: The driver shall have a minimum efficiency of 90%. The driver shall be rated at full load with THD<20% and a power factor of greater than 0.90. The driver shall contain over-heat protection.

For sources under 50w: The driver shall have a minimum efficiency of 88%.

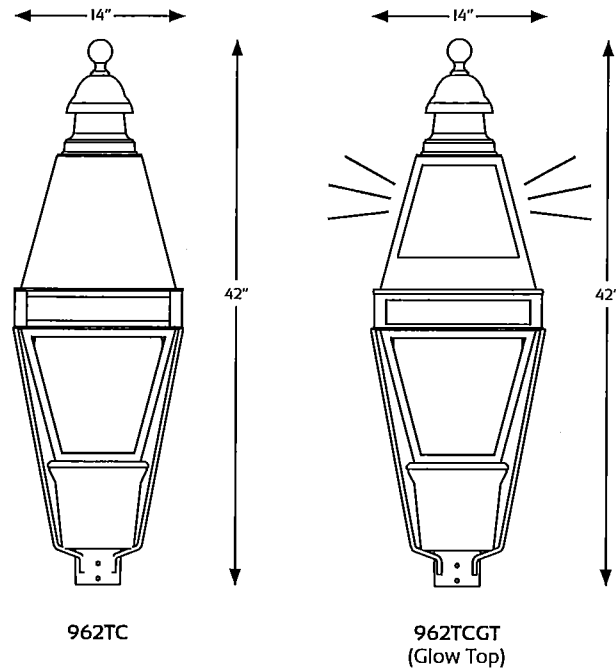
## Warranty

Five-year warranty. See product and finish warranty guide for details.

## Finish

Refer to website for details.

## Fixtures

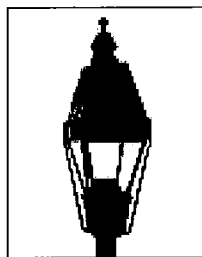


## Performance (Based on CSA Lens)

| LIGHT SOURCE  | T2 DELIVERED LUMENS | EFFICACY (LPW) | T3 DELIVERED LUMENS | EFFICACY (LPW) | T4 DELIVERED LUMENS | EFFICACY (LPW) | T5 DELIVERED LUMENS | EFFICACY (LPW) | WATTAGE* |
|---------------|---------------------|----------------|---------------------|----------------|---------------------|----------------|---------------------|----------------|----------|
| 09L27T_-MDL07 | 1610                | 73.1           | 1600                | 72.6           | 1550                | 70.3           | 1670                | 75.9           | 22       |
| 09L35T_-MDL07 | 1895                | 86             | 1880                | 85.5           | 1820                | 82.8           | 1965                | 89.4           | 22       |
| 09L45T_-MDL07 | 2035                | 92.5           | 2025                | 92             | 1960                | 89             | 2115                | 96.1           | 22       |
| 09L27T_-MDL14 | 2860                | 59.6           | 2810                | 58.5           | 2745                | 57.1           | 2960                | 61.6           | 48       |
| 09L35T_-MDL14 | 3370                | 70.2           | 3310                | 68.9           | 3230                | 67.3           | 3485                | 72.6           | 48       |
| 09L45T_-MDL14 | 3625                | 75.5           | 3560                | 74.1           | 3470                | 72.3           | 3745                | 78             | 48       |
| 12L27T_-MDL14 | 4060                | 67.6           | 3960                | 66             | 3945                | 65.7           | 4120                | 68.6           | 60       |
| 12L35T_-MDL14 | 4780                | 79.6           | 4660                | 77.7           | 4640                | 77.4           | 4850                | 80.8           | 60       |
| 12L45T_-MDL14 | 5140                | 85.6           | 5010                | 83.5           | 4990                | 83.2           | 5210                | 86.9           | 60       |

\*Glow top option adds 10 watts.

Packet Pg. 547



## 962TC-XRLED GLEN ELLYN SERIES

LED

EPA  
3.65 (ft²)  
WEIGHT  
36 LBS

5 YEAR  
WARRANTY

LUMEN  
RANGE  
1,550 to  
5,210

LIFE SPAN  
L70  
MINIMUM  
50,000  
HOURS

UL  
LISTED

CLICK  
FOR FAQ'S

JOB NAME

FIXTURE TYPE

L6

MEMO

## BUILD A PART NUMBER

ORDERING EXAMPLE: 2A-962TC-XRLED-12L45T5-MDL14-CA-HSS-FHD/478PM/2112FP5/SCC/BKT

| Mounting Config | Fixture | LED | CCT | Type | Driver | Lens | Option House Side Shield | Option Fuse | Option Internal Lens | 9L 4500K 3500K 2700K | 9L 4500K 3500K 2700K | Finish |
|-----------------|---------|-----|-----|------|--------|------|--------------------------|-------------|----------------------|----------------------|----------------------|--------|
|                 |         |     |     |      |        |      |                          |             |                      |                      |                      |        |

## Mounting Configuration

(Click here to view mounting configuration sheet)

- 1W • 2A • 3A90 • 1AM
- PT • 2A90 • 3APT • 2AM
- 1A • 2APT • 4A • 450PB
- 1APT • 3A • 4APT

W = Wall Mount PT = Post Top A = Arm Mount AM = Arm Mid-Mount PB = Pier Base

## Fixture

- 962TC • 962TCGT (Glow Top)<sup>1</sup>

<sup>1</sup> Add 10 watts.

## LED

- XRLED-9L • XRLED-12L<sup>2</sup>

## CCT - Color Temperature (K)

- 45(00) • 35(00) • 27(00) • 30

## Type

- T2 • T3 • T4 • T5

## Driver

- MDL07 (120v-277v, 700Ma)<sup>2</sup>
- MDL14 (120v-277v, 1400Ma)
- MDH07 (347v-480v, 700Ma)<sup>2</sup>
- MDH14 (347v-480v, 1400Ma)

<sup>2</sup> For use with 9L system only.

## Lens (Click here to link to lens options)

- SV1 (Flat Soft Vue Medium Diffuse Acrylic)
- SV2 (Flat Soft Vue Heavy Diffuse Acrylic)
- CA (Clear Acrylic)
- CTA (Clear Textured Acrylic)
- CSA (Clear Seeded Acrylic)
- PA (Pristmatic Acrylic)
- WA (White Acrylic) • SVT

## Options (Click here to view accessories sheet)

- HSS House Side Shield
- FHD<sup>3</sup> Dual Fuse & Holder
- SVD1 Soft Vue Medium Diffuse, Internal Dome Lens
- SVD2 Soft Vue Heavy Diffuse, Internal Dome Lens

<sup>3</sup> Ships loose for installation in base.

## Arm (Click here to link to arm specification page)

See Arms &amp; Wall Brackets specification sheets.

- 478 • 480 • 6236 • 579 • TA • TASC

## Pole (Click here to link to pole specification page)

See Pole specification sheets.

## Finish (Click here to view paint finish sheet)

Standard Finishes<sup>4</sup>

- BKT Black Textured
- WHT White Textured
- PGT Park Green Textured
- ABZT Architectural Medium Bronze Textured
- DBT Dark Bronze Textured

<sup>4</sup> Smooth finishes are available upon requestCustom Finishes<sup>5</sup>

- CM Custom Match
- OI Old Iron
- RT Rust
- WBR Weathered Brown
- CD Cedar
- WBK Weathered Black
- TT Two Tone

<sup>5</sup> Custom colors require upcharge.

## Sternberg Select Finishes

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- SI Swedish Iron
- OWGT Old World Gray Textured

## Specifications

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CA/FDRB/BK

## Fitter

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## LEDs

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## Optics

The luminaire shall be provided with individual, refractor type optics applied to each LED. The luminaire shall provide Type \_\_\_\_ (2, 3, 4 or 5) light distribution per the IESNA classifications. Testing shall be done in accordance with IESNA LM-79.

See next page



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ESTABLISHED 1923 / EMPLOYEE OWNED

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www.sternberglighting.com

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Packet Pg. 548

# 962TC-XRLED GLEN ELLYN SERIES

LED

## Electronic Drivers

The LED driver shall be U.L. Recognized. It shall be securely mounted inside the fixture, for optimized performance and longevity. It shall be supplied with a quick-disconnect electrical connector on the power supply, providing easy power connections and fixture installation. It shall have overload as well as short circuit protection, and have a DC voltage output, constant current design, 50/60HZ. It shall be supplied with line-ground, line-neutral and neutral-ground electrical surge protection in accordance with IEEE/ANSI C62.41.2 guidelines. It shall be dimmable using a 0-10v signal.

For sources over 50w: The driver shall have a minimum efficiency of 90%. The driver shall be rated at full load with THD<20% and a power factor of greater than 0.90. The driver shall contain over-heat protection.

For sources under 50w: The driver shall have a minimum efficiency of 88%.

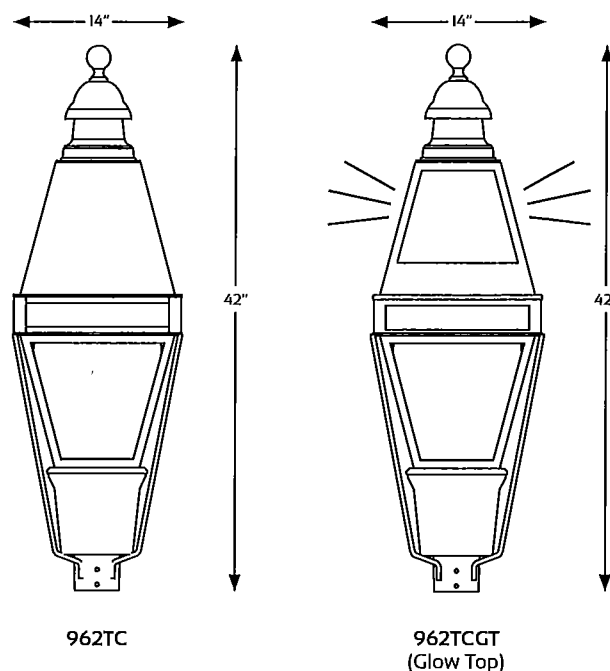
## Warranty

Five-year warranty. See product and finish warranty guide for details.

## Finish

Refer to website for details.

## Fixtures



## Performance (Based on CSA Lens)

| LIGHT SOURCE  | T2 DELIVERED LUMENS | EFFICACY (LPW) | T3 DELIVERED LUMENS | EFFICACY (LPW) | T4 DELIVERED LUMENS | EFFICACY (LPW) | T5 DELIVERED LUMENS | EFFICACY (LPW) | WATTAGE* |
|---------------|---------------------|----------------|---------------------|----------------|---------------------|----------------|---------------------|----------------|----------|
| 09L27T_-MDL07 | 1610                | 73.1           | 1600                | 72.6           | 1550                | 70.3           | 1670                | 75.9           | 22       |
| 09L35T_-MDL07 | 1895                | 86             | 1880                | 85.5           | 1820                | 82.8           | 1965                | 89.4           | 22       |
| 09L45T_-MDL07 | 2035                | 92.5           | 2025                | 92             | 1960                | 89             | 2115                | 96.1           | 22       |
| 09L27T_-MDL14 | 2860                | 59.6           | 2810                | 58.5           | 2745                | 57.1           | 2960                | 61.6           | 48       |
| 09L35T_-MDL14 | 3370                | 70.2           | 3310                | 68.9           | 3230                | 67.3           | 3485                | 72.6           | 48       |
| 09L45T_-MDL14 | 3625                | 75.5           | 3560                | 74.1           | 3470                | 72.3           | 3745                | 78             | 48       |
| 12L27T_-MDL14 | 4060                | 67.6           | 3960                | 66             | 3945                | 65.7           | 4120                | 68.6           | 60       |
| 12L35T_-MDL14 | 4780                | 79.6           | 4660                | 77.7           | 4640                | 77.4           | 4850                | 80.8           | 60       |
| 12L45T_-MDL14 | 5140                | 85.6           | 5010                | 83.5           | 4990                | 83.2           | 5210                | 86.9           | 60       |

\*Glow top option adds 10 watts.





# 962TC-XRLED GLEN ELLYN SERIES

LED

EPA  
3.65 (ft<sup>2</sup>)  
WEIGHT  
36 LBS

5 YEAR  
WARRANTY

LUMEN  
RANGE  
1,550 to  
5,210

LIFE SPAN  
L70  
MINIMUM  
50,000  
HOURS

UL  
LISTED

CLICK  
FOR FAQ'S

JOB NAME

FIXTURE TYPE L6

MEMO 962TC-XR-LED-12L45T2  
-MDL14-HSS

## BUILD A PART NUMBER

ORDERING EXAMPLE: 2A-962TC-XRLED-12L45T5-MDL14-CA-HSS-FHD/478PM/2112FP5/SCC/BKT

| Mounting Config. | Fixture | LED     | CCT | Type | Driver | Lens | Option House Side Shield | Option Fuse | Option Internal Lens | Arm See Arm Spec Sheets | Pole See Pole Spec Sheets | Finish |
|------------------|---------|---------|-----|------|--------|------|--------------------------|-------------|----------------------|-------------------------|---------------------------|--------|
| PT               | 962TC   | XRLED-1 | 45  | T2   | MDL14  |      | HSS                      |             |                      |                         |                           | BKT    |

### Mounting Configuration

(Click here to view mounting configuration sheet)

- IW
- PT
- IA
- IAPT
- 2A
- 2A90
- 2APT
- 3A
- 3A90
- 3APT
- 4A
- 4APT
- IAM
- 2AM
- 450PB

W = Wall Mount PT = Post Top A = Arm Mount AM = Arm Mid-Mount PB = Pier Base

### Fixture

- 962TC
- 962TCGT (Glow Top)<sup>1</sup>

<sup>1</sup> Add 10 watts.

### LED

- XRLED-9L
- XRLED-12L

### CCT - Color Temperature (K)

- 45(00)
- 35(00)
- 27(00)

### Type

- T2
- T3
- T4
- T5

### Driver

- MDL07 (120v-277v, 700Ma)<sup>2</sup>
- MDL14 (120v-277v, 1400Ma)
- MDH07 (347v-480v, 700Ma)<sup>2</sup>
- MDH14 (347v-480v, 1400Ma)

<sup>2</sup> For use with 9L system only.

### Lens (Click here to link to lens options)

- SV1 (Flat Soft Vue Medium Diffuse Acrylic)
- SV2 (Flat Soft Vue Heavy Diffuse Acrylic)
- CA (Clear Acrylic)
- CTA (Clear Textured Acrylic)
- CSA (Clear Seeded Acrylic)
- PA (Pristmatic Acrylic)
- WA (White Acrylic)

### Options (Click here to view accessories sheet)

- HSS House Side Shield
- FHD<sup>3</sup> Dual Fuse & Holder
- SVDI Soft Vue Medium Diffuse, Internal Dome Lens
- SVD2 Soft Vue Heavy Diffuse, Internal Dome Lens

<sup>3</sup> Ships loose for installation in base.

### Arm (Click here to link to arm specification page)

See Arms & Wall Brackets specification sheets.

- 478
- 480
- 6236
- 579
- TA
- TASCR

### Pole (Click here to link to pole specification page)

See Pole specification sheets.

### Finish (Click here to view paint finish sheet)

#### Standard Finishes<sup>4</sup>

- BKT Black Textured
- WHT White Textured
- PGT Park Green Textured
- ABZT Architectural Medium Bronze Textured
- DBT Dark Bronze Textured

<sup>4</sup> Smooth finishes are available upon request

#### Custom Finishes<sup>5</sup>

- CM Custom Match
- OI Old Iron
- RT Rust
- WBR Weathered Brown
- CD Cedar
- WBK Weathered Black
- TT Two Tone

<sup>5</sup> Custom colors require upcharge.

#### Sternberg Select Finishes

- VG Verde Green
- SI Swedish Iron
- OWGT Old World Gray Textured

## Specifications

### Fixture

The 962TC fixture shall be 14" wide and the overall height shall have 42". It shall be made of heavy wall cast aluminum, 356 alloy and lenses shall be made of vandal resistant acrylic. The fixture cage shall be cast in one piece and shall have a lift hinged door. The four paneled roof shall be closed with solid aluminum panels. The Luminaire shall be UL approved in US and Canada.

### Fitter

The fitter or base shall be heavy wall cast aluminum, 356 alloy for high tensile strength. It shall have an inside diameter opening to accept a 3" diameter pole or tenon. When ordered with a Sternberg aluminum pole, the fitter shall be set screwed to the pole top or tenon.

### LEDs

The luminaire shall use high output, high brightness LED's. They shall be mounted in arrays, on printed circuit boards designed to maximize heat transfer to the heat sink surface. The arrays shall be downward facing to minimize up-light. The LED's and printed circuit boards shall be environmentally friendly and 100% recyclable, they shall also be protected from moisture and corrosion by a conformal coating of 1 to 3 mils. They shall not contain lead, mercury or any other hazardous substances and shall be RoHS compliant. The LED life rating data shall be determined in accordance with IESNA LM-80. The High Performance white LED's will have a life expectancy of approximately 50,000 hours with not less than 70% of original brightness (lumen maintenance), rated at 25°C. The High Brightness, High Output LED's shall be 4500K (3500K or 2700K option) color temperature with a typical of 70 CRI. Consult factory for custom color CCT. The luminaire shall have a minimum \_\_\_\_\_ (see table) delivered initial lumen rating when operated at steady state with an average ambient temperature of 25°C (77°F).

### Optics

The luminaire shall be provided with individual, refractor type optics applied to each LED. The luminaire shall provide Type \_\_\_\_ (2, 3, 4 or 5) light distribution per the IESNA classifications. Testing shall be done in accordance with IESNA LM-79.

See next page

# 962TC-XRLED GLEN ELLYN SERIES

LED

## Electronic Drivers

The LED driver shall be U.L. Recognized. It shall be securely mounted inside the fixture, for optimized performance and longevity. It shall be supplied with a quick-disconnect electrical connector on the power supply, providing easy power connections and fixture installation. It shall have overload as well as short circuit protection, and have a DC voltage output, constant current design, 50/60HZ. It shall be supplied with line-ground, line-neutral and neutral-ground electrical surge protection in accordance with IEEE/ANSI C62.41.2 guidelines. It shall be dimmable using a 0-10v signal.

**For sources over 50w:** The driver shall have a minimum efficiency of 90%. The driver shall be rated at full load with THD<20% and a power factor of greater than 0.90. The driver shall contain over-heat protection.

**For sources under 50w:** The driver shall have a minimum efficiency of 88%.

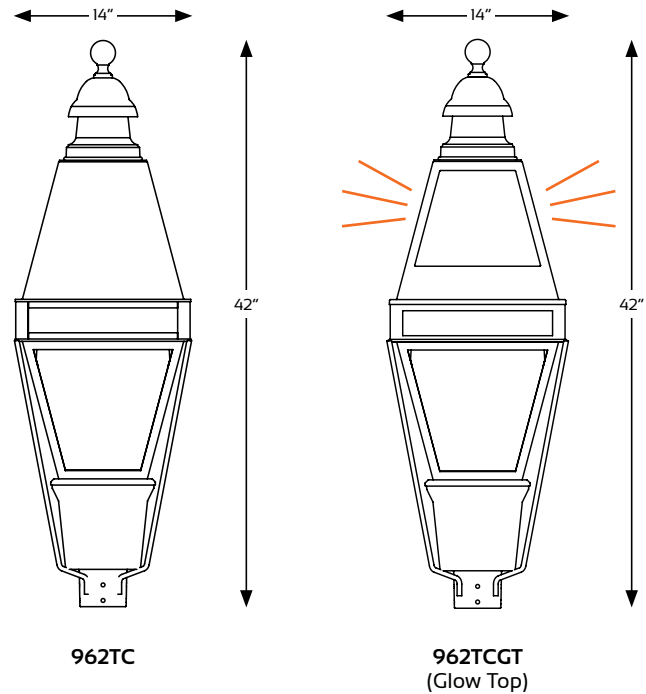
## Warranty

Five-year warranty. See product and finish warranty guide for details.

## Finish

Refer to website for details.

## Fixtures



## Performance (Based on CSA Lens)

| LIGHT SOURCE  | T2 DELIVERED LUMENS | EFFICACY (LPW) | T3 DELIVERED LUMENS | EFFICACY (LPW) | T4 DELIVERED LUMENS | EFFICACY (LPW) | T5 DELIVERED LUMENS | EFFICACY (LPW) | WATTAGE* |
|---------------|---------------------|----------------|---------------------|----------------|---------------------|----------------|---------------------|----------------|----------|
| 09L27T_-MDL07 | 1610                | 73.1           | 1600                | 72.6           | 1550                | 70.3           | 1670                | 75.9           | 22       |
| 09L35T_-MDL07 | 1895                | 86             | 1880                | 85.5           | 1820                | 82.8           | 1965                | 89.4           | 22       |
| 09L45T_-MDL07 | 2035                | 92.5           | 2025                | 92             | 1960                | 89             | 2115                | 96.1           | 22       |
| 09L27T_-MDL14 | 2860                | 59.6           | 2810                | 58.5           | 2745                | 57.1           | 2960                | 61.6           | 48       |
| 09L35T_-MDL14 | 3370                | 70.2           | 3310                | 68.9           | 3230                | 67.3           | 3485                | 72.6           | 48       |
| 09L45T_-MDL14 | 3625                | 75.5           | 3560                | 74.1           | 3470                | 72.3           | 3745                | 78             | 48       |
| 12L27T_-MDL14 | 4060                | 67.6           | 3960                | 66             | 3945                | 65.7           | 4120                | 68.6           | 60       |
| 12L35T_-MDL14 | 4780                | 79.6           | 4660                | 77.7           | 4640                | 77.4           | 4850                | 80.8           | 60       |
| 12L45T_-MDL14 | 5140                | 85.6           | 5010                | 83.5           | 4990                | 83.2           | 5210                | 86.9           | 60       |

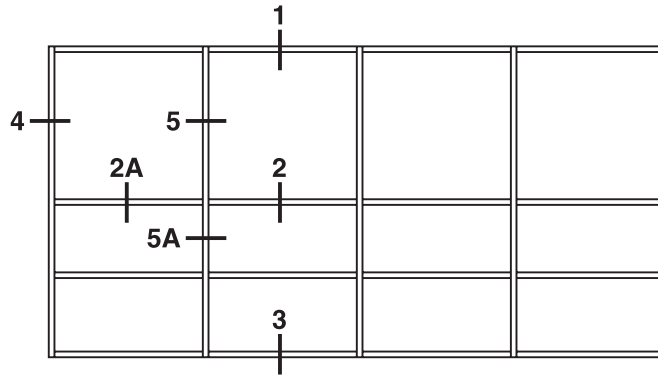
\*Glow top option adds 10 watts.

EC 97911-197

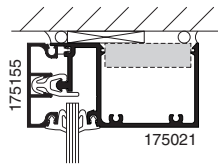
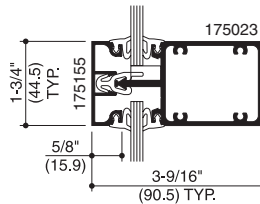
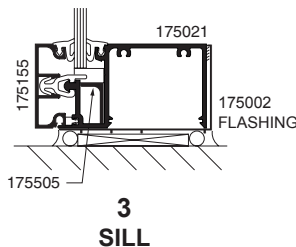
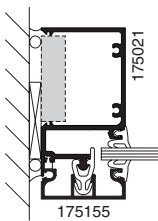
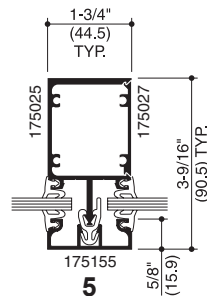
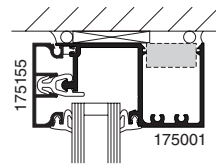
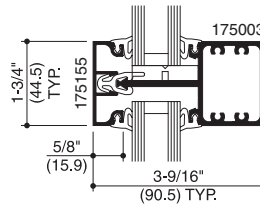
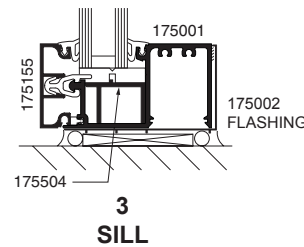
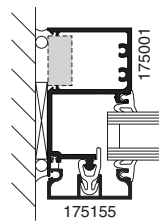
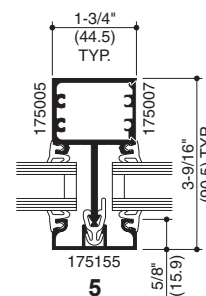
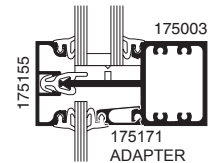
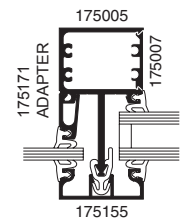
3-9/16" SYSTEM (SCREW SPLINE)

Additional information and CAD details are available at [www.kawneer.com](http://www.kawneer.com)

8 - Sample cutsheets - Refer to elevations for size and mullion configuration.



ELEVATION IS NUMBER KEYED TO DETAILS

**1/4" INFILL****1  
HEAD****2  
HORIZONTAL****3  
SILL****4  
JAMB****5  
MULLION****1" INFILL****1  
HEAD****2  
HORIZONTAL****3  
SILL****4  
JAMB****5  
SPLIT  
MULLION****2A  
HORIZONTAL  
W/ 1/4" ADAPTER****5A  
SPLIT MULLION  
W/ 1/4" ADAPTER**

Laws and building and safety codes governing the design and use of glazed entrance, window, and curtain wall products vary widely. Kawneer does not control the selection of product configurations, operating hardware, or glazing materials, and assumes no responsibility therefor.

Kawneer reserves the right to change configuration without prior notice when deemed necessary for product improvement.

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## DOOR TYPES/SECTION DIMENSIONS

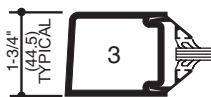
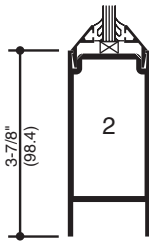
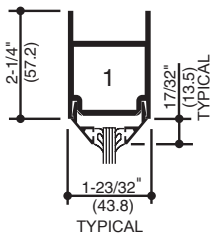
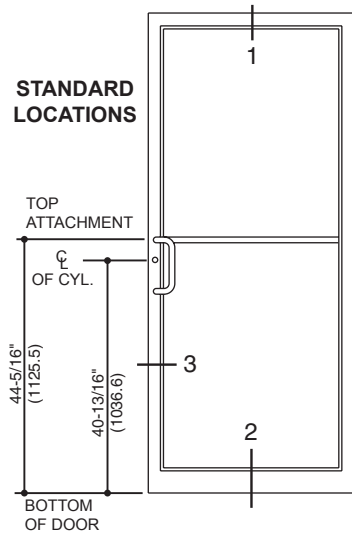
EC 97911-201

Additional information and CAD details are available at [www.kawneer.com](http://www.kawneer.com)

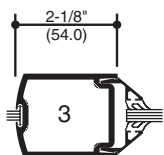
## 190 NARROW STILE

## 350 MEDIUM STILE

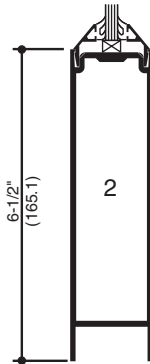
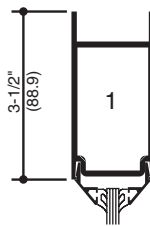
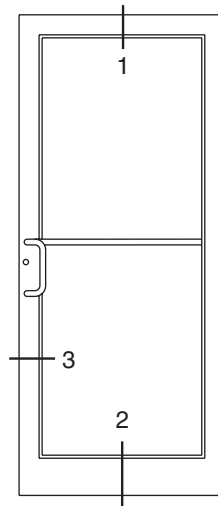
## 500 WIDE STILE

STANDARD  
LOCATIONS

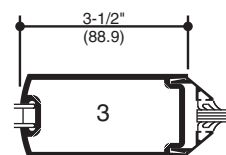
SINGLE ACTING



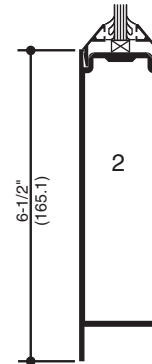
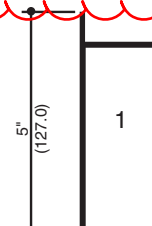
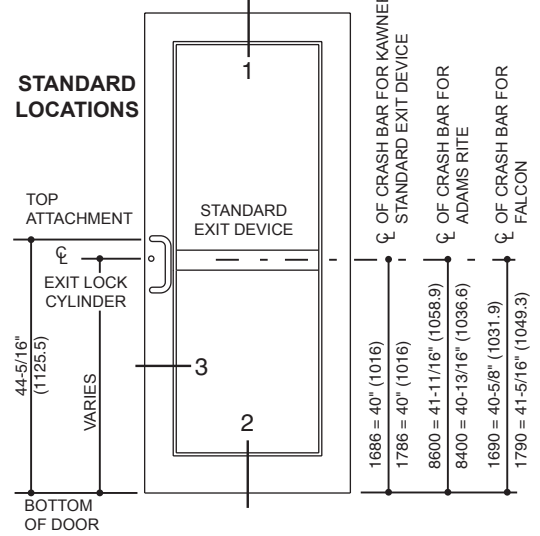
DOUBLE ACTING



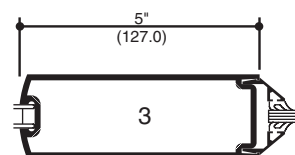
SINGLE ACTING



DOUBLE ACTING

STANDARD  
LOCATIONS

SINGLE ACTING



DOUBLE ACTING

Kawneer reserves the right to change configuration without prior notice when deemed

Laws and building codes governing the design and use of glazed

© Kawneer Company, Inc., 2019

Attachment: 11. Window and Door Details (4138 : 535 Duane Street - Exterior Alteration of Landmarked Property - New Construction)

R95-008327

95 JAN 20 PM 1:30

RECORDER  
DU PAGE COUNTY*Blaney*1900  
8  
BD  
  
VILLAGE OF GLEN ELLYNORDINANCE NO. 4214AN ORDINANCE DESIGNATING THE PROPERTY  
AT 535 DUANE STREET (GLEN ELLYN CIVIC CENTER)  
AS A GLEN ELLYN LANDMARKADOPTED BY THE  
PRESIDENT AND THE BOARD OF TRUSTEES  
OF THE  
VILLAGE OF GLEN ELLYN  
DUPAGE COUNTY, ILLINOIS  
THIS 28TH DAY OF NOVEMBER, 1999.Published in pamphlet form by  
the authority of the President  
and Board of Trustees of the  
Village of Glen Ellyn, DuPage  
County, Illinois, this 29TH  
day of NOVEMBER, 1999.✓  
PREPARED BY & RETURNED TO:  
VILLAGE CLERK  
VILLAGE OF GLEN ELLYN  
535 DUANE ST.  
GLEN ELLYN, IL 60137



ORDINANCE NO. 4214

AN ORDINANCE DESIGNATING THE PROPERTY  
AT 535 DUANE STREET (GLEN ELLYN CIVIC CENTER)  
<sup>21A</sup> AS A GLEN ELLYN LANDMARK

WHEREAS, on July 28, 1994, the Historical Sites Commission ("Commission") made a preliminary determination that the nominated property at 535 Duane Street (known as The Glen Ellyn Civic Center) be designated as a Glen Ellyn landmark; and

WHEREAS, following notification of said determination, the Village of Glen Ellyn, owner of the subject property, submitted written consent to the proposed designation; and

WHEREAS, in accordance with procedures established in Article 2, Ch. 13 of the Village Code, known as the Historical Preservation Ordinance ("Ordinance"), the Commission conducted a public hearing on November 17, 1994, on the question of whether the subject property meets one or more of the criteria set forth in Section 2-13-3(A) of the Ordinance and should be permanently designated a Glen Ellyn historical/architectural landmark and considered the evidence and testimony presented at the public hearing; and

WHEREAS, the Commission has submitted to the Board of Trustees of the Village of Glen Ellyn its final report of said hearing and its recommendation that the subject property be officially designated a historical/architectural landmark, a copy of which is appended hereto as Exhibit "A"; and

WHEREAS, the Village Board has reviewed the report and recommendation of the Commission and the applicable landmark designation criteria and finds that the subject property satisfies one or more of said criteria;

NOW, THEREFORE, BE IT ORDAINED by the President and Board of Trustees of the Village of Glen Ellyn, DuPage County, Illinois, in the exercise of its home rule powers, as follows:

SECTION 1: That the preamble of this ordinance is hereby incorporated into and made a part hereof as findings of the Village Board.

SECTION 2: That the Village Board hereby adopts the findings set forth in the report and recommendation of the Commission, Exhibit "A" appended hereto, regarding subject property located at 535 Duane Street in Glen Ellyn, Illinois, and legally described as follows:

Lot 3 and Lot 4 in Block 12 in County Clerk's Fifth Assessment Division, in Section 11, Township 39 North, Range 10, East of the Third Principal Meridian, according to the Plat thereof recorded July 3, 1906 as Document 88055, in DuPage County, Illinois and Lot 1 (except the South 19.96 feet of the West 212.8 feet thereof and except the West 100 feet thereof) in Subdivision of Lot 6 in Block 12 in Assessment Division of Section 11, Township 39 North, Range 10, East of the Third Principal Meridian, in DuPage County, Illinois

P.I.N.# 05-11-328-024.

SECTION 3: That the subject property is hereby determined to be a Glen Ellyn landmark because it satisfies the following criteria set forth in Section 2-13-3(A) of the Ordinance: (1) Its value as an example of the architectural, cultural, economic, historic, social, or other aspect of the heritage of the Village of Glen Ellyn, the State of Illinois, or the United States; (2) Its exemplification of an architectural type or style distinguished by rarity, uniqueness or overall quality of design, detail, materials or craftsmanship; (3) Its unique location or distinctive physical appearance or presence representing an established and familiar visual feature of a neighborhood, community, or the Village of Glen Ellyn.

SECTION 4: That by virtue of its satisfying the criteria specified herein, the subject property is hereby declared and designated a Glen Ellyn landmark, and the owner(s) of subject property is requested to affix a plaque to the property denoting said designation.

SECTION 5: That the Commission is authorized and directed to send a certified copy of the Ordinance and a summary report of the effects of designation to the owner(s) within ten(10) days of the passage of the Ordinance, and the Village Clerk is authorized and directed to file

R95 08327

or cause to be filed a certified copy of this Ordinance with the DuPage County Recorder of Deeds, and Milton Township Assessor and appropriate Village departments.

SECTION 6: The provisions and sections of this Ordinance shall be deemed to be separable, and the invalidity of any portion of this Ordinance shall not affect the validity of the remainder.

SECTION 7: This Ordinance shall be in full force and effect from and after its passage, approval and publication in the manner provided by law.

PASSED by the Village President and Board of Trustees of the Village of Glen Ellyn, Illinois, this 28TH day of NOVEMBER, 1994, on first reading, second reading not being requested.

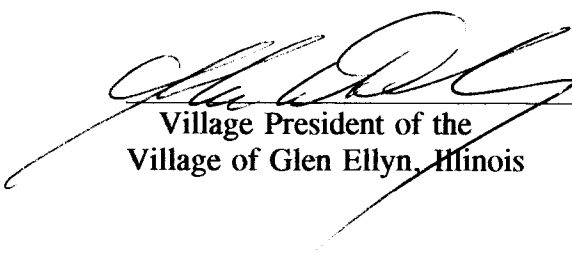
AYES: RENNARD, WARK, EILKERSON, MATHEWS, ROEPPEL

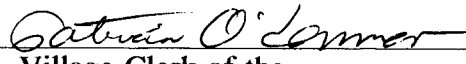
NAYS: - 0 -

ABSENT: FRANKE

APPROVED by the Village President of the Village of Glen Ellyn, Illinois, this 28TH day of NOVEMBER, 1994.

ATTEST:

  
Village President of the  
Village of Glen Ellyn, Illinois

  
Village Clerk of the  
Village of Glen Ellyn, Illinois

(Published in pamphlet form and posted on the 29TH day of NOVEMBER, 1994.)

Attachment: 12. Ordinance 4214 (4138 : 535 Duane Street - Exterior Alteration of Landmarked Property - New Construction)

**REPORT AND RECOMMENDATION  
OF THE  
GLEN ELLYN HISTORICAL SITES COMMISSION  
ON THE DESIGNATION OF  
535 DUANE STREET  
(GLEN ELLYN CIVIC CENTER)  
AS A GLEN ELLYN LANDMARK**

**TO: THE PRESIDENT AND VILLAGE BOARD OF TRUSTEES OF THE VILLAGE OF  
GLEN ELLYN, ILLINOIS.**

The Glen Ellyn Civic Center at 535 Duane Street has been nominated for designation as a Glen Ellyn Historical/Architectural Landmark.

The nomination was referred to the Historical Sites Commission to consider such a designation and conduct a public hearing thereon pursuant to the Village of Glen Ellyn Historical and Architectural Landmark Preservation Ordinance (#3825-VC). At its regular meeting on Thursday, July 28, 1994, the Historical Sites Commission made a preliminary determination that the nominated property be designated as a Glen Ellyn landmark. The Historical Sites Commission set the public hearing date for Thursday, November 17, 1994, and the meeting was held as scheduled. Notice of the hearing was published in the Glen Ellyn News on November 2, 1994, and distributed to properties within 250 feet of the subject property. A sign was also placed on the property announcing that there would be a public hearing concerning this site.

The Historical Sites Commission issued the following report and recommendation:

**I. REPORT**

- A. Location - The subject property is located on the south side of Duane Street one lot east of Main Street. The common address is 535 Duane Street.
- B. Characteristics of the Surrounding Area - The property is in the C5B District in the Central Business District. Businesses exist on two sides. Immediately to the east is a church and to the south is single and multifamily housing.

Report/Recommendation  
Historical Sites Commission  
535 Duane Street

- C. Public Hearing - Commissioner Marks noted the following for the record.

The property is eligible for the National Register of Historic Places and is an excellent example of adaptive reuse.

It was also noted that this property is an example of the Colonial Revival style of architecture.

The following exhibits were presented at the public hearing and made part of the official record concerning the designation of this property as a Glen Ellyn Landmark:

- Exhibit 1 - Historical landmark nomination form
- Exhibit 2 - Minutes from the meeting of July 28, 1994 showing a motion of resolution proposing property 535 Duane Street for designation as a Glen Ellyn landmark approved by the Historical Sites Commission. (Preliminary determination).
- Exhibit 3 - Written and notarized consent from a representative of the owners of record received October 4, 1994.
- Exhibit 4 - Planning report from the Planning and Development Director.

D. Historical Sites Commission findings -

1. The property was originally built as the Duane Street Junior High in 1927. The building was designed in a Colonial Revival Architectural style.
2. The property is eligible for the National Register of Historic Places.
3. The property is an excellent example of adaptive reuse of an historic structure. The property houses the Glen Ellyn Village offices and the Glen Ellyn Civic Center.



Report/Recommendation  
Historical Sites Commission  
535 Duane Street

## II. Recommendation

The Historical Sites Commission recommends that the Village Board approve the designation of property at 535 Duane Street as a Glen Ellyn landmark. The designation would be appropriate in that the property meets the following criteria set forth in Section 2-13-3(A) of Ordinance #3825-VC as follows:

(1) Its value as an example of the architectural, cultural, economic, social or other aspect of the heritage of the Village of Glen Ellyn, the State of Illinois, or the United States;

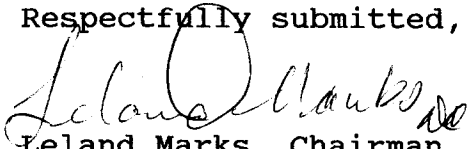
(2) Its exemplification of an architectural type of style distinguished by rarity, uniqueness or overall quality of design, detail, materials or craftsmanship;

(3) Its unique location or distinctive physical appearance or presence representing an established and familiar visual feature of a neighborhood, community, or the Village of Glen Ellyn.

The proposed designation will not have an adverse effect on the property or the neighborhood.

Upon motion to recommend approval, all members present voted "aye."

Respectfully submitted,

  
Leland Marks, Chairman  
Historical Sites Commission

Date of Hearing: November 17, 1994

C E R T I F I C A T I O N

I, Patricia A. O'Connor, duly elected Village Clerk of the Village of Glen Ellyn, Illinois, do hereby certify that the attached is a true and correct copy of Ordinance No. 4214 passed by the Board of Trustees of the Village of Glen Ellyn, Illinois, at the REGULAR Meeting of said Board held on the 28TH day of NOVEMBER, 1994, and that the same was signed and approved by the President of said Village on the 28TH day of NOVEMBER, 1994.

I do further certify that the original, of which the attached is a true and correct copy, is entrusted to me as Village Clerk of said Village for safekeeping and that I am the lawful custodian and keeper of the same.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed the corporate seal of the Village of Glen Ellyn, Illinois, this 18TH day of JANUARY, 1995.

Patricia A. O'Connor  
Village Clerk

CORPORATE SEAL

indigenous materials.

-It is one of the few remaining examples of a particular architectural style.

-Its exemplification of an architectural type or style distinguished by innovation, rarity, uniqueness or overall quality of design, detail, materials or craftsmanship.

-Its representation of an architectural, cultural, economic, historic, social or other theme expressed through distinctive areas, districts, places, buildings, structures, works of art or other objects that may or may not be contiguous.

-Its unique location or distinctive physical appearance or presence representing an established and familiar visual feature of a neighborhood, community or the Village.

-Its identification with a person with a person or persons who significantly contributed to architectural, cultural, economic, historic, social, or other aspect of the development of the Village of Glen Ellyn, the State of Illinois or the United States.

The HPC discusses the property application. The HPC would also like to include the Gazebo which is also part of the history of the property. It was built 1920-1930. Commissioner Darga thinks this is a great house. Commissioner Dieter agrees and would also like to include the Gazebo.

Commissioner Manak makes a motion by resolution for a preliminary determination that the property at 475 Hawthorne Blvd qualifies for land marking. Commissioner Darga seconds the motion.

MOVE TO A PRELIMINARY DETERMINATION THAT THE PROPERTY AT 475 Hawthorne Blvd QUALIFIES FOR LAND MARKING

RESULT: Motion Unanimously Carried

MOVER: Commissioner Manak

SECONDER: Commissioner Darga

Village Planner Purvis adds the next step is a public hearing. We will notify Lee Marks of that date.

2. *Preliminary Approval: Exterior Alteration to a Landmarked Property request to allow the construction of a four-story public parking garage on the property located at 535 Duane Street, commonly known as the Glen Ellyn Civic Center.* Staff Planner Ashbaugh outlines the process for tonight's meeting. She will make a presentation to the HPC board regarding the four-story public parking garage. Once the presentation is completed, the HPC shall review the Application for Exterior Alteration of a Landmarked Property and determine if the proposed work will adversely affect or destroy any significant historical or architectural feature of the Landmarked Property. The HPC is asked to make a preliminary approval or disapproval of the subject request. Once the final determination is given by the HPC it will be presented to the Village board on December 9, 2019. Staff Planner Ashbaugh presents the information to the HPC regarding the public parking garage (see attached presentation). The presentation details information on the

following topics: parking garage application, proof of ownership, plat of survey (existing conditions), photos (existing conditions), aerial photo, proposed site plan, proposed elevations, proposed materials, renderings, light fixture specs, window and door details and ordinance 4214. Upon completion of the presentation, Commissioner Manak asks how many parking spots will be in the garage and will there be a fee to park there. Assistant City Manager Holmer replies there will be about 277 spots and yes and no to a fee to park there. There will be some spots for commuter parking which will have fees as well as apartment residents' use.

Chairman Loftus asks about the light fixtures on the top of the building. Candace Small from Mortensen replies that we went with 4 light poles on the top level and a more modern approach to lighting to help with light spillage. Assistant Manager Holmer adds our major goal was to work with neighbors on its impact and fixture placement and illuminate enough light on the deck without adversely affecting the neighboring residents. Commissioner Manak adds it's a balancing act with aesthetics, security and safety. He favors the lighting. Candace Small adds we did work with Public Works to make sure the lights on the ground match.

Commissioner Darga asks for clarifications on elevations with respect to breaking ground near the Civic Center. Crystal Holowell from Shive Hattery replies that sheet piling will be used as an earth retention system near the Civic Center.

Chairman Loftus asks about the design for the garbage dumpster enclosure. Candace Small adds it will match the existing building. All dumpster enclosures must match the existing buildings.

Chairman Loftus asks the HPC for a motion to grant preliminary approval of an exterior alteration for a Landmarked Property, being 535 Duane Street.

Commissioner Manak motions, Having considered the application of the Village of Glen Ellyn, for an Exterior Alteration to a Landmarked Property to allow new construction of a four-story public parking garage on the Landmarked Property located at 535 Duane Street., the Historic Preservation Commission hereby:

A. Adopts the findings in the staff report prepared by the Village of Glen Ellyn Community development Department and presented at the September 19, 2019 Historic Preservation Commission Public meeting.

B. Adopts the findings included in the deliberations of the Historic Preservation Commission.

C. Grants PRELIMINARY APPROVAL of the requested Exterior Alteration to a Landmarked Property, as it meets the following criteria:

1. That the proposed work will not adversely affect any significant historical or architectural feature of the improvement or of the district
2. That the proposed work is in compliance with the Standards for Rehabilitation set forth by the United States Secretary of the Interior at 36 CFR 67, as amended;

3. That the proposed work is in compliance with the Commission's published procedures and regulations;

D. Directs the Village of Glen Ellyn Community Development Department staff to proceed in its usual manner to review the application. Commissioner Darga seconds the motion.

MOVE TO A PRELIMINARY Approval of an Exterior Alteration for a Landmarked Property, being 535 Duane Street

RESULT: Motion Unanimously Carried

MOVER: Commissioner Manak

SECONDER: Commissioner Darga

AYES: Loftus, Darga, Hood, Manak

NAYS: 0

ABSTAINS: Dieter

3. *Discussion on Potential Landmarking Process Update:* Village Planner Purvis discusses with the HPC on changing the landmarking process from a 2-step process to a 1-step process when a property is nominated for landmarking by the property owner. This change will make the process more efficient. It will reduce the number of required meetings before the HPC from 2 to 1. The HPC can determine landmark eligibility, hold a public hearing and make a recommendation to the Village board all at one meeting. The process will remain a 2-step process should a property be nominated by someone other than the property owner. The HPC agrees to the process change. Village Planner Purvis will rewrite the code and process and bring it to the next HPC meeting for approval.

**F. OLD BUSINESS** - None

**G. HISTORICAL SOCIETY BUSINESS** – Historical Society Director Hall reports we have some events coming up. The Smithsonian is this Saturday. Tavern Day and Story Time for Children return.

**H. CHAIRMAN REPORT** – No report

**I. VILLAGE BOARD TRUSTEE REPORT** – Trustee Enright reports the budget process is starting and including in that is the CBD streetscape project and parking garage. There are also mockups of the new streetscape downtown and we are looking for feedback on these samples.





## REPORT TRANSMITTAL

February 22, 2019

To: **Candace Small,**  
**AIA, Design Phase Manager**



300 Park Boulevard, Suite 100  
Itasca, Illinois 60143

Re: **Geotechnical Engineering Services Report**  
Proposed Glen Ellyn Civic Center Parking  
Structure  
Glen Ellyn, Illinois 60137

Rubino Report No. G19.004

Via email: [candace.small@mortenson.com](mailto:candace.small@mortenson.com)

Dear Ms. Small,

Rubino Engineering, Inc. (Rubino) is pleased to submit our Geotechnical Engineering Services Report for the proposed Glen Ellyn Parking Garage in Glen Ellyn, Illinois.

### Report Description

Enclosed is the Geotechnical Services Report including results of field and laboratory testing, as well as recommendations for foundation design, pavement design, and general site development.

### Authorization and Correspondence History

- Rubino Proposal No. Q18.553g\_REV3 dated December 12, 2018; Signed and authorized by M.A. of Mortenson Company on January 21, 2019.

### Closing

Rubino appreciates the opportunity to provide geotechnical services for this project and we look forward to continued participation during the design and in future construction phases of this project.

If you have questions pertaining to this report, or if Rubino may be of further service, please contact our office at (847) 931-1555.

Respectfully submitted,  
**RUBINO ENGINEERING, INC.**

Michelle A. Lipinski, PE  
President

[michelle.lipinski@rubinoeng.com](mailto:michelle.lipinski@rubinoeng.com)

MAL/file/ Enclosures

**PROPOSED GLEN ELLYN CIVIC  
CENTER PARKING STRUCTURE**

**535 DUANE STREET**

**GLEN ELLYN, ILLINOIS**

**RUBINO PROJECT No. G19.004**

# ***Geotechnical Engineering Services Report***

*Drilling  
Laboratory Testing  
Geotechnical Analysis*

**PREPARED BY:**

**rubino**  
ENGINEERING INC.

**Michelle A. Lipinski, PE  
President  
IL No. 062-061241, Exp. 11/30/19**

**PREPARED FOR:**

**MORTENSON AND WALKER  
CONSULTANTS**

**2895 GREENSPPOINT PARKWAY, STE.  
600**

**HOFFMAN ESTATES, ILLINOIS**

**FEBRUARY 22, 2019**

Proposed Glen Ellyn Civic Center Parking Structure II  
 Rubino Project No. G19.004  
 February 22, 2019

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 Appendix H - Soil Classification Chart  
 Appendix I – Site Vicinity Map & Boring Location Plans  
 Appendix J – Boring Logs and Soil Profiles  
 Appendix K – Laboratory Results  
 Appendix L – Pressuremeter Results

## PROJECT INFORMATION

Rubino Engineering, Inc. (Rubino) understands that Mortenson and Walker Consultants are planning to construct a new parking garage behind the existing Glen Ellyn Civic Center in Glen Ellyn, Illinois.

The Glen Ellyn Civic Center Parking Structure will be a four-level structure located south of the existing Glenn Ellyn Civic Center (535 Duane Street, Glenn Ellyn, IL 60137). The supported levels will be either pre-cast, prestressed concrete or post-tensioned, cast-in-place concrete. The lower level, which is cut below the existing grade, will be slab-on-grade. The lower level will be approximately 10'-0" below the ground tier of directly adjacent structures. This facility is located in Glen Ellyn, Illinois where the governing building code is the 2009 International Building Code with amendments by the Village of Glen Ellyn, Illinois.

### GENERAL

1. Structural design is based on the 2009 International Building Code with Amendments.
2. Type of structure: Parking Structure; three supported level. The structure footprint is approximately 126'-6" (north to south) by 200'-6" (east to west).
3. Identify which foundation system is recommended for this structure, either shallow or deep foundations.
4. Allowable structure settlement: 1.0" total, 0.5" differential

### Structural Loads / Pavement Design Criteria includes the following:

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <ul style="list-style-type: none"> <li>• Garage footprint = 200'-6" x 126'-6"</li> <li>• Typical column grid = 61'-6" x 20'-10"</li> <li>• Typical interior column loads (un-factored): <ul style="list-style-type: none"> <li>• Dead = 500 kips</li> <li>• Live = 180 kips</li> </ul> </li> <li>• Typical exterior column loads (un-factored): <ul style="list-style-type: none"> <li>• Dead = 250 kips</li> <li>• Live = 90 kips</li> </ul> </li> <li>• Typical Wall Load (un-factored): <ul style="list-style-type: none"> <li>• Dead = 25 kip/ft</li> <li>• Live = 10 kip/ft</li> </ul> </li> </ul> | <ul style="list-style-type: none"> <li>• Bearing walls preliminary loading (service): <ul style="list-style-type: none"> <li>• Dead: 16 kip/ft</li> <li>• Live (not reduced): 5 kip/ft</li> <li>• Snow: 0.65 kip/ft</li> </ul> </li> <li>• Light Walls preliminary loading (service): <ul style="list-style-type: none"> <li>• Dead: 22 kip/ft</li> <li>• Live (not reduced): 8 kip/ft</li> <li>• Snow: 1 kip/ft</li> </ul> </li> <li>• Column preliminary loading (service): <ul style="list-style-type: none"> <li>• Dead: 370 kip</li> <li>• Live (not reduced): 175 kip</li> <li>• Snow: 22 kip</li> </ul> </li> </ul> |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

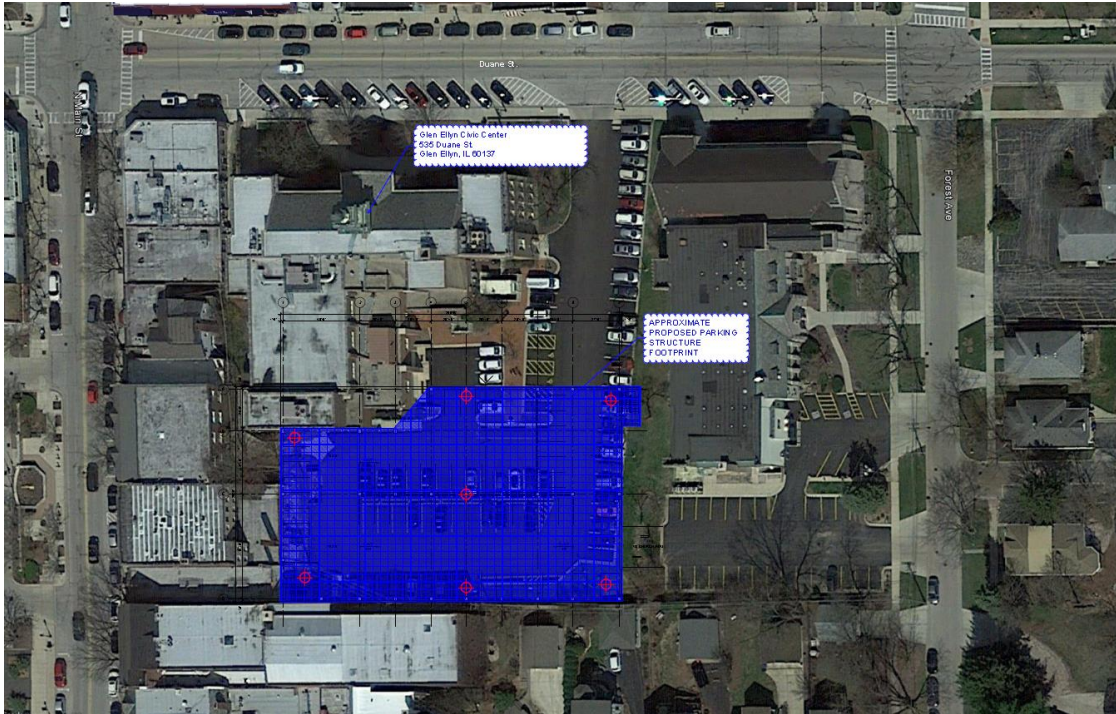
### Site Grading Criteria received is as follows:

- Site grading including cuts of approximately 10 to 12 feet for a basement level and fills being less than 1 foot

### Documents received:

- Boring Location Plan (see below)





- “Architectural Site Plan, Sheet A-010” prepared by Walker Consultants, received February 11, 2019.
- “Third Tier Plan, Sheet S-104” prepared by Walker Consultants, received February 11, 2019.
- “2019-02-11 Geotech Coordination” prepared by Walker Consultants, received February 20, 2019.
- “19-7005 PRELIM TOPO 2019-02-08” prepared by Walker Consultants, received February 12, 2019.

**Project Correspondence:**

- RFP Email from Walker Parking dated November 27, 2018
- Email from Grace Duchaj of Walker Consultants with updated loading information and attached architectural and structural drawings dated February 11, 2019

The geotechnical recommendations presented in this report are based on the available project information and the subsurface materials described in this report. If any of the information on which this report is based is incorrect, please inform Rubino in writing so that we may amend the recommendations presented in this report (if appropriate, and if desired by the client). Rubino will not be responsible for the implementation of our recommendations if we are not notified of changes in the project.

**Purpose / Scope of Services**

The purpose of this study was to explore the subsurface conditions at the site in order to prepare geotechnical recommendations for foundation design and general site development for the proposed construction. Rubino’s scope of services included the following drilling program:





**Table 1: Drilling Scope**

| NUMBER OF BORINGS | DEPTH (FEET BEG*) | LOCATION                 |
|-------------------|-------------------|--------------------------|
| 4                 | 30                | See Boring Location Plan |
| 3                 | 50                | See Boring Location Plan |

\*BEG = below existing grade

Representative soil samples obtained during the field exploration program were transported to the laboratory for additional classification and laboratory testing.

This report briefly outlines the following:

- Summary of client-provided project information and report basis
- Overview of encountered subsurface conditions
- Overview of field and laboratory tests performed including results
- Geotechnical recommendations pertaining to:
  - Subgrade preparation and cut / fill recommendations
  - Foundations, including suitable foundation type(s), allowable bearing pressure(s), and estimated settlement
- Construction considerations, including temporary excavation and construction control of water

## DRILLING, FIELD, AND LABORATORY TEST PROCEDURES

Mortenson and Walker Consultants selected the number of borings and the boring depths. Rubino located the borings in the field by measuring distances from known fixed site features. The borings were advanced utilizing 3 ¼ inch inside-diameter, hollow stem auger drilling methods and soil samples were routinely obtained during the drilling process.

Selected soil samples were tested in the laboratory to determine material properties for this report. Drilling, sampling, and laboratory tests were accomplished in general accordance with ASTM procedures. The following items are further described in the Appendix of this report.

- *Field Penetration Tests and Split-Barrel Sampling of Soils (ASTM D1586)*
- *Field Water Level Measurements*
- *Laboratory Determination of Unconfined Compressive Strength (ASTM D2166)*
- *Laboratory Determination of Water (Moisture) Content of Soil by Mass (ASTM D2216)*
- *Laboratory Organic Content by Loss on Ignition (ASTM D2974)*
- *Laboratory Determination of Atterberg Limits (ASTM D4318)*



- *Field Pressuremeter Testing (ASTM D4719)*

The laboratory testing program was conducted in general accordance with applicable ASTM specifications. The results of these tests are to be found on the accompanying boring logs located in the Appendix.

## EXECUTIVE SUMMARY OF GEOTECHNICAL CONSIDERATIONS

The main geotechnical design and construction considerations at this site are:

### SURFACE CONDITIONS

- In general, the **asphalt thicknesses** ranged between 4 and 6 inches. See Surface Conditions section for more information.
- In general, the **subbase stone** thickness ranged between 8 and 12 inches. See Surface Conditions section for more detailed information.

### SUBSURFACE CONDITIONS

- **Subgrade soils** generally consisted of brown to gray, stiff to very stiff silty clay soils. See Subsurface Conditions section for more detailed information.
  - **Undocumented fill** was observed in borings B-05 and B-04 to depths ranging from about 1 to 6 feet below existing grade during the drilling operations. See Undocumented Fill Discussion section for more detailed information.
- **Groundwater** was observed within some of the borings during drilling, however seasonal high groundwater elevations are estimated to be shallower. See Groundwater Conditions and Dewatering section for more information.

### BUILDING STRUCTURE

- **Shallow Foundations** are a possible foundation design option at this site. See Foundation Recommendations section for more detailed information.

The geotechnical-related recommendations in this report are presented based on the subsurface conditions encountered and Rubino's understanding of the project. Should changes in the project criteria occur, a review must be made by Rubino to determine if modifications to our recommendations will be necessary.



## SITE AND SUBSURFACE CONDITIONS

### Site Location and Description

The subject property is currently occupied by a parking lot located south of Duane Street, behind the Glen Ellyn Civic Center in Glen Ellyn, Illinois.



The site has an approximate latitude and longitude of 41.874726° N and -88.065744° W, respectively.

### Surface Conditions

Borings were taken within existing paved areas and the surface conditions are summarized in the table below.

Please note that the referenced thicknesses are considered approximate and based on visual classifications in the borehole. Pavement and sub-base type and thickness may vary between core locations. More specific pavement thickness would need to be determined by obtaining a physical pavement core.



**Table 2: Existing Pavement Section Summary**

| LOCATION / BORING #                    | TOTAL OBSERVED<br>PAVEMENT<br>THICKNESS<br>(IN) | TOTAL OBSERVED<br>BASE STONE<br>THICKNESS<br>(IN) |
|----------------------------------------|-------------------------------------------------|---------------------------------------------------|
| B-01 (Northwest Corner of Parking Lot) | 4 inches Asphalt                                | 8 inches Subbase Stone                            |
| B-02 (North side of Parking Lot)       | 4 inches Asphalt                                | 12 inches Subbase Stone                           |
| B-03 (Middle of Parking Lot)           | 4 inches Asphalt                                | 10 inches Subbase Stone                           |
| B-04 (Northeast Corner of Parking Lot) | 5 inches Asphalt                                | n/a                                               |
| B-05 (Southeast Corner of Parking Lot) | 4 inches Asphalt                                | 10 inches Subbase Stone                           |
| B-06 (South side of Parking Lot)       | 6 inches Asphalt                                | 8 inches Subbase Stone                            |
| B-07 (Southwest Corner of Parking Lot) | 6 inches Asphalt                                | 10 inches Subbase Stone                           |

**Subsurface Conditions**

Beneath the existing surficial pavement, undocumented fill soils, or gravel, subsurface conditions generally consisted of brown and gray silty clay, brown and gray sandy silt, and well-graded gravel.

- The **undocumented fill** soils were generally cohesive in nature or containing deleterious materials.
- The native **silty clay** soils were generally soft to very stiff in consistency
- The **granular** soils were generally medium dense in apparent density

**Table 3: Subsurface Conditions Summary**

| DEPTH<br>RANGE<br>(FEET<br>BEG*)                        | SOIL DESCRIPTION                                         | SPT N-<br>VALUES<br>(BLOWS PER<br>FOOT*) | MOISTURE<br>CONTENT<br>(%) | UNCONFINED<br>COMPRESSIVE<br>STRENGTH RANGE (TSF) |
|---------------------------------------------------------|----------------------------------------------------------|------------------------------------------|----------------------------|---------------------------------------------------|
| <b>Glen Ellyn Parking Structure (B-01 through B-07)</b> |                                                          |                                          |                            |                                                   |
| 762 – 756                                               | UNDOCUMENTED FILL                                        | 6 – 43**                                 | 11 – 26                    | (B-04 & B-05)                                     |
| 761 – 750                                               | Stiff to very stiff, brown to gray silty<br>CLAY         | 7 – 19                                   | 10 – 27                    | 1.5 tsf – 4.0 tsf                                 |
| 750 – 710                                               | Medium / stiff, gray silty CLAY with Silt<br>seams       | 11 – 17                                  | 12 – 22                    | 1.5 tsf – 4.0 tsf                                 |
| 715 – 712                                               | Medium dense, gray well-graded<br>SAND with fines (B-01) | 20                                       | ---                        | n/a                                               |

\*BEG = Below existing grade



\*\*High N Values possibly due to frozen ground

The native soils were visually classified as silty clay (CL), silt (ML), well – graded sand (SW), and well – graded gravel (GW) according to the Unified Soil Classification System (USCS). The above table is a general summary of subsurface conditions. Please refer to the boring logs for more detailed information. Estimated shear strength of clay soils is based on empirical correlations using N-values, moisture content, and unconfined compressive strength.

### Groundwater Conditions

Groundwater was encountered in some of the borings during drilling operations. The following table summarizes groundwater observations from the field:

**Table 4: Groundwater Observation Summary**

| BORING NUMBER | GROUNDWATER LEVEL DURING DRILLING (FEET*) | GROUNDWATER LEVEL UPON AUGER REMOVAL (FEET*) | ESTIMATED SEASONAL HIGH GROUNDWATER ELEVATION (FEET)** |
|---------------|-------------------------------------------|----------------------------------------------|--------------------------------------------------------|
| B-01          | 48 ½ feet                                 | N/A                                          | 9 – 12 feet below existing grade                       |
| B-02          | 48 ½ feet                                 | N/A                                          |                                                        |
| B-03          | 44 ½ feet                                 | N/A                                          |                                                        |
| B-07          | 18 ½ feet                                 | N/A                                          |                                                        |

\*Depth below existing grade

\*\*Based on the color change of the soil from brown to gray

It should be noted that fluctuations in the groundwater level should be anticipated throughout the year depending on variations in climatological conditions and other factors not apparent at the time the borings were performed.

Groundwater may not have been observed in some areas or elevations due to the low permeability of soils. Additionally, discontinuous zones of perched water may exist within the soils.

The possibility of groundwater level fluctuation should be considered when developing the design and construction plans for the project.

## EVALUATION AND RECOMMENDATIONS

The geotechnical-related recommendations in this report are presented based on the subsurface conditions encountered and Rubino's understanding of the project. Should changes in the project criteria occur, a review must be made by Rubino to determine if modifications to our recommendations will be necessary.





### Undocumented Fill Discussion

**Undocumented fill was observed** in Borings B-04 and B-05 of the borings to depths ranging from about 1 to 6 feet below existing grade. Undocumented fill was likely placed during original site development.

Where existing fill is encountered, Rubino recommends that structure foundations extend through the fill materials and be supported on suitable soils, cured flowable fill, or compacted and documented structural fill. See the Foundation Recommendation Section for more details.

**Undocumented fill** is defined as fill that has been placed without being documented as to its placed density and moisture content.

**Deleterious materials** could include, but are not limited to, bricks, asphalt, concrete, metal, wood, or other building debris.

**Deleterious materials were observed** within the undocumented fill materials during the drilling operations. Deleterious materials could be present within the undocumented fill materials at other locations along the project.

### Site Preparation & Fill Recommendations

The following comments are considered site-specific. To reference general subgrade preparation recommendations and compaction recommendations, please refer to the Appendix of this report.

- During construction, the site should be stripped of existing concrete, foundations, abandoned utilities, and pavement sections including asphalt, subbase, and curbs if applicable.
- Please note that clay subgrade soils are sensitive to moisture and can be easily disturbed by precipitation, groundwater, or construction equipment. Therefore, extra care should be used to avoid disturbing these soils during construction activities.

### Dewatering Recommendations

Dewatering may be necessary during excavation of saturated soils due to presence of sand seams or other conditions not apparent at the time of drilling. Shoring or trench boxes may be required where the soils are saturated or have low shear strengths. Please reference the anticipated groundwater levels on the attached boring logs and in the Groundwater Conditions section of this report.

Based on the seasonal high groundwater elevations estimated herein, Rubino recommends incorporating a waterproofing system and drainage with sumps if applicable to the basement wall design.



## Foundation Recommendations

### Design – Soil Bearing Pressure

The proposed structure can be supported on shallow, spread footing foundations. As discussed previously, Rubino recommends that foundations extend through undocumented fill soils and be supported on the stiff to very stiff silty clay soils or compacted and documented structural fill.

Maximum net allowable soil bearing pressures based on dead load plus design live load for sizing the shallow foundations:

**Table 5: Bearing Capacity Recommendations**

|                                                        |                                                          |
|--------------------------------------------------------|----------------------------------------------------------|
| <b>Maximum Net Allowable Soil Bearing Pressure:</b>    | 6,200 psf                                                |
| <b>Anticipated Bearing Elevation (Basement Level):</b> | 751 feet Top of Basement Slab<br>748 feet Top of Footing |
| <b>Factor of Safety:</b>                               | 2.5                                                      |
| <b>Bearing Soil Description:</b>                       | Brown or Gray Silty Clay<br>$Q_u \geq 2.0$ tsf           |
| <b>Foundation Min. Embedment Depth:</b>                | 3 ½ feet or to suitable bearing                          |
| <b>Minimum Dimensions:</b>                             | 2 ft.                                                    |
| <b>Estimated Total Settlement:</b>                     | < 1 inch                                                 |

The net allowable soil bearing pressure is based on dead load plus design live load and represents the pressure that is in excess of the minimum surrounding overburden pressure at the footing base elevation. Rubino does not recommend allowing an increase in pressure due to live loads for design.

### Design / Construction – Frost Protection

**Exterior footings** should be located at a depth of at least 3 ½ feet below the outside final exterior grades to provide adequate frost protection. If the structure is constructed during winter months or if the footings will likely be subjected to freezing temperatures after construction is completed, then the footings should be protected from freezing.

- **Fine-grained soils such as silts and clays are susceptible to moisture fluctuations and freezing weather**, therefore concrete for the foundations should ideally be poured right after the foundations have been dug and formed if rain is being predicted. Otherwise, foundations that have already been excavated should be protected from rain or surface runoff water.



### Design – Settlement Estimate

Based on the known subsurface conditions, laboratory testing, and past experience, Rubino anticipates that properly designed and constructed footings supported on the recommended, observed and documented natural soils, or properly compacted structural fill should experience maximum total and differential settlements between 20 feet of strip footing or adjacent columns of less than 1 inch and  $\frac{3}{4}$  inches, respectively.

### Alternative Foundation Types

Rubino has provided recommendations for shallow foundations for this site, however there are other options that can be considered by the owner if the foundation loads increase enough to cause excessive settlement or make shallow foundations economically unfeasible.

Alternative foundation options could include:

- Mat (Floating) Foundation
- Drilled Piers

### ***Slab on Grade Recommendations***

Based on the site grading information provided by the client and the encountered subsurface conditions, the anticipated floor slab bearing soil is brown to gray silty clay.

Subgrade soils should be proofrolled and documented by the geotechnical engineer of record prior to placing the floor slab, or inspected and approved newly placed, properly compacted and documented structural fill which extends to original soils as described herein.

Provided that the subgrade and/or properly compacted and documented structural fill, a modulus of subgrade reaction,  $k$  value, of 120 pounds per cubic inch (psi/inch) may be used in the grade slab design. This value is calculated using empirical correlations based on a 1 ft. x 1 ft. plate load test. However, depending on how the slab load is applied, the value will have to be geometrically modified as outlined Floor slab section in **Appendix E** of this report.

Floor slab subgrade preparation should be in accordance with the recommendations outlined in the Site Preparation & Fill Requirements section in the Appendices B and C of this report.

### ***Lateral Earth Pressures for Below Grade Walls***

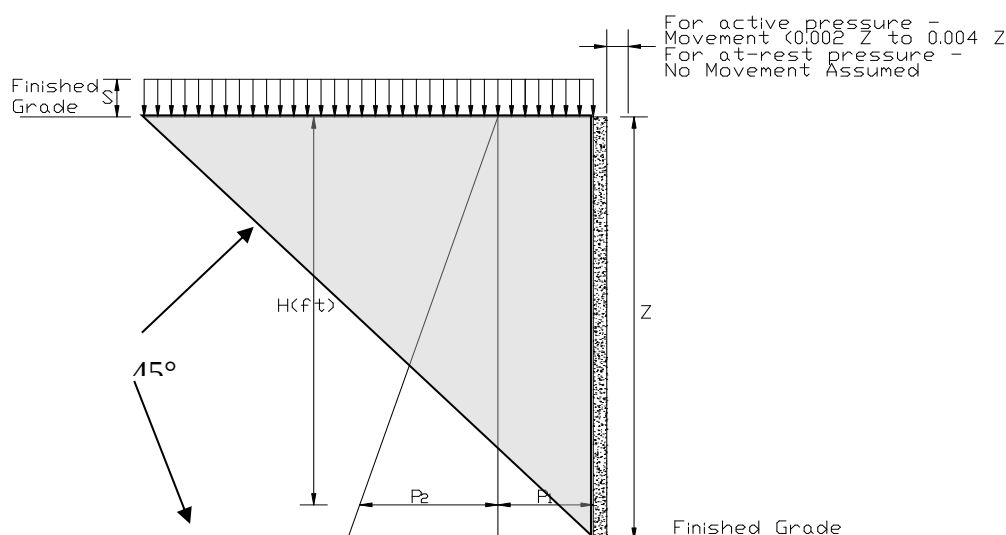
Walls with unbalanced backfill levels on opposite sides, such as below-grade walls, should be designed for earth pressures at least equal to those indicated in the following table. Earth pressures will be influenced by the structural design of the walls, conditions of wall restraint, methods of construction and/or compaction and the strength of the materials being restrained. Recommended parameters for use in below grade walls are as follows:



**Table 8: Lateral Earth Pressures**

| EARTH PRESSURE CONDITIONS | COEFFICIENT FOR BACKFILL TYPE IN SHADED AREA | EQUIVALENT FLUID PRESSURE (PCF) | SURCHARGE PRESSURE P1 (PSF) | EARTH PRESSURE P2 (PSF) |
|---------------------------|----------------------------------------------|---------------------------------|-----------------------------|-------------------------|
| Active ( $K_a$ )          | Granular – 0.35                              | 44                              | (0.35)S                     | (44)H                   |
|                           | Clay – 0.36                                  | 45                              | (0.36)S                     | (45)H                   |
| At-Rest ( $K_o$ )         | Granular – 0.51                              | 64                              | (0.51)S                     | (64)H                   |
|                           | Clay – 0.53                                  | 67                              | (0.53)S                     | (67)H                   |
| Passive ( $K_p$ )         | Granular – 2.9                               | 363                             | -                           | -                       |
|                           | Clay – 2.8                                   | 350                             | -                           | -                       |

## EARTH PRESSURE COEFFICIENTS



Lateral earth pressure is developed from the soils present within a wedge formed by the vertical below-grade wall and an imaginary line extending up and away from the bottom of the wall at an approximate 45° angle.

The following equations were used to calculate the earth pressure coefficients “k”.

|          |                                     |                                                                                                                         |
|----------|-------------------------------------|-------------------------------------------------------------------------------------------------------------------------|
| At-Rest: | $k_o = 1 - \sin \phi$               | If the walls are rigidly attached to the structure and not free to rotate or deflect at the top such as shallow tunnels |
| Active:  | $k_a = \tan^2(45 - \frac{\phi}{2})$ | Walls that are permitted to rotate and deflect at the top                                                               |
| Passive: | $k_p = \tan^2(45 + \frac{\phi}{2})$ | Passive pressure should be determined using a factor of safety of 2.0                                                   |

Conditions applicable to the above coefficients include:

- For active earth pressure, wall must rotate about base, with top lateral movements 0.002Z to 0.004Z, where Z is the wall height



- For passive earth pressure, wall must move horizontally to mobilize resistance
- Uniform surcharge, where S is surcharge pressure
- In-situ soil backfill weight a maximum of 130 pcf for lean clay and 125 pcf for granular soils
- Horizontal backfill, compacted to at least 95% of standard Proctor maximum dry density
- Loading from heavy compaction equipment not included
- No groundwater acting on wall
- No safety factor included
- Ignore passive pressure frost depth zone
- The minimum factor of safety for overturning and sliding analysis is 1.5

Backfill placed against structures should consist of granular soils or low plasticity cohesive soils. For granular values to be valid, the granular backfill must extend out from base of the wall at an angle of at least 45 and 60 degrees from vertical for the active and passive cases, respectively.

To calculate the resistance to sliding, a value of 0.33 should be used as the allowable coefficient of friction between the footing and the underlying silty clay soils.

### Equivalent Fluid Pressure

The values presented above were calculated based on positive foundation drainage is provided to prevent the buildup of hydrostatic pressure. Please refer to the following bullet points as they pertain to equivalent fluid pressure.

- An “equivalent fluid” pressure can be obtained from the above chart by multiplying the appropriate K-factor times the total unit weight of the stone fill. This applies to unsaturated conditions only.
- If a saturated “equivalent fluid” pressure is needed, the effective unit weight (total unit weight minus unit weight of water) should be multiplied times the appropriate K-factor and the unit weight of water added to that resultant.
- Rubino does not recommend that earth retaining walls be designed with a hydrostatic load. Instead, drainage should be provided to relieve the pressure.

In specific design cases where water is allowed to build up on the below-grade wall structure, the hydrostatic load correlating to the maximum height of the water build up should be added to the lateral loads acting on the wall.

### **Adjacent Structure Considerations**

Consideration should be given to protection of the stability of surrounding structures due to their close proximity to the proposed parking structure.

The type and size of the foundations supporting the adjacent existing structures should be determined prior to analyzing the impact of the proposed construction on the stability of adjacent structures.

In any case, temporary retaining structures such as sheet piling should be planned to be internally





braced prior to full basement excavation. The sheet piling could be used on one side as a form for the permanent concrete retaining wall. In this case, a spread footing at the base of the basement wall may not be logistically possible. Drilled piers could be designed instead if practical. Please notify Rubino of the logistics of design and construction adjacent to the existing structures so that we can amend our recommendations, if necessary.

## CLOSING

The recommendations submitted are based on the available subsurface information obtained by Rubino Engineering, Inc. and design details furnished by Mortenson and Walker Consultants for the proposed project. If there are any revisions to the plans for this project or if deviations from the subsurface conditions noted in this report are encountered during construction, Rubino should be notified immediately to determine if changes in the foundation recommendations are required. If Rubino is not retained to perform these functions, we will not be responsible for the impact of those conditions on the project.

The scope of services did not include an environmental assessment to determine the presence or absence of wetlands, or hazardous or toxic materials in the soil, bedrock, surface water, groundwater or air, on, or below or around this site. Any statements in this report and/or on the boring logs regarding odors, colors, and/or unusual or suspicious items or conditions are strictly for informational purposes.

After the plans and specifications are more complete, the geotechnical engineer should be retained and provided the opportunity to review the final design plans and specifications to check that our engineering recommendations have been properly incorporated into the design documents. At this time, it may be necessary to submit supplementary recommendations. This report has been prepared for the exclusive use of Mortenson and Walker Consultants and their consultants for the specific application to the proposed Glen Ellyn Parking Garage in Glen Ellyn, Illinois.



## ***Appendix A - Drilling, Field, and Laboratory Test Procedures***

### ***ASTM D1586 Penetration Tests and Split-Barrel Sampling of Soils***

During the sampling procedure, Standard Penetration Tests (SPT's) were performed at regular intervals to obtain the standard penetration (N-value) of the soil. The results of the standard penetration test are used to estimate the relative strength and compressibility of the soil profile components through empirical correlations to the soils' relative density and consistency. The split-barrel sampler obtains a soil sample for classification purposes and laboratory testing, as appropriate for the type of soil obtained.

### ***Water Level Measurements***

Water level observations were attempted during and upon completion of the drilling operation using a 100-foot tape measure. The depths of observed water levels in the boreholes are noted on the boring logs presented in the appendix of this report. In the borings where water is unable to be observed during the field activities, in relatively impervious soils, the accurate determination of the groundwater elevation may not be possible even after several days of observation. Seasonal variations, temperature and recent rainfall conditions may influence the levels of the groundwater table and volumes of water will depend on the permeability of the soils.

### ***ASTM D2166 Unconfined Compressive Strength***

Unconfined compression tests are used to obtain approximate compressive strength of cohesive soils by recording the maximum load attained per unit area of a soil sample at failure or at 15% axial strain, whichever occurs first. A compression device may be a platform weighing scale equipped with a device with sufficient capacity and control to provide a specific rate of loading.

### ***ASTM D2216 Water (Moisture) Content of Soil by Mass (Laboratory)***

The water content is an important index property used in expressing the phase relationship of solids, water, and air in a given volume of material and can be used to correlate soil behavior with its index properties. In fine grained cohesive soils, the behavior of a given soil type often depends on its natural water content. The water content of a cohesive soil along with its liquid and plastic limits as determined by Atterberg Limit testing are used to express the soil's relative consistency or liquidity index.

### ***ASTM D2974 Standard Test Method for Organic Soils using Loss on Ignition (Laboratory)***

These test methods cover the measurement of moisture content, ash content, and organic matter in peats and other organic soils, such as organic clays, silts, and mucks. Ash content of a peat or organic soil sample is determined by igniting the oven-dried sample from the moisture content determination in a muffle furnace at 440°C (Method C) or 750°C (Method D). The substance remaining after ignition is the ash. The ash content is expressed as a percentage of the mass of the oven-dried sample. 2.4 Organic matter is determined by subtracting percent ash content from 100.

### ***ASTM D4318 Atterberg Limits (Laboratory)***

Atterberg limit testing defines the liquid limit (LL) and plastic limit (PL) states of a given soil. These limits are used to determine the moisture content limits where the soil characteristics changes from behaving more like a fluid on the liquid limit end to where the soil behaves more like individual soil particles on the plastic limit end. The liquid limit is often used to determine if a soil is a low or high plasticity soil. The plasticity index (PI) is difference between the liquid limit and the plastic limit. The plasticity index is used in conjunction with the liquid limit to determine if the material will behave like a silt or clay.

### ***ASTM D4719 Pressuremeter Testing (Field)***

The pressuremeter testing is typically performed by inserting a cylindrical probe into an open borehole, supporting it at the test depth, and then inflating a flexible membrane in the lateral direction to a radial strain as much as 40% depending on the probe design.

## Appendix B - Site Preparation – Clearing & Grubbing

Rubino recommends that unsuitable soils or fill be removed from the site, as applicable. Unsuitable soils or fills can be described as, but are not limited to:

- organic soil / topsoil / plants / trees / shrubs / grass
- frozen soil
- existing asphalt or concrete pavement sections
- existing foundations
- building debris
- existing curbs

Stripping operations should extend a minimum of: **10 feet** beyond proposed building limits and **5 feet** beyond proposed pavement limits

Exceptions: where property limits allow. Notify geotechnical engineer if there are property boundary limitations. Stripping operations should be monitored and documented by a representative of the geotechnical engineer at the time of construction.

### **Proofrolling:**

After stripping and excavating to the proposed subgrade level, as required, the paved parking area should be proof-rolled and scarified and compacted to at least 95 percent of the standard Proctor maximum dry density ASTM D 698 for a depth of at least 8 inches below the surface during a period of dry weather.

#### **Proofrolling Equipment:**

Tandem-axle dump truck or similar rubber-tired vehicles are acceptable and should be loaded with at least 9 tons per axle.

Benefits of Proofrolling:

- Aids in providing a firm base for compaction of fill soils
- Helps to delineate soft, loose, or disturbed areas that may exist below subgrade level.

### **Subgrade Stability:**

Soils which are observed to rut or deflect excessively (typically greater than 1 inch) under the moving load should either be scarified and re-compacted, or undercut and replaced.

Subgrade soils may be **stabilized** by one of the following **options**:

- **Scarifying and re-compacting** the existing subgrade soil to at least 95% compaction per ASTM D698 Standard Proctor (12 inch depth).
- **Remove and replace** with non-woven filter fabric and 3-inch stone capped with CA-06 stone.
  - A layer of non-woven filter geotextile should be placed between silty clay soil and an open-graded stone.
  - The contractor can also attempt to stabilize the existing subgrade in place by “losing” 3-inch stone into the subgrade until the voids of the 3-inch stone are filled with the soft soil and the subgrade “locks up,” showing minimal deflection under a proofroll.
- **Geogrid and a stone mat** placed across the building pad per manufacturer’s installation specifications could reduce the amount of stone required and provide additional lateral support for foundation loads in service.
- **Lime or other chemical additive** stabilization (12 to 14 inches). This can be done as part of a lift structure. Compaction requirements still apply.

## Appendix C - Fill Recommendations

In general, fill materials should meet the following:

- Standard Proctor maximum dry density >100 pcf
- Free of organic or other deleterious materials
- Have a maximum particle size no greater than 3 inches
- Have a liquid limit <45 and plasticity index <25
- Testing should include areas at least 5 feet outside the parking area perimeters, if applicable
- Each lift of compacted, engineered fill should be tested and documented by a representative of the geotechnical engineer prior to placement of subsequent lifts
- If a fine-grained silt or clay soil is used for fill (CL or ML), close moisture content control will be essential to achieve the recommended degree of compaction
- If water must be added, it should be uniformly applied and thoroughly mixed into the soil by disking or scarifying

### **Suitable Soil Classifications:**

CL, SC, GW, and SW will generally be suitable for use as structural fill under pavements.

### **Unsuitable Soil Classifications:**

OL, OH, MH, ML, SM, CH and PT should be considered unsuitable.

Structural fill added to the site shall be evaluated in accordance with the following table:

| MATERIAL TESTED                                   | PROCTOR TYPE <sup>*1</sup> | MIN % DRY DENSITY | PLACEMENT MOISTURE CONTENT RANGE | FREQUENCY OF TESTING <sup>*2</sup>         | MAXIMUM LOOSE LIFT HEIGHT |
|---------------------------------------------------|----------------------------|-------------------|----------------------------------|--------------------------------------------|---------------------------|
| Structural Fill (Cohesive & Well-graded Granular) | Standard                   | 98%               | -2 to +3 %                       | 1 per 2,500 yd <sup>2</sup> of fill placed | 8 inches                  |
| Random Fill (non-load bearing)                    | Standard                   | 95%               | -3 to +3 %                       | 1 per 5,000 yd <sup>2</sup> of fill placed | 8 inches                  |
| Utility Trench Backfill                           | Standard                   | 95%               | -2 to +2 %                       | 1 per 50 LF of fill placed                 | 6 inches                  |

<sup>\*1</sup> The test frequency for the laboratory reference shall be one laboratory Proctor or Relative Density test for each material used on the site. If the borrow or source of fill material changes, a new reference moisture/density test should be performed.

<sup>\*2</sup>A minimum of one test per lift is recommended unless otherwise specified.

Tested fill materials that do not achieve either the required dry density or moisture content range shall be recorded, the location noted, and reported to the Contractor and Owner. A re-test of that area should be performed after the Contractor performs remedial measures. The above test frequencies should be discussed with the contractor prior to starting the work.

The geotechnical engineer of record can only certify work that was performed under their direct observation, or under the observation of a competent person under their specific direction.

## Appendix D - Foundation Construction Recommendations

Rubino recommends that soils at the bottom of the footing design elevation be observed, documented, and tested by a representative of Rubino prior to concrete placement to evaluate the consistency of the soils in the field with the geotechnical report findings. The remedial procedures described in the following paragraph can be used to provide suitable foundation support where unsuitable material such as soft or loose soils, existing fill, or organic soils are encountered.

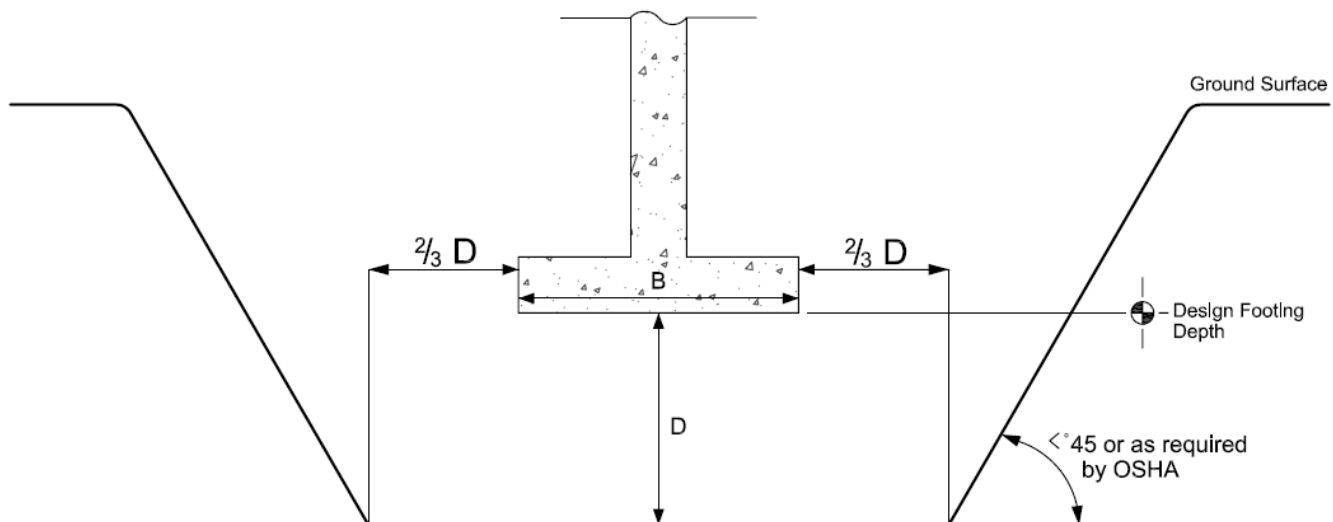
After opening, footing excavations should be observed and concrete placed as quickly as possible to avoid exposure of the footing bottoms to wetting and drying. Surface runoff water should be drained away from the excavations and not be allowed to pond. If possible, the foundation concrete should be placed during the same day the excavation is made. If it is required that footing excavations be left open for more than one day, the soils in the excavation should be protected to reduce evaporation or entry of moisture.

If unsuitable bearing soils are encountered in a footing excavation, the footing should be deepened to competent bearing soil and the footing could be lowered, or an over excavation and backfill procedure could be performed. If an over excavation and backfill procedure will be utilized, it would require widening the deepened excavation in all directions at least 8 inches beyond the edges of the footing for each 12 inches of over excavation depth (See "Over Excavation and Backfill Procedure" diagram below).

**The over excavation should then be backfilled in a maximum of 8-inches thick loose lifts with suitable granular fill material, such as  $\frac{3}{4}$ -inch stone with fines (CA-6), compacted to at least 98% of the maximum Standard Proctor dry density (ASTM D 698).**

Another alternative is to undercut and refill the unsuitable area with flowable mortar up to the design elevation of the footings. The flowable mortar would serve as a protection to the subgrade during construction of the foundations. In this case, widening the footings is not necessary.

### Over Excavation and Backfill Procedure



\* Drawing not to scale



## ***Appendix E - Slab-on-Grade Considerations***

The subgrade modulus provided in the main report should be adjusted for larger areas of loading using the following expression for cohesive and cohesionless soil:

Modulus of Subgrade Reaction,  $k_s = \left(\frac{k}{B}\right)$  for cohesive soil and

$$k_s = k \left(\frac{B+1}{2B}\right)^2 \text{ for cohesionless soil}$$

where:  $k_s$  = coefficient of vertical subgrade reaction for loaded area,  
 $k$  = coefficient of vertical subgrade reaction for 1x1 square foot area, and  
 $B$  = width of area loaded, in feet

The precautions listed below should be followed for construction of slab-on-grade pads.

- Cracking of slab-on-grade concrete is normal and should be expected.
- Cracking can occur not only as a result of heaving or compression of the supporting soil and/or fill material, but also as a result of concrete curing stresses.
- The occurrence of concrete shrinkage cracks and problems associated with concrete curing may be reduced and/or controlled by:
  - Limiting the slump of the concrete
  - Proper concrete placement, finishing, and curing
  - The placement of crack control joints at frequent intervals, particularly where re-entrance slab corners occur.
    - The American Concrete Institute (ACI) recommends a maximum panel size (in feet) equal to approximately three times the thickness of the slab (in inches) in both directions.
- The floor slab should be independent of the foundation walls.
- Areas supporting slabs should be properly moisture conditioned and compacted. Backfill in all interior and exterior water and sewer line trenches should be carefully compacted to reduce the shear stress in the concrete extending over these areas.
- Exterior slabs should be isolated from the building. These slabs should be reinforced to function as independent units. Movement of these slabs should not be transmitted to the building foundation or superstructure.
- Rubino recommends that a minimum 4-inch thick, free-draining granular mat be placed beneath the floor slab to enhance drainage. The floor slabs should have an adequate number of joints to reduce cracking resulting from differential movement and shrinkage. Floor slabs should not be rigidly connected to columns, walls, or foundations.
- A vapor retarder should be considered in areas of tile, carpet, or other moisture sensitive floor finishes. Appropriate curing procedures should be followed to reduce the risk of slab "curling" if a vapor retarder is used.

These details will not reduce the amount of movement but are intended to reduce potential damage should some settlement of the supporting subgrade take place. Some increase in moisture content in the floor slab is inevitable as a result of development and associated landscaping. However, extreme moisture content increases can be largely controlled by proper and responsible site drainage, building maintenance and irrigation practices.

## ***Appendix F - Report Limitations***

### Subsurface Conditions:

The subsurface description is of a generalized nature to highlight the major subsurface stratification features and material characteristics. The boring logs included in the appendix should be reviewed for specific information at individual boring locations. These records include soil descriptions, stratifications, penetration resistances, locations of the samples and laboratory test data as well as water level information. The stratifications shown on the boring logs represent the conditions only at the actual boring locations. Variations may occur, and should be expected between boring locations. The stratifications represent the approximate boundary between subsurface materials and the actual transition between layers may be gradual. The samples, which were not altered by laboratory testing, will be retained for up to 60 days from the date of this report and then will be discarded.

### Geotechnical Risk:

The concept of risk is an important aspect of the geotechnical evaluation. The primary reason for this is that the analytical methods used to develop geotechnical recommendations do not comprise an exact science. The analytical tools that geotechnical engineers use are generally empirical and must be used in conjunction with engineering judgment and experience. Therefore, the solutions and recommendations presented in the geotechnical evaluation should not be considered risk-free, and more importantly, are not a guarantee that the interaction between the soils and the proposed structure will perform as planned. The engineering recommendations, presented in the preceding section, constitute Rubino's professional estimate of the necessary measures for the proposed structure to perform according to the proposed design based on the information generated and reference during this evaluation, and Rubino's experience in working with these conditions.

### Warranty:

The geotechnical engineer warrants that the findings, recommendations, specifications, or professional advice contained herein have been made in accordance with generally accepted professional geotechnical engineering practices in the local area. No other warranties are implied or expressed.

### Federal Excavation Regulations:

In Federal Register, Volume 54, No. 209 (October 1989), the United States Department of Labor, Occupational Safety and Health Administration (OSHA) amended its "Construction Standards for Excavations, 29 CFR, part 1926, Subpart P". This document was issued to better insure the safety of workmen entering trenches or excavations. This federal regulation mandates that all excavations, whether they be utility trenches, basement excavation or footing excavations, be constructed in accordance with the new OSHA guidelines. It is our understanding that these regulations are being strictly enforced and if they are not closely followed, the owner and the contractor could be liable for substantial penalties.

The contractor is solely responsible for designing and constructing stable, temporary excavations and should shore, slope, or bench the sides of the excavations as required to maintain stability of both the excavation sides and bottom. The contractor's "responsible person," as defined in 29 CFR Part 1926, should evaluate the soil exposed in the excavations as part of the contractor's safety procedures. In no case should slope height, slope inclination, or excavation depth, including utility trench excavation depth, exceed those specified in local, state, and federal safety regulations. Rubino is providing this information solely as a service to our client. Rubino is not assuming responsibility for construction site safety or the contractor's activities; such responsibility is not being implied and should not be inferred.

## Appendix G - Soil Classification General Notes

### DRILLING & SAMPLING SYMBOLS:

SS: Split Spoon - 1 3/8" I.D., 2" O.D., unless otherwise noted  
 ST: Thin-Walled Tube - 3" O.D., Unless otherwise noted  
 PM: Pressuremeter  
 RB: Rock Bit  
 DB: Diamond Bit - 4", N, B

PS: Piston Sample  
 WS: Wash Sample  
 HA: Hand Auger  
 HS: Hollow Stem Auger  
 BS: Bulk Sample

Standard "N" Penetration: Blows per foot of a 140-pound hammer falling 30 inches on a 2 inch O.D. split spoon sampler (SS), except where noted.

### WATER LEVEL MEASUREMENT SYMBOLS:

Water levels indicated on the boring logs are the levels measured in the borings at the times indicated. In pervious soils, the indicated levels may reflect the location of groundwater. In low permeability soils, the accurate determination of ground water levels is not possible with only short term observations.

### DESCRIPTIVE SOIL CLASSIFICATION:

Soil Classification is based on the Unified Soil Classification System as defined in ASTM D-2487 and D-2488. Coarse Grained Soils have more than 50% of their dry weight retained on a #200 sieve; they are described as: boulders, cobbles, gravel or sand. Fine Grained Soils have less than 50% of their dry weight retained on a #200 sieve; they are described as: clays, if they are plastic, and silts if they are slightly plastic or non-plastic. Major constituents may be added as modifiers and minor constituents may be added according to the relative proportions based on grain size. In addition to gradation, coarse grained soils are defined on the basis of their relative in-place density and fine grained soils on the basis of their consistency. Example: Lean clay with sand, trace gravel, stiff (CL); silty sand, trace gravel, medium dense (SM).

#### CONSISTENCY OF FINE-GRAINED SOILS:

| Unconfined Compressive Strength, Qu (tsf) | N-Blows/ft. | Consistency  |
|-------------------------------------------|-------------|--------------|
| < 0.25                                    | < 2         | Very Soft    |
| 0.25 - 0.5                                | 2 - 4       | Soft         |
| 0.5 - 1                                   | 4 - 8       | Medium Stiff |
| 1 - 2                                     | 8 - 15      | Stiff        |
| 2 - 4                                     | 15 - 30     | Very Stiff   |
| 4 - 8                                     | 30 - 50     | Hard         |
| > 8                                       | > 50        | Very Hard    |

#### RELATIVE DENSITY OF COARSE-GRAINED SOILS

| N-Blows/ft. | Relative Density |
|-------------|------------------|
| 0 - 3       | Very Loose       |
| 4 - 9       | Loose            |
| 10 - 29     | Medium Dense     |
| 30 - 49     | Dense            |
| 50 - 80     | Very Dense       |
| 80+         | Extremely Dense  |

#### RELATIVE PROPORTIONS OF SAND & GRAVEL

| Descriptive Term | % of Dry Weight |
|------------------|-----------------|
| Trace            | < 15            |
| With             | 15 - 29         |
| Modifier         | > 30            |

#### RELATIVE PROPORTIONS OF FINES

| Descriptive Term | % of Dry Weight |
|------------------|-----------------|
| Trace            | < 5             |
| With             | 5 - 12          |
| Modifier         | > 12            |

#### GRAIN SIZE TERMINOLOGY

| Major Component | Size Range                          |
|-----------------|-------------------------------------|
| Boulders        | Over 12 in. (300mm)                 |
| Cobbles         | 12 in. To 3 in. (300mm to 75mm)     |
| Gravel          | 3 in. To #4 sieve (75mm to 4.75mm)  |
| Sand            | #4 to #200 sieve (4.75mm to 0.75mm) |

\*Descriptive Terms apply to components also present in sample

## Appendix H - Soil Classification Chart

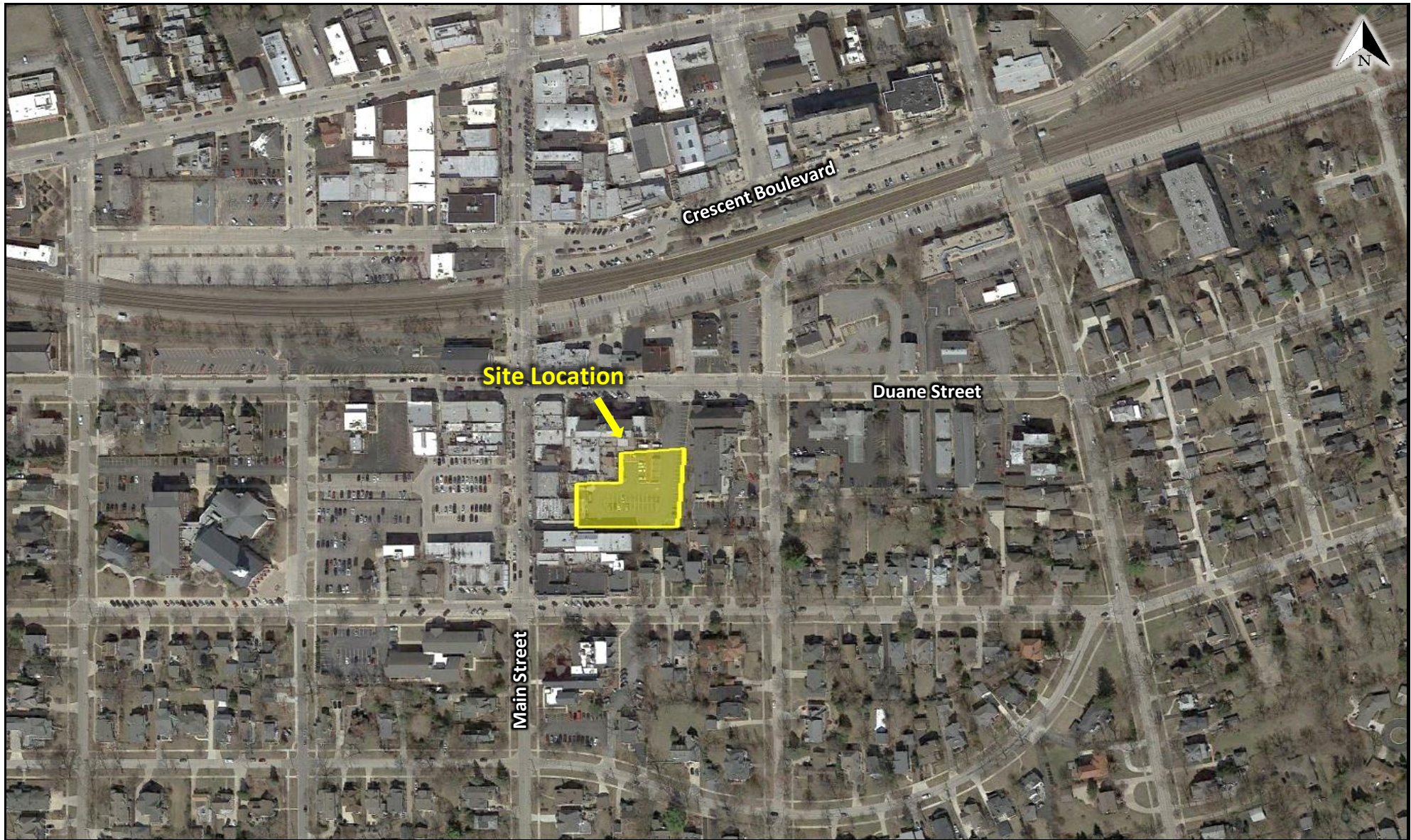
### SOIL CLASSIFICATION CHART

NOTE: DUAL SYMBOLS ARE USED TO INDICATE BORDERLINE SOIL CLASSIFICATIONS

| MAJOR DIVISIONS                                                                         |                                                                                           |                                                         | SYMBOLS |        | TYPICAL DESCRIPTIONS                                                                                               |
|-----------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|---------------------------------------------------------|---------|--------|--------------------------------------------------------------------------------------------------------------------|
|                                                                                         |                                                                                           |                                                         | GRAPH   | LETTER |                                                                                                                    |
| COARSE GRAINED SOILS<br><br>MORE THAN 50% OF MATERIAL IS LARGER THAN NO. 200 SIEVE SIZE | GRAVEL AND GRAVELLY SOILS<br><br>MORE THAN 50% OF COARSE FRACTION RETAINED ON NO. 4 SIEVE | CLEAN GRAVELS<br><br>(LITTLE OR NO FINES)               |         | GW     | WELL-GRADED GRAVELS, GRAVEL - SAND MIXTURES, LITTLE OR NO FINES                                                    |
|                                                                                         |                                                                                           |                                                         |         | GP     | POORLY-GRADED GRAVELS, GRAVEL - SAND MIXTURES, LITTLE OR NO FINES                                                  |
|                                                                                         |                                                                                           | GRAVELS WITH FINES<br><br>(APPRECIABLE AMOUNT OF FINES) |         | GM     | SILTY GRAVELS, GRAVEL - SAND - SILT MIXTURES                                                                       |
|                                                                                         |                                                                                           |                                                         |         | GC     | CLAYEY GRAVELS, GRAVEL - SAND - CLAY MIXTURES                                                                      |
|                                                                                         | SAND AND SANDY SOILS<br><br>MORE THAN 50% OF COARSE FRACTION PASSING ON NO. 4 SIEVE       | CLEAN SANDS<br><br>(LITTLE OR NO FINES)                 |         | SW     | WELL-GRADED SANDS, GRAVELLY SANDS, LITTLE OR NO FINES                                                              |
|                                                                                         |                                                                                           |                                                         |         | SP     | POORLY-GRADED SANDS, GRAVELLY SAND, LITTLE OR NO FINES                                                             |
|                                                                                         |                                                                                           | SANDS WITH FINES<br><br>(APPRECIABLE AMOUNT OF FINES)   |         | SM     | SILTY SANDS, SAND - SILT MIXTURES                                                                                  |
|                                                                                         |                                                                                           |                                                         |         | SC     | CLAYEY SANDS, SAND - CLAY MIXTURES                                                                                 |
| FINE GRAINED SOILS<br><br>MORE THAN 50% OF MATERIAL IS SMALLER THAN NO. 200 SIEVE SIZE  | SILTS AND CLAYS<br><br>LIQUID LIMIT LESS THAN 50                                          |                                                         |         | ML     | INORGANIC SILTS AND VERY FINE SANDS, ROCK FLOUR, SILTY OR CLAYEY FINE SANDS OR CLAYEY SILTS WITH SLIGHT PLASTICITY |
|                                                                                         |                                                                                           |                                                         |         | CL     | INORGANIC CLAYS OF LOW TO MEDIUM PLASTICITY, GRAVELLY CLAYS, SANDY CLAYS, SILTY CLAYS, LEAN CLAYS                  |
|                                                                                         |                                                                                           |                                                         |         | OL     | ORGANIC SILTS AND ORGANIC SILTY CLAYS OF LOW PLASTICITY                                                            |
|                                                                                         | SILTS AND CLAYS<br><br>LIQUID LIMIT GREATER THAN 50                                       |                                                         |         | MH     | INORGANIC SILTS, MICACEOUS OR DIATOMACEOUS FINE SAND OR SILTY SOILS                                                |
|                                                                                         |                                                                                           |                                                         |         | CH     | INORGANIC CLAYS OF HIGH PLASTICITY                                                                                 |
|                                                                                         |                                                                                           |                                                         |         | OH     | ORGANIC CLAYS OF MEDIUM TO HIGH PLASTICITY, ORGANIC SILTS                                                          |
| HIGHLY ORGANIC SOILS                                                                    |                                                                                           |                                                         |         | PT     | PEAT, HUMUS, SWAMP SOILS WITH HIGH ORGANIC CONTENTS                                                                |

***Appendix I – Site Vicinity Map & Boring Location Plans***





**rubino**  
ENGINEERING INC.

425 Shepard Drive  
Elgin, Illinois 60123

Project Name:

Project Location:

Client:

Rubino Project # :

Glen Ellyn Civic Center Parking Structure

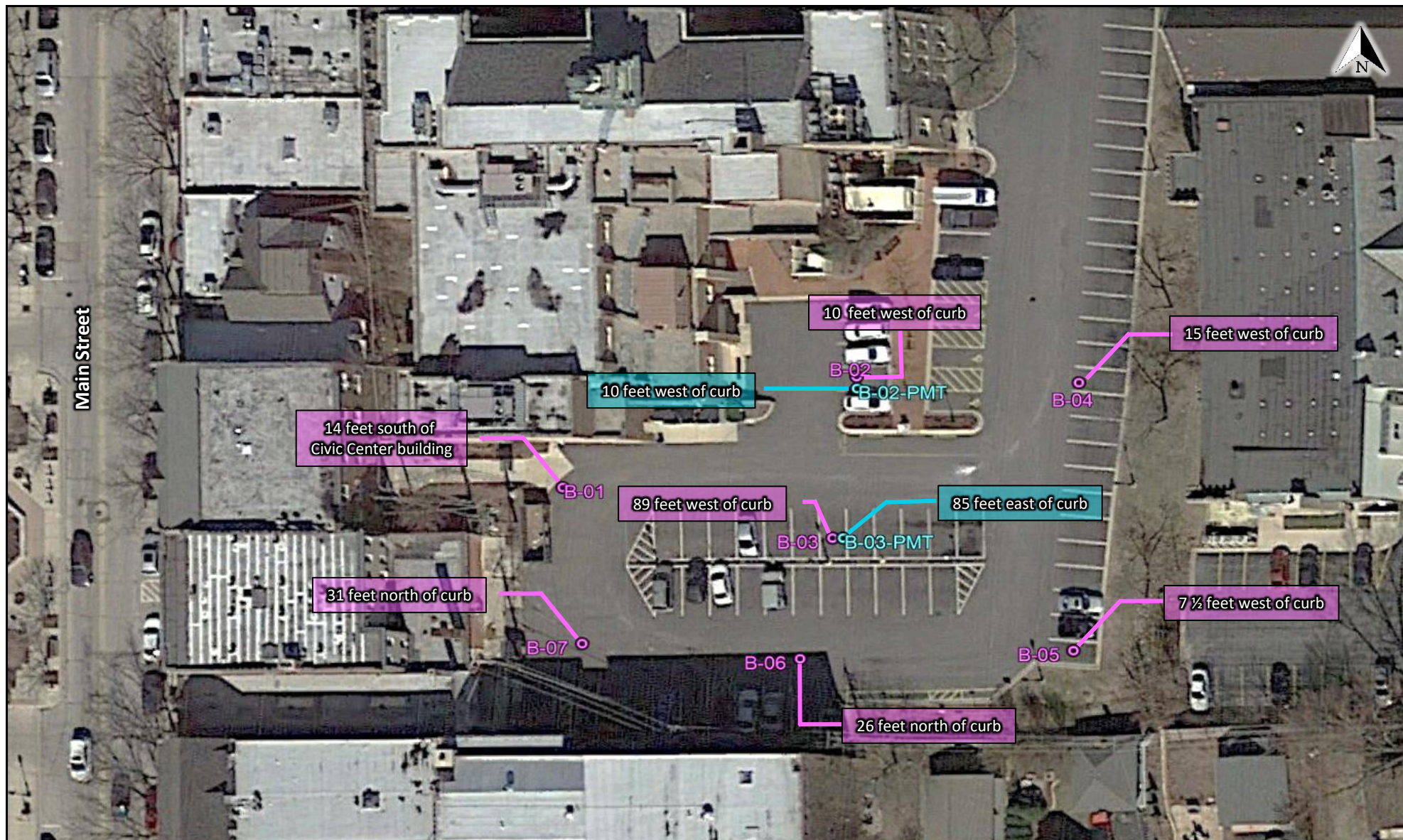
535 Duane Street  
Glen Ellyn, Illinois 60137

Mortenson Company

G19.004

Site  
Vicinity  
Map





**rubino**  
ENGINEERING INC.

425 Shepard Drive  
Elgin, Illinois 60123

Project Name:  
Project Location:

Client:  
Rubino Project # :

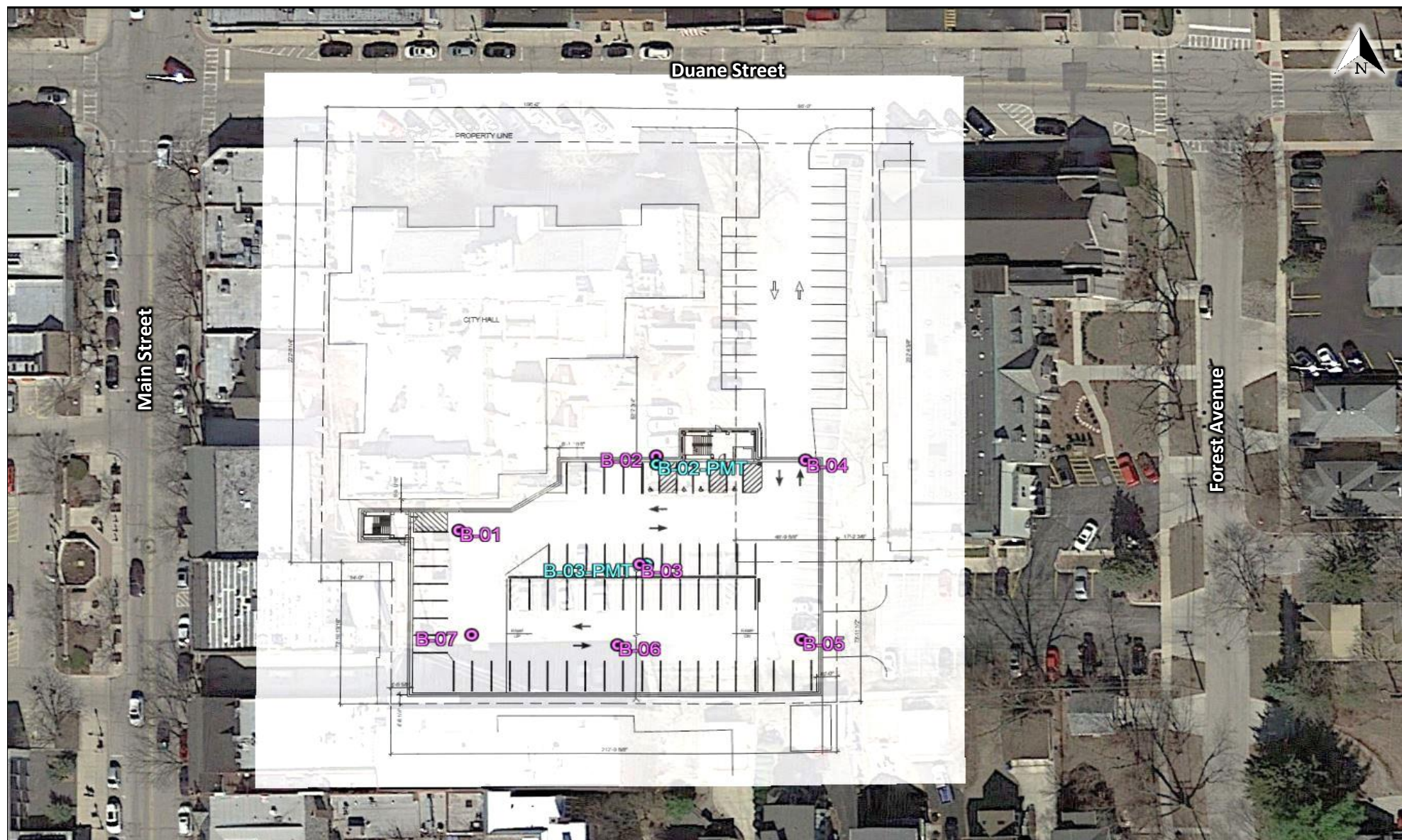
**Glen Ellyn Civic Center Parking Structure**

535 Duane Street  
Glen Ellyn, Illinois 60137

**Mortenson Company**  
G19.004

**Boring  
Location  
Plan**





**rubino**  
ENGINEERING INC.

425 Shepard Drive  
Elgin, Illinois 60123

Project Name:  
Project Location:

Client:  
Rubino Project # :

**Glen Ellyn Civic Center Parking Structure**

535 Duane Street  
Glen Ellyn, Illinois 60137

**Mortenson Company**  
G19.004

**Boring  
Location  
Plan  
with Overlay**

***Appendix J – Boring Logs and Soil Profiles***



425 Shepard Drive  
Elgin, IL 60123  
Telephone: 847-931-1555  
Fax: 847-931-1560

# LOG OF BORING B-01

Sheet 1 of 1

|                                    |                                                  |                                                                                         |
|------------------------------------|--------------------------------------------------|-----------------------------------------------------------------------------------------|
| Rubino Job No.: G19.004            | Drilling Method: 3 ¼ Hollow Stem Auger           | <b>WATER LEVELS</b><br>▽ While Drilling 48.5 ft<br>▼ Upon Completion N/A<br>▼ Delay N/A |
| Project: Glen Ellyn Parking Garage | Sampling Method: Shelby Tube/Split Spoon         |                                                                                         |
| Location: 535 Duane Street         | Hammer Type: Automatic                           |                                                                                         |
| City, State: Glen Ellyn, Illinois  | Boring Location: Northwest Corner of Parking Lot |                                                                                         |
| Client: Mortenson                  |                                                  |                                                                                         |

| Elevation (feet) | Depth, (feet) | Graphic Log | Sample Type | Sample No. | Recovery (inches) | Station: N/A<br>Offset: N/A | MATERIAL DESCRIPTION                                                    | USCS Classification | SPT Blows per 6-inch | STANDARD PENETRATION TEST DATA |               |      |                                                          | Additional Remarks |
|------------------|---------------|-------------|-------------|------------|-------------------|-----------------------------|-------------------------------------------------------------------------|---------------------|----------------------|--------------------------------|---------------|------|----------------------------------------------------------|--------------------|
|                  |               |             |             |            |                   |                             |                                                                         |                     |                      | Moisture, %                    | STRENGTH, tsf |      |                                                          |                    |
|                  |               |             |             |            |                   |                             |                                                                         |                     |                      |                                | Moisture      | PL   | LL                                                       |                    |
|                  |               |             |             |            |                   |                             |                                                                         |                     |                      | 0                              | 25            | 50   |                                                          |                    |
|                  |               |             |             |            |                   |                             |                                                                         |                     |                      |                                | ▲ Qu          | * Qp |                                                          |                    |
|                  |               |             |             |            |                   |                             | Surface Elev.: 763.30 ft                                                |                     |                      | 0                              | 2.0           | 4.0  |                                                          |                    |
|                  | 0             |             |             |            |                   |                             | Approximately 4 inches of ASPHALT                                       |                     |                      |                                |               |      |                                                          |                    |
|                  |               |             |             |            |                   |                             | Approximately 8 inches of GRAVEL BASE                                   | CL                  | 4-2-5<br>N=7         | 27                             |               |      | Qp=2.8 tsf<br>LL = 36<br>PL = 20<br>* Organic Content 3% |                    |
| 760              | 5             |             |             | 1          | 16                |                             | Medium stiff, greenish-brown silty CLAY, trace sand and gravel          | CL                  | 3-5-6<br>N=11        | 17                             |               |      | * Qp=4.0 tsf                                             |                    |
|                  |               |             |             | 2          | 10                |                             | Medium stiff, brown and gray mottled silty CLAY, trace sand and gravel  |                     | 3-4-4<br>N=8         | 17                             |               |      | Qp=1.0 tsf                                               |                    |
| 755              | 10            |             |             | 3          | 18                |                             | Medium stiff to very stiff, brown silty CLAY, trace sand and gravel     |                     | 5-7-12<br>N=19       | 20                             |               |      | * Qp=4.0 tsf                                             |                    |
|                  |               |             |             | 4          | 18                |                             |                                                                         |                     | 4-5-7<br>N=12        | 18                             |               |      | * Qp=4.0 tsf                                             |                    |
| 750              | 15            |             |             | 5          | 18                |                             | Color change to gray at approximately 11½ feet below existing grade     |                     | 2-4-4<br>N=8         | 18                             |               |      | Qp=2.3 tsf                                               |                    |
|                  |               |             |             | 6          | 16                |                             |                                                                         |                     |                      |                                |               |      |                                                          |                    |
| 745              | 20            |             |             | 7          | 18                |                             |                                                                         | CL                  | 3-3-5<br>N=8         | 13                             |               |      | Qp=3.0 tsf                                               |                    |
| 740              | 25            |             |             | 8          | 16                |                             |                                                                         |                     | 1-3-4<br>N=7         | 14                             |               |      | Qp=2.5 tsf                                               |                    |
| 735              | 30            |             |             | 9          | 18                |                             | 4" silt lens observed at approximately 29½ feet below existing grade    |                     | 2-3-5<br>N=8         | 15                             |               |      | Qp=2.5 tsf                                               |                    |
| 730              | 35            |             |             | 10         | 18                |                             | Medium stiff to stiff, brown and gray silty CLAY, trace sand and gravel |                     | 2-3-11<br>N=14       | 15<br>13                       |               |      | Qp=2.0 tsf                                               |                    |
| 725              | 40            |             |             | 11         | 18                |                             |                                                                         | CL                  | 2-3-5<br>N=8         | 13<br>20                       |               |      | Qp=1.5 tsf                                               |                    |
| 720              | 45            |             |             | 12         | 18                |                             |                                                                         |                     | 3-4-5<br>N=9         | 20                             |               |      | Qp=2.8 tsf                                               |                    |
| 715              | 50            |             |             | 13         | 1                 |                             | Medium dense, gray well-graded SAND with fines                          | SW                  | 7-9-11<br>N=20       |                                |               |      |                                                          |                    |
|                  |               |             |             |            |                   |                             | End of boring at approximately 50 feet below existing grade.            |                     |                      |                                |               |      |                                                          |                    |

|                                               |               |               |                            |
|-----------------------------------------------|---------------|---------------|----------------------------|
| Completion Depth: 50.0 ft                     | Sample Types: | Pressuremeter | Latitude: 41.874811        |
| Date Boring Started: 2/5/19                   | Auger Cutting | Shelby Tube   | Longitude: -88.066138      |
| Date Boring Completed: 2/5/19                 | Split-Spoon   | Hand Auger    | Drill Rig: Geoprobe 7822DT |
| Logged By: J.W.                               | Rock Core     | Direct Push   | Remarks:                   |
| Drilling Contractor: Rubino Engineering, Inc. |               |               |                            |

The stratification lines represent approximate boundaries. The transition may be gradual.





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# LOG OF BORING B-02

Sheet 1 of 1

|                                    |                                              |                          |
|------------------------------------|----------------------------------------------|--------------------------|
| Rubino Job No.: G19.004            | Drilling Method: 3 1/4 Hollow Stem Auger     | <b>WATER LEVELS</b>      |
| Project: Glen Ellyn Parking Garage | Sampling Method: Shelby Tube/Split Spoon     | ▽ While Drilling 48.5 ft |
| Location: 535 Duane Street         | Hammer Type: Automatic                       | ▼ Upon Completion N/A    |
| City, State: Glen Ellyn, Illinois  | Boring Location: North Center of Parking Lot | ▼ Delay N/A              |
| Client: Mortenson                  |                                              |                          |

| Elevation (feet) | Depth, (feet) | Graphic Log | Sample Type | Sample No. | Recovery (inches) | Station: N/A<br>Offset: N/A | MATERIAL DESCRIPTION                                                   | USCS Classification | SPT Blows per 6-inch | Moisture, % | STRENGTH, tsf | Additional Remarks               |
|------------------|---------------|-------------|-------------|------------|-------------------|-----------------------------|------------------------------------------------------------------------|---------------------|----------------------|-------------|---------------|----------------------------------|
|                  |               |             |             |            |                   |                             | Surface Elev.: 760.50 ft                                               |                     |                      |             |               |                                  |
| 760              | 0             |             |             | 1          | 18                |                             | Approximately 4 inches of ASPHALT                                      |                     | 12-11-9<br>N=20      | 18          |               | Qp=3.5 tsf                       |
|                  |               |             |             | 2          | 18                |                             | Approximately 12 inches of GRAVEL BASE                                 |                     | 3-4-5<br>N=9         | 19          |               | Qp=4.0 tsf                       |
| 755              | 5             |             |             | 3          | 13                |                             | High N Values possibly due to frozen ground                            |                     | 3-4-6<br>N=10        | 19          |               | Qp=4.0 tsf                       |
|                  |               |             |             | 4          | 12                |                             | Medium stiff to stiff, brown to gray silty CLAY, trace sand and gravel |                     | 4-5-7<br>N=12        | 18          |               | LL = 49<br>PL = 23<br>Qp=3.3 tsf |
| 750              | 10            |             |             | 5          | 16                |                             | Color change to gray at approximately 9 feet below existing grade      | CL                  | 2-2-4<br>N=6         | 15          |               | Qp=2.0 tsf                       |
|                  |               |             |             | 6          | 16                |                             |                                                                        |                     | 2-3-5<br>N=8         | 14          |               | Qp=3.0 tsf                       |
| 745              | 15            |             |             |            |                   |                             |                                                                        |                     |                      |             |               |                                  |
| 740              | 20            |             |             | 7          | 18                |                             |                                                                        |                     | 3-3-5<br>N=8         | 12          |               | Qp=3.0 tsf                       |
|                  |               |             |             | 8          | 14                |                             | Medium stiff, gray sandy SILT                                          | ML                  | 3-4-4<br>N=8         | 12          |               | Qp=0.5 tsf                       |
| 735              | 25            |             |             |            |                   |                             | Medium stiff to stiff, gray silty CLAY, trace sand and gravel          |                     |                      | 15          |               |                                  |
|                  |               |             |             | 9          |                   |                             |                                                                        |                     | 6-6-7<br>N=13        | 15          |               | Qp=2.0 tsf                       |
| 730              | 30            |             |             |            |                   |                             |                                                                        |                     |                      |             |               |                                  |
|                  |               |             |             | 10         | 18                |                             |                                                                        | CL                  | 1-3-4<br>N=7         | 19          |               | Qp=1.8 tsf                       |
| 725              | 35            |             |             |            |                   |                             |                                                                        |                     |                      |             |               |                                  |
|                  |               |             |             | 11         | 18                |                             |                                                                        |                     | 3-3-6<br>N=9         | 18          |               | Qp=2.3 tsf                       |
| 720              | 40            |             |             |            |                   |                             |                                                                        |                     |                      |             |               |                                  |
|                  |               |             |             | 12         | 18                |                             | Gray, well-graded sandy GRAVEL                                         | GW                  | 4-5-19<br>N=24       | 22          |               | Qp=3.0 tsf                       |
| 715              | 45            |             |             |            |                   |                             | Medium stiff, gray silty CLAY, trace sand and gravel                   | CL                  |                      | 6           |               |                                  |
|                  |               |             |             | 13         | 18                |                             |                                                                        |                     | 3-4-7<br>N=11        | 12          |               | Qp=2.0 tsf                       |
|                  | 50            |             |             |            |                   |                             | End of boring at approximately 50 feet below existing grade.           |                     |                      |             |               |                                  |

|                                               |               |               |                            |
|-----------------------------------------------|---------------|---------------|----------------------------|
| Completion Depth: 50.0 ft                     | Sample Types: | Pressuremeter | Latitude: 41.874921        |
| Date Boring Started: 2/5/19                   | Auger Cutting | Shelby Tube   | Longitude: -88.065785      |
| Date Boring Completed: 2/5/19                 | Split-Spoon   | Hand Auger    | Drill Rig: Geoprobe 7822DT |
| Logged By: J.W.                               | Rock Core     | Direct Push   | Remarks:                   |
| Drilling Contractor: Rubino Engineering, Inc. |               |               |                            |

The stratification lines represent approximate boundaries. The transition may be gradual.



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## LOG OF BORING B-02-PMT

Sheet 1 of 1

|                 |                           |                  |                                   |                       |
|-----------------|---------------------------|------------------|-----------------------------------|-----------------------|
| Rubino Job No.: | G19.004                   | Drilling Method: | Mudrotary with Tricone Roller Bit | WATER LEVELS          |
| Project:        | Glen Ellyn Parking Garage | Sampling Method: | Shelby Tube/Pressure Meter        | ▽ While Drilling MUD  |
| Location:       | 535 Duane Street          | Hammer Type:     | Automatic                         | ▼ Upon Completion MUD |
| City, State:    | Glen Ellyn, Illinois      | Boring Location: | 4 feet south of B-02              | ▼ Delay N/A           |
| Client:         | Mortenson                 |                  |                                   |                       |

| Elevation (feet) | Depth, (feet) | Graphic Log | Sample Type | Sample No. | Recovery (inches) | Station: N/A<br>Offset: N/A | MATERIAL DESCRIPTION                                                                                                                       | USCS Classification | SPT Blows per 6-inch | Moisture, % | STANDARD PENETRATION TEST DATA                            | Additional Remarks                     |
|------------------|---------------|-------------|-------------|------------|-------------------|-----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|---------------------|----------------------|-------------|-----------------------------------------------------------|----------------------------------------|
|                  |               |             |             |            |                   |                             | Surface Elev.: 760.50 ft                                                                                                                   |                     |                      |             | ◎<br>X Moisture<br>PL<br>LL<br>STRENGTH, tsf<br>▲ Qu * Qp |                                        |
| 760              | 0             |             |             |            |                   |                             | Blind Drill to 4 ½ feet                                                                                                                    |                     |                      |             |                                                           |                                        |
| 755              | 5             |             |             | 1          | 36                |                             | Brown to gray silty CLAY, trace sand and gravel                                                                                            | CL                  | P-U-S-H              | 18          | X                                                         | >>▲ <sub>Q<sub>u</sub></sub> = 4.2 tsf |
| 750              | 10            |             |             |            |                   |                             | Blind Drill to 23 feet                                                                                                                     |                     |                      |             |                                                           |                                        |
| 745              | 15            |             |             |            |                   |                             |                                                                                                                                            |                     |                      |             |                                                           |                                        |
| 740              | 20            |             |             |            |                   |                             |                                                                                                                                            |                     |                      |             |                                                           |                                        |
| 735              | 25            |             | P           | 2          | 36                |                             | TEXAM Pressuremeter Testing at 23 ft:<br>E <sub>o</sub> = 46 tsf<br>P <sub>L</sub> = 11.2 tsf                                              | CL<br>ML<br>CL      | P-U-S-H              |             |                                                           |                                        |
|                  |               |             |             |            |                   |                             | End of boring at approximately 26 feet below existing grade. Mud rotary drilling method used while drilling, no free groundwater observed. |                     |                      |             |                                                           |                                        |

|                        |                          |               |                 |                            |
|------------------------|--------------------------|---------------|-----------------|----------------------------|
| Completion Depth:      | 26.0 ft                  | Sample Types: | P Pressuremeter | Latitude: 41.874909°       |
| Date Boring Started:   | 2/14/19                  | Auger Cutting | Shelby Tube     | Longitude: -88.065784°     |
| Date Boring Completed: | 2/14/19                  | Split-Spoon   | Hand Auger      | Drill Rig: Geoprobe 7822DT |
| Logged By:             | Wang                     | Rock Core     | Direct Push     | Remarks:                   |
| Drilling Contractor:   | Rubino Engineering, Inc. |               |                 |                            |

The stratification lines represent approximate boundaries. The transition may be gradual.



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# LOG OF BORING B-03

Sheet 1 of 1

|                                    |                                          |                          |
|------------------------------------|------------------------------------------|--------------------------|
| Rubino Job No.: G19.004            | Drilling Method: 3 1/4 Hollow Stem Auger | <b>WATER LEVELS</b>      |
| Project: Glen Ellyn Parking Garage | Sampling Method: Shelby Tube/Split Spoon | ▽ While Drilling 44.5 ft |
| Location: 535 Duane Street         | Hammer Type: Automatic                   | ▼ Upon Completion N/A    |
| City, State: Glen Ellyn, Illinois  | Boring Location: Center of Parking Lot   | ▼ Delay N/A              |
| Client: Mortenson                  |                                          |                          |

| Elevation (feet) | Depth, (feet) | Graphic Log | Sample Type | Sample No. | Recovery (inches) | Station: N/A<br>Offset: N/A | MATERIAL DESCRIPTION                                                    | USCS Classification | SPT Blows per 6-inch | Moisture, % | STANDARD PENETRATION TEST DATA | Additional Remarks |
|------------------|---------------|-------------|-------------|------------|-------------------|-----------------------------|-------------------------------------------------------------------------|---------------------|----------------------|-------------|--------------------------------|--------------------|
|                  |               |             |             |            |                   |                             | Surface Elev.: 761.33 ft                                                |                     |                      |             |                                |                    |
| 760              | 0             |             |             | 1          | 18                |                             | Approximately 4 inches of ASPHALT                                       | CL                  | 8-14-12<br>N=26      | 19          |                                | >>> Qp=4.5 tsf     |
|                  |               |             |             | 2          | 18                |                             | Approximately 10 inches of GRAVEL BASE                                  | ML                  | 3-5-4<br>N=9         | 20          |                                | Qp=2.5 tsf         |
|                  | 5             |             |             | 3          | 16                |                             | Very stiff, brown and gray mottled silty CLAY, trace sand and gravel    |                     |                      | 18          |                                | Qp=1.5 tsf         |
| 755              |               |             |             | 4          | 13                |                             | High N Values possibly due to frozen ground                             |                     |                      |             |                                |                    |
|                  |               |             |             | 5          | 16                |                             | Stiff, brown SILT, trace sand                                           |                     |                      |             |                                |                    |
|                  | 10            |             |             | 6          | 18                |                             | Medium stiff to stiff, brown and gray silty CLAY, trace sand and gravel |                     |                      |             |                                |                    |
| 750              |               |             |             | 7          | 18                |                             |                                                                         |                     |                      |             |                                |                    |
|                  | 15            |             |             | 8          | 3                 |                             |                                                                         |                     |                      |             |                                |                    |
| 745              |               |             |             | 9          | 5                 |                             |                                                                         |                     |                      |             |                                |                    |
|                  | 20            |             |             | 10         | 18                |                             |                                                                         |                     |                      |             |                                |                    |
| 740              |               |             |             | 11         | 18                |                             |                                                                         |                     |                      |             |                                |                    |
|                  | 25            |             |             | 12         | 18                |                             |                                                                         |                     |                      |             |                                |                    |
| 735              |               |             |             | 13         | 12                |                             |                                                                         |                     |                      |             |                                |                    |
|                  | 30            |             |             | 14         | 18                |                             |                                                                         |                     |                      |             |                                |                    |
| 730              |               |             |             | 15         | 18                |                             |                                                                         |                     |                      |             |                                |                    |
|                  | 35            |             |             | 16         | 18                |                             |                                                                         |                     |                      |             |                                |                    |
| 725              |               |             |             | 17         | 18                |                             |                                                                         |                     |                      |             |                                |                    |
|                  | 40            |             |             | 18         | 18                |                             |                                                                         |                     |                      |             |                                |                    |
| 720              |               |             |             | 19         | 16                |                             |                                                                         |                     |                      |             |                                |                    |
|                  | 45            |             |             | 20         | 19                |                             |                                                                         |                     |                      |             |                                |                    |
| 715              |               |             |             | 21         | 15                |                             |                                                                         |                     |                      |             |                                |                    |
|                  | 50            |             |             | 22         |                   |                             |                                                                         |                     |                      |             |                                |                    |
|                  |               |             |             | 23         |                   |                             |                                                                         |                     |                      |             |                                |                    |
|                  |               |             |             | 24         |                   |                             |                                                                         |                     |                      |             |                                |                    |
|                  |               |             |             | 25         |                   |                             |                                                                         |                     |                      |             |                                |                    |
|                  |               |             |             | 26         |                   |                             |                                                                         |                     |                      |             |                                |                    |
|                  |               |             |             | 27         |                   |                             |                                                                         |                     |                      |             |                                |                    |
|                  |               |             |             | 28         |                   |                             |                                                                         |                     |                      |             |                                |                    |
|                  |               |             |             | 29         |                   |                             |                                                                         |                     |                      |             |                                |                    |
|                  |               |             |             | 30         |                   |                             |                                                                         |                     |                      |             |                                |                    |
|                  |               |             |             | 31         |                   |                             |                                                                         |                     |                      |             |                                |                    |
|                  |               |             |             | 32         |                   |                             |                                                                         |                     |                      |             |                                |                    |
|                  |               |             |             | 33         |                   |                             |                                                                         |                     |                      |             |                                |                    |
|                  |               |             |             | 34         |                   |                             |                                                                         |                     |                      |             |                                |                    |
|                  |               |             |             | 35         |                   |                             |                                                                         |                     |                      |             |                                |                    |
|                  |               |             |             | 36         |                   |                             |                                                                         |                     |                      |             |                                |                    |
|                  |               |             |             | 37         |                   |                             |                                                                         |                     |                      |             |                                |                    |
|                  |               |             |             | 38         |                   |                             |                                                                         |                     |                      |             |                                |                    |
|                  |               |             |             | 39         |                   |                             |                                                                         |                     |                      |             |                                |                    |
|                  |               |             |             | 40         |                   |                             |                                                                         |                     |                      |             |                                |                    |
|                  |               |             |             | 41         |                   |                             |                                                                         |                     |                      |             |                                |                    |
|                  |               |             |             | 42         |                   |                             |                                                                         |                     |                      |             |                                |                    |
|                  |               |             |             | 43         |                   |                             |                                                                         |                     |                      |             |                                |                    |
|                  |               |             |             | 44         |                   |                             |                                                                         |                     |                      |             |                                |                    |
|                  |               |             |             | 45         |                   |                             |                                                                         |                     |                      |             |                                |                    |
|                  |               |             |             | 46         |                   |                             |                                                                         |                     |                      |             |                                |                    |
|                  |               |             |             | 47         |                   |                             |                                                                         |                     |                      |             |                                |                    |
|                  |               |             |             | 48         |                   |                             |                                                                         |                     |                      |             |                                |                    |
|                  |               |             |             | 49         |                   |                             |                                                                         |                     |                      |             |                                |                    |
|                  |               |             |             | 50         |                   |                             |                                                                         |                     |                      |             |                                |                    |
|                  |               |             |             | 51         |                   |                             |                                                                         |                     |                      |             |                                |                    |
|                  |               |             |             | 52         |                   |                             |                                                                         |                     |                      |             |                                |                    |
|                  |               |             |             | 53         |                   |                             |                                                                         |                     |                      |             |                                |                    |
|                  |               |             |             | 54         |                   |                             |                                                                         |                     |                      |             |                                |                    |
|                  |               |             |             | 55         |                   |                             |                                                                         |                     |                      |             |                                |                    |
|                  |               |             |             | 56         |                   |                             |                                                                         |                     |                      |             |                                |                    |
|                  |               |             |             | 57         |                   |                             |                                                                         |                     |                      |             |                                |                    |
|                  |               |             |             | 58         |                   |                             |                                                                         |                     |                      |             |                                |                    |
|                  |               |             |             | 59         |                   |                             |                                                                         |                     |                      |             |                                |                    |
|                  |               |             |             | 60         |                   |                             |                                                                         |                     |                      |             |                                |                    |
|                  |               |             |             | 61         |                   |                             |                                                                         |                     |                      |             |                                |                    |
|                  |               |             |             | 62         |                   |                             |                                                                         |                     |                      |             |                                |                    |
|                  |               |             |             | 63         |                   |                             |                                                                         |                     |                      |             |                                |                    |
|                  |               |             |             | 64         |                   |                             |                                                                         |                     |                      |             |                                |                    |
|                  |               |             |             | 65         |                   |                             |                                                                         |                     |                      |             |                                |                    |
|                  |               |             |             | 66         |                   |                             |                                                                         |                     |                      |             |                                |                    |
|                  |               |             |             | 67         |                   |                             |                                                                         |                     |                      |             |                                |                    |
|                  |               |             |             | 68         |                   |                             |                                                                         |                     |                      |             |                                |                    |
|                  |               |             |             | 69         |                   |                             |                                                                         |                     |                      |             |                                |                    |
|                  |               |             |             | 70         |                   |                             |                                                                         |                     |                      |             |                                |                    |
|                  |               |             |             | 71         |                   |                             |                                                                         |                     |                      |             |                                |                    |
|                  |               |             |             | 72         |                   |                             |                                                                         |                     |                      |             |                                |                    |
|                  |               |             |             | 73         |                   |                             |                                                                         |                     |                      |             |                                |                    |
|                  |               |             |             | 74         |                   |                             |                                                                         |                     |                      |             |                                |                    |
|                  |               |             |             | 75         |                   |                             |                                                                         |                     |                      |             |                                |                    |
|                  |               |             |             | 76         |                   |                             |                                                                         |                     |                      |             |                                |                    |
|                  |               |             |             | 77         |                   |                             |                                                                         |                     |                      |             |                                |                    |
|                  |               |             |             | 78         |                   |                             |                                                                         |                     |                      |             |                                |                    |
|                  |               |             |             | 79         |                   |                             |                                                                         |                     |                      |             |                                |                    |
|                  |               |             |             | 80         |                   |                             |                                                                         |                     |                      |             |                                |                    |
|                  |               |             |             | 81         |                   |                             |                                                                         |                     |                      |             |                                |                    |
|                  |               |             |             | 82         |                   |                             |                                                                         |                     |                      |             |                                |                    |
|                  |               |             |             | 83         |                   |                             |                                                                         |                     |                      |             |                                |                    |
|                  |               |             |             | 84         |                   |                             |                                                                         |                     |                      |             |                                |                    |
|                  |               |             |             | 85         |                   |                             |                                                                         |                     |                      |             |                                |                    |
|                  |               |             |             | 86         |                   |                             |                                                                         |                     |                      |             |                                |                    |
|                  |               |             |             | 87         |                   |                             |                                                                         |                     |                      |             |                                |                    |
|                  |               |             |             | 88         |                   |                             |                                                                         |                     |                      |             |                                |                    |
|                  |               |             |             | 89         |                   |                             |                                                                         |                     |                      |             |                                |                    |
|                  |               |             |             | 90         |                   |                             |                                                                         |                     |                      |             |                                |                    |
|                  |               |             |             | 91         |                   |                             |                                                                         |                     |                      |             |                                |                    |
|                  |               |             |             | 92         |                   |                             |                                                                         |                     |                      |             |                                |                    |
|                  |               |             |             | 93         |                   |                             |                                                                         |                     |                      |             |                                |                    |
|                  |               |             |             | 94         |                   |                             |                                                                         |                     |                      |             |                                |                    |
|                  |               |             |             | 95         |                   |                             |                                                                         |                     |                      |             |                                |                    |
|                  |               |             |             | 96         |                   |                             |                                                                         |                     |                      |             |                                |                    |
|                  |               |             |             | 97         |                   |                             |                                                                         |                     |                      |             |                                |                    |
|                  |               |             |             | 98         |                   |                             |                                                                         |                     |                      |             |                                |                    |
|                  |               |             |             | 99         |                   |                             |                                                                         |                     |                      |             |                                |                    |
|                  |               |             |             | 100        |                   |                             |                                                                         |                     |                      |             |                                |                    |
|                  |               |             |             | 101        |                   |                             |                                                                         |                     |                      |             |                                |                    |
|                  |               |             |             | 102        |                   |                             |                                                                         |                     |                      |             |                                |                    |
|                  |               |             |             | 103        |                   |                             |                                                                         |                     |                      |             |                                |                    |
|                  |               |             |             | 104        |                   |                             |                                                                         |                     |                      |             |                                |                    |
|                  |               |             |             | 105        |                   |                             |                                                                         |                     |                      |             |                                |                    |
|                  |               |             |             | 106        |                   |                             |                                                                         |                     |                      |             |                                |                    |
|                  |               |             |             | 107        |                   |                             |                                                                         |                     |                      |             |                                |                    |
|                  |               |             |             | 108        |                   |                             |                                                                         |                     |                      |             |                                |                    |
|                  |               |             |             | 109        |                   |                             |                                                                         |                     |                      |             |                                |                    |
|                  |               |             |             | 110        |                   |                             |                                                                         |                     |                      |             |                                |                    |
|                  |               |             |             | 111        |                   |                             |                                                                         |                     |                      |             |                                |                    |
|                  |               |             |             | 112        |                   |                             |                                                                         |                     |                      |             |                                |                    |
|                  |               |             |             | 113        |                   |                             |                                                                         |                     |                      |             |                                |                    |
|                  |               |             |             | 114        |                   |                             |                                                                         |                     |                      |             |                                |                    |
|                  |               |             |             | 115        |                   |                             |                                                                         |                     |                      |             |                                |                    |
|                  |               |             |             | 116        |                   |                             |                                                                         |                     |                      |             |                                |                    |
|                  |               |             |             | 117        |                   |                             |                                                                         |                     |                      |             |                                |                    |
|                  |               |             |             | 118        |                   |                             |                                                                         |                     |                      |             |                                |                    |
|                  |               |             |             | 119        |                   |                             |                                                                         |                     |                      |             |                                |                    |
|                  |               |             |             | 120        |                   |                             |                                                                         |                     |                      |             |                                |                    |
|                  |               |             |             | 121        |                   |                             |                                                                         |                     |                      |             |                                |                    |
|                  |               |             |             | 122        |                   |                             |                                                                         |                     |                      |             |                                |                    |
|                  |               |             |             | 123        |                   |                             |                                                                         |                     |                      |             |                                |                    |
|                  |               |             |             | 124        |                   |                             |                                                                         |                     |                      |             |                                |                    |
|                  |               |             |             | 125        |                   |                             |                                                                         |                     |                      |             |                                |                    |
|                  |               |             |             | 126        |                   |                             |                                                                         |                     |                      |             |                                |                    |
|                  |               |             |             | 127        |                   |                             |                                                                         |                     |                      |             |                                |                    |
|                  |               |             |             | 128        |                   |                             |                                                                         |                     |                      |             |                                |                    |
|                  |               |             |             | 129        |                   |                             |                                                                         |                     |                      |             |                                |                    |
|                  |               |             |             | 130        |                   |                             |                                                                         |                     |                      |             |                                |                    |
|                  |               |             |             | 131        |                   |                             |                                                                         |                     |                      |             |                                |                    |
|                  |               |             |             | 132        |                   |                             |                                                                         |                     |                      |             |                                |                    |
|                  |               |             |             | 133        |                   |                             |                                                                         |                     |                      |             |                                |                    |
|                  |               |             |             | 134        |                   |                             |                                                                         |                     |                      |             |                                |                    |
|                  |               |             |             | 135        |                   |                             |                                                                         |                     |                      |             |                                |                    |
|                  |               |             |             | 136        |                   |                             |                                                                         |                     |                      |             |                                |                    |
|                  |               |             |             | 137        |                   |                             |                                                                         |                     |                      |             |                                |                    |
|                  |               |             |             | 138        |                   |                             |                                                                         |                     |                      |             |                                |                    |
|                  |               |             |             | 139        |                   |                             |                                                                         |                     |                      |             |                                |                    |
|                  |               |             |             | 140        |                   |                             |                                                                         |                     |                      |             |                                |                    |
|                  |               |             |             | 141        |                   |                             |                                                                         |                     |                      |             |                                |                    |
|                  |               |             |             | 142        |                   |                             |                                                                         |                     |                      |             |                                |                    |
|                  |               |             |             | 143        |                   |                             |                                                                         |                     |                      |             |                                |                    |
|                  |               |             |             | 144        |                   |                             |                                                                         |                     |                      |             |                                |                    |
|                  |               |             |             | 145        |                   |                             |                                                                         |                     |                      |             |                                |                    |
|                  |               |             |             | 146        |                   |                             |                                                                         |                     |                      |             |                                |                    |
|                  |               |             |             | 147        |                   |                             |                                                                         |                     |                      |             |                                |                    |
|                  |               |             |             | 148        |                   |                             |                                                                         |                     |                      |             |                                |                    |
|                  |               |             |             | 149        |                   |                             |                                                                         |                     |                      |             |                                |                    |
|                  |               |             |             | 150        |                   |                             |                                                                         |                     |                      |             |                                |                    |
|                  |               |             |             | 151        |                   |                             |                                                                         |                     |                      |             |                                |                    |
|                  |               |             |             | 152        |                   |                             |                                                                         |                     |                      |             |                                |                    |
|                  |               |             |             | 153        |                   |                             |                                                                         |                     |                      |             |                                |                    |
|                  |               |             |             | 154        |                   |                             |                                                                         |                     |                      |             |                                |                    |
|                  |               |             |             | 155        |                   |                             |                                                                         |                     |                      |             |                                |                    |
|                  |               |             |             | 156        |                   |                             |                                                                         |                     |                      |             |                                |                    |
|                  |               |             |             | 157        |                   |                             |                                                                         |                     |                      |             |                                |                    |
|                  |               |             |             | 158        |                   |                             |                                                                         |                     |                      |             |                                |                    |
|                  |               |             |             | 159        |                   |                             |                                                                         |                     |                      |             |                                |                    |
|                  |               |             |             | 160        |                   |                             |                                                                         |                     |                      |             |                                |                    |
|                  |               |             |             | 161        |                   |                             |                                                                         |                     |                      |             |                                |                    |
|                  |               |             |             | 162        |                   |                             |                                                                         |                     |                      |             |                                |                    |
|                  |               |             |             | 163        |                   |                             |                                                                         |                     |                      |             |                                |                    |
|                  |               |             |             | 164        |                   |                             |                                                                         |                     |                      |             |                                |                    |
|                  |               |             |             | 165        |                   |                             |                                                                         |                     |                      |             |                                |                    |
|                  |               |             |             | 166        |                   |                             |                                                                         |                     |                      |             |                                |                    |
|                  |               |             |             | 167        |                   |                             |                                                                         |                     |                      |             |                                |                    |
|                  |               |             |             | 168        |                   |                             |                                                                         |                     |                      |             |                                |                    |
|                  |               |             |             | 169        |                   |                             |                                                                         |                     |                      |             |                                |                    |



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## LOG OF BORING B-03-PMT

Sheet 1 of 1

|                 |                           |                  |                                   |                       |
|-----------------|---------------------------|------------------|-----------------------------------|-----------------------|
| Rubino Job No.: | G19.004                   | Drilling Method: | Mudrotary with Tricone Roller Bit | WATER LEVELS          |
| Project:        | Glen Ellyn Parking Garage | Sampling Method: | Shelby Tube/Pressure Meter        | ▽ While Drilling MUD  |
| Location:       | 535 Duane Street          | Hammer Type:     | Automatic                         | ▼ Upon Completion MUD |
| City, State:    | Glen Ellyn, Illinois      | Boring Location: | 4 feet east of B-03               | ▼ Delay N/A           |
| Client:         | Mortenson                 |                  |                                   |                       |

| Elevation (feet) | Depth, (feet) | Graphic Log | Sample Type | Sample No. | Recovery (inches) | Station: N/A<br>Offset: N/A | MATERIAL DESCRIPTION                                                                                                                         | USCS Classification | SPT Blows per 6-inch | Moisture, % | STANDARD PENETRATION TEST DATA                       | Additional Remarks |
|------------------|---------------|-------------|-------------|------------|-------------------|-----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|---------------------|----------------------|-------------|------------------------------------------------------|--------------------|
|                  |               |             |             |            |                   |                             | Surface Elev.: 761.33 ft                                                                                                                     |                     |                      |             | ◎<br>× Moisture<br>▲ Qu * Qp<br>0 25 50<br>0 2.0 4.0 |                    |
| 760              | 0             |             |             |            |                   |                             | Blind Drill to 13 ½ feet                                                                                                                     |                     |                      |             |                                                      |                    |
| 755              | 5             |             |             |            |                   |                             |                                                                                                                                              |                     |                      |             |                                                      |                    |
| 750              | 10            |             |             |            |                   |                             |                                                                                                                                              |                     |                      |             |                                                      |                    |
| 745              | 15            |             | P           | 1          | 36                |                             | TEXAM Pressuremeter Testing at 13 ½ ft:<br>E <sub>o</sub> = 53 tsf<br>P <sub>L</sub> = 8.9 tsf                                               | CL                  | P-U-S-H              |             |                                                      |                    |
| 740              | 20            |             | P           | 2          | 36                |                             | Blind Drill to 18 feet<br>TEXAM Pressuremeter Testing at 18 ft:<br>E <sub>o</sub> = 45 tsf<br>P <sub>L</sub> = 9.9 tsf                       | CL                  | P-U-S-H              |             |                                                      |                    |
| 735              | 25            |             |             |            |                   |                             | Blind Drill to 33 ½ feet                                                                                                                     |                     |                      |             |                                                      |                    |
| 730              | 30            |             |             |            |                   |                             |                                                                                                                                              |                     |                      |             |                                                      |                    |
| 725              | 35            |             | P           | 3          | 36                |                             | TEXAM Pressuremeter Testing at 33 ½ ft:<br>E <sub>o</sub> 38 tsf<br>P <sub>L</sub> = 9.9 tsf                                                 | CL                  | P-U-S-H              |             |                                                      |                    |
|                  |               |             |             |            |                   |                             | End of boring at approximately 36 ½ feet below existing grade. Mud rotary drilling method used while drilling, no free groundwater observed. |                     |                      |             |                                                      |                    |

|                        |                          |               |               |                            |
|------------------------|--------------------------|---------------|---------------|----------------------------|
| Completion Depth:      | 36.5 ft                  | Sample Types: | Pressuremeter | Latitude: 41.874761°       |
| Date Boring Started:   | 2/14/19                  | Auger Cutting | Shelby Tube   | Longitude: -88.065801°     |
| Date Boring Completed: | 2/14/19                  | Split-Spoon   | Hand Auger    | Drill Rig: Geoprobe 7822DT |
| Logged By:             | Wang                     | Rock Core     | Direct Push   | Remarks:                   |
| Drilling Contractor:   | Rubino Engineering, Inc. |               |               |                            |

The stratification lines represent approximate boundaries. The transition may be gradual.



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# LOG OF BORING B-04

Sheet 1 of 1

|                                    |                                           |                                                                                     |
|------------------------------------|-------------------------------------------|-------------------------------------------------------------------------------------|
| Rubino Job No.: G19.004            | Drilling Method: 3 1/4 Hollow Stem Auger  | <b>WATER LEVELS</b><br>▽ While Drilling N/A<br>▼ Upon Completion N/A<br>▽ Delay N/A |
| Project: Glen Ellyn Parking Garage | Sampling Method: Shelby Tube/Split Spoon  |                                                                                     |
| Location: 535 Duane Street         | Hammer Type: Automatic                    |                                                                                     |
| City, State: Glen Ellyn, Illinois  | Boring Location: East side of Parking Lot |                                                                                     |
| Client: Mortenson                  |                                           |                                                                                     |

| Elevation (feet) | Depth, (feet) | Graphic Log | Sample Type | Sample No. | Recovery (inches) | Station: N/A<br>Offset: N/A | MATERIAL DESCRIPTION                                                                                                   | USCS Classification | SPT Blows per 6-inch | Moisture, % | STANDARD PENETRATION TEST DATA             | Additional Remarks   |
|------------------|---------------|-------------|-------------|------------|-------------------|-----------------------------|------------------------------------------------------------------------------------------------------------------------|---------------------|----------------------|-------------|--------------------------------------------|----------------------|
|                  |               |             |             |            |                   |                             | Surface Elev.: 760.20 ft                                                                                               |                     |                      |             | ◎ Moisture<br>✕ PL<br>✕ LL<br>▲ Qu<br>✱ Qp |                      |
|                  | 0             |             |             | 1          | 16                |                             | Approximately 5 inches of ASPHALT UNDOCUMENTED FILL; brown to gray gravel with bricks and concrete                     |                     | 9-18-25<br>N=43      | 11          | ✕                                          |                      |
| 755              | 5             |             |             | 2          | 16                |                             | Soft, brown to greensih-brown silty CLAY, trace sand and gravel                                                        | CL                  | 2-1-2<br>N=3         | 28          | ◎                                          | ✕ ✕ Qp=2.0 tsf       |
|                  |               |             |             | 3          | 16                |                             | Stiff, brown and gray mottled silty CLAY, trace sand and gravel                                                        | CL                  | 2-5-6<br>N=11        | 19          | ◎ ✕                                        | ✕ Qp=4.0 tsf         |
| 750              | 10            |             |             | 4          | 14                |                             | Stiff, brown clayey SILT                                                                                               | ML                  | 3-4-5<br>N=9         | 16          | ◎ ✕ ✕                                      | Qp=3.0<br>Qp=1.8 tsf |
|                  |               |             |             | 5          | 1                 |                             |                                                                                                                        |                     | 5-7-8<br>N=15        | 21          | ◎ ✕                                        |                      |
| 745              | 15            |             |             | 6          | 18                |                             |                                                                                                                        |                     | 3-3-5<br>N=8         | 17          | ◎ ✕ ✕                                      | Qp=2.5 tsf           |
|                  |               |             |             | 7          | 18                |                             | Increased percentage of gravel from 16½ feet to 18½ feet below existing grade                                          |                     | 2-3-3<br>N=6         | 14          | ◎ ✕                                        | Qp=0.5 tsf           |
| 740              | 20            |             |             | 8          | 14                |                             | Color change to gray at approximately 23½ feet below existing grade                                                    |                     | 5-5-8<br>N=13        | 14          | ◎ ✕                                        | ✕ Qp=3.5 tsf         |
| 735              | 25            |             |             | 9          | 16                |                             |                                                                                                                        |                     | 3-5-7<br>N=12        | 14          | ◎ ✕                                        | ✕ Qp=3.8 tsf         |
|                  | 30            |             |             |            |                   |                             | End of boring at approximately 30 feet below existing grade.<br>No groundwater encountered during drilling operations. |                     |                      |             |                                            |                      |

|                                               |               |                 |                            |
|-----------------------------------------------|---------------|-----------------|----------------------------|
| Completion Depth: 30.0 ft                     | Sample Types: | P Pressuremeter | Latitude: 41.874915        |
| Date Boring Started: 2/6/19                   | Auger Cutting | Shelby Tube     | Longitude: -88.065517      |
| Date Boring Completed: 2/6/19                 | Split-Spoon   | Hand Auger      | Drill Rig: Geoprobe 7822DT |
| Logged By: J.W.                               | Rock Core     | Direct Push     | Remarks:                   |
| Drilling Contractor: Rubino Engineering, Inc. |               |                 |                            |

The stratification lines represent approximate boundaries. The transition may be gradual.





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# LOG OF BORING B-05

Sheet 1 of 1

|                                    |                                                  |                       |
|------------------------------------|--------------------------------------------------|-----------------------|
| Rubino Job No.: G19.004            | Drilling Method: 3 1/4 Hollow Stem Auger         | <b>WATER LEVELS</b>   |
| Project: Glen Ellyn Parking Garage | Sampling Method: Shelby Tube/Split Spoon         | ▽ While Drilling N/A  |
| Location: 535 Duane Street         | Hammer Type: Automatic                           | ▼ Upon Completion N/A |
| City, State: Glen Ellyn, Illinois  | Boring Location: Southeast Corner of Parking Lot | ▼ Delay N/A           |
| Client: Mortenson                  |                                                  |                       |

| Elevation (feet) | Depth, (feet) | Graphic Log | Sample Type | Sample No. | Recovery (inches) | Station: N/A<br>Offset: N/A | MATERIAL DESCRIPTION                                                                                                   | USCS Classification | SPT Blows per 6-inch | Moisture, % | STANDARD PENETRATION TEST DATA                          | Additional Remarks |
|------------------|---------------|-------------|-------------|------------|-------------------|-----------------------------|------------------------------------------------------------------------------------------------------------------------|---------------------|----------------------|-------------|---------------------------------------------------------|--------------------|
|                  |               |             |             |            |                   |                             | Surface Elev.: 762.60 ft                                                                                               |                     |                      |             | ◎ Moisture<br>× PL<br>▲ Qu * Qp<br>0 25 50<br>0 2.0 4.0 |                    |
| 760              | 0             |             |             | 1          | 16                |                             | Approximately 4 inches of ASPHALT                                                                                      |                     | 7-8-8<br>N=16        | 26          | ◎ ×                                                     |                    |
|                  |               |             |             | 2          | 10                |                             | Approximately 10 inches of GRAVEL BASE                                                                                 |                     | 2-2-4<br>N=6         | 21          | ◎ ×                                                     |                    |
| 755              | 5             |             |             | 3          | 10                |                             | UNDOCUMENTED FILL; brown and gray silty clay with sand, gravel, and brick                                              | CL                  | 3-3-3<br>N=6         | 24<br>17    | ◎ × *                                                   | Qp=2.5 tsf         |
|                  |               |             |             | 4          | 16                |                             | Medium stiff, brown silty CLAY, trace sand                                                                             | CL                  | 3-4-7<br>N=11        | 17          | ◎ × *                                                   | Qp=4.0 tsf         |
| 750              | 10            |             |             | 5          | 12                |                             | Stiff, brown and gray mottled silty CLAY, trace sand and gravel                                                        | CL                  | 4-4-7<br>N=11        | 16          | ◎ × *                                                   | Qp=4.0 tsf         |
|                  |               |             |             | 6          | 12                |                             | Stiff to very stiff, brown to gray silty CLAY, trace sand and gravel                                                   |                     | 4-7-8<br>N=15        | 16          | ◎ ×                                                     |                    |
| 745              | 15            |             |             | 7          | 16                |                             | Color change to gray at approximately 18 1/2 feet below existing grade                                                 | CL                  | 3-4-5<br>N=9         | 21          | ◎ × *                                                   | Qp=3.0 tsf         |
| 740              | 20            |             |             | 8          | 16                |                             |                                                                                                                        |                     | 3-4-6<br>N=10        | 22          | ◎ × *                                                   | Qp=3.3 tsf         |
| 735              | 25            |             |             | 9          | 14                |                             | Very stiff, brownish-gray SILT                                                                                         | ML                  | 3-7-9<br>N=16        | 32          | ◎ * ×                                                   | Qp=2.0 tsf         |
| 30               | 30            |             |             |            |                   |                             | End of boring at approximately 30 feet below existing grade.<br>No groundwater encountered during drilling operations. |                     |                      |             |                                                         |                    |

|                                               |               |               |                            |
|-----------------------------------------------|---------------|---------------|----------------------------|
| Completion Depth: 30.0 ft                     | Sample Types: | Pressuremeter | Latitude: 41.874649        |
| Date Boring Started: 2/6/19                   | Auger Cutting | Shelby Tube   | Longitude: -88.065524      |
| Date Boring Completed: 2/6/19                 | Split-Spoon   | Hand Auger    | Drill Rig: Geoprobe 7822DT |
| Logged By: J.W.                               | Rock Core     | Direct Push   | Remarks:                   |
| Drilling Contractor: Rubino Engineering, Inc. |               |               |                            |

The stratification lines represent approximate boundaries. The transition may be gradual.



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# LOG OF BORING B-06

Sheet 1 of 1

|                                    |                                          |                       |
|------------------------------------|------------------------------------------|-----------------------|
| Rubino Job No.: G19.004            | Drilling Method: 3 1/4 Hollow Stem Auger | <b>WATER LEVELS</b>   |
| Project: Glen Ellyn Parking Garage | Sampling Method: Shelby Tube/Split Spoon | ▽ While Drilling N/A  |
| Location: 535 Duane Street         | Hammer Type: Automatic                   | ▼ Upon Completion N/A |
| City, State: Glen Ellyn, Illinois  | Boring Location: Southwest Corner        | ▼ Delay N/A           |
| Client: Mortenson                  | Parking Lot                              |                       |

| Elevation (feet) | Depth, (feet) | Graphic Log | Sample Type | Sample No. | Recovery (inches) | Station: N/A<br>Offset: N/A | MATERIAL DESCRIPTION                                                                                                                                                        | USCS Classification | SPT Blows per 6-inch | Moisture, % | STANDARD PENETRATION TEST DATA                                                 | Additional Remarks                |
|------------------|---------------|-------------|-------------|------------|-------------------|-----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|----------------------|-------------|--------------------------------------------------------------------------------|-----------------------------------|
|                  |               |             |             |            |                   |                             | Surface Elev.: 762.70 ft                                                                                                                                                    |                     |                      |             | Moisture, %<br>0 25 50<br>X Moisture<br>PL<br>LL<br>STRENGTH, tsf<br>▲ Qu * Qp |                                   |
|                  | 0             |             |             |            |                   |                             | Approximately 6 inches of ASPHALT<br>Approximately 8 inches of GRAVEL BASE<br>Stiff, brown silty CLAY, trace sand and gravel<br>High N Values possibly due to frozen ground |                     |                      |             |                                                                                |                                   |
| 760              | 5             |             |             | 1          | 18                |                             |                                                                                                                                                                             | CL                  | 14-23-19<br>N=42     | 18          |                                                                                |                                   |
|                  |               |             |             | 2          | 13                |                             |                                                                                                                                                                             |                     | 6-7-13<br>N=20       | 17          |                                                                                | *Qp=4.0 tsf                       |
| 755              | 10            |             |             | 3          | 16                |                             | Stiff to very stiff, brown silty CLAY, trace sand and gravel                                                                                                                |                     | 3-5-6<br>N=11        | 19          |                                                                                | >>*Qp=4.5 tsf                     |
|                  |               |             |             | 4          | 16                |                             |                                                                                                                                                                             |                     | 3-6-7<br>N=13        | 19          |                                                                                | >>*Qp=4.5 tsf                     |
| 750              | 15            |             |             | 5          | 18                |                             | Color changes to gray                                                                                                                                                       | CL                  | 2-4-5<br>N=9         | 21          |                                                                                | *Qp=4.0 tsf<br>LL = 33<br>PL = 20 |
|                  |               |             |             | 6          | 12                |                             |                                                                                                                                                                             |                     | 2-4-12<br>N=16       | 10          |                                                                                | Qp=2.5 tsf                        |
| 745              | 20            |             |             | 7          | 18                |                             | Medium stiff to very stiff, gray silty CLAY, trace sand and gravel                                                                                                          |                     | 3-2-4<br>N=6         | 15          |                                                                                | Qp=2.3 tsf                        |
| 740              | 25            |             |             | 8          | 0                 |                             |                                                                                                                                                                             | CL                  | 10-8-9<br>N=17       | 15          |                                                                                |                                   |
| 735              | 30            |             |             | 9          | 9                 |                             | End of boring at approximately 30 feet below existing grade.<br>No groundwater encountered during drilling operations.                                                      |                     | 7-5-5<br>N=10        | 17          |                                                                                | Qp=2.5 tsf                        |

|                                               |               |                 |                            |
|-----------------------------------------------|---------------|-----------------|----------------------------|
| Completion Depth: 30.0 ft                     | Sample Types: | P Pressuremeter | Latitude: 41.874642        |
| Date Boring Started: 2/1/19                   | Auger Cutting | Shelby Tube     | Longitude: -88.065853      |
| Date Boring Completed: 2/1/19                 | Split-Spoon   | Hand Auger      | Drill Rig: Geoprobe 7822DT |
| Logged By: J.W.                               | Rock Core     | Direct Push     | Remarks:                   |
| Drilling Contractor: Rubino Engineering, Inc. |               |                 |                            |

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# LOG OF BORING B-07

Sheet 1 of 1

|                                    |                                          |                          |
|------------------------------------|------------------------------------------|--------------------------|
| Rubino Job No.: G19.004            | Drilling Method: 3 ¼ Hollow Stem Auger   | <b>WATER LEVELS</b>      |
| Project: Glen Ellyn Parking Garage | Sampling Method: Shelby Tube/Split Spoon | ▽ While Drilling 18.5 ft |
| Location: 535 Duane Street         | Hammer Type: Automatic                   | ▼ Upon Completion N/A    |
| City, State: Glen Ellyn, Illinois  | Boring Location: South Middle            | ▼ Delay N/A              |
| Client: Mortenson                  | Parking Lot                              |                          |

| Elevation (feet) | Depth, (feet) | Graphic Log | Sample Type | Sample No. | Recovery (inches) | Station: N/A<br>Offset: N/A | MATERIAL DESCRIPTION                                                                                                                                                              | USCS Classification | SPT Blows per 6-inch | Moisture, % | STANDARD PENETRATION TEST DATA             | Additional Remarks |
|------------------|---------------|-------------|-------------|------------|-------------------|-----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|----------------------|-------------|--------------------------------------------|--------------------|
|                  |               |             |             |            |                   |                             | Surface Elev.: 763.64 ft                                                                                                                                                          |                     |                      |             | ◎ Moisture<br>✕ PL<br>✕ LL<br>▲ Qu<br>* Qp |                    |
| 760              | 0             |             |             | 1          | 18                |                             | Approximately 6 inches of ASPHALT<br>Approximately 10 inches of GRAVEL BASE<br>Very stiff, brown silty CLAY, trace sand and gravel<br>High N Values possibly due to frozen ground | CL                  | 25-19-19<br>N=38     | 17          | ✕                                          | Qp=3.3 tsf         |
| 755              | 5             |             |             | 2          | 16                |                             |                                                                                                                                                                                   |                     | 3-7-9<br>N=16        | 16          | ✕                                          | >>> Qp=4.5 tsf     |
| 750              | 10            |             |             | 3          | 14                |                             | Medium stiff to stiff, brown silty CLAY, trace sand and gravel                                                                                                                    | CL                  | 2-3-4<br>N=7         | 19          | ✕                                          | Qp=2.5 tsf         |
| 745              | 15            |             |             | 4          | 16                |                             |                                                                                                                                                                                   |                     | 4-6-8<br>N=14        | 17          | ✕                                          | Qp=3.3 tsf         |
| 740              | 20            |             |             | 5          | 16                |                             | Stiff, gray silty CLAY, trace sand and gravel                                                                                                                                     |                     | 3-5-6<br>N=11        | 16          | ✕                                          | Qp=3.0 tsf         |
| 735              | 25            |             |             | 6          | 16                |                             |                                                                                                                                                                                   |                     | 3-4-5<br>N=9         | 19          | ✕                                          | Qp=3.0 tsf         |
| 730              | 30            |             |             | 7          | 18                |                             |                                                                                                                                                                                   |                     | 4-4-5<br>N=9         | 14          | ✕                                          | Qp=2.5 tsf         |
| 725              | 35            |             |             | 8          | 4                 |                             |                                                                                                                                                                                   |                     | 11-8-5<br>N=13       | 14          | ✕                                          | Qp=2.3 tsf         |
| 720              | 40            |             |             | 9          | 12                |                             |                                                                                                                                                                                   |                     | 4-5-6<br>N=11        | 16          | ✕                                          | Qp=3.3 tsf         |
|                  |               |             |             |            |                   |                             | End of boring at approximately 30 feet below existing grade.                                                                                                                      |                     |                      |             |                                            |                    |

Completion Depth: 30.0 ft  
Date Boring Started: 2/1/19  
Date Boring Completed: 2/1/19  
Logged By: J.W.  
Drilling Contractor: Rubino Engineering, Inc.

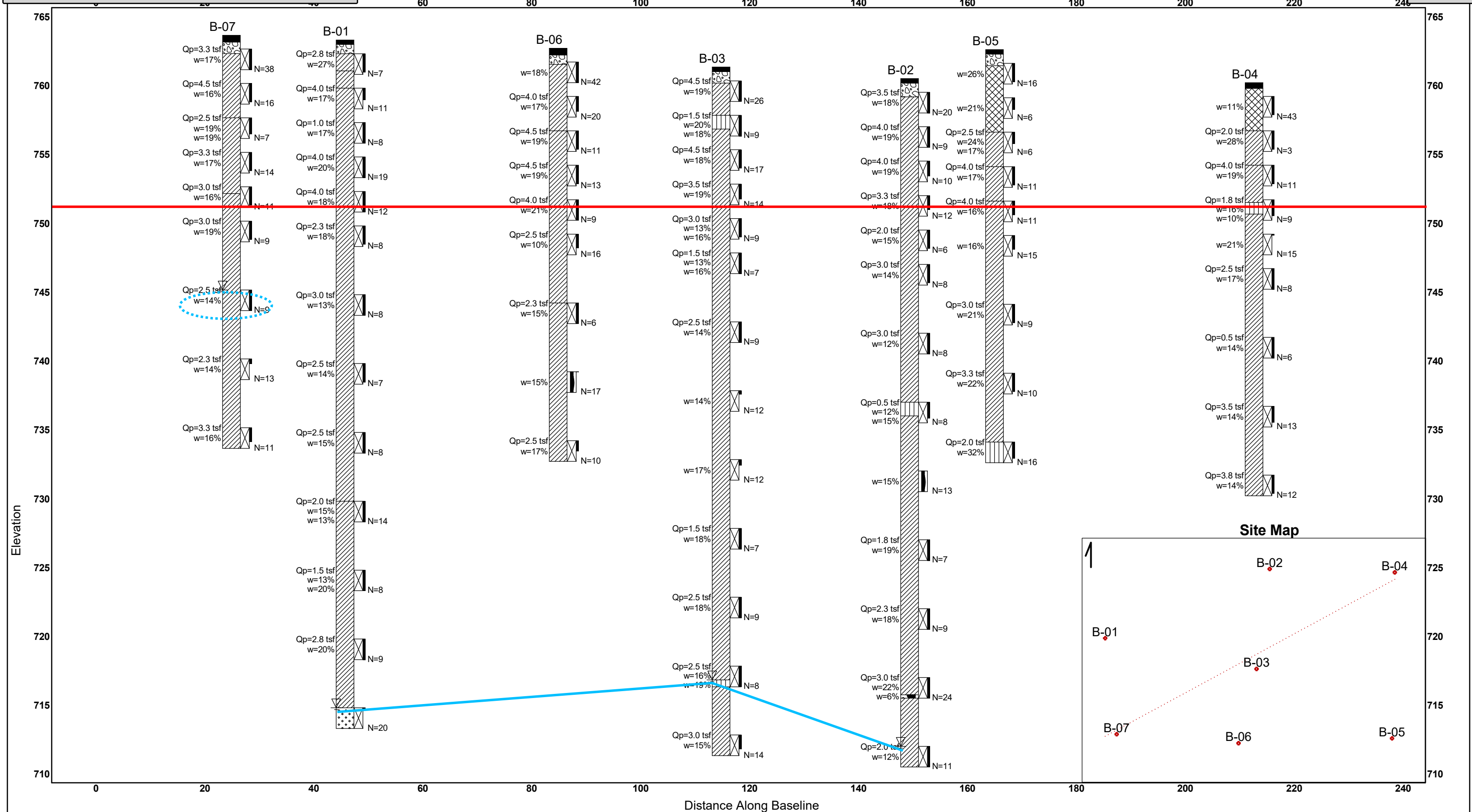
## Sample Types:

Auger Cutting  
 Split-Spoon  
 Rock Core

Pressuremeter  
 Shelby Tube  
 Hand Auger  
 Direct Push

Latitude: 41.874657  
 Longitude: -88.066114  
 Drill Rig: Geoprobe 7822DT  
 Remarks:

The stratification lines represent approximate boundaries. The transition may be gradual.



Rubino Engineering, Inc.  
425 Shepard Drive  
Elgin, IL 60123  
Telephone: 847-931-1555  
Fax: 847-931-1560

# Soil Profile

**Sample Types:**

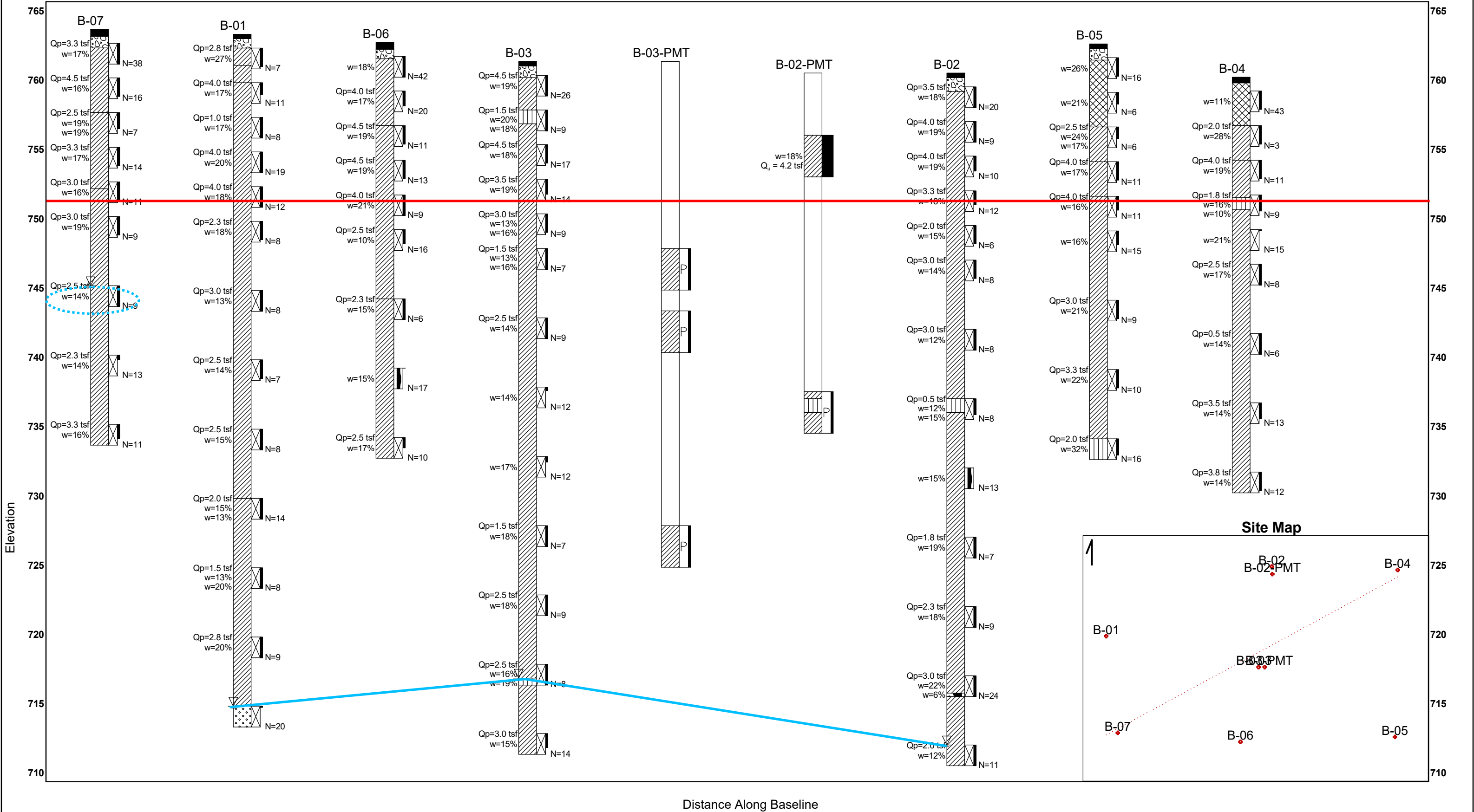
- Auger Cuttings
- Split Spoon
- Shelby Tube
- Pressuremeter

**Rubino Job No.:** G19.004  
**Project:** Glen Ellyn Parking Garage  
**Location:** 535 Duane Street  
**City, State:** Glen Ellyn, Illinois  
**Client:** Mortenson

## Legend:

— Basement Elevation 751 ft ¼ in  
— Water Level

Pressuremeter borings excluded in this fence diagram  
Packet Pg. 603



Rubino Engineering, Inc.  
425 Shepard Drive  
Elgin, IL 60123  
Telephone: 847-931-1555  
Fax: 847-931-1560

# Soil Profile

**Sample Types:**  
Auger Cuttings  
Split Spoon  
Shelby Tube  
Pressuremeter

**Rubino Job No.:** G19.004  
**Project:** Glen Ellyn Parking Garage  
**Location:** 535 Duane Street  
**City, State:** Glen Ellyn, Illinois  
**Client:** Mortenson

**Legend:**  
Basement Elevation 751 ft 1/4 in  
Water Level

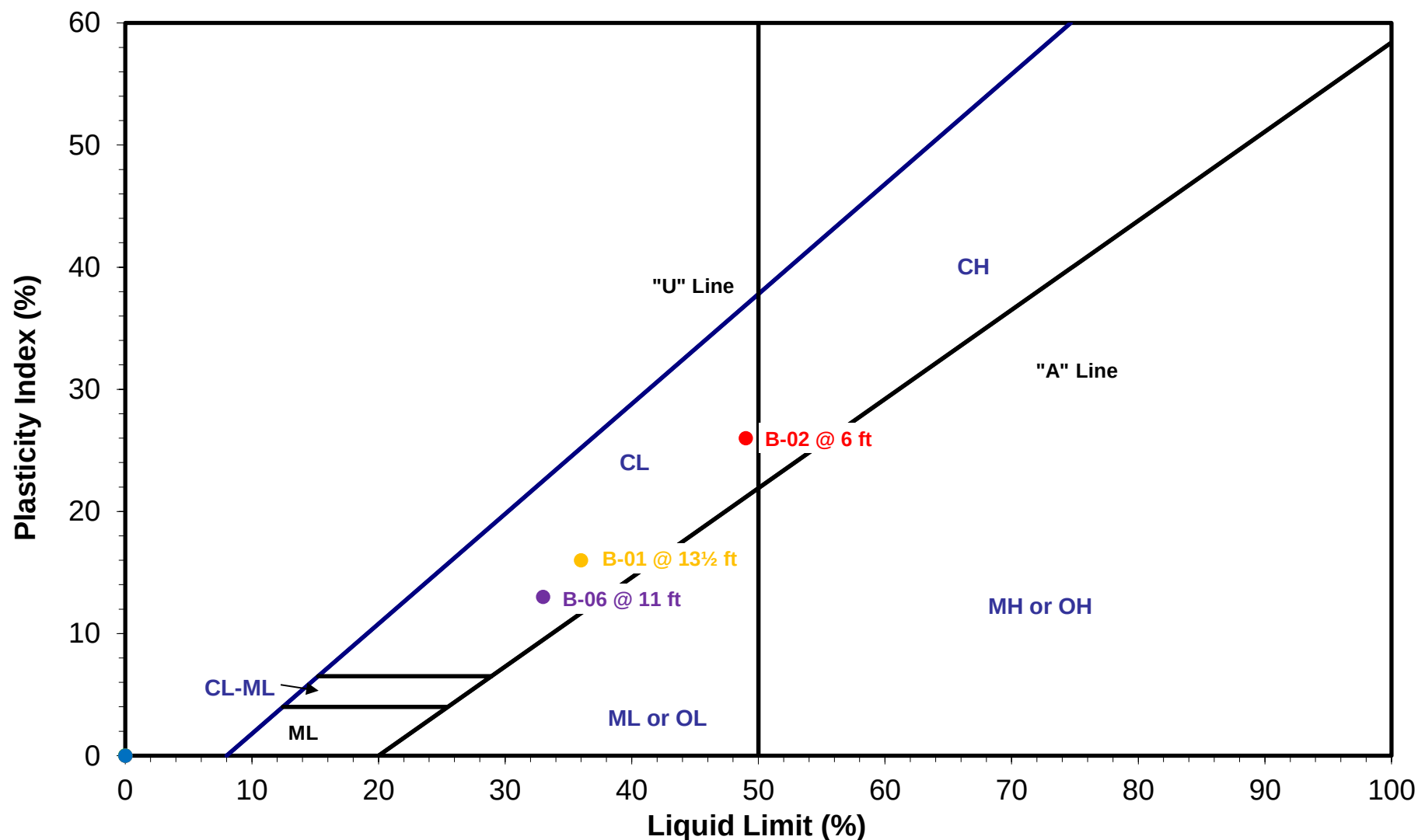
Distance between borings not to scale



## *Appendix K – Laboratory Results*



## Report of Atterberg Limits Test (ASTM D4318 / AASHTO T89 / AASHTO T90)



| Boring # | B-01 @ 13½ ft | B-02 @ 6 ft | B-06 @ 11 ft |  |  |  | <b>Project:</b> Proposed Glen Ellyn Parking Structure<br><b>Location:</b> 535 Duane St. Glen Ellyn, Illinois<br><b>Client:</b> Mortenson Company<br><b>Project #:</b> G19.004 |
|----------|---------------|-------------|--------------|--|--|--|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| LL       | 36            | 49          | 33           |  |  |  |                                                                                                                                                                               |
| PL       | 20            | 23          | 20           |  |  |  |                                                                                                                                                                               |
| PI       | 16            | 26          | 13           |  |  |  |                                                                                                                                                                               |
|          |               |             |              |  |  |  |                                                                                                                                                                               |

# UNCONFINED COMPRESSION TEST



Rubino Project No.: G19.004

Project: Glen Ellyn Civic Center Parking Structure

Client: Mortenson

Date Tested: February 14, 2019

Soil Description: Brown to gray silty CLAY

Boring No.: B-02

Depth (ft): 4.5

Strain rate (%/min): 2

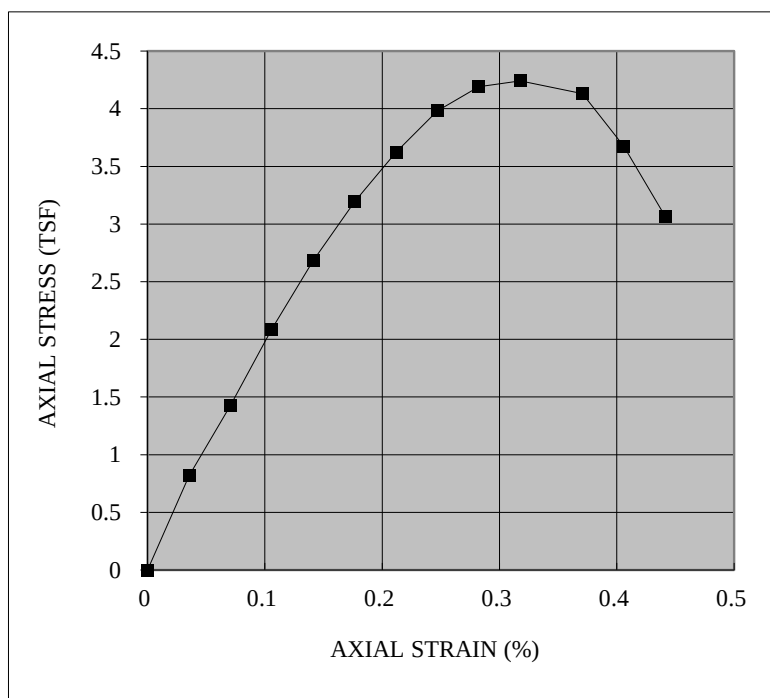
Specimen type: Intact

Moisture source: Trimmings

Remarks: Sample cracked approx. 7 inches from top

|                     |             |                            |         |
|---------------------|-------------|----------------------------|---------|
| Height:             | 5.67 inches | Weight (lb):               | 2.829   |
| Diameter:           | 2.86 inches | Volume (ft <sup>3</sup> ): | 0.02101 |
| Moisture Content:   | 17.8%       | Saturation (%):            | 55.8    |
| Ht.-Diameter Ratio: | 1.98        | Specific Gravity:          | 2.8     |
| Unit Weight (pcf):  | 134.7       | Dry Unit Weight (pcf):     | 114.3   |

| READING NUMBER | READING TIME | DEFORM. (in.) | LOAD (lbs) | STRAIN (%) | CORRECTED AREA (in <sup>2</sup> ) | AXIAL STRESS (tsf) |
|----------------|--------------|---------------|------------|------------|-----------------------------------|--------------------|
| 0              | 000:00:00    |               | 1.10       | 0.0        | 6.41                              | 0.01               |
| 1              | 000:00:30    | 0.00          | 72.70      | 0.0        | 6.41                              | 0.82               |
| 2              | 000:01:00    | 0.00          | 126.80     | 0.1        | 6.41                              | 1.42               |
| 3              | 000:01:30    | 0.01          | 185.90     | 0.1        | 6.41                              | 2.09               |
| 4              | 000:02:00    | 0.01          | 239.00     | 0.1        | 6.42                              | 2.68               |
| 5              | 000:02:30    | 0.01          | 284.70     | 0.2        | 6.42                              | 3.19               |
| 6              | 000:03:00    | 0.01          | 323.20     | 0.2        | 6.42                              | 3.62               |
| 7              | 000:03:30    | 0.01          | 355.00     | 0.2        | 6.42                              | 3.98               |
| 8              | 000:04:00    | 0.02          | 374.00     | 0.3        | 6.42                              | 4.19               |
| 9              | 000:04:30    | 0.02          | 378.60     | 0.3        | 6.43                              | 4.24               |
| 10             | 000:05:00    | 0.02          | 369.00     | 0.4        | 6.43                              | 4.13               |
| 11             | 000:05:30    | 0.02          | 328.40     | 0.4        | 6.43                              | 3.68               |
| 12             | 000:06:00    | 0.03          | 274.00     | 0.4        | 6.43                              | 3.07               |
| Qu =           | 4.24         | tsf           |            | Strain     | 0.3%                              |                    |



FAILURE SKETCH

FRONT



BACK



## *Appendix L – Pressuremeter Results*



## TEXAM Pressuremeter Test

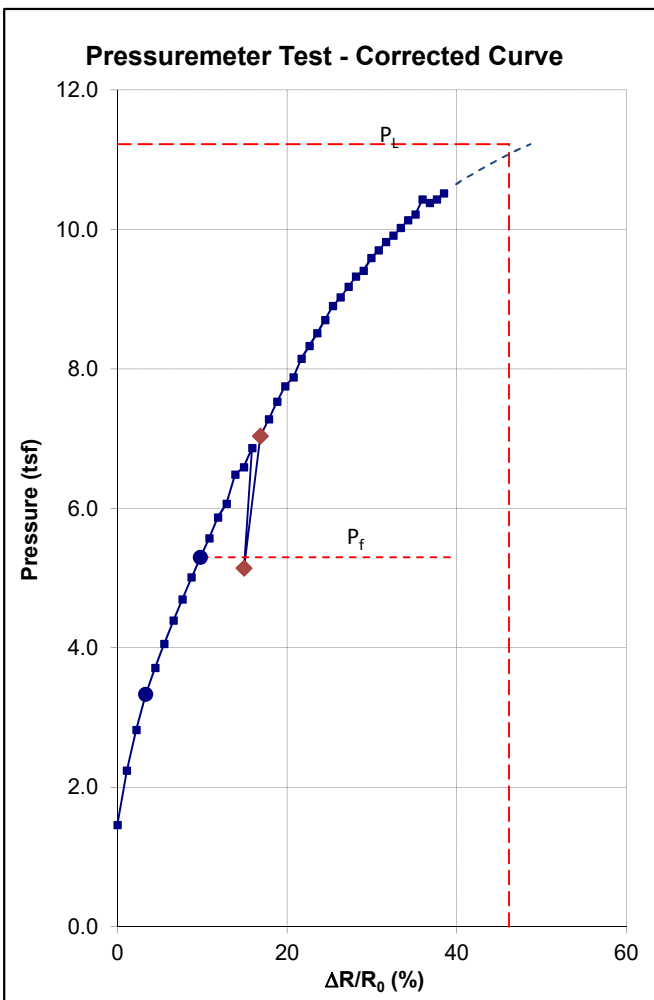
Project number: 847-03-01  
 Project name: Glen Ellyn Civic Center Prking Garage  
 Borehole ID: B-02  
 Test date: 02/14/2019  
 Test number: PMT#2  
 Probe size: N

Client: Rubino  
 Use of a slotted casing: No  
 Test depth: 23.00 feet  
 Manometer height above ground: 2.00 feet  
 Poisson's coefficient: 0.40  
 Fluid density: 1.000

| Raw Readings    |                           | Corrected Readings |                           |                     |
|-----------------|---------------------------|--------------------|---------------------------|---------------------|
| Pressure<br>tsf | Volume<br>cm <sup>3</sup> | Pressure<br>tsf    | Volume<br>cm <sup>3</sup> | $\Delta R/R_0$<br>% |
| 0.68            | 0.0                       | 1.46               | 0.0                       | 0.00                |
| 1.49            | 40.0                      | 2.24               | 39.2                      | 1.12                |
| 2.11            | 80.0                      | 2.82               | 78.6                      | 2.24                |
| 2.65            | 120.0                     | 3.33               | 118.0                     | 3.35                |
| 3.07            | 160.0                     | 3.72               | 157.6                     | 4.45                |
| 3.45            | 200.0                     | 4.06               | 197.3                     | 5.54                |
| 3.80            | 240.0                     | 4.39               | 236.9                     | 6.62                |
| 4.12            | 280.0                     | 4.70               | 276.6                     | 7.69                |
| 4.46            | 320.0                     | 5.01               | 316.2                     | 8.74                |
| 4.76            | 360.0                     | 5.30               | 355.9                     | 9.79                |
| 5.05            | 400.0                     | 5.57               | 395.7                     | 10.83               |
| 5.37            | 440.0                     | 5.87               | 435.3                     | 11.86               |
| 5.57            | 480.0                     | 6.07               | 475.1                     | 12.88               |
| 6.00            | 520.0                     | 6.49               | 514.7                     | 13.89               |
| 6.12            | 560.0                     | 6.59               | 554.6                     | 14.90               |
| 6.40            | 600.0                     | 6.87               | 594.3                     | 15.89               |
| 4.67            | 560.0                     | 5.14               | 556.0                     | 14.93               |
| 6.58            | 640.0                     | 7.04               | 634.1                     | 16.88               |
| 6.83            | 680.0                     | 7.28               | 673.9                     | 17.85               |
| 7.09            | 720.0                     | 7.53               | 713.6                     | 18.82               |
| 7.32            | 760.0                     | 7.75               | 753.4                     | 19.79               |
| 7.45            | 800.0                     | 7.88               | 793.3                     | 20.74               |
| 7.73            | 840.0                     | 8.15               | 833.0                     | 21.69               |
| 7.91            | 880.0                     | 8.33               | 872.8                     | 22.63               |
| 8.10            | 920.0                     | 8.52               | 912.6                     | 23.56               |
| 8.29            | 960.0                     | 8.70               | 952.4                     | 24.49               |
| 8.49            | 1000.0                    | 8.90               | 992.2                     | 25.41               |
| 8.62            | 1040.0                    | 9.03               | 1032.1                    | 26.32               |
| 8.78            | 1080.0                    | 9.18               | 1072.0                    | 27.23               |
| 8.94            | 1120.0                    | 9.33               | 1111.8                    | 28.13               |
| 9.02            | 1160.0                    | 9.41               | 1151.7                    | 29.03               |
| 9.21            | 1200.0                    | 9.59               | 1191.5                    | 29.91               |
| 9.32            | 1240.0                    | 9.70               | 1231.4                    | 30.80               |
| 9.45            | 1280.0                    | 9.82               | 1271.3                    | 31.67               |
| 9.54            | 1320.0                    | 9.91               | 1311.2                    | 32.55               |
| 9.66            | 1360.0                    | 10.02              | 1351.1                    | 33.41               |
| 9.77            | 1400.0                    | 10.13              | 1391.0                    | 34.27               |
| 9.87            | 1440.0                    | 10.22              | 1430.9                    | 35.13               |
| 10.10           | 1480.0                    | 10.43              | 1470.6                    | 35.97               |
| 10.05           | 1520.0                    | 10.38              | 1510.7                    | 36.82               |
| 10.11           | 1560.0                    | 10.43              | 1550.6                    | 37.66               |
| 10.20           | 1600.0                    | 10.52              | 1590.5                    | 38.49               |

### General Notes

Rotary bit, 2 15/16 inch diameter



### Test Results

|                                      |          |
|--------------------------------------|----------|
| Pressuremeter modulus $E_o$ :        | 46 tsf   |
| Pressuremeter reload modulus $E_R$ : | 158 tsf  |
| Limit pressure $P_L$ :               | 11.2 tsf |
| Yield pressure $P_f$ :               | 5.3 tsf  |
| Initial pressure $P_o$ :             | n.a.     |
| Ratio $E_o / P_L$ :                  | 4        |
| Ratio $P_L / P_f$ :                  | 2.12     |
| Ratio $E_o / E_R$ :                  | 0.29     |

Modified from: TEXAM COMPANION V.2  
ROCTEST/TELEMAC





## TEXAM Pressuremeter Test

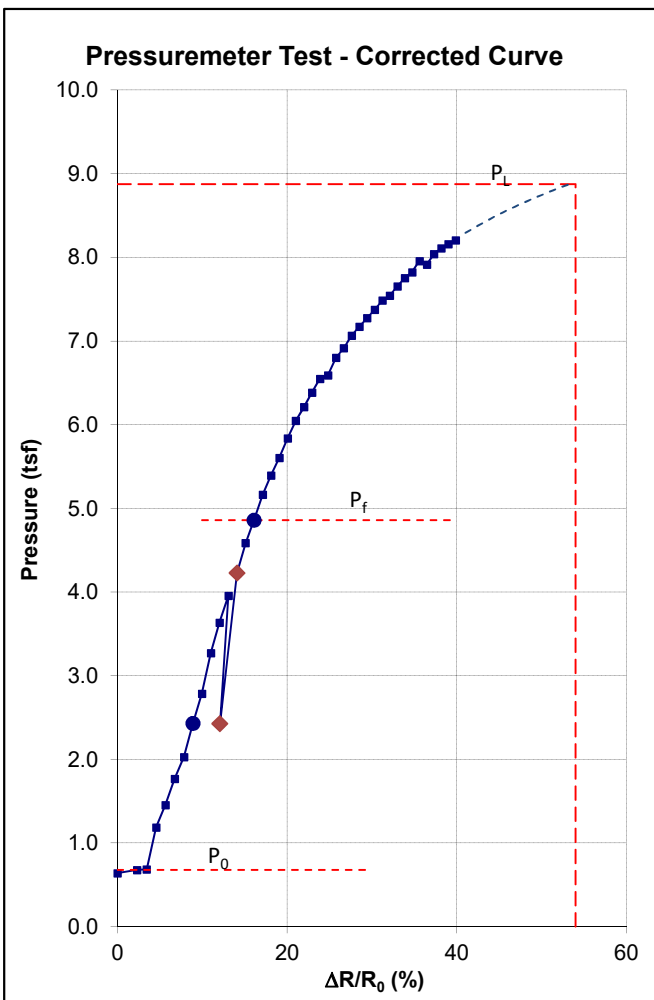
Project number: 847-03-01  
 Project name: Glen Ellyn Civic Center Prking Garage  
 Borehole ID: B-03  
 Test date: 02/14/2019  
 Test number: PMT#1  
 Probe size: N

Client: Rubino  
 Use of a slotted casing: No  
 Test depth: 13.50 feet  
 Manometer height above ground: 2.00 feet  
 Poisson's coefficient: 0.40  
 Fluid density: 1.000

| Raw Readings    |                           | Corrected Readings |                           |                     |
|-----------------|---------------------------|--------------------|---------------------------|---------------------|
| Pressure<br>tsf | Volume<br>cm <sup>3</sup> | Pressure<br>tsf    | Volume<br>cm <sup>3</sup> | $\Delta R/R_0$<br>% |
| 0.16            | 0.0                       | 0.64               | 0.0                       | 0.00                |
| 0.26            | 80.0                      | 0.68               | 79.9                      | 2.32                |
| 0.30            | 120.0                     | 0.69               | 119.8                     | 3.46                |
| 0.84            | 160.0                     | 1.19               | 159.0                     | 4.57                |
| 1.14            | 200.0                     | 1.45               | 198.6                     | 5.67                |
| 1.47            | 240.0                     | 1.77               | 238.1                     | 6.76                |
| 1.75            | 280.0                     | 2.03               | 277.7                     | 7.85                |
| 2.17            | 320.0                     | 2.43               | 317.1                     | 8.91                |
| 2.55            | 360.0                     | 2.79               | 356.6                     | 9.97                |
| 3.05            | 400.0                     | 3.27               | 395.9                     | 11.02               |
| 3.42            | 440.0                     | 3.63               | 435.3                     | 12.06               |
| 3.76            | 480.0                     | 3.96               | 474.9                     | 13.09               |
| 2.21            | 440.0                     | 2.42               | 437.1                     | 12.10               |
| 4.04            | 520.0                     | 4.23               | 514.5                     | 14.11               |
| 4.41            | 560.0                     | 4.58               | 553.9                     | 15.12               |
| 4.69            | 600.0                     | 4.86               | 593.5                     | 16.13               |
| 5.00            | 640.0                     | 5.16               | 633.1                     | 17.12               |
| 5.24            | 680.0                     | 5.39               | 672.8                     | 18.11               |
| 5.46            | 720.0                     | 5.61               | 712.4                     | 19.09               |
| 5.70            | 760.0                     | 5.84               | 752.1                     | 20.07               |
| 5.92            | 800.0                     | 6.05               | 791.8                     | 21.03               |
| 6.09            | 840.0                     | 6.21               | 831.6                     | 22.00               |
| 6.26            | 880.0                     | 6.38               | 871.3                     | 22.95               |
| 6.43            | 920.0                     | 6.55               | 911.1                     | 23.89               |
| 6.47            | 960.0                     | 6.59               | 951.0                     | 24.84               |
| 6.68            | 1000.0                    | 6.80               | 990.7                     | 25.77               |
| 6.81            | 1040.0                    | 6.92               | 1030.5                    | 26.69               |
| 6.96            | 1080.0                    | 7.07               | 1070.3                    | 27.61               |
| 7.08            | 1120.0                    | 7.17               | 1110.1                    | 28.53               |
| 7.18            | 1160.0                    | 7.27               | 1150.0                    | 29.43               |
| 7.29            | 1200.0                    | 7.37               | 1189.8                    | 30.33               |
| 7.40            | 1240.0                    | 7.48               | 1229.7                    | 31.23               |
| 7.46            | 1280.0                    | 7.54               | 1269.6                    | 32.12               |
| 7.58            | 1320.0                    | 7.65               | 1309.4                    | 33.00               |
| 7.68            | 1360.0                    | 7.75               | 1349.3                    | 33.88               |
| 7.76            | 1400.0                    | 7.82               | 1389.2                    | 34.75               |
| 7.90            | 1440.0                    | 7.96               | 1429.0                    | 35.61               |
| 7.87            | 1480.0                    | 7.91               | 1469.0                    | 36.48               |
| 8.01            | 1520.0                    | 8.04               | 1508.8                    | 37.33               |
| 8.08            | 1560.0                    | 8.11               | 1548.7                    | 38.18               |
| 8.13            | 1600.0                    | 8.16               | 1588.6                    | 39.03               |
| 8.18            | 1640.0                    | 8.21               | 1628.6                    | 39.87               |

### General Notes

Rotary bit, 2 15/16 inch diameter



### Test Results

|                                      |         |
|--------------------------------------|---------|
| Pressuremeter modulus $E_o$ :        | 53 tsf  |
| Pressuremeter reload modulus $E_R$ : | 142 tsf |
| Limit pressure $P_L$ :               | 8.9 tsf |
| Yield pressure $P_f$ :               | 4.9 tsf |
| Initial pressure $P_o$ :             | 0.7 tsf |
| Ratio $E_o / P_L$ :                  | 6       |
| Ratio $P_L / P_f$ :                  | 1.83    |
| Ratio $E_o / E_R$ :                  | 0.37    |

Modified from: TEXAM COMPANION V.2  
ROCTEST/TELEMAC



## TEXAM Pressuremeter Test

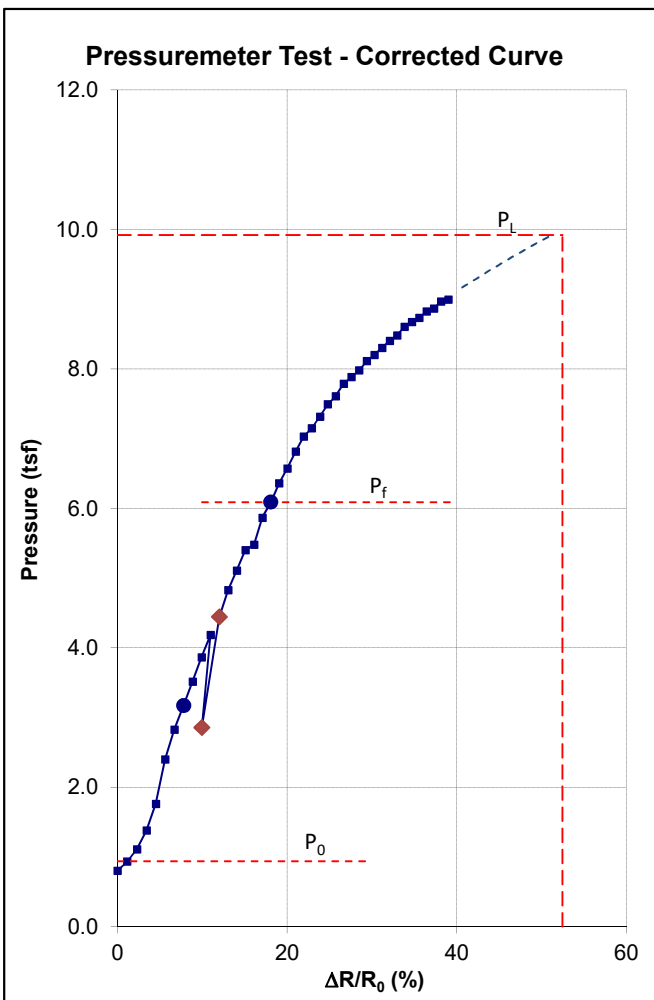
Project number: 847-03-01  
 Project name: Glen Ellyn Civic Center Prking Garage  
 Borehole ID: B-03  
 Test date: 02/14/2019  
 Test number: PMT#2  
 Probe size: N

Client: Rubino  
 Use of a slotted casing: No  
 Test depth: 18.00 feet  
 Manometer height above ground: 2.00 feet  
 Poisson's coefficient: 0.40  
 Fluid density: 1.000

| Raw Readings    |                           | Corrected Readings |                           |                     |
|-----------------|---------------------------|--------------------|---------------------------|---------------------|
| Pressure<br>tsf | Volume<br>cm <sup>3</sup> | Pressure<br>tsf    | Volume<br>cm <sup>3</sup> | $\Delta R/R_0$<br>% |
| 0.18            | 0.0                       | 0.80               | 0.0                       | 0.00                |
| 0.34            | 40.0                      | 0.94               | 39.8                      | 1.16                |
| 0.55            | 80.0                      | 1.11               | 79.5                      | 2.31                |
| 0.86            | 120.0                     | 1.38               | 119.0                     | 3.44                |
| 1.27            | 160.0                     | 1.76               | 158.4                     | 4.55                |
| 1.94            | 200.0                     | 2.40               | 197.5                     | 5.64                |
| 2.39            | 240.0                     | 2.83               | 236.8                     | 6.73                |
| 2.76            | 280.0                     | 3.17               | 276.3                     | 7.81                |
| 3.12            | 320.0                     | 3.52               | 315.8                     | 8.88                |
| 3.49            | 360.0                     | 3.87               | 355.3                     | 9.94                |
| 3.82            | 400.0                     | 4.18               | 394.8                     | 10.99               |
| 2.47            | 360.0                     | 2.85               | 356.7                     | 9.98                |
| 4.09            | 440.0                     | 4.44               | 434.4                     | 12.03               |
| 4.49            | 480.0                     | 4.83               | 473.9                     | 13.06               |
| 4.78            | 520.0                     | 5.11               | 513.4                     | 14.08               |
| 5.08            | 560.0                     | 5.40               | 553.0                     | 15.10               |
| 5.17            | 600.0                     | 5.48               | 592.9                     | 16.11               |
| 5.56            | 640.0                     | 5.87               | 632.3                     | 17.10               |
| 5.79            | 680.0                     | 6.09               | 672.0                     | 18.09               |
| 6.08            | 720.0                     | 6.36               | 711.6                     | 19.07               |
| 6.30            | 760.0                     | 6.57               | 751.3                     | 20.05               |
| 6.55            | 800.0                     | 6.82               | 790.9                     | 21.01               |
| 6.77            | 840.0                     | 7.03               | 830.6                     | 21.97               |
| 6.89            | 880.0                     | 7.15               | 870.4                     | 22.93               |
| 7.06            | 920.0                     | 7.32               | 910.2                     | 23.87               |
| 7.23            | 960.0                     | 7.49               | 949.9                     | 24.81               |
| 7.35            | 1000.0                    | 7.61               | 989.8                     | 25.75               |
| 7.54            | 1040.0                    | 7.79               | 1029.5                    | 26.67               |
| 7.64            | 1080.0                    | 7.88               | 1069.4                    | 27.59               |
| 7.75            | 1120.0                    | 7.98               | 1109.2                    | 28.50               |
| 7.88            | 1160.0                    | 8.11               | 1149.0                    | 29.41               |
| 7.98            | 1200.0                    | 8.20               | 1188.9                    | 30.31               |
| 8.08            | 1240.0                    | 8.30               | 1228.7                    | 31.21               |
| 8.18            | 1280.0                    | 8.40               | 1268.6                    | 32.10               |
| 8.27            | 1320.0                    | 8.48               | 1308.5                    | 32.98               |
| 8.39            | 1360.0                    | 8.60               | 1348.3                    | 33.86               |
| 8.47            | 1400.0                    | 8.67               | 1388.2                    | 34.73               |
| 8.54            | 1440.0                    | 8.73               | 1428.1                    | 35.59               |
| 8.64            | 1480.0                    | 8.83               | 1467.9                    | 36.45               |
| 8.70            | 1520.0                    | 8.87               | 1507.9                    | 37.31               |
| 8.80            | 1560.0                    | 8.97               | 1547.7                    | 38.16               |
| 8.83            | 1600.0                    | 9.00               | 1587.7                    | 39.01               |

### General Notes

Rotary bit, 2 15/16 inch diameter



### Test Results

Pressuremeter modulus  $E_o$ : 45 tsf  
 Pressuremeter reload modulus  $E_R$ : 120 tsf  
  
 Limit pressure  $P_L$ : 9.9 tsf  
 Yield pressure  $P_f$ : 6.1 tsf  
 Initial pressure  $P_o$ : 0.9 tsf  
  
 Ratio  $E_o / P_L$ : 5  
 Ratio  $P_L / P_f$ : 1.63  
 Ratio  $E_o / E_R$ : 0.37

Modified from: TEXAM COMPANION V.2  
ROCTEST/TELEMAC



## TEXAM Pressuremeter Test

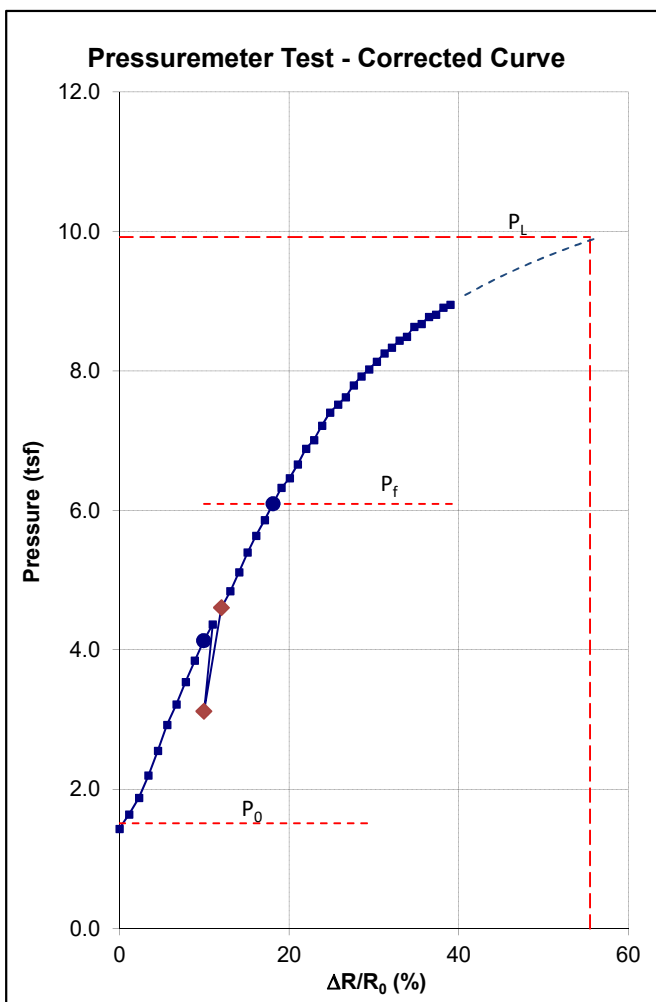
Project number: 847-03-01  
 Project name: Glen Ellyn Civic Center Prking Garage  
 Borehole ID: B-03  
 Test date: 02/14/2019  
 Test number: PMT#3  
 Probe size: N

Client: Rubino  
 Use of a slotted casing: No  
 Test depth: 33.50 feet  
 Manometer height above ground: 2.00 feet  
 Poisson's coefficient: 0.40  
 Fluid density: 1.000

| Raw Readings    |                           | Corrected Readings |                           |                     |
|-----------------|---------------------------|--------------------|---------------------------|---------------------|
| Pressure<br>tsf | Volume<br>cm <sup>3</sup> | Pressure<br>tsf    | Volume<br>cm <sup>3</sup> | $\Delta R/R_0$<br>% |
| 0.32            | 0.0                       | 1.43               | 0.0                       | 0.00                |
| 0.56            | 40.0                      | 1.64               | 39.7                      | 1.16                |
| 0.84            | 80.0                      | 1.88               | 79.3                      | 2.30                |
| 1.19            | 120.0                     | 2.20               | 118.8                     | 3.43                |
| 1.58            | 160.0                     | 2.55               | 158.2                     | 4.54                |
| 1.98            | 200.0                     | 2.92               | 197.6                     | 5.64                |
| 2.30            | 240.0                     | 3.22               | 237.2                     | 6.74                |
| 2.64            | 280.0                     | 3.54               | 276.7                     | 7.82                |
| 2.96            | 320.0                     | 3.85               | 316.2                     | 8.89                |
| 3.27            | 360.0                     | 4.13               | 355.8                     | 9.95                |
| 3.52            | 400.0                     | 4.37               | 395.4                     | 11.00               |
| 2.26            | 360.0                     | 3.12               | 357.2                     | 9.99                |
| 3.77            | 440.0                     | 4.60               | 435.1                     | 12.05               |
| 4.02            | 480.0                     | 4.84               | 474.7                     | 13.08               |
| 4.30            | 520.0                     | 5.11               | 514.3                     | 14.11               |
| 4.59            | 560.0                     | 5.40               | 553.9                     | 15.12               |
| 4.84            | 600.0                     | 5.64               | 593.6                     | 16.13               |
| 5.07            | 640.0                     | 5.86               | 633.2                     | 17.13               |
| 5.31            | 680.0                     | 6.09               | 672.9                     | 18.12               |
| 5.55            | 720.0                     | 6.32               | 712.5                     | 19.10               |
| 5.70            | 760.0                     | 6.46               | 752.3                     | 20.07               |
| 5.91            | 800.0                     | 6.66               | 792.0                     | 21.04               |
| 6.14            | 840.0                     | 6.89               | 831.7                     | 22.00               |
| 6.26            | 880.0                     | 7.01               | 871.5                     | 22.95               |
| 6.47            | 920.0                     | 7.22               | 911.2                     | 23.90               |
| 6.66            | 960.0                     | 7.40               | 951.0                     | 24.84               |
| 6.78            | 1000.0                    | 7.52               | 990.8                     | 25.77               |
| 6.89            | 1040.0                    | 7.62               | 1030.6                    | 26.70               |
| 7.07            | 1080.0                    | 7.79               | 1070.4                    | 27.61               |
| 7.20            | 1120.0                    | 7.92               | 1110.2                    | 28.53               |
| 7.31            | 1160.0                    | 8.02               | 1150.0                    | 29.43               |
| 7.42            | 1200.0                    | 8.13               | 1189.9                    | 30.33               |
| 7.55            | 1240.0                    | 8.25               | 1229.7                    | 31.23               |
| 7.63            | 1280.0                    | 8.33               | 1269.6                    | 32.12               |
| 7.74            | 1320.0                    | 8.43               | 1309.4                    | 33.00               |
| 7.80            | 1360.0                    | 8.49               | 1349.4                    | 33.88               |
| 7.94            | 1400.0                    | 8.64               | 1389.1                    | 34.75               |
| 8.00            | 1440.0                    | 8.67               | 1429.1                    | 35.62               |
| 8.11            | 1480.0                    | 8.78               | 1468.9                    | 36.47               |
| 8.15            | 1520.0                    | 8.81               | 1508.8                    | 37.33               |
| 8.26            | 1560.0                    | 8.91               | 1548.7                    | 38.18               |
| 8.30            | 1600.0                    | 8.95               | 1588.6                    | 39.03               |

### General Notes

Rotary bit, 2 15/16 inch diameter



### Test Results

|                                      |         |
|--------------------------------------|---------|
| Pressuremeter modulus $E_o$ :        | 38 tsf  |
| Pressuremeter reload modulus $E_R$ : | 112 tsf |
| Limit pressure $P_L$ :               | 9.9 tsf |
| Yield pressure $P_f$ :               | 6.1 tsf |
| Initial pressure $P_o$ :             | 1.5 tsf |
| Ratio $E_o / P_L$ :                  | 4       |
| Ratio $P_L / P_f$ :                  | 1.63    |
| Ratio $E_o / E_R$ :                  | 0.34    |

Modified from: TEXAM COMPANION V.2  
ROCTEST/TELEMAC



PSI Project No.: 00522324-1

March 4, 2019

Professional Service Industries, Inc.  
480 North Street, Springfield, IL 62704  
Phone: (217)544-6663  
Fax: (217) 544-6148

Rubino Engineering, Inc.  
665 Tollgate Road, Unit H  
Elgin, IL 60123

Attn: Ms. Michelle Lipinski, P.E.  
[michelle.lipinski@rubinoeng.com](mailto:michelle.lipinski@rubinoeng.com)

Re: Refraction Microtremor (ReMi) Testing Report  
Proposed Glen Ellyn Parking Garage  
535 Duane Street  
Glen Ellyn, Illinois  
**PSI Report No.: 00262324-1**

Dear Ms. Lipinski:

Per your request, Professional Service Industries, Inc. (PSI) has prepared this report to provide Seismic Site Classification for the design of the proposed parking structure at 535 Duane Street in Glen Ellyn, Illinois. The following table summarizes, in chronological order, the project authorization history for the services performed and represented in this report by Professional Service Industries, Inc. (PSI).

| DOCUMENT                     | DATE      | REQUESTED/PROVIDED BY                                     |
|------------------------------|-----------|-----------------------------------------------------------|
| PSI Proposal No.: 0052265971 | 1-14-2019 | Professional Service Industries, Inc.                     |
| Signed Proposal              | 1-16-2019 | Ms. Michelle Lipinski, P.E. with Rubino Engineering, Inc. |

The project site is located within a municipality that employs the International Building Code, 2009 edition. The 2009 International Building Code requires a Site Class for the calculation of the earthquake design forces in general accordance with Table 1613.5.2. As part of this code, the design of structures must consider dynamic forces resulting from seismic events. These forces are dependent upon the magnitude of the earthquake event as well as the properties of the soils that underlie the site. As part of the procedure to evaluate seismic forces, the code requires the evaluation of the Seismic Site Class, which categorizes the site based upon the characteristics of the material profile within the upper 100 feet of the subgrade.

On March 25, 2019, PSI visited the site to perform Refraction Microtremor (ReMi) tests to establish shear wave velocity profiles and weighted shear wave velocity average for the upper 100 feet of the subsurface. The refraction microtremor (ReMi) method, as described in Louie, 2001 (Louie, J. N., 2001, Faster, better, Shear-wave velocity to 100 meters depth from refraction microtremor arrays: Bulletin of the Seismological Society of America, v. 91, p. 347-364), uses standard P-wave recording equipment with no specific energy source (as required with other techniques). With ReMi, records of ambient background noise are used to produce average one-dimensional shear-wave profiles to depths about 100 feet. The depth of sampling is a function of the array length, source distances and frequencies, and the velocities of subsurface materials.

A wavefield transformation data processing technique, and an interactive Rayleigh-wave dispersion modeling tool exploit the most effective aspects of the microtremor, spectral analysis of surface waves.



PSI REPORT No. 00522324-1  
 ReMi TEST REPORT - GLEN ELLYN PARKING GARAGE  
 MARCH 4, 2019  
 PAGE 2 OF 2

The slowness-frequency wavefield transformation is particularly effective in allowing accurate picking of Rayleigh-wave phase-velocity dispersion curves despite the presence of waves propagating across the linear array at high apparent velocities, higher-mode Rayleigh waves, body waves, air waves, and incoherent noise. It has been very effective for determining 30-m average shear wave-velocity ( $V_{30}$ ) and thus the NEHRP (National Earthquake Hazard Reduction Program) soil classification. In addition, it has also been used for liquefaction analysis, soil profile determination, mapping the subsurface and estimating the strength of subsurface materials.

For the ReMi measurements, one array of 24 equally spaced geophones was employed through the proposed parking structure and around the existing building, as shown on the Location Plan. The Array employed a center-to-center spacing of 13 feet between geophones, and data was recorded in 20-second sample intervals with a 2-millisecond sampling rate per channel. Nearby automobile traffic provided the ambient noise utilized for the data collection.

The depth of sampling is a function of the array length as well as the subsurface velocities. The ReMi approach uses array lengths long enough to penetrate the site to depths well beyond the 100-foot depth prescribed in the International Building Code (IBC). A total of 11 data samples were recorded. To produce a robust profile, both individual recordings and multiple summed recordings were evaluated. The weighted average shear wave velocity and anticipated Site Class were evaluated based on the weighted average shear wave velocity at individual array locations are described in the following table:

| Location                   | Array | Weighted Average Shear Wave Velocity ( $V_{s100'}$ - ft/s) | Recommended Site Class                                      |
|----------------------------|-------|------------------------------------------------------------|-------------------------------------------------------------|
| See Attached Location Plan | 1     | 1,527                                                      | Site Class "C"<br>( $V_s > 1,200$ ft/s & $\leq 2,500$ ft/s) |

Based upon the results of PSI's ReMi evaluation, the estimated weighted average shear wave velocity of the upper 100 feet as required by IBC 2009 was 1,527 feet per second, which is consistent with the characteristics of Site Class "C" as defined in Table 1613.5.2.

This report has been prepared for the exclusive use of Rubino Engineering, Inc. for evaluation of the Seismic Site Class per IBC 2012/ASCE-7-10 at the site along S. 6th Street in Springfield, Illinois.

Respectfully submitted,  
**PROFESSIONAL SERVICE INDUSTRIES, INC.**

Eram Iqbal  
 Geotechnical Department Manager

Attachments: ReMi Line Location  
 Shear Wave Velocity ( $V_s$ ) Model from ReMi Testing  
 ReMi Calculated vs Picked Dispersion Curve



## REMI LINE LOCATION MAP

SOURCE:

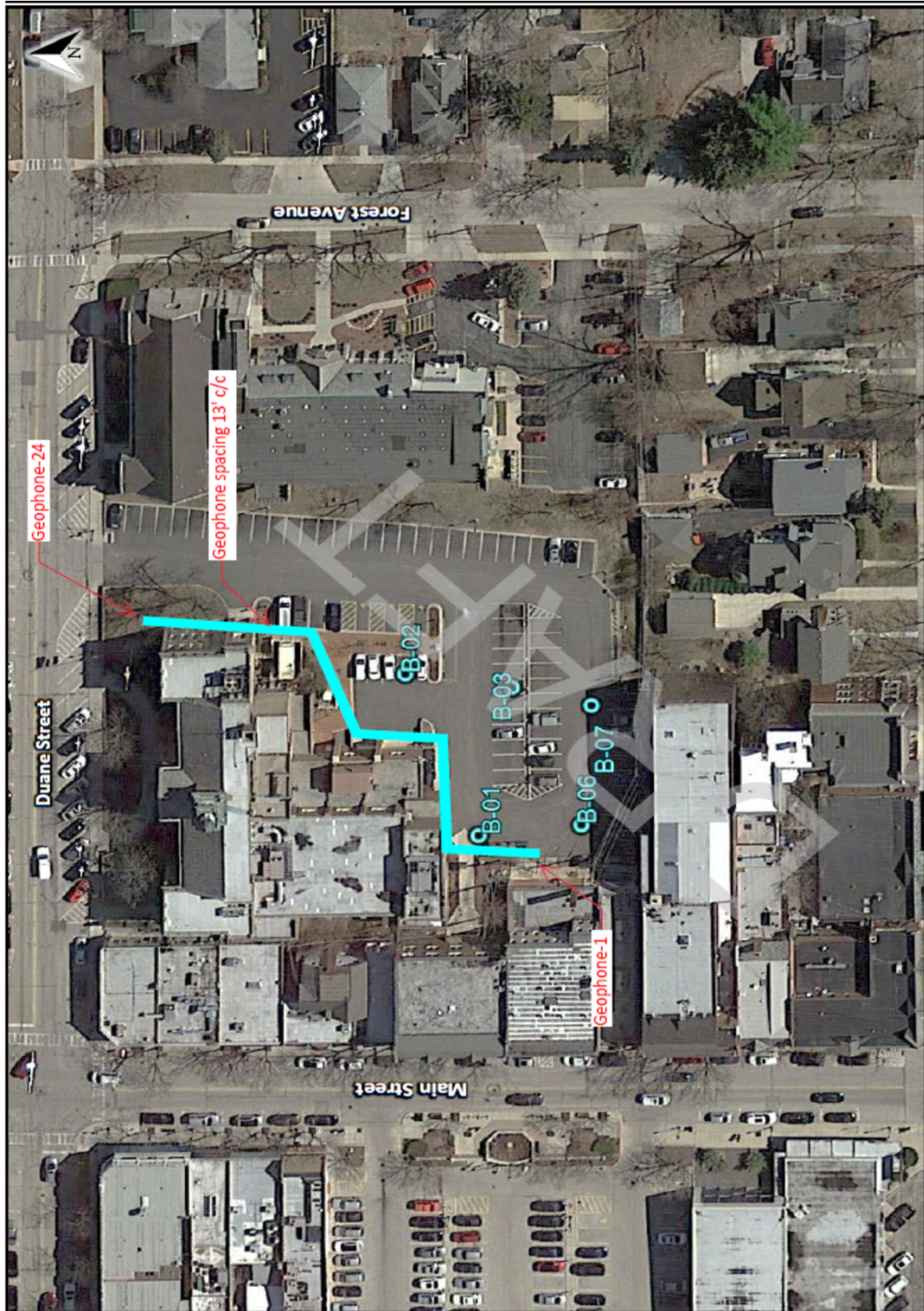
Rubino Engineering, Inc.

DATE:

NA

SCALE:

No Scale

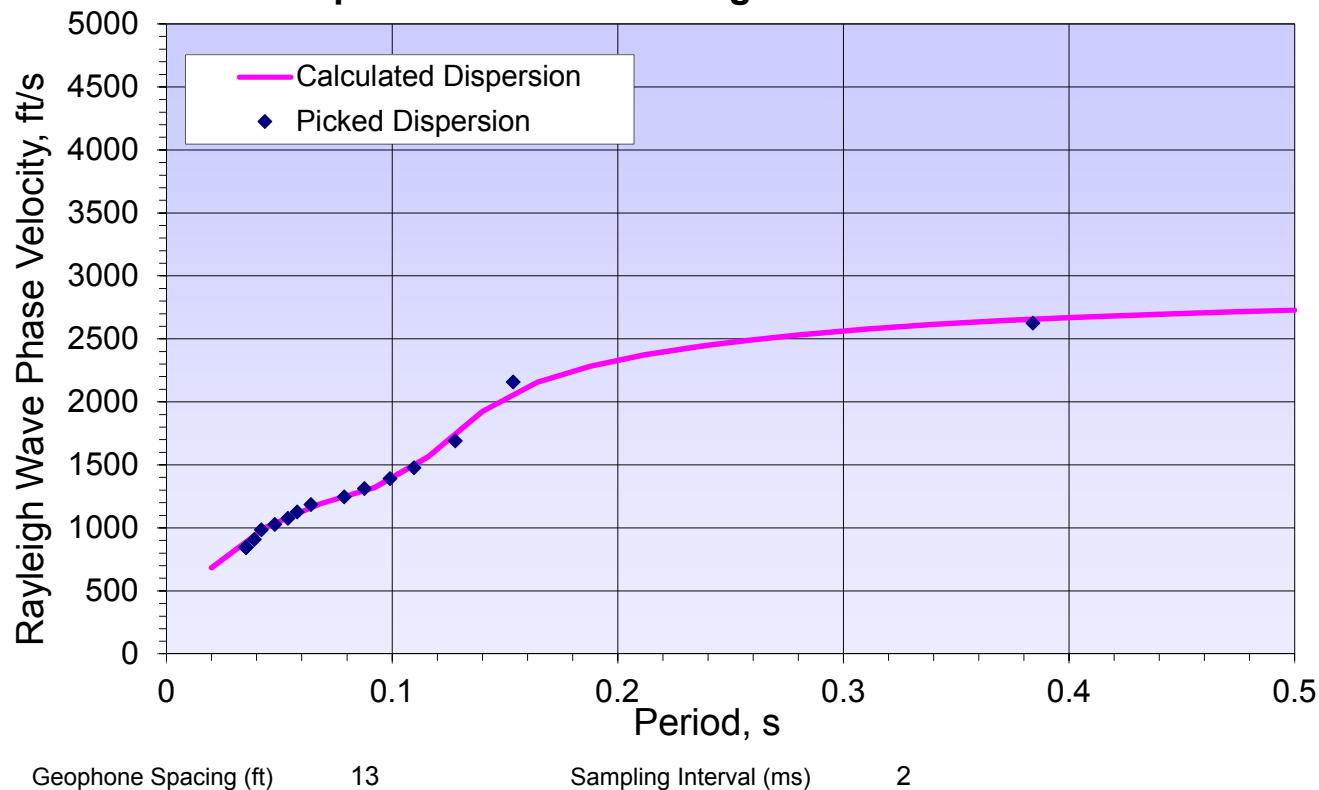


480 North Street, Springfield, Illinois 62704  
phone 217/544-6663 fax 217/544-6148

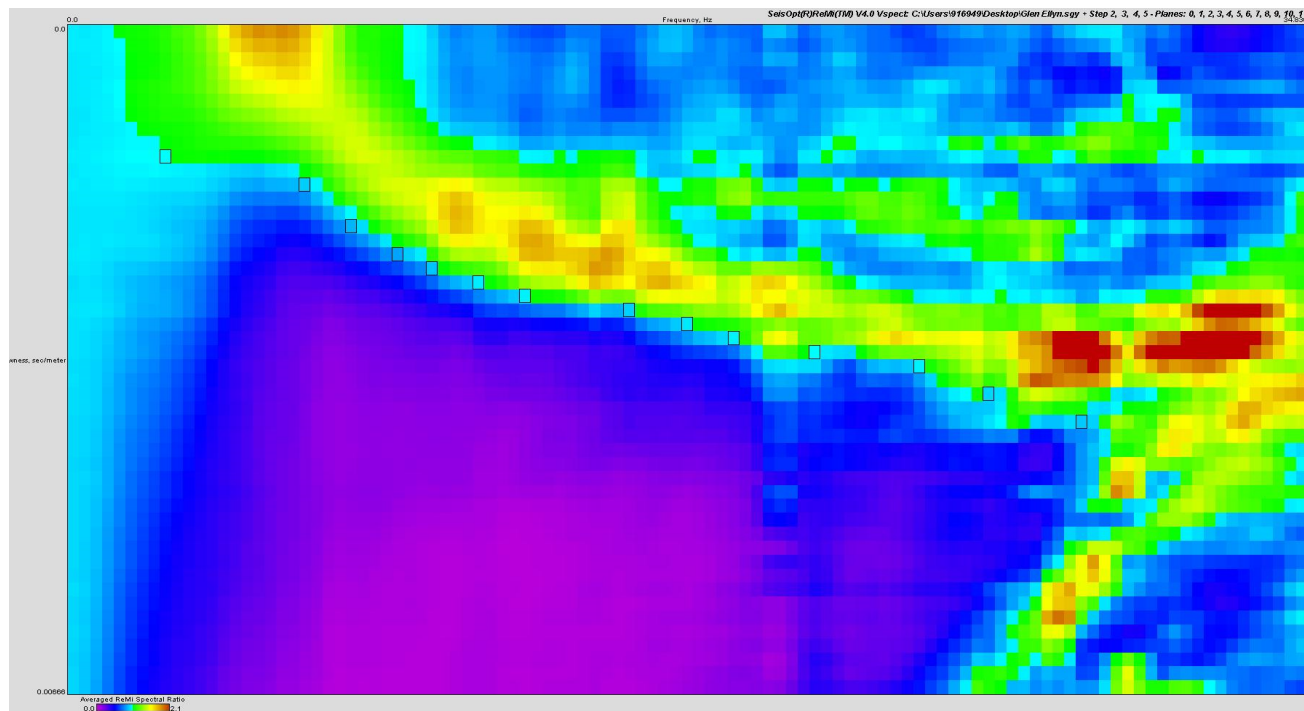
## REMI LINE LOCATION MAP

PSI PROJECT No.: 00522324-1  
Project: Glen Ellyn Parking Garage  
Location: 535 Duane Street  
Glen Ellyn, Illinois

### Dispersion Curve Showing Picks and Fit



### p-f Image with Dispersion Modeling Picks



intertek  
psi

|                |                                          |
|----------------|------------------------------------------|
| Line Number    | Array 1 (Geophones 1-24)                 |
| Project Number | 00522324                                 |
| Project Name   | Glen Ellyn Parking Garage                |
| Location       | 535 Duane Street<br>Glen Ellyn, Illinois |

Shear Wave Velocity Profile Vs. Depth



|                                                                                       |                                                             |       |                |                                          |
|---------------------------------------------------------------------------------------|-------------------------------------------------------------|-------|----------------|------------------------------------------|
|  | IBC Site Class                                              | C     | Line Number    | Array 1 (Geophones 1-24)                 |
|                                                                                       | Average Shearwave Velocity<br>within 100 feet, $V_s$ (ft/s) | 1,527 | Project Number | 00522324                                 |
|                                                                                       |                                                             |       | Project Name   | Glen Ellyn Parking Garage                |
|                                                                                       |                                                             |       | Location       | 535 Duane Street<br>Glen Ellyn, Illinois |



# Illinois Environmental Protection Agency

Bureau of Land • 1021 North Grand Avenue East • P.O. Box 19276 • Springfield • Illinois • 62794-9276

## Uncontaminated Soil Certification by Licensed Professional Engineer or Licensed Professional Geologist for Use of Uncontaminated Soil as Fill in a CCDD or Uncontaminated Soil Fill Operation LPC-663

Revised in accordance with 35 Ill. Adm. Code 1100, as  
amended by PCB R2012-009 (eff. Aug. 27, 2012)

This certification form is to be used by professional engineers and professional geologists to certify, pursuant to 35 Ill. Adm. Code 1100.205(a)(1)(B), that soil (i) is uncontaminated soil and (ii) is within a pH range of 6.26 to 9.0. If you have questions about this form, please telephone the Bureau of Land Permit Section at 217/524-3300.

This form may be completed online, saved locally, printed and signed, and submitted to prospective clean construction or demolition debris (CCDD) fill operations or uncontaminated soil fill operations.

### I. Source Location Information

(Describe the location of the source of the uncontaminated soil)

Project Name: Glen Ellyn Civic Center Parking Structure Office Phone Number, if available: \_\_\_\_\_

Physical Site Location (address, including number and street):

535 Duane Street

City: Glen Ellyn State: IL Zip Code: 60137

County: DuPage Township: \_\_\_\_\_

Lat/Long of approximate center of site in decimal degrees (DD.ddddd) to five decimal places (e.g., 40.67890, -90.12345):

Latitude: 41.874761° Longitude: -88.065814°  
(Decimal Degrees) (-Decimal Degrees)

Identify how the lat/long data were determined:

☐ GPS ☒ Map Interpolation ☐ Photo Interpolation ☐ Survey ☐ Other

IEPA Site Number(s), if assigned: BOL: \_\_\_\_\_ BOW: \_\_\_\_\_ BOA: \_\_\_\_\_

### II. Owner/Operator Information for Source Site

#### Site Owner

Name: Village of Glen Ellyn

Street Address: 535 Duane Street

PO Box: \_\_\_\_\_

City: Glen Ellyn State: IL

Zip Code: 60137 Phone: 630-469-5000

Contact: \_\_\_\_\_

Email, if available: \_\_\_\_\_

#### Site Operator

Name: Mortenson Company

Street Address: 300 Park Boulevard, Suite 100

PO Box: \_\_\_\_\_

City: Itasca State: IL

Zip Code: 60143 Phone: \_\_\_\_\_

Contact: Candace Small

Email, if available: candace.small@mortenson.com

This Agency is authorized to require this information under Section 4 and Title X of the Environmental Protection Act (415 ILCS 5/4, 5/39). Failure to disclose this information may result in: a civil penalty of not to exceed \$50,000 for the violation and an additional civil penalty of not to exceed \$10,000 for each day during which the violation continues (415 ILCS 5/42). This form has been approved by the Forms Management Center.



Project Name: Glen Ellyn Civic Center Parking StructureLatitude: 41.874761° Longitude: -88.065814°Uncontaminated Site Certification**III. Basis for Certification and Attachments**

For each item listed below, reference the attachments to this form that provide the required information.

- a. A Description of the soil sample points and how they were determined to be sufficient in number and appropriately located 35 Ill. Adm. Code 1100.610(a)]:

Refer to Summary Letter Attached

- b. Analytical soil testing results to show that soil chemical constituents comply with the maximum allowable concentrations established pursuant to 35 Ill. Adm. Code Part 1100, Subpart F and that the soil pH is within the range of 6.25 to 9.0, including the documentation of chain of custody control, a copy of the lab analysis; the accreditation status of the laboratory performing the analysis; and certification by an authorized agent of the laboratory that the analysis has been performed in accordance with the Agency's rules for the accreditation of environmental and the scope of the accreditation [35 Ill. Adm. Code 1100.201(g), 1100.205(a), 1100.610]:

Refer to Appendices

**IV. Certification Statement, Signature and Seal of Licensed Professional Engineer or Licensed Professional Geologist**

I, Michelle A. Lipinski, P.E. (name of licensed professional engineer or geologist) certify under penalty of law that the information submitted, including but not limited to, all attachments and other information, is to the best of my knowledge and belief, true, accurate and complete. In accordance with the Environmental Protection Act [415 ILCS 5/22.51 or 22.51a] and 35 Ill. Adm. Code 1100.205(a), I certify that the soil from this site is uncontaminated soil. I also certify that the soil pH is within the range of 6.25 to 9.0. In addition, I certify that the soil has not been removed from the site as part of a cleanup or removal of contaminants. All necessary documentation is attached.

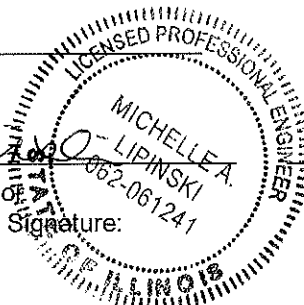
**Any person who knowingly makes a false, fictitious, or fraudulent material statement, orally or in writing, to the Illinois EPA commits a Class 4 felony. A second or subsequent offense after conviction is a Class 3 felony. (415 ILCS 5/44(h))**

Company Name: Rubino Engineering, Inc.Street Address: 425 Shepard DriveCity: Elgin State: IL Zip Code: 60123Phone: 847-931-1555

Michelle A. Lipinski

Printed Name:

Michelle A. Lipinski 3/11/19  
 Licensed Professional Engineer of  
 Licensed Professional Geologist Signature: \_\_\_\_\_ Date: \_\_\_\_\_



P.E. or L.P.G. Seal:





March 11, 2019

## ENVIRONMENTAL SUMMARY REPORT

To: **Candace Small,  
AIA, Design Phase Manager**



300 Park Boulevard, Suite 100  
Itasca, Illinois 60143

Re: **CCDD Testing Summary Report**  
Proposed Glen Ellyn Civic Center  
Parking Garage  
535 Duane Street  
Glen Ellyn, Illinois 60137

Rubino Report No. G19.004

Via email: [candace.small@mortenson.com](mailto:candace.small@mortenson.com)

Dear Ms. Small,

Rubino Engineering, Inc. (Rubino) is pleased to submit the following report to provide a summary of the CCDD testing for the above referenced project.

This report contains the following:

- *Summary of Environmental Database Review*
- *Summary of field and laboratory tests performed*
- *Summary of laboratory test results*
- *Illinois Environmental Protection Agencies LPC 663 Certificate*

## ENVIRONMENTAL DATABASE REVIEW

The project site is located at 535 Duane Street in Glen Ellyn, Illinois. A map of the project location can be found in **Appendix A.1**. Prior to a site investigation, an Environmental Database Review (EDR) was conducted and the report is included as **Appendix A.4**. After reviewing the EDR report, Rubino Engineering, Inc. found multiple records in close proximity to the project site.

Based on the fact the records were located in close proximity to the project site, the determination was made that sampling and testing of materials from the project site was necessary to consider 663 certification.

## Certification Limits

The LPC 663 Certification Limits include the following locations in Glen Ellyn Illinois.

- Parking Lot at the Glen Ellyn Civic Center located at 535 Duane Street excluding the area around sampling location B-03 to a depth of 3 ½ feet below existing grade or at the elevation 756 ½ ft. Please see **Appendix A.1** for more detailed information.

**Proposed Glen Ellyn Civic Center Parking Structure – Glen Ellyn, Illinois**  
March 11, 2019

Page 2

## SOIL SAMPLING

On February 1, February 5, and February 6, 2019, Rubino Engineering, Inc. mobilized to conduct a site investigation of material originally generated from the project site. The sampling locations can be found in **Appendix A.1**. Thirteen (13) soil samples were collected to an approximate depth of 15 feet below existing grade. The samples were screened for fuels and volatiles with a Photoionization Detector (PID). PID readings were recorded as below background. Based on the composition of the soil and the project site dimensions, three (3) samples were submitted to PDC Laboratories, Inc. (PDC) on February 6<sup>th</sup>, 2019 and one (1) of those samples was tested for VOC's, SVOC's, RCRA Total Metals, BTEX's and pH. The remaining samples were submitted on February 6<sup>th</sup>, February 8<sup>th</sup>, February 18<sup>th</sup>, and February 26<sup>th</sup>, 2019 to delineate areas that were found to be over the maximum allowable concentrations. Seven (7) of the samples were tested for pH.

## RESULTS

**Appendix A.2** includes summary tables of the lab analysis results compared to the IEPA maximum allowable concentrations (MAC). The lab analysis found that the soil samples met the IEPA MAC except B-03-01, which had a pH of 9.1. B-04-01 was not sampled for pH due to it being large gravel fill with bricks, so B-04-02 was sampled instead. The complete lab analysis reports can be found in **Appendix A.3**.

Based on the results of the laboratory testing performed, an **IEPA LPC #663 (CCDD) Certificate was not issued** for the entire site. The soils within the exclusion zone are excluded from the IEPA 663 Certificate, and can be managed in the following ways:

- Re-use material on the same project site
- Perform proper testing and obtain completed Waste Characterization form for disposal of at a "Subtitle D" Municipal Solid Waste Landfill

**The exclusion zone for this project extends approximately 3 ½ feet below existing grade, or at elevation 756 ½ ft.**

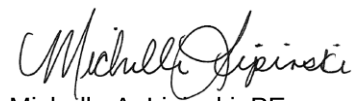
## CLOSING

Rubino appreciates the opportunity to provide geotechnical services for this project and we look forward to continued participation during the design and in future construction phases of this project.

If you have questions pertaining to this summary report, or if Rubino may be of further service, please contact our office at (847) 931-1555.

Respectfully submitted,

**RUBINO ENGINEERING, INC.**

  
Michelle A. Lipinski, PE  
President

[michelle.lipinski@rubinoeng.com](mailto:michelle.lipinski@rubinoeng.com)

MAL/file/ Enclosures

### Appendix Contents

APPENDIX A.1 – SITE MAPS  
APPENDIX A.2 – ANALYTICAL TABLES  
APPENDIX A.3 – LAB REPORTS  
APPENDIX A.4 – ERIS DATABASE REPORT

**APPENDIX A.1 – SITE MAPS**



**rubino**  
ENGINEERING INC.

425 Shepard Drive  
Elgin, Illinois 60123

Project Name:  
Project Location:

Client:  
Rubino Project # :

Glen Ellyn Civic Center Parking Structure

535 Duane Street  
Glen Ellyn, Illinois 60137

Mortenson Company  
G19.004

CCDD  
Testing  
Plan

**APPENDIX A.2 – ANALYTICAL TABLES**



## SOIL\_VOAs

|                                                                 |                                                                                   |            |            |            |            |           |           |           |           |
|-----------------------------------------------------------------|-----------------------------------------------------------------------------------|------------|------------|------------|------------|-----------|-----------|-----------|-----------|
| Rubino Engineering Inc.                                         |                                                                                   |            |            |            |            |           |           |           |           |
| Project: G19.004                                                |                                                                                   |            |            |            |            |           |           |           |           |
| Work Order: 19B0135                                             |                                                                                   |            |            |            |            |           |           |           |           |
|                                                                 |                                                                                   |            |            |            |            |           |           |           |           |
|                                                                 |  |            |            |            |            |           |           |           |           |
| Chemical Name                                                   | CCDD Limits                                                                       | 19B0135-03 | 19B0398-02 | 19B0398-03 | 19B0398-01 | 19B505-01 | 19B505-02 | 19B505-03 | 19B505-04 |
|                                                                 |                                                                                   | B-03-01    | B-01-01    | B-02-01    | B-03-02    | B-04-02   | B-05-01   | B-06-01   | B-07-01   |
|                                                                 |                                                                                   | 02/05/2019 | 02/05/2019 | 02/05/2019 | 02/05/2019 | 2/6/2019  | 2/6/2019  | 2/1/2019  | 2/1/2019  |
| VOAs                                                            |                                                                                   |            |            |            |            |           |           |           |           |
| SW8260B R2 1996 (mg/Kg dry)                                     |                                                                                   |            |            |            |            |           |           |           |           |
| Acetone                                                         | 25                                                                                | < 0.0584   | N/A        | N/A        | N/A        | N/A       | N/A       | N/A       | N/A       |
| Benzene                                                         | 0.03                                                                              | < 0.00417  | N/A        | N/A        | N/A        | N/A       | N/A       | N/A       | N/A       |
| Bromodichloromethane                                            | 0.6                                                                               | < 0.00417  | N/A        | N/A        | N/A        | N/A       | N/A       | N/A       | N/A       |
| Bromoform                                                       | 0.8                                                                               | < 0.00417  | N/A        | N/A        | N/A        | N/A       | N/A       | N/A       | N/A       |
| Bromomethane                                                    | 0.2                                                                               | < 0.00835  | N/A        | N/A        | N/A        | N/A       | N/A       | N/A       | N/A       |
| 2-Butanone                                                      | 17                                                                                | < 0.00835  | N/A        | N/A        | N/A        | N/A       | N/A       | N/A       | N/A       |
| Carbon disulfide                                                | 9                                                                                 | < 0.00835  | N/A        | N/A        | N/A        | N/A       | N/A       | N/A       | N/A       |
| Carbon tetrachloride                                            | 0.07                                                                              | < 0.00417  | N/A        | N/A        | N/A        | N/A       | N/A       | N/A       | N/A       |
| Chlorobenzene                                                   | 1                                                                                 | < 0.00417  | N/A        | N/A        | N/A        | N/A       | N/A       | N/A       | N/A       |
| Chloroethane                                                    | ~                                                                                 | < 0.00835  | N/A        | N/A        | N/A        | N/A       | N/A       | N/A       | N/A       |
| Chloroform                                                      | 0.3                                                                               | < 0.00417  | N/A        | N/A        | N/A        | N/A       | N/A       | N/A       | N/A       |
| Chloromethane                                                   | ~                                                                                 | < 0.00835  | N/A        | N/A        | N/A        | N/A       | N/A       | N/A       | N/A       |
| Dibromochloromethane                                            | 0.4                                                                               | < 0.00417  | N/A        | N/A        | N/A        | N/A       | N/A       | N/A       | N/A       |
| 1,1-Dichloroethane                                              | 23                                                                                | < 0.00417  | N/A        | N/A        | N/A        | N/A       | N/A       | N/A       | N/A       |
| 1,2-Dichloroethane                                              | 0.02                                                                              | < 0.00417  | N/A        | N/A        | N/A        | N/A       | N/A       | N/A       | N/A       |
| 1,1-Dichloroethene                                              | 0.06                                                                              | < 0.00417  | N/A        | N/A        | N/A        | N/A       | N/A       | N/A       | N/A       |
| cis-1,2-Dichloroethene                                          | 0.4                                                                               | < 0.00417  | N/A        | N/A        | N/A        | N/A       | N/A       | N/A       | N/A       |
| trans-1,2-Dichloroethene                                        | 0.7                                                                               | < 0.00417  | N/A        | N/A        | N/A        | N/A       | N/A       | N/A       | N/A       |
| 1,2-Dichloropropane                                             | 0.03                                                                              | < 0.00417  | N/A        | N/A        | N/A        | N/A       | N/A       | N/A       | N/A       |
| cis-1,3-Dichloropropene                                         | 0.005                                                                             | < 0.00250  | N/A        | N/A        | N/A        | N/A       | N/A       | N/A       | N/A       |
| trans-1,3-Dichloropropene                                       | 0.005                                                                             | < 0.00250  | N/A        | N/A        | N/A        | N/A       | N/A       | N/A       | N/A       |
| Ethylbenzene                                                    | 13                                                                                | < 0.00417  | N/A        | N/A        | N/A        | N/A       | N/A       | N/A       | N/A       |
| 2-Hexanone                                                      | ~                                                                                 | < 0.00417  | N/A        | N/A        | N/A        | N/A       | N/A       | N/A       | N/A       |
| Methyl tert-butyl ether                                         | 0.32                                                                              | < 0.00417  | N/A        | N/A        | N/A        | N/A       | N/A       | N/A       | N/A       |
| 4-Methyl-2-pentanone                                            | ~                                                                                 | < 0.00417  | N/A        | N/A        | N/A        | N/A       | N/A       | N/A       | N/A       |
| Methylene chloride                                              | 0.02                                                                              | < 0.00417  | N/A        | N/A        | N/A        | N/A       | N/A       | N/A       | N/A       |
| Styrene                                                         | 4                                                                                 | < 0.00417  | N/A        | N/A        | N/A        | N/A       | N/A       | N/A       | N/A       |
| 1,1,2,2-Tetrachloroethane                                       | ~                                                                                 | < 0.00167  | N/A        | N/A        | N/A        | N/A       | N/A       | N/A       | N/A       |
| Tetrachloroethene                                               | 0.06                                                                              | < 0.00417  | N/A        | N/A        | N/A        | N/A       | N/A       | N/A       | N/A       |
| Toluene                                                         | 12                                                                                | < 0.00417  | N/A        | N/A        | N/A        | N/A       | N/A       | N/A       | N/A       |
| 1,1,1-Trichloroethane                                           | 2                                                                                 | < 0.00417  | N/A        | N/A        | N/A        | N/A       | N/A       | N/A       | N/A       |
| 1,1,2-Trichloroethane                                           | 0.02                                                                              | < 0.00417  | N/A        | N/A        | N/A        | N/A       | N/A       | N/A       | N/A       |
| Trichloroethene                                                 | 0.06                                                                              | < 0.00417  | N/A        | N/A        | N/A        | N/A       | N/A       | N/A       | N/A       |
| Vinyl chloride                                                  | 0.01                                                                              | < 0.00417  | N/A        | N/A        | N/A        | N/A       | N/A       | N/A       | N/A       |
| Xylenes (total)                                                 | 5.6                                                                               | < 0.0125   | N/A        | N/A        | N/A        | N/A       | N/A       | N/A       | N/A       |
| Notes:                                                          |                                                                                   |            |            |            |            |           |           |           |           |
| All results are reported as mg/kg-dry unless otherwise noted.   |                                                                                   |            |            |            |            |           |           |           |           |
| Bold/Shaded results indicate concentrations exceeding CCDD MACS |                                                                                   |            |            |            |            |           |           |           |           |

SOIL\_PNAs

|                                                                                   |             |            |            |            |            |           |           |           |           |
|-----------------------------------------------------------------------------------|-------------|------------|------------|------------|------------|-----------|-----------|-----------|-----------|
| Rubino Engineering Inc.                                                           |             |            |            |            |            |           |           |           |           |
| Project: G19.004                                                                  |             |            |            |            |            |           |           |           |           |
| Work Order: 19B0135                                                               |             |            |            |            |            |           |           |           |           |
|  |             |            |            |            |            |           |           |           |           |
| Chemical Name                                                                     | CCDD Limits | 19B0135-03 | 19B0398-02 | 19B0398-03 | 19B0398-01 | 19B505-01 | 19B505-02 | 19B505-03 | 19B505-04 |
|                                                                                   |             | B-03-01    | B-01-01    | B-02-01    | B-03-02    | B-04-02   | B-05-01   | B-06-01   | B-07-01   |
|                                                                                   |             | 02/05/2019 | 02/05/2019 | 02/05/2019 | 02/05/2019 | 43502     | 43502     | 43497     | 43497     |
| PNAs                                                                              |             |            |            |            |            |           |           |           |           |
| SW8270C R3 1996 (mg/Kg dry)                                                       |             |            |            |            |            |           |           |           |           |
| Acenaphthene                                                                      | 570         | < 0.361    | N/A        | N/A        | N/A        | N/A       | N/A       | N/A       | N/A       |
| Acenaphthylene                                                                    | 85          | < 0.361    | N/A        | N/A        | N/A        | N/A       | N/A       | N/A       | N/A       |
| Anthracene                                                                        | 12000       | < 0.361    | N/A        | N/A        | N/A        | N/A       | N/A       | N/A       | N/A       |
| Benzo(a)anthracene                                                                | 0.9         | < 0.361    | N/A        | N/A        | N/A        | N/A       | N/A       | N/A       | N/A       |
| Benzo(b)fluoranthene                                                              | 0.9         | < 0.361    | N/A        | N/A        | N/A        | N/A       | N/A       | N/A       | N/A       |
| Benzo(k)fluoranthene                                                              | 9           | < 0.361    | N/A        | N/A        | N/A        | N/A       | N/A       | N/A       | N/A       |
| Benzo(g,h,i)perylene                                                              | 2300        | < 0.361    | N/A        | N/A        | N/A        | N/A       | N/A       | N/A       | N/A       |
| Benzo(a)pyrene                                                                    | 0.09        | < 0.0651   | N/A        | N/A        | N/A        | N/A       | N/A       | N/A       | N/A       |
| Chrysene                                                                          | 88          | < 0.361    | N/A        | N/A        | N/A        | N/A       | N/A       | N/A       | N/A       |
| Dibenz(a,h)anthracene                                                             | 0.09        | < 0.0651   | N/A        | N/A        | N/A        | N/A       | N/A       | N/A       | N/A       |
| Fluoranthene                                                                      | 3100        | < 0.361    | N/A        | N/A        | N/A        | N/A       | N/A       | N/A       | N/A       |
| Fluorene                                                                          | 560         | < 0.361    | N/A        | N/A        | N/A        | N/A       | N/A       | N/A       | N/A       |
| Indeno(1,2,3-cd)pyrene                                                            | 0.9         | < 0.361    | N/A        | N/A        | N/A        | N/A       | N/A       | N/A       | N/A       |
| Naphthalene                                                                       | 1.8         | < 0.361    | N/A        | N/A        | N/A        | N/A       | N/A       | N/A       | N/A       |
| Phenanthrene                                                                      | 210         | < 0.361    | N/A        | N/A        | N/A        | N/A       | N/A       | N/A       | N/A       |
| Pyrene                                                                            | 2300        | < 0.361    | N/A        | N/A        | N/A        | N/A       | N/A       | N/A       | N/A       |
| Notes:                                                                            |             |            |            |            |            |           |           |           |           |
| All results are reported as mg/kg-dry unless otherwise noted.                     |             |            |            |            |            |           |           |           |           |
| Bold/Shaded results indicate concentrations exceeding CCDD MACS                   |             |            |            |            |            |           |           |           |           |

## SOIL\_INORG

|                                                                 |             |            |            |            |            |           |           |           |           |
|-----------------------------------------------------------------|-------------|------------|------------|------------|------------|-----------|-----------|-----------|-----------|
| Rubino Engineering Inc.                                         |             |            |            |            |            |           |           |           |           |
| Project: G19.004                                                |             |            |            |            |            |           |           |           |           |
| Work Order: 19B0135                                             |             |            |            |            |            |           |           |           |           |
|                                                                 |             |            |            |            |            |           |           |           |           |
| Chemical Name                                                   | CCDD Limits | 19B0135-03 | 19B0398-02 | 19B0398-03 | 19B0398-01 | 19B505-01 | 19B505-02 | 19B505-03 | 19B505-04 |
|                                                                 |             | B-03-01    | B-01-01    | B-02-01    | B-03-02    | B-04-02   | B-05-01   | B-06-01   | B-07-01   |
|                                                                 |             | 02/05/2019 | 02/05/2019 | 02/05/2019 | 02/05/2019 | 43502     | 43502     | 43497     | 43497     |
| INORG                                                           |             |            |            |            |            |           |           |           |           |
| ASTM D2974 2000 (%)                                             |             |            |            |            |            |           |           |           |           |
| Percent Solids                                                  |             | ~          | 84.9       | N/A        | N/A        | N/A       | N/A       | N/A       | N/A       |
| SW6020A R1 1998 (mg/Kg dry)                                     |             |            |            |            |            |           |           |           |           |
| Arsenic                                                         | 11.3        | 7.82       | N/A        | N/A        | N/A        | N/A       | N/A       | N/A       | N/A       |
| Barium                                                          | 1500        | 57.8       | N/A        | N/A        | N/A        | N/A       | N/A       | N/A       | N/A       |
| Cadmium                                                         | 5.2         | < 0.583    | N/A        | N/A        | N/A        | N/A       | N/A       | N/A       | N/A       |
| Chromium                                                        | 21          | 18.3       | N/A        | N/A        | N/A        | N/A       | N/A       | N/A       | N/A       |
| Lead                                                            | 107         | 12.0       | N/A        | N/A        | N/A        | N/A       | N/A       | N/A       | N/A       |
| Mercury                                                         | 0.89        | < 0.466    | N/A        | N/A        | N/A        | N/A       | N/A       | N/A       | N/A       |
| Selenium                                                        | 1.3         | < 0.583    | N/A        | N/A        | N/A        | N/A       | N/A       | N/A       | N/A       |
| Silver                                                          | 4.4         | < 0.0583   | N/A        | N/A        | N/A        | N/A       | N/A       | N/A       | N/A       |
| SW9045C R3 1995 (pH Units)                                      |             |            |            |            |            |           |           |           |           |
| pH                                                              | 9           | 9.1        | 7.9        | 8.6        | 8.5        | 7.3       | 8.4       | 8.2       | 8         |
| Notes:                                                          |             |            |            |            |            |           |           |           |           |
| All results are reported as mg/kg-dry unless otherwise noted.   |             |            |            |            |            |           |           |           |           |
| Bold/Shaded results indicate concentrations exceeding CCDD MACS |             |            |            |            |            |           |           |           |           |

**APPENDIX A.3 – LAB REPORTS**



PDC Laboratories, Inc.

Thursday, February 14, 2019

Anthony Tomaras  
Rubino Engineering Inc.  
425 Shepard Drive  
Elgin, IL 60123  
TEL: (847) 931-1555  
FAX: (847) 931-1560

RE: G19.004

PDC WO: 19B0135

PDC Laboratories, Inc. received 3 sample(s) on 2/7/2019 for the analyses presented in the following report.

All applicable quality control procedures met method specific acceptance criteria unless otherwise noted.

This report shall not be reproduced, except in full, without the prior written consent of PDC Laboratories, Inc.

If you have any questions, please feel free to contact me at (217) 753-1148.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "Kristen Potter", is written over a light gray rectangular background.

Kristen A. Potter  
Project Manager

**Certifications:** NELAP/NELAC - IL #100323

---

|                               |   |                             |   |                |   |                    |
|-------------------------------|---|-----------------------------|---|----------------|---|--------------------|
| 1210 Capital Airport Drive    | * | Springfield, IL 62707       | * | 1.217.753.1148 | * | 1.217.753.1152 Fax |
| 9114 Virginia Road Suite #112 | * | Lake in the Hills, IL 60156 | * | 1.847.651.2604 | * | 1.847.458.0538 Fax |



PDC Laboratories, Inc.

Date: 2/14/2019

## LABORATORY RESULTS

Client: Rubino Engineering Inc.  
 Project: G19.004  
 Client Sample ID: B-03-01  
 Collection Date: 2/5/19 12:30

Lab Order: 19B0135  
 Lab ID: 19B0135-03  
 Matrix: Solid

| Analyses                                   | Result | Limit   | Qual | Units     | DF | Date Prepared | Date Analyzed | Method     | Analyst |
|--------------------------------------------|--------|---------|------|-----------|----|---------------|---------------|------------|---------|
| <b>Volatile Organic Compounds by GC-MS</b> |        |         |      |           |    |               |               |            |         |
| *Acetone                                   | U      | 0.0584  |      | mg/Kg dry | 1  | 2/8/19 8:20   | 2/8/19 15:40  | SW8260B R2 | JLS     |
| *Benzene                                   | U      | 0.00417 |      | mg/Kg dry | 1  | 2/8/19 8:20   | 2/8/19 15:40  | SW8260B R2 | JLS     |
| *Bromodichloromethane                      | U      | 0.00417 |      | mg/Kg dry | 1  | 2/8/19 8:20   | 2/8/19 15:40  | SW8260B R2 | JLS     |
| *Bromoform                                 | U      | 0.00417 |      | mg/Kg dry | 1  | 2/8/19 8:20   | 2/8/19 15:40  | SW8260B R2 | JLS     |
| *Bromomethane                              | U      | 0.00835 |      | mg/Kg dry | 1  | 2/8/19 8:20   | 2/8/19 15:40  | SW8260B R2 | JLS     |
| *2-Butanone                                | U      | 0.00835 |      | mg/Kg dry | 1  | 2/8/19 8:20   | 2/8/19 15:40  | SW8260B R2 | JLS     |
| *Carbon disulfide                          | U      | 0.00835 |      | mg/Kg dry | 1  | 2/8/19 8:20   | 2/8/19 15:40  | SW8260B R2 | JLS     |
| *Carbon tetrachloride                      | U      | 0.00417 |      | mg/Kg dry | 1  | 2/8/19 8:20   | 2/8/19 15:40  | SW8260B R2 | JLS     |
| *Chlorobenzene                             | U      | 0.00417 |      | mg/Kg dry | 1  | 2/8/19 8:20   | 2/8/19 15:40  | SW8260B R2 | JLS     |
| *Chloroethane                              | U      | 0.00835 |      | mg/Kg dry | 1  | 2/8/19 8:20   | 2/8/19 15:40  | SW8260B R2 | JLS     |
| *Chloroform                                | U      | 0.00417 |      | mg/Kg dry | 1  | 2/8/19 8:20   | 2/8/19 15:40  | SW8260B R2 | JLS     |
| *Chloromethane                             | U      | 0.00835 |      | mg/Kg dry | 1  | 2/8/19 8:20   | 2/8/19 15:40  | SW8260B R2 | JLS     |
| *Dibromochloromethane                      | U      | 0.00417 |      | mg/Kg dry | 1  | 2/8/19 8:20   | 2/8/19 15:40  | SW8260B R2 | JLS     |
| *1,1-Dichloroethane                        | U      | 0.00417 |      | mg/Kg dry | 1  | 2/8/19 8:20   | 2/8/19 15:40  | SW8260B R2 | JLS     |
| *1,2-Dichloroethane                        | U      | 0.00417 |      | mg/Kg dry | 1  | 2/8/19 8:20   | 2/8/19 15:40  | SW8260B R2 | JLS     |
| *1,1-Dichloroethene                        | U      | 0.00417 |      | mg/Kg dry | 1  | 2/8/19 8:20   | 2/8/19 15:40  | SW8260B R2 | JLS     |
| *cis-1,2-Dichloroethene                    | U      | 0.00417 |      | mg/Kg dry | 1  | 2/8/19 8:20   | 2/8/19 15:40  | SW8260B R2 | JLS     |
| *trans-1,2-Dichloroethene                  | U      | 0.00417 |      | mg/Kg dry | 1  | 2/8/19 8:20   | 2/8/19 15:40  | SW8260B R2 | JLS     |
| *1,2-Dichloropropane                       | U      | 0.00417 |      | mg/Kg dry | 1  | 2/8/19 8:20   | 2/8/19 15:40  | SW8260B R2 | JLS     |
| *cis-1,3-Dichloropropene                   | U      | 0.00250 |      | mg/Kg dry | 1  | 2/8/19 8:20   | 2/8/19 15:40  | SW8260B R2 | JLS     |
| *trans-1,3-Dichloropropene                 | U      | 0.00250 |      | mg/Kg dry | 1  | 2/8/19 8:20   | 2/8/19 15:40  | SW8260B R2 | JLS     |
| *Ethylbenzene                              | U      | 0.00417 |      | mg/Kg dry | 1  | 2/8/19 8:20   | 2/8/19 15:40  | SW8260B R2 | JLS     |
| *2-Hexanone                                | U      | 0.00417 |      | mg/Kg dry | 1  | 2/8/19 8:20   | 2/8/19 15:40  | SW8260B R2 | JLS     |
| *Methyl tert-butyl ether                   | U      | 0.00417 |      | mg/Kg dry | 1  | 2/8/19 8:20   | 2/8/19 15:40  | SW8260B R2 | JLS     |
| *4-Methyl-2-pentanone                      | U      | 0.00417 |      | mg/Kg dry | 1  | 2/8/19 8:20   | 2/8/19 15:40  | SW8260B R2 | JLS     |
| *Methylene chloride                        | U      | 0.00417 |      | mg/Kg dry | 1  | 2/8/19 8:20   | 2/8/19 15:40  | SW8260B R2 | JLS     |
| *Styrene                                   | U      | 0.00417 |      | mg/Kg dry | 1  | 2/8/19 8:20   | 2/8/19 15:40  | SW8260B R2 | JLS     |
| *1,1,2,2-Tetrachloroethane                 | U      | 0.00167 |      | mg/Kg dry | 1  | 2/8/19 8:20   | 2/8/19 15:40  | SW8260B R2 | JLS     |
| *Tetrachloroethene                         | U      | 0.00417 |      | mg/Kg dry | 1  | 2/8/19 8:20   | 2/8/19 15:40  | SW8260B R2 | JLS     |
| *Toluene                                   | U      | 0.00417 |      | mg/Kg dry | 1  | 2/8/19 8:20   | 2/8/19 15:40  | SW8260B R2 | JLS     |
| *1,1,1-Trichloroethane                     | U      | 0.00417 |      | mg/Kg dry | 1  | 2/8/19 8:20   | 2/8/19 15:40  | SW8260B R2 | JLS     |
| *1,1,2-Trichloroethane                     | U      | 0.00417 |      | mg/Kg dry | 1  | 2/8/19 8:20   | 2/8/19 15:40  | SW8260B R2 | JLS     |
| *Trichloroethene                           | U      | 0.00417 |      | mg/Kg dry | 1  | 2/8/19 8:20   | 2/8/19 15:40  | SW8260B R2 | JLS     |
| *Vinyl chloride                            | U      | 0.00417 |      | mg/Kg dry | 1  | 2/8/19 8:20   | 2/8/19 15:40  | SW8260B R2 | JLS     |
| *Xylenes (total)                           | U      | 0.0125  |      | mg/Kg dry | 1  | 2/8/19 8:20   | 2/8/19 15:40  | SW8260B R2 | JLS     |
| Surrogate: 4-Bromofluorobenzene            |        | 82 %    |      | 75-120    |    | 2/8/19 8:20   | 2/8/19 15:40  | SW8260B R2 | JLS     |
| Surrogate: 1,2-Dichloroethane-d4           |        | 116 %   |      | 75-119    |    | 2/8/19 8:20   | 2/8/19 15:40  | SW8260B R2 | JLS     |
| Surrogate: Toluene-d8                      |        | 112 %   |      | 78-114    |    | 2/8/19 8:20   | 2/8/19 15:40  | SW8260B R2 | JLS     |

## Semi-Volatile Organic Compounds by GC-MS

|                       |   |        |  |           |   |               |               |            |     |
|-----------------------|---|--------|--|-----------|---|---------------|---------------|------------|-----|
| *Acenaphthene         | U | 0.361  |  | mg/Kg dry | 1 | 2/12/19 14:12 | 2/12/19 19:34 | SW8270C R3 | JKA |
| *Acenaphthylene       | U | 0.361  |  | mg/Kg dry | 1 | 2/12/19 14:12 | 2/12/19 19:34 | SW8270C R3 | JKA |
| *Anthracene           | U | 0.361  |  | mg/Kg dry | 1 | 2/12/19 14:12 | 2/12/19 19:34 | SW8270C R3 | JKA |
| *Benzo(a)anthracene   | U | 0.361  |  | mg/Kg dry | 1 | 2/12/19 14:12 | 2/12/19 19:34 | SW8270C R3 | JKA |
| *Benzo(b)fluoranthene | U | 0.361  |  | mg/Kg dry | 1 | 2/12/19 14:12 | 2/12/19 19:34 | SW8270C R3 | JKA |
| *Benzo(k)fluoranthene | U | 0.361  |  | mg/Kg dry | 1 | 2/12/19 14:12 | 2/12/19 19:34 | SW8270C R3 | JKA |
| *Benzo(g,h,i)perylene | U | 0.361  |  | mg/Kg dry | 1 | 2/12/19 14:12 | 2/12/19 19:34 | SW8270C R3 | JKA |
| *Benzo(a)pyrene       | U | 0.0651 |  | mg/Kg dry | 1 | 2/12/19 14:12 | 2/12/19 19:34 | SW8270C R3 | JKA |
| *Chrysene             | U | 0.361  |  | mg/Kg dry | 1 | 2/12/19 14:12 | 2/12/19 19:34 | SW8270C R3 | JKA |

PDC Laboratories, Inc.

Date: 2/14/2019

## LABORATORY RESULTS

Client: Rubino Engineering Inc.

Project: G19.004

Lab Order: 19B0135

Client Sample ID: B-03-01

Lab ID: 19B0135-03

Collection Date: 2/5/19 12:30

Matrix: Solid

| Analyses                    | Result | Limit  | Qual | Units     | DF | Date Prepared | Date Analyzed | Method     | Analyst |
|-----------------------------|--------|--------|------|-----------|----|---------------|---------------|------------|---------|
| *Dibenz(a,h)anthracene      | U      | 0.0651 |      | mg/Kg dry | 1  | 2/12/19 14:12 | 2/12/19 19:34 | SW8270C R3 | JKA     |
| *Fluoranthene               | U      | 0.361  |      | mg/Kg dry | 1  | 2/12/19 14:12 | 2/12/19 19:34 | SW8270C R3 | JKA     |
| *Fluorene                   | U      | 0.361  |      | mg/Kg dry | 1  | 2/12/19 14:12 | 2/12/19 19:34 | SW8270C R3 | JKA     |
| *Indeno(1,2,3-cd)pyrene     | U      | 0.361  |      | mg/Kg dry | 1  | 2/12/19 14:12 | 2/12/19 19:34 | SW8270C R3 | JKA     |
| *Naphthalene                | U      | 0.361  |      | mg/Kg dry | 1  | 2/12/19 14:12 | 2/12/19 19:34 | SW8270C R3 | JKA     |
| *Phenanthrene               | U      | 0.361  |      | mg/Kg dry | 1  | 2/12/19 14:12 | 2/12/19 19:34 | SW8270C R3 | JKA     |
| *Pyrene                     | U      | 0.361  |      | mg/Kg dry | 1  | 2/12/19 14:12 | 2/12/19 19:34 | SW8270C R3 | JKA     |
| Surrogate: 2-Fluorobiphenyl |        | 71 %   |      | 38-122    |    | 2/12/19 14:12 | 2/12/19 19:34 | SW8270C R3 | JKA     |
| Surrogate: Nitrobenzene-d5  |        | 82 %   |      | 45-136    |    | 2/12/19 14:12 | 2/12/19 19:34 | SW8270C R3 | JKA     |
| Surrogate: 4-Terphenyl-d14  |        | 78 %   |      | 57-122    |    | 2/12/19 14:12 | 2/12/19 19:34 | SW8270C R3 | JKA     |

## Metals by ICP-MS

|           |      |        |  |           |    |              |               |            |     |
|-----------|------|--------|--|-----------|----|--------------|---------------|------------|-----|
| *Arsenic  | 7.82 | 2.91   |  | mg/Kg dry | 10 | 2/12/19 9:30 | 2/12/19 19:50 | SW6020A R1 | KSH |
| *Barium   | 57.8 | 5.83   |  | mg/Kg dry | 10 | 2/12/19 9:30 | 2/12/19 19:50 | SW6020A R1 | KSH |
| *Cadmium  | U    | 0.583  |  | mg/Kg dry | 10 | 2/12/19 9:30 | 2/12/19 19:50 | SW6020A R1 | KSH |
| *Chromium | 18.3 | 0.583  |  | mg/Kg dry | 10 | 2/12/19 9:30 | 2/12/19 19:50 | SW6020A R1 | KSH |
| *Lead     | 12.0 | 0.583  |  | mg/Kg dry | 10 | 2/12/19 9:30 | 2/12/19 19:50 | SW6020A R1 | KSH |
| *Mercury  | U    | 0.466  |  | mg/Kg dry | 10 | 2/12/19 9:30 | 2/12/19 19:50 | SW6020A R1 | KSH |
| *Selenium | U    | 0.583  |  | mg/Kg dry | 10 | 2/12/19 9:30 | 2/12/19 19:50 | SW6020A R1 | KSH |
| *Silver   | U    | 0.0583 |  | mg/Kg dry | 10 | 2/12/19 9:30 | 2/12/19 19:50 | SW6020A R1 | KSH |

## Conventional Chemistry Parameters

|                |      |       |  |          |   |               |               |            |     |
|----------------|------|-------|--|----------|---|---------------|---------------|------------|-----|
| *pH            | 9.1  | 0.010 |  | pH Units | 1 | 2/13/19 11:08 | 2/13/19 14:07 | SW9045C R3 | clh |
| Percent Solids | 84.9 | 0.100 |  | %        | 1 | 2/12/19 10:16 | 2/14/19 9:22  | ASTM D2974 | OPM |

PDC Laboratories, Inc.

Date: 2/14/2019

## LABORATORY RESULTS

Client: Rubino Engineering Inc.

Project: G19.004

Lab Order: 19B0135

## Volatile Organic Compounds by GC-MS - Quality Control

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|

## Batch C000515 - SW 5035A VOA

## Blank (C000515-BLK1)

Prepared &amp; Analyzed: 02/08/2019

|                           |   |         |           |
|---------------------------|---|---------|-----------|
| Acetone                   | U | 0.0500  | mg/Kg wet |
| Benzene                   | U | 0.00500 | mg/Kg wet |
| Bromodichloromethane      | U | 0.00500 | mg/Kg wet |
| Bromoform                 | U | 0.00500 | mg/Kg wet |
| Bromomethane              | U | 0.0100  | mg/Kg wet |
| 2-Butanone                | U | 0.0100  | mg/Kg wet |
| Carbon disulfide          | U | 0.0100  | mg/Kg wet |
| Carbon tetrachloride      | U | 0.00500 | mg/Kg wet |
| Chlorobenzene             | U | 0.00500 | mg/Kg wet |
| Chloroethane              | U | 0.0100  | mg/Kg wet |
| Chloroform                | U | 0.00500 | mg/Kg wet |
| Chloromethane             | U | 0.0100  | mg/Kg wet |
| Dibromochloromethane      | U | 0.00500 | mg/Kg wet |
| 1,1-Dichloroethane        | U | 0.00500 | mg/Kg wet |
| 1,2-Dichloroethane        | U | 0.00500 | mg/Kg wet |
| 1,1-Dichloroethene        | U | 0.00500 | mg/Kg wet |
| cis-1,2-Dichloroethene    | U | 0.00500 | mg/Kg wet |
| trans-1,2-Dichloroethene  | U | 0.00500 | mg/Kg wet |
| 1,2-Dichloropropane       | U | 0.00500 | mg/Kg wet |
| cis-1,3-Dichloropropene   | U | 0.00300 | mg/Kg wet |
| trans-1,3-Dichloropropene | U | 0.00300 | mg/Kg wet |
| Ethylbenzene              | U | 0.00500 | mg/Kg wet |
| 2-Hexanone                | U | 0.00500 | mg/Kg wet |
| Methyl tert-butyl ether   | U | 0.00500 | mg/Kg wet |
| 4-Methyl-2-pentanone      | U | 0.00500 | mg/Kg wet |
| Methylene chloride        | U | 0.00500 | mg/Kg wet |
| Styrene                   | U | 0.00500 | mg/Kg wet |
| 1,1,2,2-Tetrachloroethane | U | 0.00200 | mg/Kg wet |
| Tetrachloroethene         | U | 0.00500 | mg/Kg wet |
| Toluene                   | U | 0.00500 | mg/Kg wet |
| 1,1,1-Trichloroethane     | U | 0.00500 | mg/Kg wet |
| 1,1,2-Trichloroethane     | U | 0.00500 | mg/Kg wet |
| Trichloroethene           | U | 0.00500 | mg/Kg wet |
| Vinyl chloride            | U | 0.00500 | mg/Kg wet |
| Xylenes (total)           | U | 0.0150  | mg/Kg wet |

|                                  |        |           |          |     |        |
|----------------------------------|--------|-----------|----------|-----|--------|
| Surrogate: 4-Bromofluorobenzene  | 0.0495 | mg/Kg wet | 0.050000 | 99  | 75-120 |
| Surrogate: 1,2-Dichloroethane-d4 | 0.0530 | mg/Kg wet | 0.050000 | 106 | 75-119 |
| Surrogate: Toluene-d8            | 0.0487 | mg/Kg wet | 0.050000 | 97  | 78-114 |

PDC Laboratories, Inc.

Date: 2/14/2019

## LABORATORY RESULTS

Client: Rubino Engineering Inc.

Project: G19.004

Lab Order: 19B0135

## Volatile Organic Compounds by GC-MS - Quality Control

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|

## Batch C000515 - SW 5035A VOA

## LCS (C000515-BS1)

Prepared &amp; Analyzed: 02/08/2019

|                                  |        |         |           |          |  |     |        |  |  |  |
|----------------------------------|--------|---------|-----------|----------|--|-----|--------|--|--|--|
| Benzene                          | 0.0459 | 0.00500 | mg/Kg wet | 0.050000 |  | 92  | 80-130 |  |  |  |
| Chlorobenzene                    | 0.0485 | 0.00500 | mg/Kg wet | 0.050000 |  | 97  | 85-120 |  |  |  |
| 1,1-Dichloroethene               | 0.0414 | 0.00500 | mg/Kg wet | 0.050000 |  | 83  | 70-130 |  |  |  |
| Ethylbenzene                     | 0.0524 | 0.00500 | mg/Kg wet | 0.050000 |  | 105 | 77-132 |  |  |  |
| Toluene                          | 0.0468 | 0.00500 | mg/Kg wet | 0.050000 |  | 94  | 80-130 |  |  |  |
| Trichloroethene                  | 0.0436 | 0.00500 | mg/Kg wet | 0.050000 |  | 87  | 75-130 |  |  |  |
| Xylenes (total)                  | 0.161  | 0.0150  | mg/Kg wet | 0.15000  |  | 107 | 80-130 |  |  |  |
| Surrogate: 4-Bromofluorobenzene  | 0.0550 |         | mg/Kg wet | 0.050000 |  | 110 | 75-120 |  |  |  |
| Surrogate: 1,2-Dichloroethane-d4 | 0.0438 |         | mg/Kg wet | 0.050000 |  | 88  | 75-119 |  |  |  |
| Surrogate: Toluene-d8            | 0.0493 |         | mg/Kg wet | 0.050000 |  | 99  | 78-114 |  |  |  |

## Matrix Spike (C000515-MS1)

Source: 19B0030-04RE2

Prepared &amp; Analyzed: 02/08/2019

|                                  |        |         |           |          |    |     |        |  |  |   |
|----------------------------------|--------|---------|-----------|----------|----|-----|--------|--|--|---|
| Benzene                          | 0.0420 | 0.00500 | mg/Kg wet | 0.050000 | ND | 84  | 50-140 |  |  |   |
| Chlorobenzene                    | 0.0474 | 0.00500 | mg/Kg wet | 0.050000 | ND | 95  | 60-130 |  |  |   |
| 1,1-Dichloroethene               | 0.0298 | 0.00500 | mg/Kg wet | 0.050000 | ND | 60  | 60-130 |  |  | S |
| Ethylbenzene                     | 0.0520 | 0.00500 | mg/Kg wet | 0.050000 | ND | 104 | 50-140 |  |  |   |
| Toluene                          | 0.0432 | 0.00500 | mg/Kg wet | 0.050000 | ND | 86  | 55-130 |  |  |   |
| Trichloroethene                  | 0.0376 | 0.00500 | mg/Kg wet | 0.050000 | ND | 75  | 60-130 |  |  |   |
| Xylenes (total)                  | 0.168  | 0.0150  | mg/Kg wet | 0.15000  | ND | 112 | 60-130 |  |  |   |
| Surrogate: 4-Bromofluorobenzene  | 0.0587 |         | mg/Kg wet | 0.050000 |    | 117 | 75-120 |  |  |   |
| Surrogate: 1,2-Dichloroethane-d4 | 0.0381 |         | mg/Kg wet | 0.050000 |    | 76  | 75-119 |  |  |   |
| Surrogate: Toluene-d8            | 0.0471 |         | mg/Kg wet | 0.050000 |    | 94  | 78-114 |  |  |   |

## Matrix Spike Dup (C000515-MSD1)

Source: 19B0030-04RE2

Prepared &amp; Analyzed: 02/08/2019

|                                  |        |         |           |          |    |     |        |    |    |   |
|----------------------------------|--------|---------|-----------|----------|----|-----|--------|----|----|---|
| Benzene                          | 0.0441 | 0.00500 | mg/Kg wet | 0.050000 | ND | 88  | 50-140 | 5  | 20 |   |
| Chlorobenzene                    | 0.0458 | 0.00500 | mg/Kg wet | 0.050000 | ND | 92  | 60-130 | 3  | 20 |   |
| 1,1-Dichloroethene               | 0.0415 | 0.00500 | mg/Kg wet | 0.050000 | ND | 83  | 60-130 | 33 | 20 | R |
| Ethylbenzene                     | 0.0455 | 0.00500 | mg/Kg wet | 0.050000 | ND | 91  | 50-140 | 13 | 25 |   |
| Toluene                          | 0.0454 | 0.00500 | mg/Kg wet | 0.050000 | ND | 91  | 55-130 | 5  | 25 |   |
| Trichloroethene                  | 0.0470 | 0.00500 | mg/Kg wet | 0.050000 | ND | 94  | 60-130 | 22 | 20 | R |
| Xylenes (total)                  | 0.137  | 0.0150  | mg/Kg wet | 0.15000  | ND | 91  | 60-130 | 20 | 25 |   |
| Surrogate: 4-Bromofluorobenzene  | 0.0489 |         | mg/Kg wet | 0.050000 |    | 98  | 75-120 |    |    |   |
| Surrogate: 1,2-Dichloroethane-d4 | 0.0515 |         | mg/Kg wet | 0.050000 |    | 103 | 75-119 |    |    |   |
| Surrogate: Toluene-d8            | 0.0512 |         | mg/Kg wet | 0.050000 |    | 102 | 78-114 |    |    |   |

PDC Laboratories, Inc.

Date: 2/14/2019

## LABORATORY RESULTS

Client: Rubino Engineering Inc.

Project: G19.004

Lab Order: 19B0135

## Semi-Volatile Organic Compounds by GC-MS - Quality Control

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|

## Batch C000557 - SW 3550B PNA

## Blank (C000557-BLK1)

Prepared &amp; Analyzed: 02/12/2019

|                             |       |        |           |         |  |    |        |  |  |  |
|-----------------------------|-------|--------|-----------|---------|--|----|--------|--|--|--|
| Acenaphthene                | U     | 0.333  | mg/Kg wet |         |  |    |        |  |  |  |
| Acenaphthylene              | U     | 0.333  | mg/Kg wet |         |  |    |        |  |  |  |
| Anthracene                  | U     | 0.333  | mg/Kg wet |         |  |    |        |  |  |  |
| Benzo(a)anthracene          | U     | 0.333  | mg/Kg wet |         |  |    |        |  |  |  |
| Benzo(b)fluoranthene        | U     | 0.333  | mg/Kg wet |         |  |    |        |  |  |  |
| Benzo(k)fluoranthene        | U     | 0.333  | mg/Kg wet |         |  |    |        |  |  |  |
| Benzo(g,h,i)perylene        | U     | 0.333  | mg/Kg wet |         |  |    |        |  |  |  |
| Benzo(a)pyrene              | U     | 0.0600 | mg/Kg wet |         |  |    |        |  |  |  |
| Chrysene                    | U     | 0.333  | mg/Kg wet |         |  |    |        |  |  |  |
| Dibenz(a,h)anthracene       | U     | 0.0600 | mg/Kg wet |         |  |    |        |  |  |  |
| Fluoranthene                | U     | 0.333  | mg/Kg wet |         |  |    |        |  |  |  |
| Fluorene                    | U     | 0.333  | mg/Kg wet |         |  |    |        |  |  |  |
| Indeno(1,2,3-cd)pyrene      | U     | 0.333  | mg/Kg wet |         |  |    |        |  |  |  |
| Naphthalene                 | U     | 0.333  | mg/Kg wet |         |  |    |        |  |  |  |
| Phenanthrene                | U     | 0.333  | mg/Kg wet |         |  |    |        |  |  |  |
| Pyrene                      | U     | 0.333  | mg/Kg wet |         |  |    |        |  |  |  |
| Surrogate: 2-Fluorobiphenyl | 0.507 |        | mg/Kg wet | 0.66667 |  | 76 | 38-122 |  |  |  |
| Surrogate: Nitrobenzene-d5  | 0.549 |        | mg/Kg wet | 0.66667 |  | 82 | 45-136 |  |  |  |
| Surrogate: 4-Terphenyl-d14  | 0.503 |        | mg/Kg wet | 0.66667 |  | 75 | 57-122 |  |  |  |

## LCS (C000557-BS1)

Prepared &amp; Analyzed: 02/12/2019

|                             |       |        |           |         |  |     |        |  |  |  |
|-----------------------------|-------|--------|-----------|---------|--|-----|--------|--|--|--|
| Acenaphthene                | 0.597 | 0.333  | mg/Kg wet | 0.66667 |  | 90  | 50-135 |  |  |  |
| Acenaphthylene              | 0.468 | 0.333  | mg/Kg wet | 0.66667 |  | 70  | 51-134 |  |  |  |
| Anthracene                  | 0.615 | 0.333  | mg/Kg wet | 0.66667 |  | 92  | 52-117 |  |  |  |
| Benzo(a)anthracene          | 0.730 | 0.333  | mg/Kg wet | 0.66667 |  | 110 | 50-126 |  |  |  |
| Benzo(b)fluoranthene        | 0.611 | 0.333  | mg/Kg wet | 0.66667 |  | 92  | 57-134 |  |  |  |
| Benzo(k)fluoranthene        | 0.624 | 0.333  | mg/Kg wet | 0.66667 |  | 94  | 59-168 |  |  |  |
| Benzo(g,h,i)perylene        | 0.646 | 0.333  | mg/Kg wet | 0.66667 |  | 97  | 56-147 |  |  |  |
| Benzo(a)pyrene              | 0.571 | 0.0600 | mg/Kg wet | 0.66667 |  | 86  | 41-133 |  |  |  |
| Chrysene                    | 0.510 | 0.333  | mg/Kg wet | 0.66667 |  | 77  | 52-127 |  |  |  |
| Dibenz(a,h)anthracene       | 0.582 | 0.0600 | mg/Kg wet | 0.66667 |  | 87  | 60-170 |  |  |  |
| Fluoranthene                | 0.613 | 0.333  | mg/Kg wet | 0.66667 |  | 92  | 57-130 |  |  |  |
| Fluorene                    | 0.566 | 0.333  | mg/Kg wet | 0.66667 |  | 85  | 47-154 |  |  |  |
| Indeno(1,2,3-cd)pyrene      | 0.567 | 0.333  | mg/Kg wet | 0.66667 |  | 85  | 59-132 |  |  |  |
| Naphthalene                 | 0.577 | 0.333  | mg/Kg wet | 0.66667 |  | 87  | 40-135 |  |  |  |
| Phenanthrene                | 0.541 | 0.333  | mg/Kg wet | 0.66667 |  | 81  | 54-126 |  |  |  |
| Pyrene                      | 0.581 | 0.333  | mg/Kg wet | 0.66667 |  | 87  | 57-132 |  |  |  |
| Surrogate: 2-Fluorobiphenyl | 0.584 |        | mg/Kg wet | 0.66667 |  | 88  | 38-122 |  |  |  |
| Surrogate: Nitrobenzene-d5  | 0.667 |        | mg/Kg wet | 0.66667 |  | 100 | 45-136 |  |  |  |
| Surrogate: 4-Terphenyl-d14  | 0.616 |        | mg/Kg wet | 0.66667 |  | 92  | 57-122 |  |  |  |



PDC Laboratories, Inc.

Date: 2/14/2019

## LABORATORY RESULTS

Client: Rubino Engineering Inc.

Project: G19.004

Lab Order: 19B0135

## Semi-Volatile Organic Compounds by GC-MS - Quality Control

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|

## Batch C000557 - SW 3550B PNA

| Matrix Spike (C000557-MS1)  | Source: 19B0193-06 |        |           | Prepared: 02/12/2019 Analyzed: 02/13/2019 |    |     |        |  |  |   |
|-----------------------------|--------------------|--------|-----------|-------------------------------------------|----|-----|--------|--|--|---|
| Acenaphthene                | 0.602              | 0.423  | mg/Kg dry | 0.84632                                   | ND | 71  | 50-135 |  |  |   |
| Acenaphthylene              | 0.538              | 0.423  | mg/Kg dry | 0.84632                                   | ND | 64  | 51-134 |  |  |   |
| Anthracene                  | 0.676              | 0.423  | mg/Kg dry | 0.84632                                   | ND | 80  | 52-117 |  |  |   |
| Benzo(a)anthracene          | 0.782              | 0.423  | mg/Kg dry | 0.84632                                   | ND | 92  | 50-126 |  |  |   |
| Benzo(b)fluoranthene        | 0.739              | 0.423  | mg/Kg dry | 0.84632                                   | ND | 87  | 57-134 |  |  |   |
| Benzo(k)fluoranthene        | 0.662              | 0.423  | mg/Kg dry | 0.84632                                   | ND | 78  | 59-168 |  |  |   |
| Benzo(g,h,i)perylene        | 0.474              | 0.423  | mg/Kg dry | 0.84632                                   | ND | 56  | 56-147 |  |  | I |
| Benzo(a)pyrene              | 0.614              | 0.0762 | mg/Kg dry | 0.84632                                   | ND | 73  | 41-133 |  |  |   |
| Chrysene                    | 0.594              | 0.423  | mg/Kg dry | 0.84632                                   | ND | 70  | 52-127 |  |  |   |
| Dibenz(a,h)anthracene       | 0.520              | 0.0762 | mg/Kg dry | 0.84632                                   | ND | 61  | 60-170 |  |  |   |
| Fluoranthene                | 0.706              | 0.423  | mg/Kg dry | 0.84632                                   | ND | 83  | 57-130 |  |  |   |
| Fluorene                    | 0.707              | 0.423  | mg/Kg dry | 0.84632                                   | ND | 84  | 47-154 |  |  |   |
| Indeno(1,2,3-cd)pyrene      | 0.485              | 0.423  | mg/Kg dry | 0.84632                                   | ND | 57  | 59-132 |  |  | I |
| Naphthalene                 | 0.669              | 0.423  | mg/Kg dry | 0.84632                                   | ND | 79  | 40-135 |  |  |   |
| Phenanthrene                | 0.648              | 0.423  | mg/Kg dry | 0.84632                                   | ND | 77  | 54-126 |  |  |   |
| Pyrene                      | 0.638              | 0.423  | mg/Kg dry | 0.84632                                   | ND | 75  | 57-132 |  |  |   |
| Surrogate: 2-Fluorobiphenyl | 0.650              |        | mg/Kg dry | 0.84632                                   |    | 77  | 38-122 |  |  |   |
| Surrogate: Nitrobenzene-d5  | 0.893              |        | mg/Kg dry | 0.84632                                   |    | 106 | 45-136 |  |  |   |
| Surrogate: 4-Terphenyl-d14  | 0.753              |        | mg/Kg dry | 0.84632                                   |    | 89  | 57-122 |  |  |   |

| Matrix Spike Dup (C000557-MSD1) | Source: 19B0193-06 |        |           | Prepared: 02/12/2019 Analyzed: 02/13/2019 |    |    |        |     |    |       |
|---------------------------------|--------------------|--------|-----------|-------------------------------------------|----|----|--------|-----|----|-------|
| Acenaphthene                    | 0.606              | 0.422  | mg/Kg dry | 0.84464                                   | ND | 72 | 50-135 | 0.8 | 20 |       |
| Acenaphthylene                  | 0.543              | 0.422  | mg/Kg dry | 0.84464                                   | ND | 64 | 51-134 | 0.9 | 20 |       |
| Anthracene                      | 0.776              | 0.422  | mg/Kg dry | 0.84464                                   | ND | 92 | 52-117 | 14  | 20 |       |
| Benzo(a)anthracene              | 0.808              | 0.422  | mg/Kg dry | 0.84464                                   | ND | 96 | 50-126 | 3   | 20 |       |
| Benzo(b)fluoranthene            | 0.673              | 0.422  | mg/Kg dry | 0.84464                                   | ND | 80 | 57-134 | 9   | 20 |       |
| Benzo(k)fluoranthene            | 0.618              | 0.422  | mg/Kg dry | 0.84464                                   | ND | 73 | 59-168 | 7   | 20 |       |
| Benzo(g,h,i)perylene            | 0.447              | 0.422  | mg/Kg dry | 0.84464                                   | ND | 53 | 56-147 | 6   | 20 | C1, I |
| Benzo(a)pyrene                  | 0.583              | 0.0760 | mg/Kg dry | 0.84464                                   | ND | 69 | 41-133 | 5   | 20 |       |
| Chrysene                        | 0.576              | 0.422  | mg/Kg dry | 0.84464                                   | ND | 68 | 52-127 | 3   | 20 |       |
| Dibenz(a,h)anthracene           | 0.491              | 0.0760 | mg/Kg dry | 0.84464                                   | ND | 58 | 60-170 | 6   | 20 | C1, I |
| Fluoranthene                    | 0.766              | 0.422  | mg/Kg dry | 0.84464                                   | ND | 91 | 57-130 | 8   | 20 |       |
| Fluorene                        | 0.715              | 0.422  | mg/Kg dry | 0.84464                                   | ND | 85 | 47-154 | 1   | 20 |       |
| Indeno(1,2,3-cd)pyrene          | 0.474              | 0.422  | mg/Kg dry | 0.84464                                   | ND | 56 | 59-132 | 2   | 20 | C1, I |
| Naphthalene                     | 0.635              | 0.422  | mg/Kg dry | 0.84464                                   | ND | 75 | 40-135 | 5   | 20 |       |
| Phenanthrene                    | 0.699              | 0.422  | mg/Kg dry | 0.84464                                   | ND | 83 | 54-126 | 8   | 20 |       |
| Pyrene                          | 0.711              | 0.422  | mg/Kg dry | 0.84464                                   | ND | 84 | 57-132 | 11  | 20 |       |
| Surrogate: 2-Fluorobiphenyl     | 0.686              |        | mg/Kg dry | 0.84464                                   |    | 81 | 38-122 |     |    |       |
| Surrogate: Nitrobenzene-d5      | 0.770              |        | mg/Kg dry | 0.84464                                   |    | 91 | 45-136 |     |    |       |
| Surrogate: 4-Terphenyl-d14      | 0.734              |        | mg/Kg dry | 0.84464                                   |    | 87 | 57-122 |     |    |       |

PDC Laboratories, Inc.

Date: 2/14/2019

## LABORATORY RESULTS

Client: Rubino Engineering Inc.

Project: G19.004

Lab Order: 19B0135

## Metals by ICP-MS - Quality Control

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|

## Batch C000545 - SW 3050B Metals

## Blank (C000545-BLK1)

Prepared &amp; Analyzed: 02/12/2019

|          |   |        |           |  |  |  |  |  |  |  |
|----------|---|--------|-----------|--|--|--|--|--|--|--|
| Arsenic  | U | 2.50   | mg/Kg wet |  |  |  |  |  |  |  |
| Barium   | U | 5.00   | mg/Kg wet |  |  |  |  |  |  |  |
| Cadmium  | U | 0.500  | mg/Kg wet |  |  |  |  |  |  |  |
| Chromium | U | 0.500  | mg/Kg wet |  |  |  |  |  |  |  |
| Lead     | U | 0.500  | mg/Kg wet |  |  |  |  |  |  |  |
| Mercury  | U | 0.400  | mg/Kg wet |  |  |  |  |  |  |  |
| Selenium | U | 0.500  | mg/Kg wet |  |  |  |  |  |  |  |
| Silver   | U | 0.0500 | mg/Kg wet |  |  |  |  |  |  |  |

## LCS (C000545-BS1)

Prepared &amp; Analyzed: 02/12/2019

|          |       |        |           |        |  |     |        |  |  |  |
|----------|-------|--------|-----------|--------|--|-----|--------|--|--|--|
| Arsenic  | 26.6  | 2.50   | mg/Kg wet | 25.000 |  | 107 | 80-120 |  |  |  |
| Barium   | 26.7  | 5.00   | mg/Kg wet | 25.000 |  | 107 | 80-120 |  |  |  |
| Cadmium  | 24.6  | 0.500  | mg/Kg wet | 25.000 |  | 98  | 80-120 |  |  |  |
| Chromium | 25.9  | 0.500  | mg/Kg wet | 25.000 |  | 104 | 80-120 |  |  |  |
| Lead     | 26.1  | 0.500  | mg/Kg wet | 25.000 |  | 105 | 80-120 |  |  |  |
| Mercury  | 0.992 | 0.400  | mg/Kg wet | 1.0000 |  | 99  | 80-120 |  |  |  |
| Selenium | 27.8  | 0.500  | mg/Kg wet | 25.000 |  | 111 | 80-120 |  |  |  |
| Silver   | 2.54  | 0.0500 | mg/Kg wet | 2.5000 |  | 101 | 80-120 |  |  |  |

## Matrix Spike (C000545-MS1)

Source: 19B0161-04

Prepared &amp; Analyzed: 02/12/2019

|          |      |        |           |        |        |     |        |  |  |   |
|----------|------|--------|-----------|--------|--------|-----|--------|--|--|---|
| Arsenic  | 39.7 | 3.44   | mg/Kg dry | 34.364 | 3.62   | 105 | 75-125 |  |  |   |
| Barium   | 129  | 6.87   | mg/Kg dry | 34.364 | 59.7   | 202 | 75-125 |  |  | S |
| Cadmium  | 33.4 | 0.687  | mg/Kg dry | 34.364 | 0.0419 | 97  | 75-125 |  |  |   |
| Chromium | 47.7 | 0.687  | mg/Kg dry | 34.364 | 13.8   | 99  | 75-125 |  |  |   |
| Lead     | 170  | 0.687  | mg/Kg dry | 34.364 | 73.7   | 280 | 75-125 |  |  | S |
| Mercury  | 2.47 | 0.550  | mg/Kg dry | 1.3746 | 0.250  | 162 | 75-125 |  |  | S |
| Selenium | 38.3 | 0.687  | mg/Kg dry | 34.364 | 1.09   | 108 | 75-125 |  |  |   |
| Silver   | 3.47 | 0.0687 | mg/Kg dry | 3.4364 | 0.0389 | 100 | 75-125 |  |  |   |

PDC Laboratories, Inc. Date: 2/14/2019

LABORATORY RESULTS

Client: Rubino Engineering Inc.  
Project: G19.004 Lab Order: 19B0135

Metals by ICP-MS - Quality Control

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|

Batch C000545 - SW 3050B Metals

| Matrix Spike Dup (C000545-MSD1) | Source: 19B0161-04 |        |           | Prepared & Analyzed: 02/12/2019 |        |     |        |     |    |      |
|---------------------------------|--------------------|--------|-----------|---------------------------------|--------|-----|--------|-----|----|------|
| Arsenic                         | 41.2               | 3.42   | mg/Kg dry | 34.227                          | 3.62   | 110 | 75-125 | 4   | 20 |      |
| Barium                          | 161                | 6.85   | mg/Kg dry | 34.227                          | 59.7   | 296 | 75-125 | 22  | 20 | R, S |
| Cadmium                         | 34.2               | 0.685  | mg/Kg dry | 34.227                          | 0.0419 | 100 | 75-125 | 2   | 20 |      |
| Chromium                        | 45.8               | 0.685  | mg/Kg dry | 34.227                          | 13.8   | 93  | 75-125 | 4   | 20 |      |
| Lead                            | 240                | 0.685  | mg/Kg dry | 34.227                          | 73.7   | 487 | 75-125 | 34  | 20 | R, S |
| Mercury                         | 2.49               | 0.548  | mg/Kg dry | 1.3691                          | 0.250  | 164 | 75-125 | 0.9 | 20 | S    |
| Selenium                        | 40.5               | 0.685  | mg/Kg dry | 34.227                          | 1.09   | 115 | 75-125 | 6   | 20 |      |
| Silver                          | 3.51               | 0.0685 | mg/Kg dry | 3.4227                          | 0.0389 | 101 | 75-125 | 1   | 20 |      |

PDC Laboratories, Inc.

Date: 2/14/2019

LABORATORY RESULTS

Client: Rubino Engineering Inc.  
Project: G19.004 Lab Order: 19B0135

Conventional Chemistry Parameters - Quality Control

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|

Batch C000548 - ASTM D2974 Solids

Blank (C000548-BLK1) Prepared & Analyzed: 02/12/2019

|                |   |       |   |  |  |  |  |  |  |  |
|----------------|---|-------|---|--|--|--|--|--|--|--|
| Percent Solids | U | 0.100 | % |  |  |  |  |  |  |  |
|----------------|---|-------|---|--|--|--|--|--|--|--|

Duplicate (C000548-DUP1) Source: 19B0161-03 Prepared & Analyzed: 02/12/2019

|                |      |       |   |  |      |  |  |   |    |  |
|----------------|------|-------|---|--|------|--|--|---|----|--|
| Percent Solids | 81.9 | 0.100 | % |  | 81.9 |  |  | 0 | 20 |  |
|----------------|------|-------|---|--|------|--|--|---|----|--|

Batch C000565 - SW 9045C pH

Duplicate (C000565-DUP1) Source: 19B0193-02 Prepared & Analyzed: 02/13/2019

|    |     |       |          |  |     |  |  |   |   |  |
|----|-----|-------|----------|--|-----|--|--|---|---|--|
| pH | 8.2 | 0.010 | pH Units |  | 8.3 |  |  | 1 | 5 |  |
|----|-----|-------|----------|--|-----|--|--|---|---|--|

PDC Laboratories, Inc.

Date: 2/14/2019

---

**LABORATORY RESULTS**

---

Client: Rubino Engineering Inc.

Project: G19.004

Lab Order: 19B0135

---

**Notes and Definitions**

- S Spike recovery outside acceptance limits.
- R RPD outside acceptance limits.
- I Matrix interference.
- C1 Analyte result confirmed by second analysis.
- \* NELAC certified compound.
- U Analyte not detected (i.e. less than RL or MDL).



State where samples collected

PHONE # 815-344-4044

1211 A CRYSTAL LAKE RD.

Packet Pg. 640



PDC Laboratories, Inc.

Friday, February 22, 2019

Anthony Tomaras  
Rubino Engineering Inc.  
425 Shepard Drive  
Elgin, IL 60123  
TEL: (847) 931-1555  
FAX: (847) 931-1560

RE: G19.004

PDC WO: 19B0398

PDC Laboratories, Inc. received 3 sample(s) on 2/18/2019 for the analyses presented in the following report.

All applicable quality control procedures met method specific acceptance criteria unless otherwise noted.

This report shall not be reproduced, except in full, without the prior written consent of PDC Laboratories, Inc.

If you have any questions, please feel free to contact me at (217) 753- 1148.

Respectfully submitted,

A handwritten signature in black ink, appearing to read 'Kristen Potter', is written over a light blue horizontal line.

Kimberly S. Brown For Kristen A. Potter  
Project Manager

**Certifications:** NELAP/NELAC - IL #100323

---

|                               |   |                             |   |                |   |                    |
|-------------------------------|---|-----------------------------|---|----------------|---|--------------------|
| 1210 Capital Airport Drive    | * | Springfield, IL 62707       | * | 1.217.753.1148 | * | 1.217.753.1152 Fax |
| 9114 Virginia Road Suite #112 | * | Lake in the Hills, IL 60156 | * | 1.847.651.2604 | * | 1.847.458.0538 Fax |

PDC Laboratories, Inc.

Date: 2/22/2019

---

**LABORATORY RESULTS**

---

**Client:** Rubino Engineering Inc.**Project:** G19.004**Lab Order:** 19B0398**Client Sample ID:** B-03-02**Lab ID:** 19B0398-01**Collection Date:** 2/5/19 12:30**Matrix:** Solid

| <u>Analyses</u>                          | <u>Result</u> | <u>Limit</u> | <u>Qual</u> | <u>Units</u> | <u>DF</u> | <u>Date Prepared</u> | <u>Date Analyzed</u> | <u>Method</u> | <u>Analyst</u> |
|------------------------------------------|---------------|--------------|-------------|--------------|-----------|----------------------|----------------------|---------------|----------------|
| <b>Conventional Chemistry Parameters</b> |               |              |             |              |           |                      |                      |               |                |
| *pH                                      | 8.5           | 0.010        | H           | pH Units     | 1         | 2/21/19 11:29        | 2/21/19 14:16        | SW9045C R3    | OPM            |

PDC Laboratories, Inc.

Date: 2/22/2019

---

**LABORATORY RESULTS**

---

**Client:** Rubino Engineering Inc.**Project:** G19.004**Lab Order:** 19B0398**Client Sample ID:** B-01-01**Lab ID:** 19B0398-02**Collection Date:** 2/5/19 8:30**Matrix:** Solid

| Analyses                                 | Result | Limit | Qual | Units    | DF | Date Prepared | Date Analyzed | Method     | Analyst |
|------------------------------------------|--------|-------|------|----------|----|---------------|---------------|------------|---------|
| <b>Conventional Chemistry Parameters</b> |        |       |      |          |    |               |               |            |         |
| *pH                                      | 7.9    | 0.010 | H    | pH Units | 1  | 2/21/19 11:29 | 2/21/19 14:16 | SW9045C R3 | OPM     |

PDC Laboratories, Inc.

Date: 2/22/2019

---

**LABORATORY RESULTS**

---

**Client:** Rubino Engineering Inc.**Project:** G19.004**Lab Order:** 19B0398**Client Sample ID:** B-02-01**Lab ID:** 19B0398-03**Collection Date:** 2/5/19 10:30**Matrix:** Solid

| <u>Analyses</u>                          | <u>Result</u> | <u>Limit</u> | <u>Qual</u> | <u>Units</u> | <u>DF</u> | <u>Date Prepared</u> | <u>Date Analyzed</u> | <u>Method</u> | <u>Analyst</u> |
|------------------------------------------|---------------|--------------|-------------|--------------|-----------|----------------------|----------------------|---------------|----------------|
| <b>Conventional Chemistry Parameters</b> |               |              |             |              |           |                      |                      |               |                |
| *pH                                      | 8.6           | 0.010        | H           | pH Units     | 1         | 2/21/19 11:29        | 2/21/19 14:16        | SW9045C R3    | OPM            |



PDC Laboratories, Inc.

Date: 2/22/2019

LABORATORY RESULTS

Client:

Rubino Engineering Inc.

Project:

G19.004

Lab Order: 19B0398

Conventional Chemistry Parameters - Quality Control

| Analyte | Result | Reporting<br>Limit | Units | Spike<br>Level | Source<br>Result | %REC | %REC<br>Limits | RPD | RPD<br>Limit | Notes |
|---------|--------|--------------------|-------|----------------|------------------|------|----------------|-----|--------------|-------|
|---------|--------|--------------------|-------|----------------|------------------|------|----------------|-----|--------------|-------|

Batch C000712 - SW 9045C pH

|                          |                    |       |          |                                 |     |  |  |   |   |  |
|--------------------------|--------------------|-------|----------|---------------------------------|-----|--|--|---|---|--|
| Duplicate (C000712-DUP1) | Source: 19B0398-02 |       |          | Prepared & Analyzed: 02/21/2019 |     |  |  |   |   |  |
| pH                       | 7.9                | 0.010 | pH Units |                                 | 7.9 |  |  | 1 | 5 |  |

PDC Laboratories, Inc.

Date: 2/22/2019

LABORATORY RESULTS

Client: Rubino Engineering Inc.

Project: G19.004

Lab Order: 19B0398

Notes and Definitions

- H Analysis performed past holding time.
- \* NELAC certified compound.
- U Analyte not detected (i.e. less than RL or MDL).

State where samples collected

**PHONE # 815-344-4044**

**PHONE # 815-344-4044**

ALL HIGHLIGHTED AREAS MUST BE COMPLETED BY CLIENT (PLEASE PRINT)

|                                                                                                                                                                  |  |                                                                                                                                     |  |                                          |  |                                                                                                                                                                                                                                                                                                                                                             |  |                                                                                          |  |                                                                                             |  |                                                                                                                                                                                                                                                                                                                                                                    |  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-------------------------------------------------------------------------------------------------------------------------------------|--|------------------------------------------|--|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|------------------------------------------------------------------------------------------|--|---------------------------------------------------------------------------------------------|--|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| 1<br>CLIENT<br>RUBINO ENGINEERING, INC.<br>ADDRESS<br>425 SHEPARD DRIVE, ELGIN IL 60123<br>CITY<br>STATE<br>ZIP<br>CONTACT PERSON<br>ANTHONY TOMARAS             |  | PROJECT NUMBER<br>G19.004<br>PHONE NUMBER<br>847-931-1555<br>SAMPLER<br>(PLEASE PRINT)<br>ANTHONY TOMARAS<br>SAMPLER'S<br>SIGNATURE |  | P.O. NUMBER<br>FAX NUMBER                |  | MEANS SHIPPED<br>DATE SHIPPED                                                                                                                                                                                                                                                                                                                               |  | 3<br>ANALYSIS REQUESTED<br>V O C S<br>S V O C S<br>R C R A M E T A L S<br>p H<br>H O L D |  | 4<br>(FOR LAB USE ONLY)<br>LOGIN #<br>LOGGED BY:<br>LAB PROJ. #<br>TEMPLATE:<br>PROJ. MGR.: |  |                                                                                                                                                                                                                                                                                                                                                                    |  |
| 2<br>SAMPLE DESCRIPTION<br>IAS YOU WANT ON REPORT<br>B-03-02<br>B-01-01<br>B-02-01                                                                               |  | DATE COLLECTED<br>2/5/2019<br>2/5/2019<br>2/5/2019                                                                                  |  | TIME COLLECTED<br>12:30<br>8:30<br>10:30 |  | SAMPLE TYPE<br>GRAB<br>X<br>X<br>X                                                                                                                                                                                                                                                                                                                          |  | MATRIX TYPE<br>S<br>S<br>S                                                               |  | BOTTLE COUNT<br>1<br>S<br>S                                                                 |  | REMARKS                                                                                                                                                                                                                                                                                                                                                            |  |
| 5<br>TURNAROUND TIME REQUESTED (PLEASE CIRCLE)<br>(RUSH TAT IS SUBJECT TO POC LABS APPROVAL AND SURCHARGE)<br>RUSH RESULTS VIA (PLEASE CIRCLE)<br>EMAIL ADDRESS: |  | NORMAL<br>RUSH                                                                                                                      |  | DATE RESULTS NEEDED                      |  | 6<br>The sample temperature will be measured upon receipt at the lab. By initialing this area you request that the lab notify you, before proceeding with analysis, if the sample temperature is outside of the range of 0.1-6.0° C. By not initialing this area you allow the lab to proceed with analytical testing regardless of the sample temperature. |  |                                                                                          |  |                                                                                             |  |                                                                                                                                                                                                                                                                                                                                                                    |  |
| 7<br>RELINQUISHED BY: (SIGNATURE)<br>RELINQUISHED BY: (SIGNATURE)<br>RELINQUISHED BY: (SIGNATURE)                                                                |  | DATE<br>1/18/19<br>1/18/19<br>1/18/19                                                                                               |  | TIME<br>12:45<br>12:45<br>12:30          |  | RECEIVED BY: (SIGNATURE)<br>RECEIVED BY: (SIGNATURE)<br>RECEIVED BY: (SIGNATURE)                                                                                                                                                                                                                                                                            |  | DATE<br>2/18/19<br>2-18-18<br>10:50                                                      |  | TIME<br>DATE<br>TIME                                                                        |  | 8<br>COMMENTS: (FOR LAB USE ONLY)<br>SAMPLE TEMPERATURE UPON RECEIPT<br>1.9 °C<br>CHILL PROCESS STARTED PRIOR TO RECEIPT<br>SAMPLE(S) RECEIVED ON ICE<br>PROPER BOTTLES RECEIVED IN GOOD CONDITION<br>BOTTLES FILLED WITH ADEQUATE VOLUME<br>SAMPLES RECEIVED WITHIN HOLD TIME(S)<br>(EXCLUDES TYPICAL FIELD PARAMETERS)<br>DATE AND TIME TAKEN FROM SAMPLE BOTTLE |  |



PDC Laboratories, Inc.

Tuesday, March 5, 2019

Anthony Tomaras  
Rubino Engineering Inc.  
425 Shepard Drive  
Elgin, IL 60123  
TEL: (847) 931-1555  
FAX: (847) 931-1560

RE: G19.004

PDC WO: 19B0505

PDC Laboratories, Inc. received 4 sample(s) on 2/26/2019 for the analyses presented in the following report.

All applicable quality control procedures met method specific acceptance criteria unless otherwise noted.

This report shall not be reproduced, except in full, without the prior written consent of PDC Laboratories, Inc.

If you have any questions, please feel free to contact me at (217) 753-1148.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "Kristen Potter", is written over a light blue horizontal line.

Kristen A. Potter  
Project Manager

**Certifications:** NELAP/NELAC - IL #100323

---

|                               |   |                             |   |                |   |                    |
|-------------------------------|---|-----------------------------|---|----------------|---|--------------------|
| 1210 Capital Airport Drive    | * | Springfield, IL 62707       | * | 1.217.753.1148 | * | 1.217.753.1152 Fax |
| 9114 Virginia Road Suite #112 | * | Lake in the Hills, IL 60156 | * | 1.847.651.2604 | * | 1.847.458.0538 Fax |

PDC Laboratories, Inc.

Date: 3/5/2019

## LABORATORY RESULTS

Client: Rubino Engineering Inc.

Project: G19.004

Lab Order: 19B0505

Client Sample ID: B-04-02

Lab ID: 19B0505-01

Collection Date: 2/6/19 10:05

Matrix: Solid

| Analyses                                 | Result | Limit | Qual | Units    | DF | Date Prepared | Date Analyzed | Method     | Analyst |
|------------------------------------------|--------|-------|------|----------|----|---------------|---------------|------------|---------|
| <b>Conventional Chemistry Parameters</b> |        |       |      |          |    |               |               |            |         |
| *pH                                      | 7.3    | 0.010 | HT   | pH Units | 1  | 2/28/19 9:00  | 2/28/19 12:12 | SW9045C R3 | OPM     |

Client Sample ID: B-05-01

Lab ID: 19B0505-02

Collection Date: 2/6/19 12:00

Matrix: Solid

| Analyses                                 | Result | Limit | Qual | Units    | DF | Date Prepared | Date Analyzed | Method     | Analyst |
|------------------------------------------|--------|-------|------|----------|----|---------------|---------------|------------|---------|
| <b>Conventional Chemistry Parameters</b> |        |       |      |          |    |               |               |            |         |
| *pH                                      | 8.4    | 0.010 | HT   | pH Units | 1  | 2/28/19 9:02  | 2/28/19 12:12 | SW9045C R3 | OPM     |

Client Sample ID: B-06-01

Lab ID: 19B0505-03

Collection Date: 2/1/19 9:00

Matrix: Solid

| Analyses                                 | Result | Limit | Qual | Units    | DF | Date Prepared | Date Analyzed | Method     | Analyst |
|------------------------------------------|--------|-------|------|----------|----|---------------|---------------|------------|---------|
| <b>Conventional Chemistry Parameters</b> |        |       |      |          |    |               |               |            |         |
| *pH                                      | 8.2    | 0.010 | HT   | pH Units | 1  | 2/28/19 9:02  | 2/28/19 12:12 | SW9045C R3 | OPM     |

Client Sample ID: B-07-01

Lab ID: 19B0505-04

Collection Date: 2/1/19 12:00

Matrix: Solid

| Analyses                                 | Result | Limit | Qual | Units    | DF | Date Prepared | Date Analyzed | Method     | Analyst |
|------------------------------------------|--------|-------|------|----------|----|---------------|---------------|------------|---------|
| <b>Conventional Chemistry Parameters</b> |        |       |      |          |    |               |               |            |         |
| *pH                                      | 8.0    | 0.010 | HT   | pH Units | 1  | 2/28/19 9:02  | 2/28/19 12:12 | SW9045C R3 | OPM     |



PDC Laboratories, Inc.

Date: 3/5/2019

LABORATORY RESULTS

Client: Rubino Engineering Inc.  
Project: G19.004 Lab Order: 19B0505

Conventional Chemistry Parameters - Quality Control

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|

Batch C000807 - SW 9045C pH

|                          |     |                    |          |                                |     |  |  |   |   |  |
|--------------------------|-----|--------------------|----------|--------------------------------|-----|--|--|---|---|--|
| Duplicate (C000807-DUP1) |     | Source: 19B0484-06 |          | Prepared & Analyzed: 02/28/201 |     |  |  |   |   |  |
| pH                       | 8.3 | 0.010              | pH Units |                                | 8.4 |  |  | 1 | 5 |  |

Batch C000808 - SW 9045C pH

|                          |     |                    |          |                                |     |  |  |     |   |  |
|--------------------------|-----|--------------------|----------|--------------------------------|-----|--|--|-----|---|--|
| Duplicate (C000808-DUP1) |     | Source: 19B0505-04 |          | Prepared & Analyzed: 02/28/201 |     |  |  |     |   |  |
| pH                       | 8.0 | 0.010              | pH Units |                                | 8.0 |  |  | 0.5 | 5 |  |

PDC Laboratories, Inc.

Date: 3/5/2019

LABORATORY RESULTS

Client: Rubino Engineering Inc.  
Project: G19.004

Lab Order: 19B0505

Notes and Definitions

- HT Sample received and/or analysis requested past holding time.
- \* NELAC certified compound.
- U Analyte not detected (i.e. less than RL or MDL).



**APPENDIX A.4 – ERIS DATABASE REPORT**



# DATABASE REPORT

**Project Property:** *Glen Ellyn Parking Garage  
541 Duane St  
Glen Ellyn IL 60137*

**Project No:**

**Report Type:** *Screen Report Plus*

**Order No:** *20190213082*

**Requested by:** *Bluff City Materials, Inc*

**Date Completed:** *February 13, 2019*

**Environmental Risk Information Services**

A division of Glacier Media Inc.

1.866.517.5204 | [info@erisinfo.com](mailto:info@erisinfo.com) | [erisinfo.com](http://erisinfo.com)



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### **Notice: IMPORTANT LIMITATIONS and YOUR LIABILITY**

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## Executive Summary

### Property Information:

**Project Property:** *Glen Ellyn Parking Garage  
541 Duane St Glen Ellyn IL 60137*

**Project No:**

**Coordinates:**

**Latitude:** *41.874765*  
**Longitude:** *-88.065642*  
**UTM Northing:** *4,636,420.63*  
**UTM Easting:** *411,572.70*  
**UTM Zone:** *UTM Zone 16T*

**Elevation:** *762 FT*

### Order Information:

**Order No:** *20190213082*  
**Date Requested:** *February 13, 2019*  
**Requested by:** *Bluff City Materials, Inc*  
**Report Type:** *Screen Report Plus*

### Historicals/Products:

**ERIS Xplorer** [\*ERIS Xplorer\*](#)  
**Excel Add-On** *Excel Add-On*

## Executive Summary: Report Summary

| <i>Database</i>                              | <i>Searched</i> | <i>Project<br/>Property</i> | <i>Within<br/>0.250mi</i> | <i>Total</i> |
|----------------------------------------------|-----------------|-----------------------------|---------------------------|--------------|
| <b><u>Standard Environmental Records</u></b> |                 |                             |                           |              |
| <b>Federal</b>                               |                 |                             |                           |              |
| NPL                                          | Y               | 0                           | 0                         | 0            |
| PROPOSED NPL                                 | Y               | 0                           | 0                         | 0            |
| DELETED NPL                                  | Y               | 0                           | 0                         | 0            |
| SEMS                                         | Y               | 0                           | 0                         | 0            |
| ODI                                          | Y               | 0                           | 0                         | 0            |
| SEMS ARCHIVE                                 | Y               | 0                           | 0                         | 0            |
| CERCLIS                                      | Y               | 0                           | 0                         | 0            |
| IODI                                         | Y               | 0                           | 0                         | 0            |
| CERCLIS NFRAP                                | Y               | 0                           | 0                         | 0            |
| CERCLIS LIENS                                | Y               | 0                           | 0                         | 0            |
| RCRA CORRACTS                                | Y               | 0                           | 0                         | 0            |
| RCRA TSD                                     | Y               | 0                           | 0                         | 0            |
| RCRA LQG                                     | Y               | 0                           | 0                         | 0            |
| RCRA SQG                                     | Y               | 0                           | 5                         | 5            |
| RCRA CESQG                                   | Y               | 0                           | 1                         | 1            |
| RCRA NON GEN                                 | Y               | 0                           | 2                         | 2            |
| FED ENG                                      | Y               | 0                           | 0                         | 0            |
| FED INST                                     | Y               | 0                           | 0                         | 0            |
| ERNS 1982 TO 1986                            | Y               | 0                           | 0                         | 0            |
| ERNS 1987 TO 1989                            | Y               | 0                           | 0                         | 0            |
| ERNS                                         | Y               | 0                           | 3                         | 3            |
| FED BROWNFIELDS                              | Y               | 0                           | 0                         | 0            |
| FEMA UST                                     | Y               | 0                           | 0                         | 0            |
| SEMS LIEN                                    | Y               | 0                           | 0                         | 0            |
| SUPERFUND ROD                                | Y               | 0                           | 0                         | 0            |

**State**

| <i>Database</i>                                | <i>Searched</i> | <i>Project<br/>Property</i> | <i>Within<br/>0.250mi</i> | <i>Total</i> |
|------------------------------------------------|-----------------|-----------------------------|---------------------------|--------------|
| SSU                                            | Y               | 0                           | 0                         | 0            |
| DELISTED SSU                                   | Y               | 0                           | 0                         | 0            |
| SWF/LF                                         | Y               | 0                           | 0                         | 0            |
| SWF/LF SPECIAL                                 | Y               | 0                           | 0                         | 0            |
| NIPC                                           | Y               | 0                           | 0                         | 0            |
| CCDD                                           | Y               | 0                           | 0                         | 0            |
| LUST                                           | Y               | 0                           | 7                         | 7            |
| DELISTED LUST                                  | Y               | 0                           | 0                         | 0            |
| LUST TRUST                                     | Y               | 0                           | 0                         | 0            |
| UST                                            | Y               | 0                           | 11                        | 11           |
| AST                                            | Y               | 0                           | 0                         | 0            |
| DELISTED TANK                                  | Y               | 0                           | 0                         | 0            |
| ENG                                            | Y               | 0                           | 0                         | 0            |
| INST                                           | Y               | 0                           | 1                         | 1            |
| SRP                                            | Y               | 0                           | 2                         | 2            |
| BROWNFIELDS                                    | Y               | 0                           | 0                         | 0            |
| BROWN MBRGP                                    | Y               | 0                           | 1                         | 1            |
| <b>Tribal</b>                                  |                 |                             |                           |              |
| INDIAN LUST                                    | Y               | 0                           | 0                         | 0            |
| INDIAN UST                                     | Y               | 0                           | 0                         | 0            |
| DELISTED ILST                                  | Y               | 0                           | 0                         | 0            |
| DELISTED IUST                                  | Y               | 0                           | 0                         | 0            |
| <b>County</b>                                  |                 |                             |                           |              |
| TANKS CHICAGO                                  | Y               | 0                           | 0                         | 0            |
| PERMITS CHICAGO                                | Y               | 0                           | 0                         | 0            |
| <b><u>Additional Environmental Records</u></b> |                 |                             |                           |              |
| <b>Federal</b>                                 |                 |                             |                           |              |
| FINDS/FRS                                      | Y               | 0                           | 21                        | 21           |
| TRIS                                           | Y               | 0                           | 0                         | 0            |
| HMIRS                                          | Y               | 0                           | 0                         | 0            |
| NCDL                                           | Y               | 0                           | 0                         | 0            |
| TSCA                                           | Y               | 0                           | 0                         | 0            |
| HIST TSCA                                      | Y               | 0                           | 0                         | 0            |
| FTTS ADMIN                                     | Y               | 0                           | 0                         | 0            |
| FTTS INSP                                      | Y               | 0                           | 0                         | 0            |
| PRP                                            | Y               | 0                           | 0                         | 0            |
| SCRD DRYCLEANER                                | Y               | 0                           | 0                         | 0            |
| ICIS                                           | Y               | 0                           | 0                         | 0            |

| <i>Database</i>  | <i>Searched</i> | <i>Project<br/>Property</i> | <i>Within<br/>0.250mi</i> | <i>Total</i> |
|------------------|-----------------|-----------------------------|---------------------------|--------------|
| FED DRYCLEANERS  | Y               | 0                           | 1                         | 1            |
| DELISTED FED DRY | Y               | 0                           | 0                         | 0            |
| FUDS             | Y               | 0                           | 0                         | 0            |
| MLTS             | Y               | 0                           | 0                         | 0            |
| HIST MLTS        | Y               | 0                           | 0                         | 0            |
| MINES            | Y               | 0                           | 0                         | 0            |
| ALT FUELS        | Y               | 0                           | 1                         | 1            |
| SSTS             | Y               | 0                           | 0                         | 0            |
| PCB              | Y               | 0                           | 0                         | 0            |

**State**

|                      |   |   |    |    |
|----------------------|---|---|----|----|
| SPILLS               | Y | 0 | 11 | 11 |
| SPILLS2              | Y | 0 | 1  | 1  |
| DRYCLEANERS          | Y | 0 | 1  | 1  |
| TIER 2               | Y | 0 | 0  | 0  |
| DELISTED DRYCLEANERS | Y | 0 | 0  | 0  |
| CDL                  | Y | 0 | 0  | 0  |

**Tribal**

*No Tribal additional environmental record sources available for this State.*

**County**

*No County additional environmental record sources available for this State.*

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|               |   |    |    |
|---------------|---|----|----|
| <b>Total:</b> | 0 | 69 | 69 |
|---------------|---|----|----|



Executive Summary: Site Report Summary - Project Property

| <i>Map<br/>Key</i> | <i>DB</i> | <i>Company/Site Name</i> | <i>Address</i> | <i>Direction</i> | <i>Distance<br/>(mi/ft)</i> | <i>Elev Diff<br/>(ft)</i> | <i>Page<br/>Number</i> |
|--------------------|-----------|--------------------------|----------------|------------------|-----------------------------|---------------------------|------------------------|
|--------------------|-----------|--------------------------|----------------|------------------|-----------------------------|---------------------------|------------------------|

No records found in the selected databases for the project property.

## Executive Summary: Site Report Summary - Surrounding Properties

| Map Key                                                                                                                    | DB             | Company/Site Name           | Address                                    | Direction | Distance (mi/ft) | Elev Diff (ft) | Page Number        |
|----------------------------------------------------------------------------------------------------------------------------|----------------|-----------------------------|--------------------------------------------|-----------|------------------|----------------|--------------------|
| <a href="#">1</a>                                                                                                          | FINDS/FRS      | WHARTON, DALE               | 532 HILLSIDE AVE<br>GLEN ELLYN IL 60137    | S         | 0.05 /<br>244.34 | 0              | <a href="#">26</a> |
| <a href="#">1</a>                                                                                                          | LUST           | Wharton, Dale               | 532 Hillside Ave.<br>Glen Ellyn IL 60137   | S         | 0.05 /<br>244.34 | 0              | <a href="#">26</a> |
| <b>Incident No   Incidents ID   NFR Date:</b> 911591   10887   11/16/1992                                                  |                |                             |                                            |           |                  |                |                    |
| <a href="#">1</a>                                                                                                          | SPILLS         | DALE WHARTON                | 532 HILLSIDE AVE.<br>GLEN ELLYN IL         | S         | 0.05 /<br>244.34 | 0              | <a href="#">27</a> |
| <b>Incident No:</b> 911591                                                                                                 |                |                             |                                            |           |                  |                |                    |
| <a href="#">1</a>                                                                                                          | UST            | Closed                      | 532 Hillside Avenue<br>Glen Ellyn IL 60137 | S         | 0.05 /<br>244.34 | 0              | <a href="#">28</a> |
| <b>Facility No   Facility Status:</b> 2029349   Du Page<br><b>Tank No   Status   Removed Date:</b> 1   Abandoned in place  |                |                             |                                            |           |                  |                |                    |
| <a href="#">2</a>                                                                                                          | UST            | Exempt                      | 427 Main Street<br>Glen Ellyn IL 60137     | WNW       | 0.05 /<br>288.98 | 2              | <a href="#">29</a> |
| <b>Facility No   Facility Status:</b> 2044939   Du Page<br><b>Tank No   Status   Removed Date:</b> 1   Removed   8/17/2011 |                |                             |                                            |           |                  |                |                    |
| <a href="#">3</a>                                                                                                          | BROWN<br>MBRGP | Main Street Parking Lot     | 420 Main St.<br>Glen Ellyn IL              | W         | 0.06 /<br>294.90 | 3              | <a href="#">29</a> |
| <a href="#">3</a>                                                                                                          | SRP            | Glen Ellyn, Village of      | 420 Main Street<br>Glen Ellyn IL 60137     | W         | 0.06 /<br>294.90 | 3              | <a href="#">29</a> |
| <a href="#">4</a>                                                                                                          | SPILLS         | UNKNOWN                     | 546 DUANE STREET<br>GLEN ELLYN IL          | NNE       | 0.06 /<br>298.33 | -11            | <a href="#">30</a> |
| <b>Incident No:</b> 960789                                                                                                 |                |                             |                                            |           |                  |                |                    |
| <a href="#">5</a>                                                                                                          | FINDS/FRS      | 401-405 N MAIN              | 401-405 N MAIN<br>GLEN ELLYN IL 60612      | SW        | 0.07 /<br>348.58 | 6              | <a href="#">31</a> |
| <a href="#">6</a>                                                                                                          | SPILLS         | Unknown                     | Main St and Duane St<br>Glen Ellyn IL      | NW        | 0.07 /<br>392.19 | -8             | <a href="#">32</a> |
| <b>Incident No:</b> H-2010-1114                                                                                            |                |                             |                                            |           |                  |                |                    |
| <a href="#">6</a>                                                                                                          | SPILLS2        | UNION PACIFIC RR            | MAIN ST & DUANE ST<br>GLEN ELLYN IL        | NW        | 0.07 /<br>392.19 | -8             | <a href="#">33</a> |
| <b>Incident ID   Incident Lust:</b> 20101114   N                                                                           |                |                             |                                            |           |                  |                |                    |
| <a href="#">7</a>                                                                                                          | LUST           | St. Mark's Episcopal Church | 393 North Main St.<br>Glen Ellyn IL 60137  | SSW       | 0.10 /<br>511.89 | 9              | <a href="#">33</a> |
| <b>Incident No   Incidents ID   NFR Date:</b> 20012048   2116   04/29/2002                                                 |                |                             |                                            |           |                  |                |                    |

| Map Key                   | DB                 | Company/Site Name                            | Address                                                                                                                                                                 | Direction | Distance (mi/ft) | Elev Diff (ft) | Page Number               |
|---------------------------|--------------------|----------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|------------------|----------------|---------------------------|
| <a href="#"><u>7</u></a>  | SPILLS             | #3                                           | 393 N. MAIN ST.<br>GLEN ELLYN IL<br><i>Incident No:</i> H 2001 2048                                                                                                     | SSW       | 0.10 /<br>511.89 | 9              | <a href="#"><u>34</u></a> |
| <a href="#"><u>7</u></a>  | UST                | Exempt                                       | 393 N Main Street<br>Glen Ellyn IL 60137<br><i>Facility No   Facility Status:</i> 2040744   Du Page<br><i>Tank No   Status   Removed Date:</i> 1   Removed   12/14/2001 | SSW       | 0.10 /<br>511.89 | 9              | <a href="#"><u>35</u></a> |
| <a href="#"><u>8</u></a>  | FINDS/FRS          | 542 CRESCENT                                 | 542 CRESCENT<br>GLEN ELLYN IL 60137                                                                                                                                     | N         | 0.12 /<br>657.09 | -23            | <a href="#"><u>35</u></a> |
| <a href="#"><u>9</u></a>  | ERNS               |                                              | 551 CRESCENT BLVD<br>GLEN ELLYN IL                                                                                                                                      | NNE       | 0.14 /<br>719.93 | -23            | <a href="#"><u>36</u></a> |
| <a href="#"><u>9</u></a>  | ERNS               |                                              | 551 CRESCENT BLVD<br>GLEN ELLEN IL                                                                                                                                      | NNE       | 0.14 /<br>719.93 | -23            | <a href="#"><u>38</u></a> |
| <a href="#"><u>10</u></a> | ALT<br>FUELS       | CRESCENT LOT                                 | 505 Crescent Blvd<br>Glen Ellyn IL 60137                                                                                                                                | NNW       | 0.14 /<br>739.15 | -24            | <a href="#"><u>41</u></a> |
| <a href="#"><u>11</u></a> | FED<br>DRYCLEANERS | IRVING'S NUWAY<br>LAUNDRY & CLEANERS,<br>INC | 496 CRESCENT BLVD<br>GLEN ELLYN IL 60137                                                                                                                                | NW        | 0.15 /<br>816.53 | -24            | <a href="#"><u>41</u></a> |
| <a href="#"><u>11</u></a> | FINDS/FRS          | IRVING'S NUWAY<br>LAUNDRY & CLEANERS,<br>INC | 496 CRESCENT BLVD<br>GLEN ELLYN IL 60137                                                                                                                                | NW        | 0.15 /<br>816.53 | -24            | <a href="#"><u>41</u></a> |
| <a href="#"><u>11</u></a> | SPILLS             | MARBURY CLEANERS                             | 496 Cresent Blvd.<br>GLEN ELLYN IL<br><i>Incident No:</i> 890093                                                                                                        | NW        | 0.15 /<br>816.53 | -24            | <a href="#"><u>42</u></a> |
| <a href="#"><u>12</u></a> | FINDS/FRS          | SHERWIN-WILLIAMS CO<br>THE                   | 479 MAIN ST<br>GLEN ELLYN IL 60137                                                                                                                                      | NNW       | 0.16 /<br>833.66 | -26            | <a href="#"><u>43</u></a> |
| <a href="#"><u>12</u></a> | RCRA<br>NON GEN    | SHERWIN-WILLIAMS CO<br>THE                   | 479 MAIN ST<br>GLEN ELLYN IL 60137                                                                                                                                      | NNW       | 0.16 /<br>833.66 | -26            | <a href="#"><u>44</u></a> |
| <a href="#"><u>13</u></a> | FINDS/FRS          | GEARHEAD AUTO<br>REPAIR INC                  | 474 FOREST AVE<br>GLEN ELLYN IL 60137                                                                                                                                   | NNE       | 0.16 /<br>860.16 | -27            | <a href="#"><u>47</u></a> |
| <a href="#"><u>13</u></a> | RCRA<br>SQG        | GEARHEAD AUTO<br>REPAIR INC                  | 474 FOREST AVE<br>GLEN ELLYN IL 60137                                                                                                                                   | NNE       | 0.16 /<br>860.16 | -27            | <a href="#"><u>47</u></a> |

| Map Key            | DB              | Company/Site Name        | Address                                                                 | Direction | Distance (mi/ft)   | Elev Diff (ft) | Page Number        |
|--------------------|-----------------|--------------------------|-------------------------------------------------------------------------|-----------|--------------------|----------------|--------------------|
| <a href="#">14</a> | FINDS/FRS       | 480 N MAIN               | 480 N MAIN<br>GLEN ELLYN IL 60137                                       | NNW       | 0.17 /<br>882.47   | -25            | <a href="#">49</a> |
| <a href="#">15</a> | FINDS/FRS       | GLENBARD FAMILY PRACTICE | 444 PARK BLVD<br>GLEN ELLYN IL 60137-4622                               | ENE       | 0.17 /<br>922.62   | -10            | <a href="#">50</a> |
| <a href="#">15</a> | RCRA<br>NON GEN | GLENBARD FAMILY PRACTICE | 444 PARK BLVD<br>GLEN ELLYN IL 60137                                    | ENE       | 0.17 /<br>922.62   | -10            | <a href="#">50</a> |
| <a href="#">16</a> | FINDS/FRS       | FANTASY AMUSEMENT CO     | CRESCENT & GLENWOOD<br>GLEN ELLYN IL 60137                              | NW        | 0.18 /<br>962.02   | -20            | <a href="#">52</a> |
| <a href="#">16</a> | SPILLS          | FANTASY AMUSEMENT        | CRESCENT & GLENWOOD AVE.<br>GLEN ELLYN IL<br><b>Incident No:</b> 960833 | NW        | 0.18 /<br>962.02   | -20            | <a href="#">53</a> |
| <a href="#">17</a> | DRYCLEANERS     | PARK AVE CLEANERS        | 462 NORTH PARK BLVD STE #110<br>GLEN ELLYN IL 60137                     | NE        | 0.18 /<br>968.59   | -14            | <a href="#">54</a> |
| <a href="#">17</a> | FINDS/FRS       | PARK AVE CLEANERS        | 462 N PARK BLVD<br>GLEN ELLYN IL 60137                                  | NE        | 0.18 /<br>968.59   | -14            | <a href="#">54</a> |
| <a href="#">17</a> | INST            | Park Avenue Cleaners     | 462 North Park Boulevard<br>Glen Ellyn IL 60137                         | NE        | 0.18 /<br>968.59   | -14            | <a href="#">55</a> |
| <a href="#">17</a> | RCRA<br>SQG     | PARK AVE CLEANERS        | 462 N PARK BLVD<br>GLEN ELLYN IL 60137                                  | NE        | 0.18 /<br>968.59   | -14            | <a href="#">56</a> |
| <a href="#">17</a> | SRP             | Park Avenue Cleaners     | 462 North Park Boulevard<br>Glen Ellyn IL 60137                         | NE        | 0.18 /<br>968.59   | -14            | <a href="#">57</a> |
| <a href="#">18</a> | FINDS/FRS       | GRACE LUTHERAN CHURCH    | 493 FOREST AVE<br>GLEN ELLYN IL 60137                                   | N         | 0.19 /<br>1,002.05 | -31            | <a href="#">58</a> |
| <a href="#">19</a> | FINDS/FRS       | J & C CENTRAL INC        | 586 CRESCENT BLVD<br>GLEN ELLYN IL 60137                                | NE        | 0.19 /<br>1,027.29 | -19            | <a href="#">59</a> |
| <a href="#">19</a> | FINDS/FRS       | J AND C UNOCAL 76        | 586 CRESCENT BLVD<br>GLEN ELLYN IL 60137                                | NE        | 0.19 /<br>1,027.29 | -19            | <a href="#">59</a> |

| Map Key                                                                                                                                                                                                  | DB          | Company/Site Name                | Address                                     | Direction | Distance (mi/ft)   | Elev Diff (ft) | Page Number        |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|----------------------------------|---------------------------------------------|-----------|--------------------|----------------|--------------------|
| <a href="#">19</a>                                                                                                                                                                                       | LUST        | J & C Central, Inc.              | 586 Crescent Blvd.<br>Glen Ellyn IL 60137   | NE        | 0.19 /<br>1,027.29 | -19            | <a href="#">60</a> |
| <b>Incident No   Incidents ID   NFR Date:</b> 20010797   1636   12/03/2001                                                                                                                               |             |                                  |                                             |           |                    |                |                    |
| <a href="#">19</a>                                                                                                                                                                                       | RCRA<br>SQG | J AND C UNOCAL 76                | 586 CRESCENT BLVD<br>GLEN ELLYN IL 60137    | NE        | 0.19 /<br>1,027.29 | -19            | <a href="#">61</a> |
| <a href="#">19</a>                                                                                                                                                                                       | SPILLS      | J & C CENTRAL, INC.              | 586 CRESCENT BLVD.<br>GLEN ELLYN IL         | NE        | 0.19 /<br>1,027.29 | -19            | <a href="#">62</a> |
| <b>Incident No:</b> H 2001 0797                                                                                                                                                                          |             |                                  |                                             |           |                    |                |                    |
| <a href="#">19</a>                                                                                                                                                                                       | UST         | Closed                           | 586 Crescent Blvd.<br>Glen Ellyn IL 60137   | NE        | 0.19 /<br>1,027.29 | -19            | <a href="#">63</a> |
| <b>Facility No   Facility Status:</b> 2010513   Du Page<br><b>Tank No   Status   Removed Date:</b> 1   Removed   2/16/1999, 4   Removed   5/22/2001, 3  <br>Removed   5/22/2001, 2   Removed   2/16/1999 |             |                                  |                                             |           |                    |                |                    |
| <a href="#">20</a>                                                                                                                                                                                       | UST         | Closed                           | 469 Crescent Blvd<br>Glen Ellyn IL 60137    | NW        | 0.19 /<br>1,029.34 | -22            | <a href="#">65</a> |
| <b>Facility No   Facility Status:</b> 2013054   Du Page<br><b>Tank No   Status   Removed Date:</b> 2   Removed   1/1/1990, 1   Removed   1/1/1990                                                        |             |                                  |                                             |           |                    |                |                    |
| <a href="#">21</a>                                                                                                                                                                                       | FINDS/FRS   | GLEN ELLYN, VILLAGE<br>OF        | 535 DUANE ST<br>GLEN ELLYN IL 60137-4699    | ENE       | 0.20 /<br>1,073.01 | -5             | <a href="#">66</a> |
| <a href="#">21</a>                                                                                                                                                                                       | LUST        | Glen Ellyn, Village of           | 535 Duane St.<br>Glen Ellyn IL 60137        | ENE       | 0.20 /<br>1,073.01 | -5             | <a href="#">67</a> |
| <b>Incident No   Incidents ID   NFR Date:</b> 903141   9379   05/23/1996                                                                                                                                 |             |                                  |                                             |           |                    |                |                    |
| <a href="#">21</a>                                                                                                                                                                                       | LUST        | Glen Ellyn, Village of           | 535 Duane St.<br>Glen Ellyn IL 60137        | ENE       | 0.20 /<br>1,073.01 | -5             | <a href="#">67</a> |
| <b>Incident No   Incidents ID   NFR Date:</b> 900921   8012   01/22/2008                                                                                                                                 |             |                                  |                                             |           |                    |                |                    |
| <a href="#">21</a>                                                                                                                                                                                       | RCRA<br>SQG | GLEN ELLYN VILLAGE<br>OF         | 535 DUANE ST<br>GLEN ELLYN IL 60137         | ENE       | 0.20 /<br>1,073.01 | -5             | <a href="#">68</a> |
| <a href="#">21</a>                                                                                                                                                                                       | SPILLS      | GLEN ELLYN, VILLAGE<br>OF        | 535 DUANE ST.<br>GLEN ELLYN IL              | ENE       | 0.20 /<br>1,073.01 | -5             | <a href="#">69</a> |
| <b>Incident No:</b> 903141                                                                                                                                                                               |             |                                  |                                             |           |                    |                |                    |
| <a href="#">21</a>                                                                                                                                                                                       | SPILLS      | GLEN ELLYN PUBLIC<br>WORKS DEPT. | 535 DUANE ST.<br>GLEN ELLYN IL              | ENE       | 0.20 /<br>1,073.01 | -5             | <a href="#">70</a> |
| <b>Incident No:</b> 900921                                                                                                                                                                               |             |                                  |                                             |           |                    |                |                    |
| <a href="#">21</a>                                                                                                                                                                                       | UST         | Closed                           | 535 Duane Ave<br>Glen Ellyn IL 60137        | ENE       | 0.20 /<br>1,073.01 | -5             | <a href="#">71</a> |
| <b>Facility No   Facility Status:</b> 2025812   Du Page<br><b>Tank No   Status   Removed Date:</b> 1   Removed   10/24/1990                                                                              |             |                                  |                                             |           |                    |                |                    |
| <a href="#">22</a>                                                                                                                                                                                       | UST         | Exempt                           | 534 Pennsylvania Ave<br>Glen Ellyn IL 60137 | N         | 0.20 /<br>1,078.80 | -25            | <a href="#">71</a> |
| <b>Facility No   Facility Status:</b> 2045820   Du Page<br><b>Tank No   Status   Removed Date:</b> 2   Removed   8/11/2015, 1   Removed   8/11/2015                                                      |             |                                  |                                             |           |                    |                |                    |



| Map Key            | DB            | Company/Site Name              | Address                                                                                                                                                                                                                                                                          | Direction | Distance (mi/ft)   | Elev Diff (ft) | Page Number        |
|--------------------|---------------|--------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|--------------------|----------------|--------------------|
| <a href="#">23</a> | FINDS/FRS     | 466 PHILLIPS                   | 466 PHILLIPS<br>GLEN ELLYN IL 60195                                                                                                                                                                                                                                              | WSW       | 0.21 /<br>1,121.27 | 9              | <a href="#">72</a> |
| <a href="#">24</a> | ERNS          |                                | PARK BLVD. & CRESCENT<br>BLVD.<br>GLEN ELLYN IL                                                                                                                                                                                                                                  | NE        | 0.21 /<br>1,122.18 | -21            | <a href="#">73</a> |
| <a href="#">25</a> | FINDS/FRS     |                                | 494 PENNSYLVANIA ST.<br>GLEN ELLYN IL 60137                                                                                                                                                                                                                                      | NNW       | 0.21 /<br>1,132.86 | -14            | <a href="#">76</a> |
| <a href="#">26</a> | FINDS/FRS     | 490 PENNSYLVANIA               | 490 PENNSYLVANIA<br>GLEN ELLYN IL 60137                                                                                                                                                                                                                                          | NW        | 0.22 /<br>1,151.52 | -12            | <a href="#">76</a> |
| <a href="#">26</a> | UST           | Exempt                         | 490 Pennsylvania Avenue<br>Glen Ellyn IL 60137<br><br><b>Facility No   Facility Status:</b> 2042669   Du Page<br><b>Tank No   Status   Removed Date:</b> 1   Removed   2/17/2005                                                                                                 | NW        | 0.22 /<br>1,151.52 | -12            | <a href="#">77</a> |
| <a href="#">27</a> | FINDS/FRS     | OAK BROOK BANK                 | 487 PENNSYLVANIA<br>GLEN ELLYN IL 60137                                                                                                                                                                                                                                          | NW        | 0.22 /<br>1,160.36 | -10            | <a href="#">78</a> |
| <a href="#">27</a> | UST           | Exempt                         | 487 Pennsylvania<br>Glen Ellyn IL 60137<br><br><b>Facility No   Facility Status:</b> 2035234   Du Page<br><b>Tank No   Status   Removed Date:</b> 1   Pre 1974   , 3   Pre 1974   , 4   Removed   6/3/1998, 2   Pre 1974                                                         | NW        | 0.22 /<br>1,160.36 | -10            | <a href="#">78</a> |
| <a href="#">28</a> | FINDS/FRS     | SPILLMAN & WATYLA<br>INSURANCE | 568 PENNSYLVANIA<br>GLEN ELLYN IL 60137                                                                                                                                                                                                                                          | NNE       | 0.24 /<br>1,243.63 | -33            | <a href="#">80</a> |
| <a href="#">29</a> | FINDS/FRS     | J AND R AUTO RPR               | 574 PENNSYLVANIA<br>GLEN ELLYN IL 60137                                                                                                                                                                                                                                          | NNE       | 0.24 /<br>1,266.04 | -33            | <a href="#">81</a> |
| <a href="#">29</a> | LUST          | J & R Auto Repair              | 574 Pennsylvania<br>Glen Ellyn IL 60137<br><br><b>Incident No   Incidents ID   NFR Date:</b> 990378   23224   12/09/2004                                                                                                                                                         | NNE       | 0.24 /<br>1,266.04 | -33            | <a href="#">81</a> |
| <a href="#">29</a> | RCRA<br>CESQG | J AND R AUTO RPR               | 574 PENNSYLVANIA<br>GLEN ELLYN IL 60137                                                                                                                                                                                                                                          | NNE       | 0.24 /<br>1,266.04 | -33            | <a href="#">82</a> |
| <a href="#">29</a> | SPILLS        | J & R AUTO REPAIR              | 574 PENNSYLVANIA<br>GLEN ELLYN IL<br><br><b>Incident No:</b> 990378                                                                                                                                                                                                              | NNE       | 0.24 /<br>1,266.04 | -33            | <a href="#">83</a> |
| <a href="#">29</a> | UST           | Closed                         | 574 Pennsylvania<br>Glen Ellyn IL 60137<br><br><b>Facility No   Facility Status:</b> 2015726   Du Page<br><b>Tank No   Status   Removed Date:</b> 5   Removed   2/17/1999, 4   Removed   2/17/1999, 2  <br>Removed   2/17/1999, 3   Removed   2/17/1999, 1   Removed   2/17/1999 | NNE       | 0.24 /<br>1,266.04 | -33            | <a href="#">84</a> |

| Map Key            | DB          | Company/Site Name       | Address                                                                                                                                                         | Direction | Distance (mi/ft)   | Elev Diff (ft) | Page Number        |
|--------------------|-------------|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|--------------------|----------------|--------------------|
| <a href="#">30</a> | FINDS/FRS   | J&S CLEANERS            | 471 PENNSYLVANIA AVE<br>GLEN ELLYN IL 60137                                                                                                                     | NW        | 0.24 /<br>1,279.43 | -7             | <a href="#">86</a> |
| <a href="#">30</a> | RCRA<br>SQG | J AND S CLEANERS        | 471 PENNSYLVANIA AVE<br>GLEN ELLYN IL 60137                                                                                                                     | NW        | 0.24 /<br>1,279.43 | -7             | <a href="#">87</a> |
| <a href="#">31</a> | LUST        | Tuinenga, James & Janet | 443 Duane Street<br>Glen Ellyn IL 60137<br><i>Incident No   Incidents ID   NFR Date: 20070710   5116   10/23/2007</i>                                           | WNW       | 0.25 /<br>1,310.61 | -13            | <a href="#">89</a> |
| <a href="#">31</a> | SPILLS      | James & Janet Tuinenga  | 443 Duane St<br>Glen Ellyn IL<br><i>Incident No: H-2007-0710</i>                                                                                                | WNW       | 0.25 /<br>1,310.61 | -13            | <a href="#">89</a> |
| <a href="#">31</a> | UST         | Exempt                  | 443 Duane Street<br>Glen Ellyn IL 60137<br><i>Facility No   Facility Status: 2043640   Du Page<br/>Tank No   Status   Removed Date: 1   Removed   5/24/2007</i> | WNW       | 0.25 /<br>1,310.61 | -13            | <a href="#">90</a> |

## Executive Summary: Summary by Data Source

### Standard

#### Federal

#### **RCRA SQG - RCRA Small Quantity Generators List**

A search of the RCRA SQG database, dated Dec 17, 2018 has found that there are 5 RCRA SQG site(s) within approximately 0.25 miles of the project property.

| <u>Lower Elevation</u>   | <u>Address</u>                              | <u>Direction</u> | <u>Distance (mi/ft)</u> | <u>Map Key</u>            |
|--------------------------|---------------------------------------------|------------------|-------------------------|---------------------------|
| GEARHEAD AUTO REPAIR INC | 474 FOREST AVE<br>GLEN ELLYN IL 60137       | NNE              | 0.16 / 860.16           | <a href="#"><u>13</u></a> |
| PARK AVE CLEANERS        | 462 N PARK BLVD<br>GLEN ELLYN IL 60137      | NE               | 0.18 / 968.59           | <a href="#"><u>17</u></a> |
| J AND C UNOCAL 76        | 586 CRESCENT BLVD<br>GLEN ELLYN IL 60137    | NE               | 0.19 / 1,027.29         | <a href="#"><u>19</u></a> |
| GLEN ELLYN VILLAGE OF    | 535 DUANE ST<br>GLEN ELLYN IL 60137         | ENE              | 0.20 / 1,073.01         | <a href="#"><u>21</u></a> |
| J AND S CLEANERS         | 471 PENNSYLVANIA AVE<br>GLEN ELLYN IL 60137 | NW               | 0.24 / 1,279.43         | <a href="#"><u>30</u></a> |

#### **RCRA CESQG - RCRA Conditionally Exempt Small Quantity Generators List**

A search of the RCRA CESQG database, dated Dec 17, 2018 has found that there are 1 RCRA CESQG site(s) within approximately 0.25 miles of the project property.

| <u>Lower Elevation</u> | <u>Address</u>                          | <u>Direction</u> | <u>Distance (mi/ft)</u> | <u>Map Key</u>            |
|------------------------|-----------------------------------------|------------------|-------------------------|---------------------------|
| J AND R AUTO RPR       | 574 PENNSYLVANIA<br>GLEN ELLYN IL 60137 | NNE              | 0.24 / 1,266.04         | <a href="#"><u>29</u></a> |

#### **RCRA NON GEN - RCRA Non-Generators**

A search of the RCRA NON GEN database, dated Dec 17, 2018 has found that there are 2 RCRA NON GEN site(s) within approximately 0.25 miles of the project property.

| <u>Lower Elevation</u>   | <u>Address</u>                       | <u>Direction</u> | <u>Distance (mi/ft)</u> | <u>Map Key</u>     |
|--------------------------|--------------------------------------|------------------|-------------------------|--------------------|
| SHERWIN-WILLIAMS CO THE  | 479 MAIN ST<br>GLEN ELLYN IL 60137   | NNW              | 0.16 / 833.66           | <a href="#">12</a> |
| GLENBARD FAMILY PRACTICE | 444 PARK BLVD<br>GLEN ELLYN IL 60137 | ENE              | 0.17 / 922.62           | <a href="#">15</a> |

### **ERNS - Emergency Response Notification System**

A search of the ERNS database, dated Sep 24, 2018 has found that there are 3 ERNS site(s) within approximately 0.02 miles of the project property.

| <u>Lower Elevation</u> | <u>Address</u>                               | <u>Direction</u> | <u>Distance (mi/ft)</u> | <u>Map Key</u>     |
|------------------------|----------------------------------------------|------------------|-------------------------|--------------------|
|                        | 551 CRESCENT BLVD<br>GLEN ELLEN IL           | NNE              | 0.14 / 719.93           | <a href="#">9</a>  |
|                        | 551 CRESCENT BLVD<br>GLEN ELLYN IL           | NNE              | 0.14 / 719.93           | <a href="#">9</a>  |
|                        | PARK BLVD. & CRESCENT BLVD.<br>GLEN ELLYN IL | NE               | 0.21 / 1,122.18         | <a href="#">24</a> |

### **State**

### **LUST - Leaking Underground Storage Tanks (LUST)**

A search of the LUST database, dated Jan 9, 2019 has found that there are 7 LUST site(s) within approximately 0.50 miles of the project property.

| <u>Equal/Higher Elevation</u> | <u>Address</u>                            | <u>Direction</u> | <u>Distance (mi/ft)</u> | <u>Map Key</u>    |
|-------------------------------|-------------------------------------------|------------------|-------------------------|-------------------|
| St. Mark's Episcopal Church   | 393 North Main St.<br>Glen Ellyn IL 60137 | SSW              | 0.10 / 511.89           | <a href="#">7</a> |

*Incident No | Incidents ID | NFR Date: 20012048 | 2116 | 04/29/2002*

| <u>Lower Elevation</u> | <u>Address</u>                           | <u>Direction</u> | <u>Distance (mi/ft)</u> | <u>Map Key</u>    |
|------------------------|------------------------------------------|------------------|-------------------------|-------------------|
| Wharton, Dale          | 532 Hillside Ave.<br>Glen Ellyn IL 60137 | S                | 0.05 / 244.34           | <a href="#">1</a> |

*Incident No | Incidents ID | NFR Date: 911591 | 10887 | 11/16/1992*

|                     |                                           |    |                 |                    |
|---------------------|-------------------------------------------|----|-----------------|--------------------|
| J & C Central, Inc. | 586 Crescent Blvd.<br>Glen Ellyn IL 60137 | NE | 0.19 / 1,027.29 | <a href="#">19</a> |
|---------------------|-------------------------------------------|----|-----------------|--------------------|

*Incident No | Incidents ID | NFR Date: 20010797 | 1636 | 12/03/2001*

| <u>Lower Elevation</u>                                                     | <u>Address</u>                          | <u>Direction</u> | <u>Distance (mi/ft)</u> | <u>Map Key</u>     |
|----------------------------------------------------------------------------|-----------------------------------------|------------------|-------------------------|--------------------|
| Glen Ellyn, Village of                                                     | 535 Duane St.<br>Glen Ellyn IL 60137    | ENE              | 0.20 / 1,073.01         | <a href="#">21</a> |
| <b>Incident No   Incidents ID   NFR Date:</b> 900921   8012   01/22/2008   |                                         |                  |                         |                    |
| Glen Ellyn, Village of                                                     | 535 Duane St.<br>Glen Ellyn IL 60137    | ENE              | 0.20 / 1,073.01         | <a href="#">21</a> |
| <b>Incident No   Incidents ID   NFR Date:</b> 903141   9379   05/23/1996   |                                         |                  |                         |                    |
| J & R Auto Repair                                                          | 574 Pennsylvania<br>Glen Ellyn IL 60137 | NNE              | 0.24 / 1,266.04         | <a href="#">29</a> |
| <b>Incident No   Incidents ID   NFR Date:</b> 990378   23224   12/09/2004  |                                         |                  |                         |                    |
| Tuinenga, James & Janet                                                    | 443 Duane Street<br>Glen Ellyn IL 60137 | WNW              | 0.25 / 1,310.61         | <a href="#">31</a> |
| <b>Incident No   Incidents ID   NFR Date:</b> 20070710   5116   10/23/2007 |                                         |                  |                         |                    |

**UST - Underground Storage Tank Database (UST)**

A search of the UST database, dated Jan 9, 2019 has found that there are 11 UST site(s) within approximately 0.25 miles of the project property.

| <u>Equal/Higher Elevation</u>                                                                                                                                                                         | <u>Address</u>                             | <u>Direction</u> | <u>Distance (mi/ft)</u> | <u>Map Key</u>     |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------|------------------|-------------------------|--------------------|
| Exempt                                                                                                                                                                                                | 427 Main Street<br>Glen Ellyn IL 60137     | WNW              | 0.05 / 288.98           | <a href="#">2</a>  |
| <b>Facility No   Facility Status:</b> 2044939   Du Page<br><b>Tank No   Status   Removed Date:</b> 1   Removed   8/17/2011                                                                            |                                            |                  |                         |                    |
| Exempt                                                                                                                                                                                                | 393 N Main Street<br>Glen Ellyn IL 60137   | SSW              | 0.10 / 511.89           | <a href="#">7</a>  |
| <b>Facility No   Facility Status:</b> 2040744   Du Page<br><b>Tank No   Status   Removed Date:</b> 1   Removed   12/14/2001                                                                           |                                            |                  |                         |                    |
| <u>Lower Elevation</u>                                                                                                                                                                                | <u>Address</u>                             | <u>Direction</u> | <u>Distance (mi/ft)</u> | <u>Map Key</u>     |
| Closed                                                                                                                                                                                                | 532 Hillside Avenue<br>Glen Ellyn IL 60137 | S                | 0.05 / 244.34           | <a href="#">1</a>  |
| <b>Facility No   Facility Status:</b> 2029349   Du Page<br><b>Tank No   Status   Removed Date:</b> 1   Abandoned in place                                                                             |                                            |                  |                         |                    |
| Closed                                                                                                                                                                                                | 586 Crescent Blvd.<br>Glen Ellyn IL 60137  | NE               | 0.19 / 1,027.29         | <a href="#">19</a> |
| <b>Facility No   Facility Status:</b> 2010513   Du Page<br><b>Tank No   Status   Removed Date:</b> 1   Removed   2/16/1999, 4   Removed   5/22/2001, 3   Removed   5/22/2001, 2   Removed   2/16/1999 |                                            |                  |                         |                    |
| Closed                                                                                                                                                                                                | 469 Crescent Blvd<br>Glen Ellyn IL 60137   | NW               | 0.19 / 1,029.34         | <a href="#">20</a> |
| <b>Facility No   Facility Status:</b> 2013054   Du Page<br><b>Tank No   Status   Removed Date:</b> 2   Removed   1/1/1990, 1   Removed   1/1/1990                                                     |                                            |                  |                         |                    |
| Closed                                                                                                                                                                                                | 535 Duane Ave<br>Glen Ellyn IL 60137       | ENE              | 0.20 / 1,073.01         | <a href="#">21</a> |



| <u>Lower Elevation</u>                                                                                                                                                                                                                         | <u>Address</u>                                 | <u>Direction</u> | <u>Distance (mi/ft)</u> | <u>Map Key</u>     |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------|------------------|-------------------------|--------------------|
| <b>Facility No   Facility Status:</b> 2025812   <a href="#">Du Page</a><br><b>Tank No   Status   Removed Date:</b> 1   Removed   10/24/1990                                                                                                    |                                                |                  |                         |                    |
| Exempt                                                                                                                                                                                                                                         | 534 Pennsylvania Ave<br>Glen Ellyn IL 60137    | N                | 0.20 / 1,078.80         | <a href="#">22</a> |
| <b>Facility No   Facility Status:</b> 2045820   <a href="#">Du Page</a><br><b>Tank No   Status   Removed Date:</b> 2   Removed   8/11/2015, 1   Removed   8/11/2015                                                                            |                                                |                  |                         |                    |
| Exempt                                                                                                                                                                                                                                         | 490 Pennsylvania Avenue<br>Glen Ellyn IL 60137 | NW               | 0.22 / 1,151.52         | <a href="#">26</a> |
| <b>Facility No   Facility Status:</b> 2042669   <a href="#">Du Page</a><br><b>Tank No   Status   Removed Date:</b> 1   Removed   2/17/2005                                                                                                     |                                                |                  |                         |                    |
| Exempt                                                                                                                                                                                                                                         | 487 Pennsylvania<br>Glen Ellyn IL 60137        | NW               | 0.22 / 1,160.36         | <a href="#">27</a> |
| <b>Facility No   Facility Status:</b> 2035234   <a href="#">Du Page</a><br><b>Tank No   Status   Removed Date:</b> 1   Pre 1974   , 3   Pre 1974   , 4   Removed   6/3/1998, 2   Pre 1974                                                      |                                                |                  |                         |                    |
| Closed                                                                                                                                                                                                                                         | 574 Pennsylvania<br>Glen Ellyn IL 60137        | NNE              | 0.24 / 1,266.04         | <a href="#">29</a> |
| <b>Facility No   Facility Status:</b> 2015726   <a href="#">Du Page</a><br><b>Tank No   Status   Removed Date:</b> 5   Removed   2/17/1999, 4   Removed   2/17/1999, 2   Removed   2/17/1999, 3   Removed   2/17/1999, 1   Removed   2/17/1999 |                                                |                  |                         |                    |
| Exempt                                                                                                                                                                                                                                         | 443 Duane Street<br>Glen Ellyn IL 60137        | WNW              | 0.25 / 1,310.61         | <a href="#">31</a> |
| <b>Facility No   Facility Status:</b> 2043640   <a href="#">Du Page</a><br><b>Tank No   Status   Removed Date:</b> 1   Removed   5/24/2007                                                                                                     |                                                |                  |                         |                    |

**INST - Institutional Controls**

A search of the INST database, dated Dec 28, 2018 has found that there are 1 INST site(s) within approximately 0.50 miles of the project property.

| <u>Lower Elevation</u> | <u>Address</u>                                  | <u>Direction</u> | <u>Distance (mi/ft)</u> | <u>Map Key</u>     |
|------------------------|-------------------------------------------------|------------------|-------------------------|--------------------|
| Park Avenue Cleaners   | 462 North Park Boulevard<br>Glen Ellyn IL 60137 | NE               | 0.18 / 968.59           | <a href="#">17</a> |

**SRP - Illinois Site Remediation Program Database**

A search of the SRP database, dated Dec 28, 2018 has found that there are 2 SRP site(s) within approximately 0.50 miles of the project property.

| <u>Equal/Higher Elevation</u> | <u>Address</u>                         | <u>Direction</u> | <u>Distance (mi/ft)</u> | <u>Map Key</u>    |
|-------------------------------|----------------------------------------|------------------|-------------------------|-------------------|
| Glen Ellyn, Village of        | 420 Main Street<br>Glen Ellyn IL 60137 | W                | 0.06 / 294.90           | <a href="#">3</a> |

| <u>Lower Elevation</u> | <u>Address</u>                                  | <u>Direction</u> | <u>Distance (mi/ft)</u> | <u>Map Key</u>            |
|------------------------|-------------------------------------------------|------------------|-------------------------|---------------------------|
| Park Avenue Cleaners   | 462 North Park Boulevard<br>Glen Ellyn IL 60137 | NE               | 0.18 / 968.59           | <a href="#"><u>17</u></a> |

### **BROWN MBRGP - Municipal Brownfields Redevelopment Grant Program (MBRGP) project sites administered through OBA**

A search of the BROWN MBRGP database, dated Mar 31, 2013 has found that there are 1 BROWN MBRGP site(s) within approximately 0.50 miles of the project property.

| <u>Equal/Higher Elevation</u> | <u>Address</u>                | <u>Direction</u> | <u>Distance (mi/ft)</u> | <u>Map Key</u>           |
|-------------------------------|-------------------------------|------------------|-------------------------|--------------------------|
| Main Street Parking Lot       | 420 Main St.<br>Glen Ellyn IL | W                | 0.06 / 294.90           | <a href="#"><u>3</u></a> |

### **Non Standard**

#### **Federal**

### **FINDS/FRS - Facility Registry Service/Facility Index**

A search of the FINDS/FRS database, dated Oct 17, 2018 has found that there are 21 FINDS/FRS site(s) within approximately 0.02 miles of the project property.

| <u>Equal/Higher Elevation</u> | <u>Address</u>                        | <u>Direction</u> | <u>Distance (mi/ft)</u> | <u>Map Key</u>            |
|-------------------------------|---------------------------------------|------------------|-------------------------|---------------------------|
| 401-405 N MAIN                | 401-405 N MAIN<br>GLEN ELLYN IL 60612 | SW               | 0.07 / 348.58           | <a href="#"><u>5</u></a>  |
| 466 PHILLIPS                  | 466 PHILLIPS<br>GLEN ELLYN IL 60195   | WSW              | 0.21 / 1,121.27         | <a href="#"><u>23</u></a> |

| <u>Lower Elevation</u>                    | <u>Address</u>                           | <u>Direction</u> | <u>Distance (mi/ft)</u> | <u>Map Key</u>            |
|-------------------------------------------|------------------------------------------|------------------|-------------------------|---------------------------|
| WHARTON, DALE                             | 532 HILLSIDE AVE<br>GLEN ELLYN IL 60137  | S                | 0.05 / 244.34           | <a href="#"><u>1</u></a>  |
| 542 CRESCENT                              | 542 CRESCENT<br>GLEN ELLYN IL 60137      | N                | 0.12 / 657.09           | <a href="#"><u>8</u></a>  |
| IRVING'S NUWAY LAUNDRY &<br>CLEANERS, INC | 496 CRESCENT BLVD<br>GLEN ELLYN IL 60137 | NW               | 0.15 / 816.53           | <a href="#"><u>11</u></a> |
| SHERWIN-WILLIAMS CO THE                   | 479 MAIN ST<br>GLEN ELLYN IL 60137       | NNW              | 0.16 / 833.66           | <a href="#"><u>12</u></a> |

| <u>Lower Elevation</u>   | <u>Address</u>                              | <u>Direction</u> | <u>Distance (mi/ft)</u> | <u>Map Key</u>            |
|--------------------------|---------------------------------------------|------------------|-------------------------|---------------------------|
| GEARHEAD AUTO REPAIR INC | 474 FOREST AVE<br>GLEN ELLYN IL 60137       | NNE              | 0.16 / 860.16           | <a href="#"><u>13</u></a> |
| 480 N MAIN               | 480 N MAIN<br>GLEN ELLYN IL 60137           | NNW              | 0.17 / 882.47           | <a href="#"><u>14</u></a> |
| GLENBARD FAMILY PRACTICE | 444 PARK BLVD<br>GLEN ELLYN IL 60137-4622   | ENE              | 0.17 / 922.62           | <a href="#"><u>15</u></a> |
| FANTASY AMUSEMENT CO     | CRESCENT & GLENWOOD<br>GLEN ELLYN IL 60137  | NW               | 0.18 / 962.02           | <a href="#"><u>16</u></a> |
| PARK AVE CLEANERS        | 462 N PARK BLVD<br>GLEN ELLYN IL 60137      | NE               | 0.18 / 968.59           | <a href="#"><u>17</u></a> |
| GRACE LUTHERAN CHURCH    | 493 FOREST AVE<br>GLEN ELLYN IL 60137       | N                | 0.19 / 1,002.05         | <a href="#"><u>18</u></a> |
| J AND C UNOCAL 76        | 586 CRESCENT BLVD<br>GLEN ELLYN IL 60137    | NE               | 0.19 / 1,027.29         | <a href="#"><u>19</u></a> |
| J & C CENTRAL INC        | 586 CRESCENT BLVD<br>GLEN ELLYN IL 60137    | NE               | 0.19 / 1,027.29         | <a href="#"><u>19</u></a> |
| GLEN ELLYN, VILLAGE OF   | 535 DUANE ST<br>GLEN ELLYN IL 60137-4699    | ENE              | 0.20 / 1,073.01         | <a href="#"><u>21</u></a> |
|                          | 494 PENNSYLVANIA ST.<br>GLEN ELLYN IL 60137 | NNW              | 0.21 / 1,132.86         | <a href="#"><u>25</u></a> |
| 490 PENNSYLVANIA         | 490 PENNSYLVANIA<br>GLEN ELLYN IL 60137     | NW               | 0.22 / 1,151.52         | <a href="#"><u>26</u></a> |
| OAK BROOK BANK           | 487 PENNSYLVANIA<br>GLEN ELLYN IL 60137     | NW               | 0.22 / 1,160.36         | <a href="#"><u>27</u></a> |

| <u>Lower Elevation</u>         | <u>Address</u>                              | <u>Direction</u> | <u>Distance (mi/ft)</u> | <u>Map Key</u>     |
|--------------------------------|---------------------------------------------|------------------|-------------------------|--------------------|
| SPILLMAN & WATYLA<br>INSURANCE | 568 PENNSYLVANIA<br>GLEN ELLYN IL 60137     | NNE              | 0.24 / 1,243.63         | <a href="#">28</a> |
| J AND R AUTO RPR               | 574 PENNSYLVANIA<br>GLEN ELLYN IL 60137     | NNE              | 0.24 / 1,266.04         | <a href="#">29</a> |
| J&S CLEANERS                   | 471 PENNSYLVANIA AVE<br>GLEN ELLYN IL 60137 | NW               | 0.24 / 1,279.43         | <a href="#">30</a> |

### **FED DRYCLEANERS - Drycleaner Facilities**

A search of the FED DRYCLEANERS database, dated May 29, 2018 has found that there are 1 FED DRYCLEANERS site(s) within approximately 0.25 miles of the project property.

| <u>Lower Elevation</u>                    | <u>Address</u>                           | <u>Direction</u> | <u>Distance (mi/ft)</u> | <u>Map Key</u>     |
|-------------------------------------------|------------------------------------------|------------------|-------------------------|--------------------|
| IRVING'S NUWAY LAUNDRY &<br>CLEANERS, INC | 496 CRESCENT BLVD<br>GLEN ELLYN IL 60137 | NW               | 0.15 / 816.53           | <a href="#">11</a> |

### **ALT FUELS - Alternative Fueling Stations**

A search of the ALT FUELS database, dated Jan 15, 2019 has found that there are 1 ALT FUELS site(s) within approximately 0.25 miles of the project property.

| <u>Lower Elevation</u> | <u>Address</u>                           | <u>Direction</u> | <u>Distance (mi/ft)</u> | <u>Map Key</u>     |
|------------------------|------------------------------------------|------------------|-------------------------|--------------------|
| CRESCENT LOT           | 505 Crescent Blvd<br>Glen Ellyn IL 60137 | NNW              | 0.14 / 739.15           | <a href="#">10</a> |

### **State**

### **SPILLS - Spills and Incidents**

A search of the SPILLS database, dated Aug 3, 2018 has found that there are 11 SPILLS site(s) within approximately 0.12 miles of the project property.

| <u>Equal/Higher Elevation</u>   | <u>Address</u>                   | <u>Direction</u> | <u>Distance (mi/ft)</u> | <u>Map Key</u>    |
|---------------------------------|----------------------------------|------------------|-------------------------|-------------------|
| #3                              | 393 N. MAIN ST.<br>GLEN ELLYN IL | SSW              | 0.10 / 511.89           | <a href="#">7</a> |
| <i>Incident No: H 2001 2048</i> |                                  |                  |                         |                   |

| <u>Lower Elevation</u>           | <u>Address</u>                            | <u>Direction</u> | <u>Distance (mi/ft)</u> | <u>Map Key</u>            |
|----------------------------------|-------------------------------------------|------------------|-------------------------|---------------------------|
| DALE WHARTON                     | 532 HILLSIDE AVE.<br>GLEN ELLYN IL        | S                | 0.05 / 244.34           | <a href="#"><u>1</u></a>  |
|                                  | <i>Incident No: 911591</i>                |                  |                         |                           |
| UNKNOWN                          | 546 DUANE STREET<br>GLEN ELLYN IL         | NNE              | 0.06 / 298.33           | <a href="#"><u>4</u></a>  |
|                                  | <i>Incident No: 960789</i>                |                  |                         |                           |
| Unknown                          | Main St and Duane St<br>Glen Ellyn IL     | NW               | 0.07 / 392.19           | <a href="#"><u>6</u></a>  |
|                                  | <i>Incident No: H-2010-1114</i>           |                  |                         |                           |
| MARBURY CLEANERS                 | 496 Crescent Blvd.<br>GLEN ELLYN IL       | NW               | 0.15 / 816.53           | <a href="#"><u>11</u></a> |
|                                  | <i>Incident No: 890093</i>                |                  |                         |                           |
| FANTASY AMUSEMENT                | CRESCENT & GLENWOOD AVE.<br>GLEN ELLYN IL | NW               | 0.18 / 962.02           | <a href="#"><u>16</u></a> |
|                                  | <i>Incident No: 960833</i>                |                  |                         |                           |
| J & C CENTRAL, INC.              | 586 CRESCENT BLVD.<br>GLEN ELLYN IL       | NE               | 0.19 / 1,027.29         | <a href="#"><u>19</u></a> |
|                                  | <i>Incident No: H 2001 0797</i>           |                  |                         |                           |
| GLEN ELLYN PUBLIC WORKS<br>DEPT. | 535 DUANE ST.<br>GLEN ELLYN IL            | ENE              | 0.20 / 1,073.01         | <a href="#"><u>21</u></a> |
|                                  | <i>Incident No: 900921</i>                |                  |                         |                           |
| GLEN ELLYN, VILLAGE OF           | 535 DUANE ST.<br>GLEN ELLYN IL            | ENE              | 0.20 / 1,073.01         | <a href="#"><u>21</u></a> |
|                                  | <i>Incident No: 903141</i>                |                  |                         |                           |
| J & R AUTO REPAIR                | 574 PENNSYLVANIA<br>GLEN ELLYN IL         | NNE              | 0.24 / 1,266.04         | <a href="#"><u>29</u></a> |
|                                  | <i>Incident No: 990378</i>                |                  |                         |                           |
| James & Janet Tuinenga           | 443 Duane St<br>Glen Ellyn IL             | WNW              | 0.25 / 1,310.61         | <a href="#"><u>31</u></a> |
|                                  | <i>Incident No: H-2007-0710</i>           |                  |                         |                           |

## **SPILLS2 - Emergency Response Releases & Spills Database**

A search of the SPILLS2 database, dated Sep 12, 2018 has found that there are 1 SPILLS2 site(s) within approximately 0.12 miles of the project property.

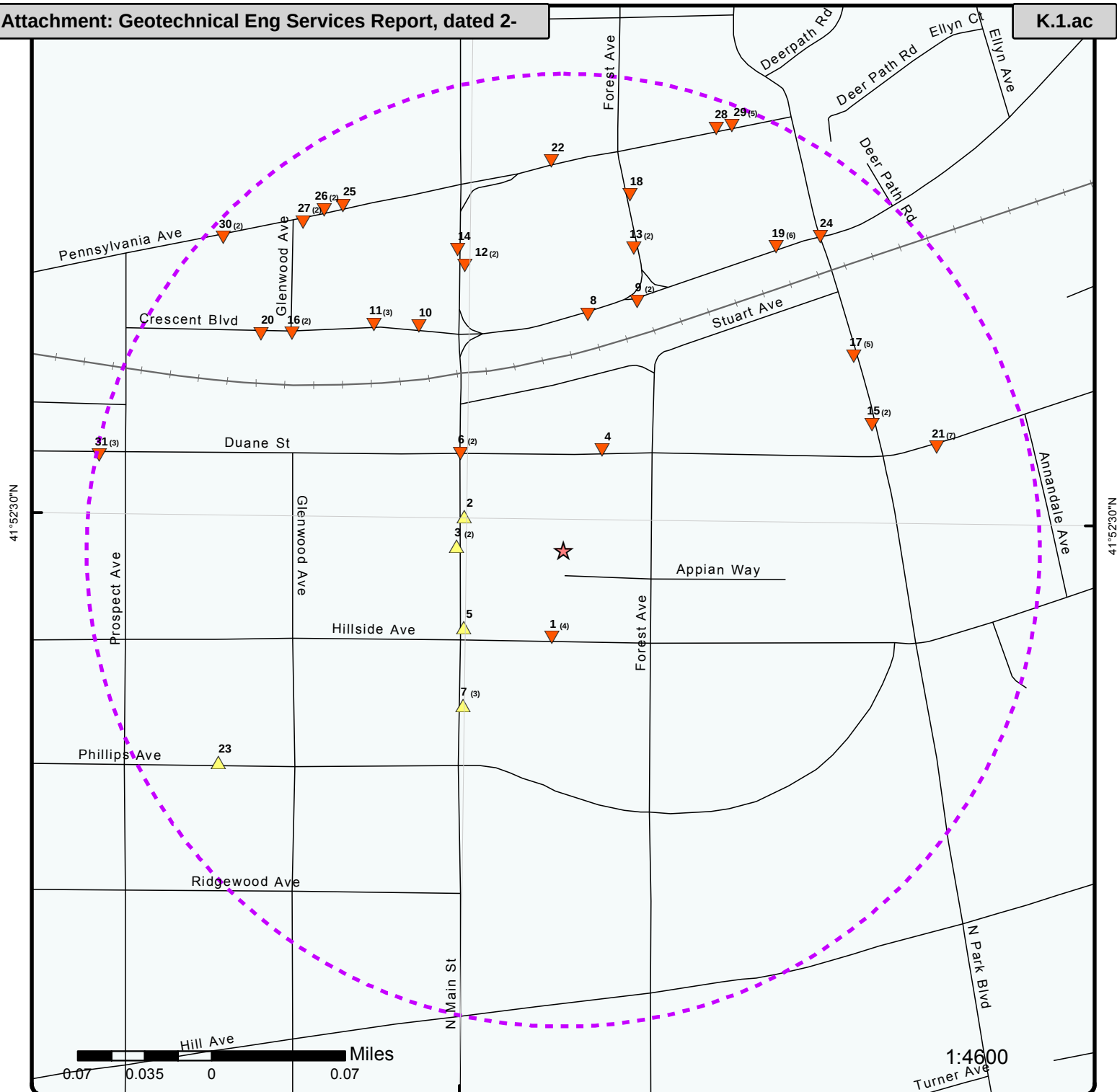
| <u>Lower Elevation</u> | <u>Address</u>                                   | <u>Direction</u> | <u>Distance (mi/ft)</u> | <u>Map Key</u>           |
|------------------------|--------------------------------------------------|------------------|-------------------------|--------------------------|
| UNION PACIFIC RR       | MAIN ST & DUANE ST<br>GLEN ELLYN IL              | NW               | 0.07 / 392.19           | <a href="#"><u>6</u></a> |
|                        | <i>Incident ID   Incident Lust: 20101114   N</i> |                  |                         |                          |



**DRYCLEANERS - Dry Cleaning Facilities**

A search of the DRYCLEANERS database, dated Dec 4, 2018 has found that there are 1 DRYCLEANERS site(s) within approximately 0.25 miles of the project property.

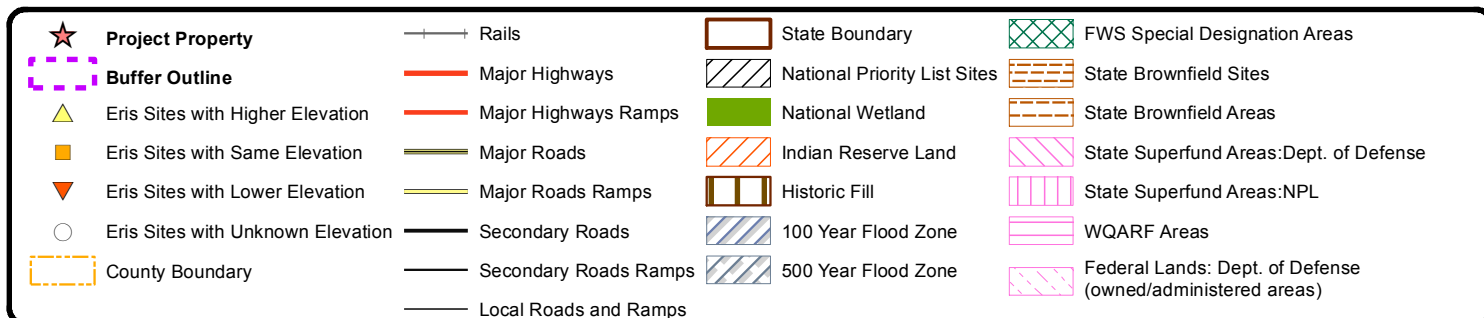
| <u>Lower Elevation</u> | <u>Address</u>                                      | <u>Direction</u> | <u>Distance (mi/ft)</u> | <u>Map Key</u>     |
|------------------------|-----------------------------------------------------|------------------|-------------------------|--------------------|
| PARK AVE CLEANERS      | 462 NORTH PARK BLVD STE #110<br>GLEN ELLYN IL 60137 | NE               | 0.18 / 968.59           | <a href="#">17</a> |



## Map : 0.25 Mile Radius

Order No: 20190213082

Address: 541 Duane St, Glen Ellyn, IL 60137 US





41°53'N

41°53'N

41°52'30"N

41°52'30"N

41°52'N

41°52'N

0.1 0.05 0 0.1 Miles

1:10000

Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

# Aerial (2017)

Order No: 20190213082

Address: 541 Duane St, Glen Ellyn, IL 60137 US

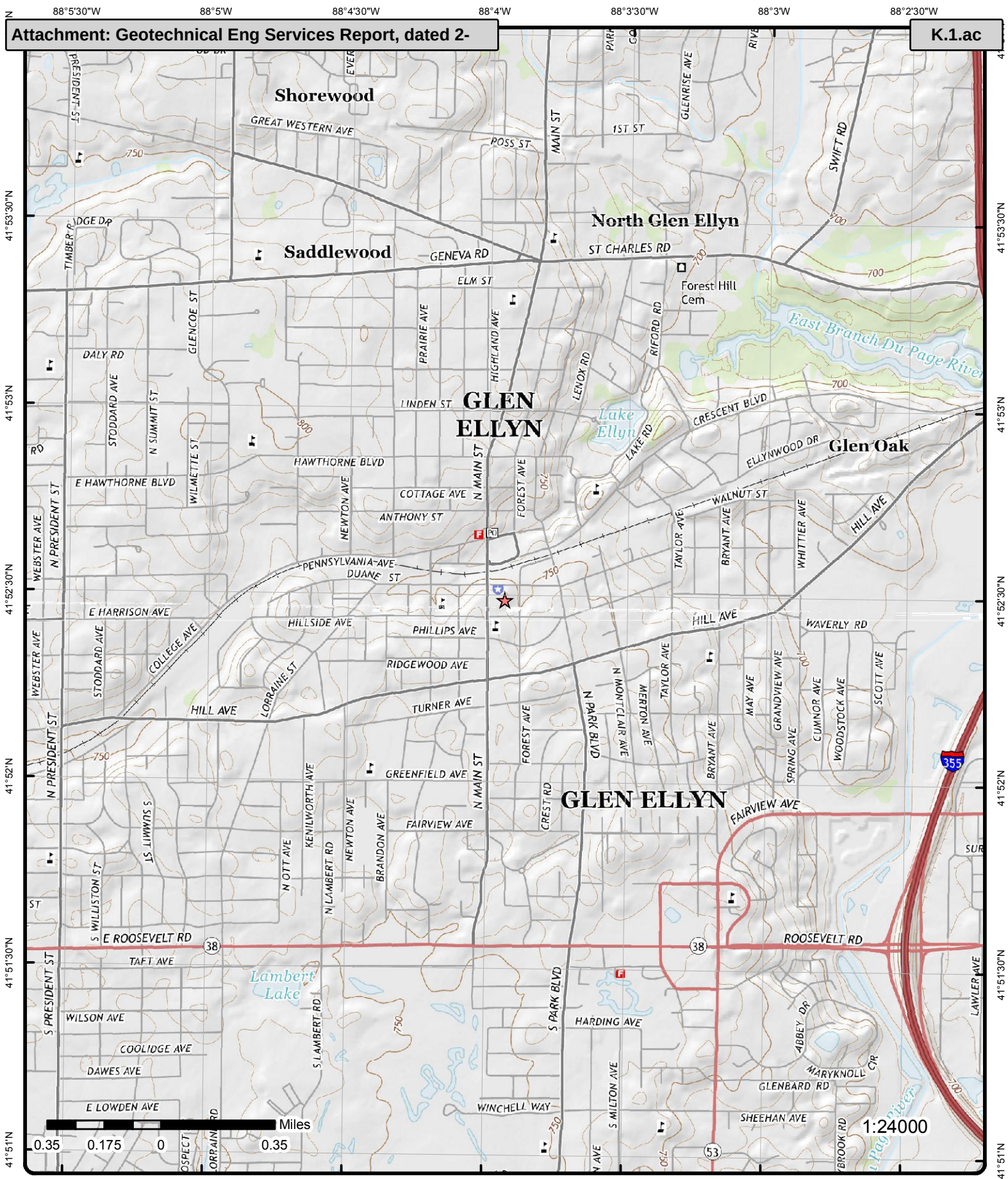
Source: ESRI World Imagery



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Packet Pg. 677





Topographic Map (2015)

Address: 541 Duane St, Glen Ellyn, IL 60137 US

Quadrangle(s): Wheaton,IL; Lombard,IL;

Source: USGS Topographic Map

Order No: 20190213082



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## Detail Report

| Map Key                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Number of Records | Direction | Distance (mi/ft) | Elev/Diff (ft) | Site                                                     | DB                        |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-----------|------------------|----------------|----------------------------------------------------------|---------------------------|
| <a href="#">1</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 1 of 4            | S         | 0.05 / 244.34    | 761.90 / 0     | WHARTON, DALE<br>532 HILLSIDE AVE<br>GLEN ELLYN IL 60137 | <a href="#">FINDS/FRS</a> |
| <b>Registry ID:</b> 110018377594<br><b>FIPS Code:</b> 17043<br><b>Program Acronyms:</b> ACES<br><b>HUC Code:</b> 07120004<br><b>Site Type Name:</b> STATIONARY<br><b>Location Description:</b><br><b>Supplemental Location:</b><br><b>Create Date:</b> 19-OCT-2004 16:46:17<br><b>Update Date:</b> 23-DEC-2007 06:26:36<br><b>Interest Types:</b> STATE MASTER<br><b>SIC Codes:</b><br><b>SIC Code Descriptions:</b><br><b>NAICS Codes:</b><br><b>NAICS Code Descriptions:</b><br><b>Conveyor:</b> FRS-GEOCODE<br><b>Federal Facility Code:</b><br><b>Federal Agency Name:</b><br><b>Tribal Land Code:</b><br><b>Tribal Land Name:</b><br><b>Congressional Dist No.:</b> 06<br><b>Census Block Code:</b> 170438422003011<br><b>EPA Region Code:</b> 05<br><b>County Name:</b> DUPAGE<br><b>US/Mexico Border Ind:</b><br><b>Latitude:</b> 41.87405<br><b>Longitude:</b> -88.06571<br><b>Reference Point:</b> ENTRANCE POINT OF A FACILITY OR STATION<br><b>Coord Collection Method:</b> ADDRESS MATCHING-HOUSE NUMBER<br><b>Accuracy Value:</b> 50<br><b>Datum:</b> NAD83<br><b>Source:</b><br><b>Facility Detail Rprt URL:</b> <a href="http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110018377594">http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110018377594</a> |                   |           |                  |                |                                                          |                           |

|                      |            |                    |               |            |                                                           |                      |
|----------------------|------------|--------------------|---------------|------------|-----------------------------------------------------------|----------------------|
| <a href="#">1</a>    | 2 of 4     | S                  | 0.05 / 244.34 | 761.90 / 0 | Wharton, Dale<br>532 Hillside Ave.<br>Glen Ellyn IL 60137 | <a href="#">LUST</a> |
| <b>Incident No:</b>  | 911591     | <b>LPC No:</b>     | 0430455062    |            |                                                           |                      |
| <b>Incidents ID:</b> | 10887      | <b>IEMA Date:</b>  | 06/11/1991    |            |                                                           |                      |
| <b>NFR Date:</b>     | 11/16/1992 | <b>Regulation:</b> | 731           |            |                                                           |                      |



| Map Key                      | Number of Records | Direction    | Distance (mi/ft) | Elev/Diff (ft) | Site                  | DB         |
|------------------------------|-------------------|--------------|------------------|----------------|-----------------------|------------|
| Gasoline:                    | False             |              |                  |                | C 20 Day Report Date: | 02/29/1992 |
| Unleaded:                    | False             |              |                  |                | C 45 Day Report Date: | 09/03/1992 |
| Diesel:                      | False             |              |                  |                | NFR Recorded Date:    |            |
| Fuel Oil:                    | False             |              |                  |                | Pre 74 Date:          |            |
| Jet Fuel:                    | False             |              |                  |                | Proj Manager Phone:   |            |
| Used Oil:                    | True              |              |                  |                | Proj Mngr First Nm:   | Russ       |
| Non Petroleum Prod:          | False             |              |                  |                | Proj Mngr Last Nm:    | Irwin      |
| Other Petroleum:             | False             |              |                  |                | Proj Manager Email:   |            |
| Non LUST Date:               |                   |              |                  |                | Site County:          | Du Page    |
| Non LUST Letter Dt:          |                   |              |                  |                |                       |            |
| Heating Oil Letter Date:     |                   |              |                  |                |                       |            |
| Free Product Discovery Date: |                   |              |                  |                |                       |            |
| Primary Resp Party Name:     |                   | Dale Wharton |                  |                |                       |            |
| Primary Resp Party Address:  |                   | P.O. Box 831 |                  |                |                       |            |
| Primary Resp Party City:     |                   | Elmhurst     |                  |                |                       |            |
| Primary Resp Party State:    |                   | IL           |                  |                |                       |            |
| Primary Resp Party Zip:      |                   | 60126        |                  |                |                       |            |
| Primary Resp Party Phone:    |                   |              |                  |                |                       |            |
| Primary Resp Party Contact:  |                   |              |                  |                |                       |            |

1 3 of 4 S 0.05 / 244.34 761.90 / 0 DALE WHARTON 532 HILLSIDE AVE. GLEN ELLYN IL SPILLS

|                           |                      |                    |            |
|---------------------------|----------------------|--------------------|------------|
| Incident No:              | 911591               | Contacted Police?: |            |
| Hazmat Incid Type:        | LEAK                 | Police on Scene?:  |            |
| Leaking UST:              |                      | Police Dept Name:  |            |
| Dt/Tm Occurred:           |                      | Sheriff Dept:      |            |
| Incident Rprt Date:       | 6/11/1991 3:27:00 PM | Sheriff on Scene:  |            |
| Area Involved:            | FIXED FACILITY       | Sheriff Dept Name: |            |
| Media or Medium:          |                      | Other Contact?:    |            |
| Incident County:          | DUPAGE               | Other on Scene?:   |            |
| Entered by:               |                      | Other Agency Name: |            |
| Data Input Status:        | CLOSED               | Temp:              |            |
| Caller:                   | DALE WHARTON         | Wind:              |            |
| Caller Represents:        | DALE WHARTON         | City:              | GLEN ELLYN |
| Facility Manager:         |                      | State:             | ILLINOIS   |
| Fac Manager Phone:        |                      | County:            | DUPAGE     |
| Contacted ESDA?:          |                      | Milepost:          |            |
| ESDA on Scene?:           |                      | Section:           |            |
| Spec ESDA Contact:        |                      | Township:          |            |
| Contact Fire Dept?:       |                      | Range:             |            |
| Fire Dept on Scene:       |                      | Latitude:          |            |
| Fire Dept Name:           |                      | Longitude:         |            |
| Name:                     | DALE WHARTON         |                    |            |
| Responsible Party Street: |                      |                    |            |
| Narrative:                |                      |                    |            |

Spill Material Information

| Map Key                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Number of Records | Direction | Distance (mi/ft) | Elev/Diff (ft) | Site | DB |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-----------|------------------|----------------|------|----|
| <p> <b>UN NA No:</b><br/> <b>CAS No:</b><br/> <b>Chris Code:</b><br/> <b>Type:</b> UNKNOWN<br/> <b>Name:</b> 95% WATER 5% HEATING OIL<br/> <b>Container Type:</b> UNDERGROUND TANK<br/> <b>Container Size:</b> UNDERGROUND TANK<br/> <b>Amount Released:</b> UNK<br/> <b>Release Duration:</b><br/> <b>Date Time Discover:</b> 6/7/1991<br/> <b>Check If Unknown Discovered:</b><br/> <b>Date Time Incident Occurred:</b><br/> <b>Check If Unknown Occurrence:</b><br/> <b>Proper Safety Precautions:</b><br/> <b>Assist Needed from State:</b><br/> <b>Cleanup Actions and Plans:</b> </p> |                   |           |                  |                |      |    |
| <p> <b>Release Rate Min:</b><br/> <b>Cause of Release:</b> UNK<br/> <b>302 A Extrm Haz?:</b><br/> <b>RCRA Haz Waste?:</b><br/> <b>RCRA Regulated?:</b><br/> <b>Est Spill Extent:</b><br/> <b>Spill Extent Units:</b><br/> <b>Where Taken:</b><br/> <b>On Scene Contact:</b><br/> <b>No of People Evac:</b> </p>                                                                                                                                                                                                                                                                             |                   |           |                  |                |      |    |

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |        |   |               |            |                                                      |     |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|---|---------------|------------|------------------------------------------------------|-----|
| <u>1</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 4 of 4 | S | 0.05 / 244.34 | 761.90 / 0 | Closed<br>532 Hillside Avenue<br>Glen Ellyn IL 60137 | UST |
| <p> <b>Facility No:</b> 2029349<br/> <b>Facility Status:</b> Du Page<br/> <b>Facility Type:</b><br/> <b>Motor Fuel Type:</b> None<br/> <b>Owner Type:</b><br/> <b>Owner Name:</b> Dale Wharton<br/> <b>Owner Status:</b> Current Owner<br/> <b>Owner Address:</b> 222 Grace AvenueElmhurst, IL 60126<br/> <b>Type Financial Resp:</b><br/> <b>Fin Resp Rpt Due:</b><br/> <b>Permit History Link:</b> <a href="https://webapps.sfm.illinois.gov/USTPortal/Permit/FacilityPermitList/2029349">https://webapps.sfm.illinois.gov/USTPortal/Permit/FacilityPermitList/2029349</a> </p> |        |   |               |            |                                                      |     |
| <p> <b>Green Tag Decal:</b><br/> <b>Green Tag Issue Date:</b><br/> <b>Green Tag Exp Dt:</b><br/> <b>Mtr Fuel Perm Insp Dt:</b><br/> <b>Mtr Fuel Perm Exp Dt:</b><br/> <b>Purchase Date:</b> 1/1/1984<br/> <b>County:</b> 532 Hillside AvenueGlen Ellyn, IL 60137 </p>                                                                                                                                                                                                                                                                                                             |        |   |               |            |                                                      |     |

Tank Information

|                        |                    |                              |                 |
|------------------------|--------------------|------------------------------|-----------------|
| <b>Tank No:</b>        | 1                  | <b>Product:</b>              | Heating Oil     |
| <b>Capacity:</b>       | 2000               | <b>CERCLA Substance:</b>     |                 |
| <b>Status:</b>         | Abandoned in place | <b>CAS Code:</b>             |                 |
| <b>Install Date:</b>   | 29                 | <b>OSFM First Notify Dt:</b> | Exempt          |
| <b>Abandoned Date:</b> | 4/14/1993          | <b>Abandoned Material:</b>   | Inert Materials |
| <b>Last Used Date:</b> |                    | <b>Red Tag Issue Date:</b>   |                 |
| <b>Removed Date:</b>   |                    | <b>Product Date:</b>         | 1/1/1969        |
| <b>Current Age:</b>    | 2/7/1992           | <b>Fee Due:</b>              |                 |
| <b>Petroleum Use:</b>  | Heating Oil        |                              |                 |

Owner Summary

|                    |                |                       |               |
|--------------------|----------------|-----------------------|---------------|
| <b>Owner No:</b>   | U0018634       | <b>Owner Status:</b>  | Current Owner |
| <b>Owner Name:</b> | Wharton , Dale | <b>Purchase Date:</b> | 1/1/1984      |

| Map Key           | Number of Records | Direction | Distance (mi/ft) | Elev/Diff (ft) | Site                                             | DB  |
|-------------------|-------------------|-----------|------------------|----------------|--------------------------------------------------|-----|
| <a href="#">2</a> | 1 of 1            | WNW       | 0.05 / 288.98    | 764.66 / 2     | Exempt<br>427 Main Street<br>Glen Ellyn IL 60137 | UST |

**Facility No:** 2044939  
**Facility Status:** Du Page  
**Facility Type:**  
**Motor Fuel Type:** Commercial / Retail  
**Owner Type:**  
**Owner Name:** Katy Balabinis  
**Owner Status:** Current Owner  
**Owner Address:** 427 Main StreetGlen Ellyn, IL 60137  
**Type Financial Resp:**  
**Fin Resp Rpt Due:**  
**Permit History Link:** <https://webapps.sfm.illinois.gov/USTPortal/Permit/FacilityPermitList/2044939>

**Green Tag Decal:** Private  
**Green Tag Issue Date:**  
**Green Tag Exp Dt:**  
**Mtr Fuel Perm Insp Dt:**  
**Mtr Fuel Perm Exp Dt:**  
**Purchase Date:** 1/1/1967  
**County:** 427 Main StreetGlen Ellyn, IL 60137

Tank Information

**Tank No:** 1  
**Capacity:** 500  
**Status:** Removed  
**Install Date:**  
**Abandoned Date:**  
**Last Used Date:**  
**Removed Date:** 8/17/2011  
**Current Age:** 7/27/2011  
**Petroleum Use:**

**Product:** Heating Oil  
**CERCLA Substance:**  
**CAS Code:**  
**OSFM First Notify Dt:** State  
**Abandoned Material:**  
**Red Tag Issue Date:**  
**Product Date:** 12/31/1960  
**Fee Due:**

Owner Summary

**Owner No:** U0036186  
**Owner Name:** Balabinis, Katy  
**Owner Status:** Current Owner  
**Purchase Date:** 1/1/1967

|                                                                                                                                                                                                                                                                                                                                                                                      |        |   |               |            |                                                          |             |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|---|---------------|------------|----------------------------------------------------------|-------------|
| <a href="#">3</a>                                                                                                                                                                                                                                                                                                                                                                    | 1 of 2 | W | 0.06 / 294.90 | 765.53 / 3 | Main Street Parking Lot<br>420 Main St.<br>Glen Ellyn IL | BROWN MBRGP |
| <b>MBRG Site ID:</b> 04001<br><b>Planned End Use of Site:</b> Retail/Commercial<br><b>Population:</b> 26,999<br><b>County:</b> DuPage<br><b>Grant Agreement Date:</b> 10/15/2001<br><b>Grant Termination Date:</b> 9/24/2004<br><b>Total Grant Amount to Date:</b> \$17,026.00<br><b>Local Contact:</b> Frank Frelka<br>30 S. Lambert Rd.<br>Glen Ellyn, IL. 60137<br>(630) 469-6756 |        |   |               |            |                                                          |             |

|                   |        |   |        |          |                        |     |
|-------------------|--------|---|--------|----------|------------------------|-----|
| <a href="#">3</a> | 2 of 2 | W | 0.06 / | 765.53 / | Glen Ellyn, Village of | SRP |
|-------------------|--------|---|--------|----------|------------------------|-----|

| Map Key    | Number of Records | Direction | Distance (mi/ft) | Elev/Diff (ft) | Site                                   | DB |
|------------|-------------------|-----------|------------------|----------------|----------------------------------------|----|
|            |                   |           | 294.90           | 3              | 420 Main Street<br>Glen Ellyn IL 60137 |    |
| I EPA ID:  | 0430455127        |           |                  | Longitude:     | -88.066986                             |    |
| US EPA ID: |                   |           |                  | Latitude:      | 41.874584                              |    |
| County:    | DuPage            |           |                  |                |                                        |    |

Site Applicant / Consultant Information

|                     |                              |                      |                      |
|---------------------|------------------------------|----------------------|----------------------|
| RA Title:           | Mr.                          | Received SA Date:    | 4/3/2002 12:00:00 AM |
| RA First Name:      | Frank                        | PM ID:               | Rhett Rossi          |
| RA Last Name:       | Frelka                       | Four Letter Date:    |                      |
| RA Address1:        | 30 South Lambert Road        | Active Site:         | No                   |
| RA Address2:        |                              | Consultant Address1: | 230 Woodlawn Avenue  |
| RA City:            | Glen Ellyn, IL               | Consultant Address2: |                      |
| RA Zip:             | 60137                        | Consultant City:     | Aurora, IL           |
| Consultant Contact: | Carrie Carter                | Consultant Zip:      | 60506                |
| RA Company:         | Village of Glen Ellyn        |                      |                      |
| Consultant Company: | Deuchler Environmental, Inc. |                      |                      |

4 1 of 1 NNE 0.06 / 298.33 751.68 / -11 UNKNOWN 546 DUANE STREET GLEN ELLYN IL SPILLS

|                           |                       |                    |            |
|---------------------------|-----------------------|--------------------|------------|
| Incident No:              | 960789                | Contacted Police?: |            |
| Hazmat Incid Type:        | LEAK                  | Police on Scene?:  |            |
| Leaking UST:              |                       | Police Dept Name:  |            |
| Dt/Tm Occurred:           |                       | Sheriff Dept:      |            |
| Incident Rprt Date:       | 5/10/1996 12:17:00 PM | Sheriff on Scene:  |            |
| Area Involved:            | OTHER/PARKING LOT     | Sheriff Dept Name: |            |
| Media or Medium:          |                       | Other Contact?:    |            |
| Incident County:          | DUPAGE                | Other on Scene?:   |            |
| Entered by:               |                       | Other Agency Name: |            |
| Data Input Status:        | CLOSED                | Temp:              |            |
| Caller:                   | ROB/OPERATOR #37      | Wind:              |            |
| Caller Represents:        | GLEN ELLYN FD         | City:              | GLEN ELLYN |
| Facility Manager:         |                       | State:             | ILLINOIS   |
| Fac Manager Phone:        |                       | County:            | DUPAGE     |
| Contacted ESDA?:          |                       | Milepost:          |            |
| ESDA on Scene?:           |                       | Section:           |            |
| Spec ESDA Contact:        |                       | Township:          |            |
| Contact Fire Dept?:       |                       | Range:             |            |
| Fire Dept on Scene:       |                       | Latitude:          |            |
| Fire Dept Name:           |                       | Longitude:         |            |
| Name:                     | UNKNOWN               |                    |            |
| Responsible Party Street: |                       |                    |            |
| Narrative:                |                       |                    |            |

Spill Material Information

| Map Key                      | Number of Records | Direction | Distance (mi/ft) | Elev/Diff (ft)      | Site | DB |
|------------------------------|-------------------|-----------|------------------|---------------------|------|----|
| UN NA No:                    |                   |           |                  | Release Rate Min:   |      |    |
| CAS No:                      |                   |           |                  | Cause of Release:   |      |    |
| Chris Code:                  |                   |           |                  | 302 A Extrm Haz?:   |      |    |
| Type:                        |                   |           |                  | RCRA Haz Waste?:    |      |    |
| Name:                        |                   |           |                  | RCRA Regulated?:    |      |    |
| Container Type:              |                   |           |                  | Est Spill Extent:   |      |    |
| Container Size:              |                   |           |                  | Spill Extent Units: |      |    |
| Amount Released:             |                   |           |                  | Where Taken:        |      |    |
| Release Duration:            |                   |           |                  | On Scene Contact:   |      |    |
| Date Time Discover:          |                   |           |                  | No of People Evac:  |      |    |
| Check If Unknown Discovered: |                   |           |                  |                     |      |    |
| Date Time Incident Occurred: |                   |           |                  |                     |      |    |
| Check If Unknown Occurrence: |                   |           |                  |                     |      |    |
| Proper Safety Precautions:   |                   |           |                  |                     |      |    |
| Assist Needed from State:    |                   |           |                  |                     |      |    |
| Cleanup Actions and Plans:   |                   |           |                  |                     |      |    |

|                          |        |                                 |                  |               |                                                         |           |
|--------------------------|--------|---------------------------------|------------------|---------------|---------------------------------------------------------|-----------|
| <u>5</u>                 | 1 of 1 | SW                              | 0.07 /<br>348.58 | 768.03 /<br>6 | 401-405 N MAIN<br>401-405 N MAIN<br>GLEN ELLYN IL 60612 | FINDS/FRS |
| Registry ID:             |        | 110046453011                    |                  |               |                                                         |           |
| FIPS Code:               |        | 17043                           |                  |               |                                                         |           |
| Program Acronyms:        |        | ACES                            |                  |               |                                                         |           |
| HUC Code:                |        | 07120004                        |                  |               |                                                         |           |
| Site Type Name:          |        | STATIONARY                      |                  |               |                                                         |           |
| Location Description:    |        |                                 |                  |               |                                                         |           |
| Supplemental Location:   |        |                                 |                  |               |                                                         |           |
| Create Date:             |        | 19-SEP-2012 08:10:31            |                  |               |                                                         |           |
| Update Date:             |        |                                 |                  |               |                                                         |           |
| Interest Types:          |        | STATE MASTER                    |                  |               |                                                         |           |
| SIC Codes:               |        |                                 |                  |               |                                                         |           |
| SIC Code Descriptions:   |        |                                 |                  |               |                                                         |           |
| NAICS Codes:             |        |                                 |                  |               |                                                         |           |
| NAICS Code Descriptions: |        |                                 |                  |               |                                                         |           |
| Conveyor:                |        | FRS-GEOCODE                     |                  |               |                                                         |           |
| Federal Facility Code:   |        |                                 |                  |               |                                                         |           |
| Federal Agency Name:     |        |                                 |                  |               |                                                         |           |
| Tribal Land Code:        |        |                                 |                  |               |                                                         |           |
| Tribal Land Name:        |        |                                 |                  |               |                                                         |           |
| Congressional Dist No.:  |        | 06                              |                  |               |                                                         |           |
| Census Block Code:       |        | 170438422003012                 |                  |               |                                                         |           |
| EPA Region Code:         |        | 05                              |                  |               |                                                         |           |
| County Name:             |        | DUPAGE                          |                  |               |                                                         |           |
| US/Mexico Border Ind:    |        |                                 |                  |               |                                                         |           |
| Latitude:                |        | 41.87423                        |                  |               |                                                         |           |
| Longitude:               |        | -88.06667                       |                  |               |                                                         |           |
| Reference Point:         |        | CENTER OF A FACILITY OR STATION |                  |               |                                                         |           |
| Coord Collection Method: |        | ADDRESS MATCHING-HOUSE NUMBER   |                  |               |                                                         |           |
| Accuracy Value:          |        | 30                              |                  |               |                                                         |           |
| Datum:                   |        | NAD83                           |                  |               |                                                         |           |
| Source:                  |        |                                 |                  |               |                                                         |           |



| Map Key                          | Number of Records | Direction                                                                                      | Distance (mi/ft) | Elev/Diff (ft) | Site | DB |
|----------------------------------|-------------------|------------------------------------------------------------------------------------------------|------------------|----------------|------|----|
| <b>Facility Detail Rprt URL:</b> |                   | http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110046453011 |                  |                |      |    |

|                             |                        |    |               |                    |                                                  |        |
|-----------------------------|------------------------|----|---------------|--------------------|--------------------------------------------------|--------|
| <a href="#">6</a>           | 1 of 2                 | NW | 0.07 / 392.19 | 754.62 / -8        | Unknown<br>Main St and Duane St<br>Glen Ellyn IL | SPILLS |
|                             |                        |    |               |                    |                                                  |        |
| Incident No:                | H-2010-1114            |    |               | Contacted Police?: |                                                  |        |
| Hazmat Incid Type:          | Leak or spill          |    |               | Police on Scene?:  |                                                  |        |
| Leaking UST:                | No                     |    |               | Police Dept Name:  | None                                             |        |
| Dt/Tm Occurred:             |                        |    |               | Sheriff Dept:      |                                                  |        |
| Incident Rprt Date:         | 10/11/2010 11:08:54 PM |    |               | Sheriff on Scene:  |                                                  |        |
| Area Involved:              | Rail                   |    |               | Sheriff Dept Name: | None                                             |        |
| Media or Medium:            |                        |    |               | Other Contact?:    |                                                  |        |
| Incident County:            | DuPage                 |    |               | Other on Scene?:   |                                                  |        |
| Entered by:                 | Troesch, Aubrey (IEMA) |    |               | Other Agency Name: | None                                             |        |
| Data Input Status:          | Closed                 |    |               | Temp:              | 57                                               |        |
| Caller:                     | Becky Meyer            |    |               | Wind:              | N 5 mph                                          |        |
| Caller Represents:          | Union Pacific Railroad |    |               | City:              | Glen Ellyn                                       |        |
| Facility Manager:           |                        |    |               | State:             |                                                  |        |
| Fac Manager Phone:          |                        |    |               | County:            | DuPage                                           |        |
| Contacted ESDA?:            |                        |    |               | Milepost:          |                                                  |        |
| ESDA on Scene?:             |                        |    |               | Section:           |                                                  |        |
| Spec ESDA Contact:          | None                   |    |               | Township:          |                                                  |        |
| Contact Fire Dept?:         | v                      |    |               | Range:             |                                                  |        |
| Fire Dept on Scene:         | v                      |    |               | Latitude:          | 41.87547                                         |        |
| Fire Dept Name:             | Glen Ellyn Fire Dept   |    |               | Longitude:         | -88.066699                                       |        |
| Name:                       | Unknown                |    |               |                    |                                                  |        |
| Responsible Party Street:   | Unknown                |    |               |                    |                                                  |        |
| Narrative:                  |                        |    |               |                    |                                                  |        |
| No derailment or collision. |                        |    |               |                    |                                                  |        |

Spill Agency Information

**Agency Notified:** IEPA, OSFM, NRTP, ICC Railroads, ISPCC, IDOT Station 1, IEMA Region 4  
**Notified Date/Time:** 2010-10-11 23:15  
**Notification Action:** Report Sent  
**Name of Person:** emailed

**Agency Notified:** IEPA D/O  
**Notified Date/Time:** 2010-10-11 23:11  
**Notification Action:** Contacted  
**Name of Person:** Blaine Kinsley

**Agency Notified:** ICC Railroads D/O  
**Notified Date/Time:** 2010-10-11 23:13  
**Notification Action:** Contacted  
**Name of Person:** Chuck Broers

| Map Key                                  | Number of Records                                                                               | Direction | Distance (mi/ft) | Elev/Diff (ft)      | Site        | DB |
|------------------------------------------|-------------------------------------------------------------------------------------------------|-----------|------------------|---------------------|-------------|----|
| <b><u>Spill Material Information</u></b> |                                                                                                 |           |                  |                     |             |    |
| UN NA No:                                | unknown                                                                                         |           |                  | Release Rate Min:   | n/a         |    |
| CAS No:                                  | unknown                                                                                         |           |                  | Cause of Release:   | unknown     |    |
| Chris Code:                              | unknown                                                                                         |           |                  | 302 A Extrm Haz?:   | Unknown     |    |
| Type:                                    | Liquid                                                                                          |           |                  | RCRA Haz Waste?:    | Unknown     |    |
| Name:                                    | Diesel fuel                                                                                     |           |                  | RCRA Regulated?:    | Unknown     |    |
| Container Type:                          | unknown possibly from a train                                                                   |           |                  | Est Spill Extent:   | unknown     |    |
| Container Size:                          | unknown                                                                                         |           |                  | Spill Extent Units: |             |    |
| Amount Released:                         | unknown                                                                                         |           |                  | Where Taken:        | N/A         |    |
| Release Duration:                        |                                                                                                 |           |                  | On Scene Contact:   | Becky Meyer |    |
| Date Time Discover:                      | 2010-10-11 22:31                                                                                |           |                  | No of People Evac:  | 0           |    |
| Check If Unknown Discovered:             |                                                                                                 |           |                  |                     |             |    |
| Date Time Incident Occurred:             |                                                                                                 |           |                  |                     |             |    |
| Check If Unknown Occurrence:             | v                                                                                               |           |                  |                     |             |    |
| Proper Safety Precautions:               | None                                                                                            |           |                  |                     |             |    |
| Assist Needed from State:                | None                                                                                            |           |                  |                     |             |    |
| Cleanup Actions and Plans:               | Hazmat manager will inspect the area in the morning to see if any more remediation is necessary |           |                  |                     |             |    |

|                          |        |    |               |             |                                                         |         |
|--------------------------|--------|----|---------------|-------------|---------------------------------------------------------|---------|
| <a href="#"><u>6</u></a> | 2 of 2 | NW | 0.07 / 392.19 | 754.62 / -8 | UNION PACIFIC RR<br>MAIN ST & DUANE ST<br>GLEN ELLYN IL | SPILLS2 |
|--------------------------|--------|----|---------------|-------------|---------------------------------------------------------|---------|

|                |                       |                  |         |
|----------------|-----------------------|------------------|---------|
| Incident ID:   | 20101114              | Occured Date:    |         |
| Recieved Date: | 10/11/2010 8:54:00 AM | Incident Lust:   | N       |
| Action:        |                       | Incident County: | DU PAGE |
| Action Descr:  |                       |                  |         |

|                          |        |     |               |            |                                                                          |      |
|--------------------------|--------|-----|---------------|------------|--------------------------------------------------------------------------|------|
| <a href="#"><u>7</u></a> | 1 of 3 | SSW | 0.10 / 511.89 | 771.46 / 9 | St. Mark's Episcopal Church<br>393 North Main St.<br>Glen Ellyn IL 60137 | LUST |
|--------------------------|--------|-----|---------------|------------|--------------------------------------------------------------------------|------|

|                              |                             |                       |            |
|------------------------------|-----------------------------|-----------------------|------------|
| Incident No:                 | 20012048                    | LPC No:               | 0430455130 |
| Incidents ID:                | 2116                        | IEMA Date:            | 12/14/2001 |
| NFR Date:                    | 04/29/2002                  | Regulation:           | 732        |
| Gasoline:                    | False                       | C 20 Day Report Date: | 03/21/2002 |
| Unleaded:                    | False                       | C 45 Day Report Date: | 02/01/2002 |
| Diesel:                      | False                       | NFR Recorded Date:    | 06/24/2002 |
| Fuel Oil:                    | False                       | Pre 74 Date:          |            |
| Jet Fuel:                    | False                       | Proj Manager Phone:   |            |
| Used Oil:                    | False                       | Proj Mngr First Nm:   | Clayton    |
| Non Petroleum Prod:          | False                       | Proj Mngr Last Nm:    | Bloome     |
| Other Petroleum:             | True                        | Proj Manager Email:   |            |
| Non LUST Date:               |                             | Site County:          | Du Page    |
| Non LUST Letter Dt:          |                             |                       |            |
| Heating Oil Letter Date:     |                             |                       |            |
| Free Product Discovery Date: |                             |                       |            |
| Primary Resp Party Name:     | St. Mark's Episcopal Church |                       |            |
| Primary Resp Party Address:  | 393 North Main St.          |                       |            |
| Primary Resp Party City:     | Glen Ellyn                  |                       |            |
| Primary Resp Party State:    | IL                          |                       |            |

| Map Key                     | Number of Records | Direction  | Distance (mi/ft) | Elev/Diff (ft) | Site | DB |
|-----------------------------|-------------------|------------|------------------|----------------|------|----|
| Primary Resp Party Zip:     |                   | 60137      |                  |                |      |    |
| Primary Resp Party Phone:   |                   | 6308581020 |                  |                |      |    |
| Primary Resp Party Contact: |                   | Tom White  |                  |                |      |    |

|                           |        |                        |                    |            |                                        |        |
|---------------------------|--------|------------------------|--------------------|------------|----------------------------------------|--------|
| <a href="#">7</a>         | 2 of 3 | SSW                    | 0.10 / 511.89      | 771.46 / 9 | #3<br>393 N. MAIN ST.<br>GLEN ELLYN IL | SPILLS |
| Incident No:              |        | H 2001 2048            | Contacted Police?: |            |                                        |        |
| Hazmat Incid Type:        |        | LEAK OR SPILL          | Police on Scene?:  |            |                                        |        |
| Leaking UST:              |        |                        | Police Dept Name:  |            |                                        |        |
| Dt/Tm Occurred:           |        |                        | Sheriff Dept:      |            |                                        |        |
| Incident Rprt Date:       |        | 12/14/2001 12:00:00 AM | Sheriff on Scene:  |            |                                        |        |
| Area Involved:            |        | FIXED FACILITY         | Sheriff Dept Name: |            |                                        |        |
| Media or Medium:          |        |                        | Other Contact?:    |            | YES                                    |        |
| Incident County:          |        | DUPAGE                 | Other on Scene?:   |            |                                        |        |
| Entered by:               |        |                        | Other Agency Name: |            | OSFM, SCOTT JOHNSON                    |        |
| Data Input Status:        |        | CLOSED                 | Temp:              |            |                                        |        |
| Caller:                   |        |                        | Wind:              |            |                                        |        |
| Caller Represents:        |        |                        | City:              |            | GLEN ELLYN                             |        |
| Facility Manager:         |        |                        | State:             |            | ILLINOIS                               |        |
| Fac Manager Phone:        |        |                        | County:            |            | DUPAGE                                 |        |
| Contacted ESDA?:          |        |                        | Milepost:          |            |                                        |        |
| ESDA on Scene?:           |        |                        | Section:           |            |                                        |        |
| Spec ESDA Contact:        |        |                        | Township:          |            |                                        |        |
| Contact Fire Dept?:       |        |                        | Range:             |            |                                        |        |
| Fire Dept on Scene:       |        |                        | Latitude:          |            |                                        |        |
| Fire Dept Name:           |        |                        | Longitude:         |            |                                        |        |
| Name:                     |        | #3                     |                    |            |                                        |        |
| Responsible Party Street: |        | #5 ZIP CODE: 60137     |                    |            |                                        |        |
| Narrative:                |        |                        |                    |            |                                        |        |

IEPA, OSFM, REG 4

Spill Material Information

|                                     |                    |                            |                    |
|-------------------------------------|--------------------|----------------------------|--------------------|
| <b>UN NA No:</b>                    |                    | <b>Release Rate Min:</b>   | N/A                |
| <b>CAS No:</b>                      |                    | <b>Cause of Release:</b>   | #5 ZIP CODE: 60137 |
| <b>Chris Code:</b>                  |                    | <b>302 A Extrm Haz?:</b>   |                    |
| <b>Type:</b>                        | LIQUID             | <b>RCRA Haz Waste?:</b>    |                    |
| <b>Name:</b>                        | HEATING OIL        | <b>RCRA Regulated?:</b>    |                    |
| <b>Container Type:</b>              | UNDERGROUND TANK   | <b>Est Spill Extent:</b>   | N/A                |
| <b>Container Size:</b>              | 1,000 GALS         | <b>Spill Extent Units:</b> |                    |
| <b>Amount Released:</b>             | UNKNOWN            | <b>Where Taken:</b>        |                    |
| <b>Release Duration:</b>            |                    | <b>On Scene Contact:</b>   | TOM WHITE          |
| <b>Date Time Discover:</b>          | 12/14/2001 @ 08:00 | <b>No of People Evac:</b>  | NONE               |
| <b>Check If Unknown Discovered:</b> |                    |                            |                    |
| <b>Date Time Incident Occurred:</b> |                    |                            |                    |
| <b>Check If Unknown Occurrence:</b> |                    |                            |                    |
| <b>Proper Safety Precautions:</b>   | NONE               |                            |                    |

| Map Key                           | Number of Records | Direction                                         | Distance (mi/ft) | Elev/Diff (ft) | Site | DB |
|-----------------------------------|-------------------|---------------------------------------------------|------------------|----------------|------|----|
| <b>Assist Needed from State:</b>  |                   | NONE                                              |                  |                |      |    |
| <b>Cleanup Actions and Plans:</b> |                   | TESTING SERVICE CORP. IS THE CLEAN UP CONTRACTOR. |                  |                |      |    |

|                      |        |                                                                                                                                                                         |               |                        |                                                    |                                       |
|----------------------|--------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|------------------------|----------------------------------------------------|---------------------------------------|
| <a href="#">7</a>    | 3 of 3 | SSW                                                                                                                                                                     | 0.10 / 511.89 | 771.46 / 9             | Exempt<br>393 N Main Street<br>Glen Ellyn IL 60137 | UST                                   |
| Facility No:         |        | 2040744                                                                                                                                                                 |               | Green Tag Decal:       |                                                    | Private                               |
| Facility Status:     |        | Du Page                                                                                                                                                                 |               | Green Tag Issue Date:  |                                                    |                                       |
| Facility Type:       |        |                                                                                                                                                                         |               | Green Tag Exp Dt:      |                                                    |                                       |
| Motor Fuel Type:     |        | Private Institution                                                                                                                                                     |               | Mtr Fuel Perm Insp Dt: |                                                    |                                       |
| Owner Type:          |        |                                                                                                                                                                         |               | Mtr Fuel Perm Exp Dt:  |                                                    |                                       |
| Owner Name:          |        | St Marks Episcopal Church                                                                                                                                               |               | Purchase Date:         |                                                    |                                       |
| Owner Status:        |        | Current Owner                                                                                                                                                           |               | County:                |                                                    | 393 N Main StreetGlen Ellyn, IL 60137 |
| Owner Address:       |        | 393 N Main StreetGlen Ellyn, IL 60137                                                                                                                                   |               |                        |                                                    |                                       |
| Type Financial Resp: |        |                                                                                                                                                                         |               |                        |                                                    |                                       |
| Fin Resp Rpt Due:    |        |                                                                                                                                                                         |               |                        |                                                    |                                       |
| Permit History Link: |        | <a href="https://webapps.sfm.illinois.gov/USTPortal/Permit/FacilityPermitList/2040744">https://webapps.sfm.illinois.gov/USTPortal/Permit/FacilityPermitList/2040744</a> |               |                        |                                                    |                                       |

**Tank Information**

|                        |                             |                              |             |
|------------------------|-----------------------------|------------------------------|-------------|
| <b>Tank No:</b>        | 1                           | <b>Product:</b>              | Heating Oil |
| <b>Capacity:</b>       | 1000                        | <b>CERCLA Substance:</b>     |             |
| <b>Status:</b>         | Removed                     | <b>CAS Code:</b>             |             |
| <b>Install Date:</b>   |                             | <b>OSFM First Notify Dt:</b> | Exempt      |
| <b>Abandoned Date:</b> |                             | <b>Abandoned Material:</b>   |             |
| <b>Last Used Date:</b> |                             | <b>Red Tag Issue Date:</b>   |             |
| <b>Removed Date:</b>   | 12/14/2001                  | <b>Product Date:</b>         | 12/30/1973  |
| <b>Current Age:</b>    |                             | <b>Fee Due:</b>              |             |
| <b>Petroleum Use:</b>  | Consumptive Use on Premises |                              |             |

**Owner Summary**

|                    |                           |                       |               |
|--------------------|---------------------------|-----------------------|---------------|
| <b>Owner No:</b>   | U0030392                  | <b>Owner Status:</b>  | Current Owner |
| <b>Owner Name:</b> | St Marks Episcopal Church | <b>Purchase Date:</b> |               |

**IEMA Numbers**

|                   |             |
|-------------------|-------------|
| <b>IEMA No:</b>   | Removal Log |
| <b>IEMA Link:</b> |             |

|                          |        |              |               |              |                                                     |           |
|--------------------------|--------|--------------|---------------|--------------|-----------------------------------------------------|-----------|
| <a href="#">8</a>        | 1 of 1 | N            | 0.12 / 657.09 | 739.14 / -23 | 542 CRESCENT<br>542 CRESCENT<br>GLEN ELLYN IL 60137 | FINDS/FRS |
| <b>Registry ID:</b>      |        | 110046151686 |               |              |                                                     |           |
| <b>FIPS Code:</b>        |        | 17043        |               |              |                                                     |           |
| <b>Program Acronyms:</b> |        | ACES         |               |              |                                                     |           |
| <b>HUC Code:</b>         |        | 07120004     |               |              |                                                     |           |
| <b>Site Type Name:</b>   |        | STATIONARY   |               |              |                                                     |           |

| Map Key                          | Number of Records | Direction                                                                                      | Distance (mi/ft) | Elev/Diff (ft) | Site | DB |
|----------------------------------|-------------------|------------------------------------------------------------------------------------------------|------------------|----------------|------|----|
| <b>Location Description:</b>     |                   |                                                                                                |                  |                |      |    |
| <b>Supplemental Location:</b>    |                   |                                                                                                |                  |                |      |    |
| <b>Create Date:</b>              |                   | 24-JUL-2012 12:38:14                                                                           |                  |                |      |    |
| <b>Update Date:</b>              |                   |                                                                                                |                  |                |      |    |
| <b>Interest Types:</b>           |                   | STATE MASTER                                                                                   |                  |                |      |    |
| <b>SIC Codes:</b>                |                   |                                                                                                |                  |                |      |    |
| <b>SIC Code Descriptions:</b>    |                   |                                                                                                |                  |                |      |    |
| <b>NAICS Codes:</b>              |                   |                                                                                                |                  |                |      |    |
| <b>NAICS Code Descriptions:</b>  |                   |                                                                                                |                  |                |      |    |
| <b>Conveyor:</b>                 |                   | FRS-GEOCODE                                                                                    |                  |                |      |    |
| <b>Federal Facility Code:</b>    |                   |                                                                                                |                  |                |      |    |
| <b>Federal Agency Name:</b>      |                   |                                                                                                |                  |                |      |    |
| <b>Tribal Land Code:</b>         |                   |                                                                                                |                  |                |      |    |
| <b>Tribal Land Name:</b>         |                   |                                                                                                |                  |                |      |    |
| <b>Congressional Dist No.:</b>   |                   | 06                                                                                             |                  |                |      |    |
| <b>Census Block Code:</b>        |                   | 170438422001026                                                                                |                  |                |      |    |
| <b>EPA Region Code:</b>          |                   | 05                                                                                             |                  |                |      |    |
| <b>County Name:</b>              |                   | DUPAGE                                                                                         |                  |                |      |    |
| <b>US/Mexico Border Ind:</b>     |                   |                                                                                                |                  |                |      |    |
| <b>Latitude:</b>                 |                   | 41.87655                                                                                       |                  |                |      |    |
| <b>Longitude:</b>                |                   | -88.06545                                                                                      |                  |                |      |    |
| <b>Reference Point:</b>          |                   | CENTER OF A FACILITY OR STATION                                                                |                  |                |      |    |
| <b>Coord Collection Method:</b>  |                   | ADDRESS MATCHING-HOUSE NUMBER                                                                  |                  |                |      |    |
| <b>Accuracy Value:</b>           |                   | 30                                                                                             |                  |                |      |    |
| <b>Datum:</b>                    |                   | NAD83                                                                                          |                  |                |      |    |
| <b>Source:</b>                   |                   |                                                                                                |                  |                |      |    |
| <b>Facility Detail Rprt URL:</b> |                   | http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110046151686 |                  |                |      |    |

|                                 |                                                                                            |     |               |              |                                    |      |
|---------------------------------|--------------------------------------------------------------------------------------------|-----|---------------|--------------|------------------------------------|------|
| <a href="#">9</a>               | 1 of 2                                                                                     | NNE | 0.14 / 719.93 | 739.21 / -23 | 551 CRESCENT BLVD<br>GLEN ELLYN IL | ERNS |
| <b>NRC Report No:</b>           | 1007564                                                                                    |     |               |              | <b>Latitude Degrees:</b>           |      |
| <b>Type of Incident:</b>        | RAILROAD NON-RELEASE                                                                       |     |               |              | <b>Latitude Minutes:</b>           |      |
| <b>Incident Cause:</b>          | TRESPASSER                                                                                 |     |               |              | <b>Latitude Seconds:</b>           |      |
| <b>Incident Date:</b>           | 4/2/2012 1:26:00 PM                                                                        |     |               |              | <b>Longitude Degrees:</b>          |      |
| <b>Incident Location:</b>       |                                                                                            |     |               |              | <b>Longitude Minutes:</b>          |      |
| <b>Incident Dtg:</b>            | OCCURRED                                                                                   |     |               |              | <b>Longitude Seconds:</b>          |      |
| <b>Distance from City:</b>      |                                                                                            |     |               |              | <b>Lat Quad:</b>                   |      |
| <b>Distance Units:</b>          |                                                                                            |     |               |              | <b>Long Quad:</b>                  |      |
| <b>Potential Flag:</b>          | No                                                                                         |     |               |              | <b>Location Section:</b>           |      |
| <b>Year:</b>                    | Year 2012 Reports                                                                          |     |               |              | <b>Location Township:</b>          |      |
| <b>Direction from City:</b>     |                                                                                            |     |               |              | <b>Location Range:</b>             |      |
| <b>Location County:</b>         | DU PAGE                                                                                    |     |               |              |                                    |      |
| <b>Description of Incident:</b> | A PEDESTRIAN TRESPASSER WALKED IN FRONT OF A PASSENGER TRAIN. THIS RESULTED IN A FATALITY. |     |               |              |                                    |      |

**Calls Information**

|                            |                     |                           |    |
|----------------------------|---------------------|---------------------------|----|
| <b>Date Time Received:</b> | 4/2/2012 2:43:53 PM | <b>Responsible City:</b>  |    |
| <b>Date Time Complete:</b> | 4/2/2012 2:49:51 PM | <b>Responsible State:</b> | XX |



| Map Key                            | Number of Records  | Direction | Distance (mi/ft) | Elev/Diff (ft) | Site                 | DB                                                         |
|------------------------------------|--------------------|-----------|------------------|----------------|----------------------|------------------------------------------------------------|
| Call Type:                         | INC                |           |                  |                | Responsible Zip:     |                                                            |
| Resp Company:                      |                    |           |                  |                | Source:              | TELEPHONE                                                  |
| Resp Org Type:                     | UNKNOWN            |           |                  |                |                      |                                                            |
| <b><u>Incident Information</u></b> |                    |           |                  |                |                      |                                                            |
| Tank ID:                           |                    |           |                  |                | Building ID:         |                                                            |
| Tank Regulated:                    | U                  |           |                  |                | Location Area ID:    |                                                            |
| Tank Regulated By:                 |                    |           |                  |                | Location Block ID:   |                                                            |
| Capacity of Tank:                  |                    |           |                  |                | OCSG No:             |                                                            |
| Capacity Tank Units:               |                    |           |                  |                | OCSF No:             |                                                            |
| Description of Tank:               |                    |           |                  |                | State Lease No:      |                                                            |
| Actual Amount:                     |                    |           |                  |                | Pier Dock No:        |                                                            |
| Actual Amount Units:               |                    |           |                  |                | Berth Slip No:       |                                                            |
| Tank Above Ground:                 | ABOVE              |           |                  |                | Brake Failure:       | N                                                          |
| NPDES:                             |                    |           |                  |                | Airbag Deployed:     | U                                                          |
| NPDES Compliance:                  | U                  |           |                  |                | Transport Contain:   | U                                                          |
| Init Contin Rel No:                |                    |           |                  |                | Location Subdiv:     | GENEVA                                                     |
| Contin Rel Permit:                 |                    |           |                  |                | Platform Rig Name:   |                                                            |
| Contin Release Type:               |                    |           |                  |                | Platform Letter:     |                                                            |
| Aircraft ID:                       |                    |           |                  |                | Allision:            | N                                                          |
| Aircraft Runway No:                |                    |           |                  |                | Type of Structure:   |                                                            |
| Aircraft Spot No:                  |                    |           |                  |                | Structure Name:      |                                                            |
| Aircraft Type:                     |                    |           |                  |                | Structure Oper:      | U                                                          |
| Aircraft Model:                    |                    |           |                  |                | Transit Bus Flag:    |                                                            |
| Aircraft Fuel Cap:                 |                    |           |                  |                | Date Time Norm Serv: |                                                            |
| Aircraft Fuel Cap U:               |                    |           |                  |                | Serv Disrupt Time:   |                                                            |
| Aircraft Fuel on Brd:              |                    |           |                  |                | Serv Disrupt Units:  |                                                            |
| Aircraft Fuel OB U:                |                    |           |                  |                | CR Begin Date:       |                                                            |
| Aircraft Hanger:                   |                    |           |                  |                | CR End Date:         |                                                            |
| Road Mile Marker:                  |                    |           |                  |                | CR Change Date:      |                                                            |
| Power Gen Facility:                | U                  |           |                  |                | FBI Contact:         |                                                            |
| Generating Capacity:               |                    |           |                  |                | FBI Contact Dt Tm:   |                                                            |
| Type of Fixed Obj:                 |                    |           |                  |                | Passenger Handling:  | PASSENGERS ARE WAITING ON BOARD THE TRAIN AT TIME OF CALL. |
| Type of Fuel:                      |                    |           |                  |                | Passenger Route:     | YES                                                        |
| DOT Crossing No:                   | 174948Y            |           |                  |                | Passenger Delay:     | YES                                                        |
| DOT Regulated:                     | U                  |           |                  |                | Sub Part C Test Req: | NO                                                         |
| Pipeline Type:                     |                    |           |                  |                | Conductor Test:      |                                                            |
| Pipeline Abv Ground:               | ABOVE              |           |                  |                | Engineer Test:       |                                                            |
| Pipeline Covered:                  | U                  |           |                  |                | Trainman Test:       |                                                            |
| Exposed Underwater:                | N                  |           |                  |                | Yard Foreman Test:   |                                                            |
| Railroad Hotline:                  |                    |           |                  |                | RCL Operator Test:   |                                                            |
| Railroad Milepost:                 | 22.28              |           |                  |                | Brakeman Test:       |                                                            |
| Grade Crossing:                    | Y                  |           |                  |                | Train Dispat Test:   |                                                            |
| Crossing Device Ty:                | GATES/LIGHTS/BELLS |           |                  |                | Signalman Test:      |                                                            |
| Ty Vehicle Involved:               | NONE               |           |                  |                | Oth Employee Test:   |                                                            |
| Device Operational:                | Y                  |           |                  |                | Unknown Test:        |                                                            |

**Incident Details Information**

| Map Key                     | Number of Records                 | Direction | Distance (mi/ft) | Elev/Diff (ft) | Site                         | DB                                      |
|-----------------------------|-----------------------------------|-----------|------------------|----------------|------------------------------|-----------------------------------------|
| <b>Release Secured:</b>     | Y                                 |           |                  |                | <b>State Agen Report No:</b> | EMA-RC2012-0043                         |
| <b>Release Rate:</b>        |                                   |           |                  |                | <b>State Agen on Scene:</b>  | LOCAL EMERGENCY RESPONDERS              |
| <b>Release Rate Unit:</b>   |                                   |           |                  |                | <b>State Agen Notified:</b>  | IL EMERGENCY MANAGEMENT                 |
| <b>Release Rate Rate:</b>   |                                   |           |                  |                | <b>Fed Agency Notified:</b>  | NONE                                    |
| <b>Est Duration of Rel:</b> |                                   |           |                  |                | <b>Oth Agency Notified:</b>  |                                         |
| <b>Desc Remedial Act:</b>   | EMERGENCY PERSONNEL ARE ON SCENE; |           |                  |                | <b>Body of Water:</b>        |                                         |
| <b>Fire Involved:</b>       | N                                 |           |                  |                | <b>Tributary of:</b>         |                                         |
| <b>Fire Extinguished:</b>   | U                                 |           |                  |                | <b>Near River Mile Make:</b> |                                         |
| <b>Any Evacuations:</b>     | N                                 |           |                  |                | <b>Near River Mile Mark:</b> |                                         |
| <b>Number Evacuated:</b>    |                                   |           |                  |                | <b>Offshore:</b>             | N                                       |
| <b>Who Evacuated:</b>       |                                   |           |                  |                | <b>Weather Conditions:</b>   | CLEAR                                   |
| <b>Radius of Evacu:</b>     |                                   |           |                  |                | <b>Air Temperature:</b>      | 60                                      |
| <b>Any Injuries:</b>        | N                                 |           |                  |                | <b>Wind Direction:</b>       | SE                                      |
| <b>No. Injured:</b>         |                                   |           |                  |                | <b>Wind Speed:</b>           | 12                                      |
| <b>No. Hospitalized:</b>    |                                   |           |                  |                | <b>Wind Speed Unit:</b>      | MPH                                     |
| <b>No. Fatalities:</b>      | 1                                 |           |                  |                | <b>Water Supp Contam:</b>    | U                                       |
| <b>Any Fatalities:</b>      | Y                                 |           |                  |                | <b>Water Temperature:</b>    |                                         |
| <b>Any Damages:</b>         | N                                 |           |                  |                | <b>Wave Condition:</b>       |                                         |
| <b>Damage Amount:</b>       |                                   |           |                  |                | <b>Current Speed:</b>        |                                         |
| <b>Air Corridor Closed:</b> | N                                 |           |                  |                | <b>Current Direction:</b>    |                                         |
| <b>Air Corridor Desc:</b>   |                                   |           |                  |                | <b>Current Speed Unit:</b>   |                                         |
| <b>Air Closure Time:</b>    |                                   |           |                  |                | <b>EMPL Fatality:</b>        | 0                                       |
| <b>Waterway Closed:</b>     | N                                 |           |                  |                | <b>Pass Fatality:</b>        | 0                                       |
| <b>Waterway Desc:</b>       |                                   |           |                  |                | <b>Community Impact:</b>     |                                         |
| <b>Waterway Close Time:</b> |                                   |           |                  |                | <b>Passengers Transfer:</b>  | NO                                      |
| <b>Road Closed:</b>         | N                                 |           |                  |                | <b>Passenger Injuries:</b>   |                                         |
| <b>Road Desc:</b>           |                                   |           |                  |                | <b>Employee Injuries:</b>    |                                         |
| <b>Road Closure Time:</b>   |                                   |           |                  |                | <b>Occupant Fatality:</b>    | 0                                       |
| <b>Road Closure Units:</b>  |                                   |           |                  |                | <b>Sheen Size:</b>           |                                         |
| <b>Closure Direction:</b>   |                                   |           |                  |                | <b>Sheen Size Units:</b>     |                                         |
| <b>Major Artery:</b>        | No                                |           |                  |                | <b>Sheen Size Length:</b>    |                                         |
| <b>Track Closed:</b>        | Y                                 |           |                  |                | <b>Sheen Size Length U:</b>  |                                         |
| <b>Track Desc:</b>          | TRIPLE MAIN                       |           |                  |                | <b>Sheen Size Width:</b>     |                                         |
| <b>Track Closure Time:</b>  | 0.3                               |           |                  |                | <b>Sheen Size Width U:</b>   |                                         |
| <b>Track Closure Units:</b> |                                   |           |                  |                | <b>Sheen Color:</b>          |                                         |
| <b>Track Close Dir:</b>     | ALL                               |           |                  |                | <b>Dir of Sheen Travel:</b>  |                                         |
| <b>Media Interest:</b>      | NONE                              |           |                  |                | <b>Sheen Odor Desc:</b>      |                                         |
| <b>Medium Desc:</b>         | NON-RELEASE (N/A)                 |           |                  |                | <b>Duration Unit:</b>        |                                         |
| <b>Addl Medium Info:</b>    | TRESPASSER FATALITY               |           |                  |                | <b>Additional Info:</b>      | NO ADDITIONAL INFORMATION WAS PROVIDED. |

9 2 of 2 NNE 0.14 / 719.93 739.21 / -23 551 CRESCENT BLVD GLEN ELLEN IL ERNS

**NRC Report No:** 964768  
**Type of Incident:** RAILROAD  
**Incident Cause:** OTHER  
**Incident Date:** 1/14/2011 4:37:00 PM  
**Incident Location:**  
**Incident Dtg:** DISCOVERED

**Latitude Degrees:**  
**Latitude Minutes:**  
**Latitude Seconds:**  
**Longitude Degrees:**  
**Longitude Minutes:**  
**Longitude Seconds:**

| Map Key                  | Number of Records | Direction                                                                                                            | Distance (mi/ft) | Elev/Diff (ft)     | Site | DB |
|--------------------------|-------------------|----------------------------------------------------------------------------------------------------------------------|------------------|--------------------|------|----|
| Distance from City:      |                   |                                                                                                                      |                  | Lat Quad:          |      |    |
| Distance Units:          |                   |                                                                                                                      |                  | Long Quad:         |      |    |
| Potential Flag:          | Yes               |                                                                                                                      |                  | Location Section:  |      |    |
| Year:                    | Year 2011 Reports |                                                                                                                      |                  | Location Township: |      |    |
| Direction from City:     |                   |                                                                                                                      |                  | Location Range:    |      |    |
| Location County:         |                   | DU PAGE                                                                                                              |                  |                    |      |    |
| Description of Incident: |                   | A SUSPICIOUS PACKAGE WAS FOUND ON BOARD A PASSENGER TRAIN. THE TRAIN WAS EVACUATED AND THE BOMB SQUAD IS RESPONDING. |                  |                    |      |    |

**Calls Information**

|                     |                      |                    |           |
|---------------------|----------------------|--------------------|-----------|
| Date Time Received: | 1/14/2011 6:16:29 PM | Responsible City:  |           |
| Date Time Complete: | 1/14/2011 6:23:01 PM | Responsible State: | XX        |
| Call Type:          | INC                  | Responsible Zip:   |           |
| Resp Company:       |                      | Source:            | TELEPHONE |
| Resp Org Type:      | UNKNOWN              |                    |           |

**Incident Information**

|                       |       |                      |                                                                                   |
|-----------------------|-------|----------------------|-----------------------------------------------------------------------------------|
| Tank ID:              |       | Building ID:         |                                                                                   |
| Tank Regulated:       | U     | Location Area ID:    |                                                                                   |
| Tank Regulated By:    |       | Location Block ID:   |                                                                                   |
| Capacity of Tank:     |       | OCSG No:             |                                                                                   |
| Capacity Tank Units:  |       | OCSP No:             |                                                                                   |
| Description of Tank:  |       | State Lease No:      |                                                                                   |
| Actual Amount:        |       | Pier Dock No:        |                                                                                   |
| Actual Amount Units:  |       | Berth Slip No:       |                                                                                   |
| Tank Above Ground:    | ABOVE | Brake Failure:       | N                                                                                 |
| NPDES:                |       | Airbag Deployed:     | U                                                                                 |
| NPDES Compliance:     | U     | Transport Contain:   | U                                                                                 |
| Init Contin Rel No:   |       | Location Subdiv:     | GENEVA                                                                            |
| Contin Rel Permit:    |       | Platform Rig Name:   |                                                                                   |
| Contin Release Type:  |       | Platform Letter:     |                                                                                   |
| Aircraft ID:          |       | Allision:            | N                                                                                 |
| Aircraft Runway No:   |       | Type of Structure:   |                                                                                   |
| Aircraft Spot No:     |       | Structure Name:      |                                                                                   |
| Aircraft Type:        |       | Structure Oper:      | U                                                                                 |
| Aircraft Model:       |       | Transit Bus Flag:    |                                                                                   |
| Aircraft Fuel Cap:    |       | Date Time Norm Serv: |                                                                                   |
| Aircraft Fuel Cap U:  |       | Serv Disrupt Time:   |                                                                                   |
| Aircraft Fuel on Brd: |       | Serv Disrupt Units:  |                                                                                   |
| Aircraft Fuel OB U:   |       | CR Begin Date:       |                                                                                   |
| Aircraft Hanger:      |       | CR End Date:         |                                                                                   |
| Road Mile Marker:     |       | CR Change Date:      |                                                                                   |
| Power Gen Facility:   | U     | FBI Contact:         |                                                                                   |
| Generating Capacity:  |       | FBI Contact Dt Tm:   |                                                                                   |
| Type of Fixed Obj:    |       | Passenger Handling:  | PASSENGERS WERE EVACUATED ONTO A STATION PLATFORM AND ARE WAITING AT THE STATION. |
| Type of Fuel:         |       | Passenger Route:     | YES                                                                               |
| DOT Crossing No:      |       | Passenger Delay:     | YES                                                                               |

| Map Key              | Number of Records | Direction | Distance (mi/ft) | Elev/Diff (ft) | Site                 | DB |
|----------------------|-------------------|-----------|------------------|----------------|----------------------|----|
| DOT Regulated:       | U                 |           |                  |                | Sub Part C Test Req: | NO |
| Pipeline Type:       |                   |           |                  |                | Conductor Test:      |    |
| Pipeline Abv Ground: | ABOVE             |           |                  |                | Engineer Test:       |    |
| Pipeline Covered:    | U                 |           |                  |                | Trainman Test:       |    |
| Exposed Underwater:  | N                 |           |                  |                | Yard Foreman Test:   |    |
| Railroad Hotline:    |                   |           |                  |                | RCL Operator Test:   |    |
| Railroad Milepost:   | 22.4              |           |                  |                | Brakeman Test:       |    |
| Grade Crossing:      | N                 |           |                  |                | Train Dispat Test:   |    |
| Crossing Device Ty:  |                   |           |                  |                | Signalman Test:      |    |
| Ty Vehicle Involved: |                   |           |                  |                | Oth Employee Test:   |    |
| Device Operational:  | Y                 |           |                  |                | Unknown Test:        |    |

Incident Details Information

|                      |                                |                       |               |
|----------------------|--------------------------------|-----------------------|---------------|
| Release Secured:     | U                              | State Agen Report No: | NONE          |
| Release Rate:        |                                | State Agen on Scene:  | BOMB SQUAD    |
| Release Rate Unit:   |                                | State Agen Notified:  | BOMB SQUAD    |
| Release Rate Rate:   |                                | Fed Agency Notified:  | NONE          |
| Est Duration of Rel: |                                | Oth Agency Notified:  |               |
| Desc Remedial Act:   | LOCAL BOMB SQUAD IS RESPONDING | Body of Water:        |               |
| Fire Involved:       | N                              | Tributary of:         |               |
| Fire Extinguished:   | U                              | Near River Mile Make: |               |
| Any Evacuations:     | N                              | Near River Mile Mark: |               |
| Number Evacuated:    |                                | Offshore:             | N             |
| Who Evacuated:       |                                | Weather Conditions:   | PARTLY CLOUDY |
| Radius of Evacu:     |                                | Air Temperature:      | 23            |
| Any Injuries:        | N                              | Wind Direction:       | SW            |
| No. Injured:         |                                | Wind Speed:           | 8             |
| No. Hospitalized:    |                                | Wind Speed Unit:      | MPH           |
| No. Fatalities:      |                                | Water Supp Contam:    | U             |
| Any Fatalities:      | N                              | Water Temperature:    |               |
| Any Damages:         | N                              | Wave Condition:       |               |
| Damage Amount:       |                                | Current Speed:        |               |
| Air Corridor Closed: | N                              | Current Direction:    |               |
| Air Corridor Desc:   |                                | Current Speed Unit:   |               |
| Air Closure Time:    |                                | EMPL Fatality:        |               |
| Waterway Closed:     | N                              | Pass Fatality:        |               |
| Waterway Desc:       |                                | Community Impact:     |               |
| Waterway Close Time: |                                | Passengers Transfer:  | YES           |
| Road Closed:         | N                              | Passenger Injuries:   |               |
| Road Desc:           |                                | Employee Injuries:    |               |
| Road Closure Time:   |                                | Occupant Fatality:    |               |
| Road Closure Units:  |                                | Sheen Size:           |               |
| Closure Direction:   |                                | Sheen Size Units:     |               |
| Major Artery:        | No                             | Sheen Size Length:    |               |
| Track Closed:        | N                              | Sheen Size Length U:  |               |
| Track Desc:          |                                | Sheen Size Width:     |               |
| Track Closure Time:  |                                | Sheen Size Width U:   |               |
| Track Closure Units: |                                | Sheen Color:          |               |
| Track Close Dir:     |                                | Dir of Sheen Travel:  |               |

| Map Key                         | Number of Records | Direction                                               | Distance (mi/ft) | Elev/Diff (ft)                                                  | Site                                                                               | DB              |
|---------------------------------|-------------------|---------------------------------------------------------|------------------|-----------------------------------------------------------------|------------------------------------------------------------------------------------|-----------------|
| <b>Media Interest:</b>          |                   | NONE                                                    |                  | <b>Sheen Odor Desc:</b>                                         |                                                                                    |                 |
| <b>Medium Desc:</b>             |                   | NON-RELEASE (N/A)                                       |                  | <b>Duration Unit:</b>                                           |                                                                                    |                 |
| <b>Addl Medium Info:</b>        |                   | SUSPICIOUS PACKAGE                                      |                  | <b>Additional Info:</b> NO ADDITIONAL INFORMATION WAS PROVIDED. |                                                                                    |                 |
| <a href="#">10</a>              | 1 of 1            | NNW                                                     | 0.14 / 739.15    | 738.17 / -24                                                    | CRESCENT LOT<br>505 Crescent Blvd<br>Glen Ellyn IL 60137                           | ALT FUELS       |
| <b>ID:</b>                      |                   | 117006                                                  |                  | <b>Dt Last Confirmed:</b> 2019-01-15                            |                                                                                    |                 |
| <b>Fuel Type Code:</b>          |                   | ELEC: Electric                                          |                  | <b>Expected Date:</b>                                           |                                                                                    |                 |
| <b>Status:</b>                  |                   | Open: The station is open.                              |                  | <b>Updated at:</b> 2019-01-15 10:03:05 UTC                      |                                                                                    |                 |
| <b>Open Date:</b>               |                   |                                                         |                  | <b>Station Phone:</b> 888-758-4389                              |                                                                                    |                 |
| <b>Federal Agency ID:</b>       |                   |                                                         |                  | <b>NG Vehicle Class:</b>                                        |                                                                                    |                 |
| <b>Federal Agency:</b>          |                   |                                                         |                  | <b>BD Blends:</b>                                               |                                                                                    |                 |
| <b>Fed Agency Name:</b>         |                   |                                                         |                  | <b>NG Fill Type Code:</b>                                       |                                                                                    |                 |
| <b>Owner Type Desc:</b>         |                   |                                                         |                  | <b>NG PSI:</b>                                                  |                                                                                    |                 |
| <b>Latitude:</b>                |                   | 41.8761346                                              |                  |                                                                 |                                                                                    |                 |
| <b>Longitude:</b>               |                   | -88.0677786                                             |                  |                                                                 |                                                                                    |                 |
| <b>Geocode Status Desc:</b>     |                   | The location is from a real GPS readout at the station. |                  |                                                                 |                                                                                    |                 |
| <b>Intersection Directions:</b> |                   | GLEN ELLYN; -                                           |                  |                                                                 |                                                                                    |                 |
| <b>LPG Primary Desc:</b>        |                   |                                                         |                  |                                                                 |                                                                                    |                 |
| <b>Hydrogen Status Link:</b>    |                   |                                                         |                  |                                                                 |                                                                                    |                 |
| <b>LPG Primary:</b>             |                   |                                                         |                  |                                                                 |                                                                                    |                 |
| <b>E85 Blender Pump:</b>        |                   |                                                         |                  |                                                                 |                                                                                    |                 |
| <b>E85 Blender Pump Desc:</b>   |                   |                                                         |                  |                                                                 |                                                                                    |                 |
| <b>NG Fill Type Desc:</b>       |                   |                                                         |                  |                                                                 |                                                                                    |                 |
| <b>NG V Class Desc:</b>         |                   |                                                         |                  |                                                                 |                                                                                    |                 |
| <b>Hydrogen is Retail:</b>      |                   |                                                         |                  |                                                                 |                                                                                    |                 |
| <a href="#">11</a>              | 1 of 3            | NW                                                      | 0.15 / 816.53    | 738.19 / -24                                                    | IRVING'S NUWAY LAUNDRY & CLEANERS, INC<br>496 CRESCENT BLVD<br>GLEN ELLYN IL 60137 | FED DRYCLEANERS |
| <b>FRS Facility ID:</b>         |                   | 110001344938                                            |                  |                                                                 |                                                                                    |                 |
| <b>NPDES IDs:</b>               |                   |                                                         |                  |                                                                 |                                                                                    |                 |
| <b>NAICS Codes:</b>             |                   | 812320                                                  |                  |                                                                 |                                                                                    |                 |
| <b>SIC Codes:</b>               |                   | 7216                                                    |                  |                                                                 |                                                                                    |                 |
| <b>Latitude:</b>                |                   | 41.87639                                                |                  |                                                                 |                                                                                    |                 |
| <b>Longitude:</b>               |                   | -88.06793                                               |                  |                                                                 |                                                                                    |                 |
| <a href="#">11</a>              | 2 of 3            | NW                                                      | 0.15 / 816.53    | 738.19 / -24                                                    | IRVING'S NUWAY LAUNDRY & CLEANERS, INC<br>496 CRESCENT BLVD<br>GLEN ELLYN IL 60137 | FINDS/FRS       |
| <b>Registry ID:</b>             |                   | 110001344938                                            |                  |                                                                 |                                                                                    |                 |
| <b>FIPS Code:</b>               |                   | 17043                                                   |                  |                                                                 |                                                                                    |                 |
| <b>Program Acronyms:</b>        |                   | ACES, AIR, AIRS/AFS                                     |                  |                                                                 |                                                                                    |                 |
| <b>HUC Code:</b>                |                   | 07120004                                                |                  |                                                                 |                                                                                    |                 |
| <b>Site Type Name:</b>          |                   | STATIONARY                                              |                  |                                                                 |                                                                                    |                 |



| Map Key                          | Number of Records | Direction                                                                                      | Distance (mi/ft) | Elev/Diff (ft) | Site | DB |
|----------------------------------|-------------------|------------------------------------------------------------------------------------------------|------------------|----------------|------|----|
| <b>Location Description:</b>     |                   |                                                                                                |                  |                |      |    |
| <b>Supplemental Location:</b>    |                   |                                                                                                |                  |                |      |    |
| <b>Create Date:</b>              |                   | 01-MAR-2000 00:00:00                                                                           |                  |                |      |    |
| <b>Update Date:</b>              |                   | 09-JAN-2015 14:39:19                                                                           |                  |                |      |    |
| <b>Interest Types:</b>           |                   | AIR MINOR, STATE MASTER                                                                        |                  |                |      |    |
| <b>SIC Codes:</b>                |                   | 7216                                                                                           |                  |                |      |    |
| <b>SIC Code Descriptions:</b>    |                   | DRYCLEANING PLANTS, EXCEPT RUG CLEANING                                                        |                  |                |      |    |
| <b>NAICS Codes:</b>              |                   | 812320                                                                                         |                  |                |      |    |
| <b>NAICS Code Descriptions:</b>  |                   | DRYCLEANING AND LAUNDRY SERVICES (EXCEPT COIN-OPERATED).                                       |                  |                |      |    |
| <b>Conveyor:</b>                 |                   | FRS-GEocode                                                                                    |                  |                |      |    |
| <b>Federal Facility Code:</b>    |                   |                                                                                                |                  |                |      |    |
| <b>Federal Agency Name:</b>      |                   |                                                                                                |                  |                |      |    |
| <b>Tribal Land Code:</b>         |                   |                                                                                                |                  |                |      |    |
| <b>Tribal Land Name:</b>         |                   |                                                                                                |                  |                |      |    |
| <b>Congressional Dist No.:</b>   |                   | 06                                                                                             |                  |                |      |    |
| <b>Census Block Code:</b>        |                   | 170438422001025                                                                                |                  |                |      |    |
| <b>EPA Region Code:</b>          |                   | 05                                                                                             |                  |                |      |    |
| <b>County Name:</b>              |                   | DU PAGE                                                                                        |                  |                |      |    |
| <b>US/Mexico Border Ind:</b>     |                   |                                                                                                |                  |                |      |    |
| <b>Latitude:</b>                 |                   | 41.87639                                                                                       |                  |                |      |    |
| <b>Longitude:</b>                |                   | -88.06793                                                                                      |                  |                |      |    |
| <b>Reference Point:</b>          |                   | CENTER OF A FACILITY OR STATION                                                                |                  |                |      |    |
| <b>Coord Collection Method:</b>  |                   | ADDRESS MATCHING-HOUSE NUMBER                                                                  |                  |                |      |    |
| <b>Accuracy Value:</b>           |                   | 30                                                                                             |                  |                |      |    |
| <b>Datum:</b>                    |                   | NAD83                                                                                          |                  |                |      |    |
| <b>Source:</b>                   |                   |                                                                                                |                  |                |      |    |
| <b>Facility Detail Rprt URL:</b> |                   | http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110001344938 |                  |                |      |    |

|                            |                       |    |                  |                 |                                                        |            |
|----------------------------|-----------------------|----|------------------|-----------------|--------------------------------------------------------|------------|
| <a href="#"><u>11</u></a>  | 3 of 3                | NW | 0.15 /<br>816.53 | 738.19 /<br>-24 | MARBURY CLEANERS<br>496 Cresent Blvd.<br>GLEN ELLYN IL | SPILLS     |
| <b>Incident No:</b>        | 890093                |    |                  |                 | <b>Contacted Police?:</b>                              |            |
| <b>Hazmat Incid Type:</b>  | SPILL,FIRE            |    |                  |                 | <b>Police on Scene?:</b>                               |            |
| <b>Leaking UST:</b>        |                       |    |                  |                 | <b>Police Dept Name:</b>                               |            |
| <b>Dt/Tm Occurred:</b>     | 01/17/89 1314         |    |                  |                 | <b>Sheriff Dept:</b>                                   |            |
| <b>Incident Rprt Date:</b> | 1/17/1989 2:52:00 PM  |    |                  |                 | <b>Sheriff on Scene:</b>                               |            |
| <b>Area Involved:</b>      |                       |    |                  |                 | <b>Sheriff Dept Name:</b>                              |            |
| <b>Media or Medium:</b>    |                       |    |                  |                 | <b>Other Contact?:</b>                                 |            |
| <b>Incident County:</b>    | DUPAGE                |    |                  |                 | <b>Other on Scene?:</b>                                |            |
| <b>Entered by:</b>         |                       |    |                  |                 | <b>Other Agency Name:</b>                              |            |
| <b>Data Input Status:</b>  | CLOSED                |    |                  |                 | <b>Temp:</b>                                           |            |
| <b>Caller:</b>             | JIM LARSEN            |    |                  |                 | <b>Wind:</b>                                           |            |
| <b>Caller Represents:</b>  | GLEN ELLYN FIRE DEPT. |    |                  |                 | <b>City:</b>                                           | GLEN ELLYN |
| <b>Facility Manager:</b>   |                       |    |                  |                 | <b>State:</b>                                          | ILLINOIS   |
| <b>Fac Manager Phone:</b>  |                       |    |                  |                 | <b>County:</b>                                         | DUPAGE     |
| <b>Contacted ESDA?:</b>    |                       |    |                  |                 | <b>Milepost:</b>                                       |            |
| <b>ESDA on Scene?:</b>     |                       |    |                  |                 | <b>Section:</b>                                        |            |
| <b>Spec ESDA Contact:</b>  |                       |    |                  |                 | <b>Township:</b>                                       |            |
| <b>Contact Fire Dept?:</b> |                       |    |                  |                 | <b>Range:</b>                                          |            |
| <b>Fire Dept on Scene:</b> |                       |    |                  |                 | <b>Latitude:</b>                                       |            |

| Map Key | Number of Records | Direction | Distance (mi/ft) | Elev/Diff (ft) | Site | DB |
|---------|-------------------|-----------|------------------|----------------|------|----|
|---------|-------------------|-----------|------------------|----------------|------|----|

Fire Dept Name: Longitude:

Name: MARBURY CLEANERS

Responsible Party Street: 496 CRRESENT BLVD. GLEN ELLYN,IL.

Narrative:

### Spill Agency Information

Agency Notified: FD,PD,PUBLIC WORKS

Notified Date/Time:

Notification Action: Contacted

Name of Person:

### Spill Material Information

UN NA No:

CAS No:

Chris Code:

Type: UNKNOWN

Name: MINERAL SPIRIT # 66

Container Type: OTHER, JUGS

Container Size: OTHER, JUGS

Amount Released: 3-4 GALLONS

Release Duration:

Date Time Discover:

Check If Unknown Discovered:

Date Time Incident Occurred: 01/17/89 1314

Check If Unknown Occurrence:

Proper Safety Precautions:

Assist Needed from State:

Cleanup Actions and Plans: PETRO CHEM TO CLEAN UP

Release Rate Min:

Cause of Release: FIRE

302 A Extrm Haz?:

RCRA Haz Waste?:

RCRA Regulated?:

Est Spill Extent:

Spill Extent Units:

Where Taken: NONE

On Scene Contact:

No of People Evac: NONE

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1 of 2

NNW

0.16 /  
833.66

736.26 /  
-26

SHERWIN-WILLIAMS CO THE  
479 MAIN ST  
GLEN ELLYN IL 60137

FINDS/FRS

Registry ID: 110005809660

FIPS Code: 17043

Program Acronyms: RCRAINFO

HUC Code: 07120004

Site Type Name: STATIONARY

Location Description:

Supplemental Location:

Create Date: 01-MAR-2000 00:00:00

Update Date: 26-JAN-2012 13:15:44

Interest Types: UNSPECIFIED UNIVERSE

SIC Codes:

SIC Code Descriptions:

NAICS Codes:

NAICS Code Descriptions:

Conveyor: FRS-GEOCODE

| Map Key                   | Number of<br>Records | Direction                                                                                      | Distance<br>(mi/ft) | Elev/Diff<br>(ft) | Site | DB |  |  |  |  |
|---------------------------|----------------------|------------------------------------------------------------------------------------------------|---------------------|-------------------|------|----|--|--|--|--|
| Federal Facility Code:    |                      |                                                                                                |                     |                   |      |    |  |  |  |  |
| Federal Agency Name:      |                      |                                                                                                |                     |                   |      |    |  |  |  |  |
| Tribal Land Code:         |                      |                                                                                                |                     |                   |      |    |  |  |  |  |
| Tribal Land Name:         |                      |                                                                                                |                     |                   |      |    |  |  |  |  |
| Congressional Dist No.:   |                      | 06                                                                                             |                     |                   |      |    |  |  |  |  |
| Census Block Code:        |                      | 170438422001017                                                                                |                     |                   |      |    |  |  |  |  |
| EPA Region Code:          |                      | 05                                                                                             |                     |                   |      |    |  |  |  |  |
| County Name:              |                      | DU PAGE                                                                                        |                     |                   |      |    |  |  |  |  |
| US/Mexico Border Ind:     |                      |                                                                                                |                     |                   |      |    |  |  |  |  |
| Latitude:                 |                      | 41.8769                                                                                        |                     |                   |      |    |  |  |  |  |
| Longitude:                |                      | -88.06672                                                                                      |                     |                   |      |    |  |  |  |  |
| Reference Point:          |                      | CENTER OF A FACILITY OR STATION                                                                |                     |                   |      |    |  |  |  |  |
| Coord Collection Method:  |                      | ADDRESS MATCHING-HOUSE NUMBER                                                                  |                     |                   |      |    |  |  |  |  |
| Accuracy Value:           |                      | 30                                                                                             |                     |                   |      |    |  |  |  |  |
| Datum:                    |                      | NAD83                                                                                          |                     |                   |      |    |  |  |  |  |
| Source:                   |                      |                                                                                                |                     |                   |      |    |  |  |  |  |
| Facility Detail Rprt URL: |                      | http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110005809660 |                     |                   |      |    |  |  |  |  |

[12](#)

2 of 2

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0.16 /  
833.66736.26 /  
-26SHERWIN-WILLIAMS CO THE  
479 MAIN ST  
GLEN ELLYN IL 60137RCRA  
NON GEN

**EPA Handler ID:** ILD000669317  
**Gen Status Universe:** No Report  
**Contact Name:** D ALEXANDER  
**Contact Address:** 479 MAIN ST , , GLEN ELLYN , IL, 60137 , US  
**Contact Phone No and Ext:** 216-566-2889  
**Contact Email:**  
**Contact Country:** US  
**County Name:** DU PAGE  
**EPA Region:** 05  
**Land Type:**  
**Receive Date:** 19800818

**Violation/Evaluation Summary**

**Note:** NO RECORDS: As of Dec 2018, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

**Handler Summary**

**Importer Activity:** No  
**Mixed Waste Generator:** No  
**Transporter Activity:** No  
**Transfer Facility:** No  
**Onsite Burner Exemption:** No  
**Furnace Exemption:** No  
**Underground Injection Activity:** No  
**Commercial TSD:** No  
**Used Oil Transporter:** No

| Map Key                            | Number of Records | Direction | Distance (mi/ft) | Elev/Diff (ft) | Site | DB |
|------------------------------------|-------------------|-----------|------------------|----------------|------|----|
| <b>Used Oil Transfer Facility:</b> |                   | No        |                  |                |      |    |
| <b>Used Oil Processor:</b>         |                   | No        |                  |                |      |    |
| <b>Used Oil Refiner:</b>           |                   | No        |                  |                |      |    |
| <b>Used Oil Burner:</b>            |                   | No        |                  |                |      |    |
| <b>Used Oil Market Burner:</b>     |                   | No        |                  |                |      |    |
| <b>Used Oil Spec Marketer:</b>     |                   | No        |                  |                |      |    |

**Hazardous Waste Handler Details**

**Sequence No:** 1  
**Receive Date:** 19800818  
**Handler Name:** SHERWIN-WILLIAMS CO THE  
**Generator Status Universe:** No Report  
**Source Type:** Notification

**Waste Code Details**

**Hazardous Waste Code:** D000  
**Waste Code Description:** DESCRIPTION

**Hazardous Waste Code:** D003  
**Waste Code Description:** REACTIVE WASTE

**Hazardous Waste Code:** F002  
**Waste Code Description:** THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

**Hazardous Waste Code:** U031  
**Waste Code Description:** 1-BUTANOL (I) (OR) N-BUTYL ALCOHOL (I)

**Hazardous Waste Code:** U161  
**Waste Code Description:** 4-METHYL-2-PENTANONE (I) (OR) METHYL ISOBUTYL KETONE (I) (OR) PENTANOL, 4-METHYL-

**Hazardous Waste Code:** F017  
**Waste Code Description:** DESCRIPTION

**Hazardous Waste Code:** U002  
**Waste Code Description:** 2-PROPANONE (I) (OR) ACETONE (I)

**Hazardous Waste Code:** D001  
**Waste Code Description:** IGNITABLE WASTE

**Hazardous Waste Code:** D002  
**Waste Code Description:** CORROSIVE WASTE

**Hazardous Waste Code:** F003  
**Waste Code Description:** THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL

| Map Key                        | Number of Records | Direction                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Distance (mi/ft) | Elev/Diff (ft) | Site                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | DB |
|--------------------------------|-------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|
|                                |                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                  |                | BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES. |    |
| <b>Hazardous Waste Code:</b>   |                   | P090                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                  |                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |    |
| <b>Waste Code Description:</b> |                   | DESCRIPTION                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                  |                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |    |
| <b>Hazardous Waste Code:</b>   |                   | U154                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                  |                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |    |
| <b>Waste Code Description:</b> |                   | METHANOL (I) (OR) METHYL ALCOHOL (I)                                                                                                                                                                                                                                                                                                                                                                                                                               |                  |                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |    |
| <b>Hazardous Waste Code:</b>   |                   | U159                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                  |                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |    |
| <b>Waste Code Description:</b> |                   | 2-BUTANONE (I,T) (OR) METHYL ETHYL KETONE (MEK) (I,T)                                                                                                                                                                                                                                                                                                                                                                                                              |                  |                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |    |
| <b>Hazardous Waste Code:</b>   |                   | F005                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                  |                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |    |
| <b>Waste Code Description:</b> |                   | THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES. |                  |                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |    |
| <b>Hazardous Waste Code:</b>   |                   | U112                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                  |                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |    |
| <b>Waste Code Description:</b> |                   | ACETIC ACID, ETHYL ESTER (I) (OR) ETHYL ACETATE (I)                                                                                                                                                                                                                                                                                                                                                                                                                |                  |                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |    |
| <b>Hazardous Waste Code:</b>   |                   | U239                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                  |                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |    |
| <b>Waste Code Description:</b> |                   | BENZENE, DIMETHYL- (I,T) (OR) XYLENE (I)                                                                                                                                                                                                                                                                                                                                                                                                                           |                  |                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |    |
| <b>Hazardous Waste Code:</b>   |                   | F018                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                  |                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |    |
| <b>Waste Code Description:</b> |                   | DESCRIPTION                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                  |                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |    |
| <b>Hazardous Waste Code:</b>   |                   | U150                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                  |                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |    |
| <b>Waste Code Description:</b> |                   | L-PHENYLALANINE, 4-[BIS(2-CHLOROETHYL)AMINO]- (OR) MELPHALAN                                                                                                                                                                                                                                                                                                                                                                                                       |                  |                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |    |
| <b>Hazardous Waste Code:</b>   |                   | U220                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                  |                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |    |
| <b>Waste Code Description:</b> |                   | BENZENE, METHYL- (OR) TOLUENE                                                                                                                                                                                                                                                                                                                                                                                                                                      |                  |                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |    |

Owner/Operator Details

|                             |                   |                   |                      |
|-----------------------------|-------------------|-------------------|----------------------|
| <b>Owner/Operator Ind:</b>  | Current Operator  | <b>Street No:</b> |                      |
| <b>Type:</b>                | Private           | <b>Street 1:</b>  | ADDRESS NOT REPORTED |
| <b>Name:</b>                | NAME NOT REPORTED | <b>Street 2:</b>  |                      |
| <b>Date Became Current:</b> |                   | <b>City:</b>      | CITY NOT REPORTED    |
| <b>Date Ended Current:</b>  |                   | <b>State:</b>     | AK                   |
| <b>Phone:</b>               | 312-555-1212      | <b>Country:</b>   |                      |
| <b>Source Type:</b>         | Notification      | <b>Zip Code:</b>  | 99998                |
| <b>Owner/Operator Ind:</b>  | Current Owner     | <b>Street No:</b> |                      |
| <b>Type:</b>                | Private           | <b>Street 1:</b>  | ADDRESS NOT REPORTED |
| <b>Name:</b>                | NAME NOT REPORTED | <b>Street 2:</b>  |                      |



| Map Key                     | Number of Records | Direction | Distance (mi/ft) | Elev/Diff (ft) | Site              | DB    |
|-----------------------------|-------------------|-----------|------------------|----------------|-------------------|-------|
| <b>Date Became Current:</b> |                   |           |                  | <b>City:</b>   | CITY NOT REPORTED |       |
| <b>Date Ended Current:</b>  |                   |           |                  | <b>State:</b>  | AK                |       |
| <b>Phone:</b>               | 312-555-1212      |           |                  |                | <b>Country:</b>   |       |
| <b>Source Type:</b>         | Notification      |           |                  |                | <b>Zip Code:</b>  | 99998 |

|                                  |        |                                                                                                |               |              |                                                                   |           |
|----------------------------------|--------|------------------------------------------------------------------------------------------------|---------------|--------------|-------------------------------------------------------------------|-----------|
| <a href="#">13</a>               | 1 of 2 | NNE                                                                                            | 0.16 / 860.16 | 735.42 / -27 | GEARHEAD AUTO REPAIR INC<br>474 FOREST AVE<br>GLEN ELLYN IL 60137 | FINDS/FRS |
| <b>Registry ID:</b>              |        | 110005855155                                                                                   |               |              |                                                                   |           |
| <b>FIPS Code:</b>                |        | 17043                                                                                          |               |              |                                                                   |           |
| <b>Program Acronyms:</b>         |        | ACES, RCRAINFO                                                                                 |               |              |                                                                   |           |
| <b>HUC Code:</b>                 |        | 07120004                                                                                       |               |              |                                                                   |           |
| <b>Site Type Name:</b>           |        | STATIONARY                                                                                     |               |              |                                                                   |           |
| <b>Location Description:</b>     |        |                                                                                                |               |              |                                                                   |           |
| <b>Supplemental Location:</b>    |        |                                                                                                |               |              |                                                                   |           |
| <b>Create Date:</b>              |        | 01-MAR-2000 00:00:00                                                                           |               |              |                                                                   |           |
| <b>Update Date:</b>              |        | 26-JAN-2012 13:53:18                                                                           |               |              |                                                                   |           |
| <b>Interest Types:</b>           |        | SQG, STATE MASTER                                                                              |               |              |                                                                   |           |
| <b>SIC Codes:</b>                |        |                                                                                                |               |              |                                                                   |           |
| <b>SIC Code Descriptions:</b>    |        |                                                                                                |               |              |                                                                   |           |
| <b>NAICS Codes:</b>              |        |                                                                                                |               |              |                                                                   |           |
| <b>NAICS Code Descriptions:</b>  |        |                                                                                                |               |              |                                                                   |           |
| <b>Conveyor:</b>                 |        | FRS-GEOCODE                                                                                    |               |              |                                                                   |           |
| <b>Federal Facility Code:</b>    |        |                                                                                                |               |              |                                                                   |           |
| <b>Federal Agency Name:</b>      |        |                                                                                                |               |              |                                                                   |           |
| <b>Tribal Land Code:</b>         |        |                                                                                                |               |              |                                                                   |           |
| <b>Tribal Land Name:</b>         |        |                                                                                                |               |              |                                                                   |           |
| <b>Congressional Dist No.:</b>   |        | 06                                                                                             |               |              |                                                                   |           |
| <b>Census Block Code:</b>        |        | 170438422001016                                                                                |               |              |                                                                   |           |
| <b>EPA Region Code:</b>          |        | 05                                                                                             |               |              |                                                                   |           |
| <b>County Name:</b>              |        | DU PAGE                                                                                        |               |              |                                                                   |           |
| <b>US/Mexico Border Ind:</b>     |        |                                                                                                |               |              |                                                                   |           |
| <b>Latitude:</b>                 |        | 41.8771                                                                                        |               |              |                                                                   |           |
| <b>Longitude:</b>                |        | -88.06494                                                                                      |               |              |                                                                   |           |
| <b>Reference Point:</b>          |        | CENTER OF A FACILITY OR STATION                                                                |               |              |                                                                   |           |
| <b>Coord Collection Method:</b>  |        | ADDRESS MATCHING-HOUSE NUMBER                                                                  |               |              |                                                                   |           |
| <b>Accuracy Value:</b>           |        | 30                                                                                             |               |              |                                                                   |           |
| <b>Datum:</b>                    |        | NAD83                                                                                          |               |              |                                                                   |           |
| <b>Source:</b>                   |        |                                                                                                |               |              |                                                                   |           |
| <b>Facility Detail Rprt URL:</b> |        | http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110005855155 |               |              |                                                                   |           |

|                                  |        |                                                |               |              |                                                                   |          |
|----------------------------------|--------|------------------------------------------------|---------------|--------------|-------------------------------------------------------------------|----------|
| <a href="#">13</a>               | 2 of 2 | NNE                                            | 0.16 / 860.16 | 735.42 / -27 | GEARHEAD AUTO REPAIR INC<br>474 FOREST AVE<br>GLEN ELLYN IL 60137 | RCRA SQG |
| <b>EPA Handler ID:</b>           |        | ILD981189541                                   |               |              |                                                                   |          |
| <b>Gen Status Universe:</b>      |        | Small Quantity Generator                       |               |              |                                                                   |          |
| <b>Contact Name:</b>             |        | DAN O'BRILL                                    |               |              |                                                                   |          |
| <b>Contact Address:</b>          |        | 474 FOREST AVE , , GLEN ELLYN , IL, 60137 , US |               |              |                                                                   |          |
| <b>Contact Phone No and Ext:</b> |        | 630-858-8630                                   |               |              |                                                                   |          |

| Map Key                 | Number of Records | Direction | Distance (mi/ft) | Elev/Diff (ft) | Site | DB |
|-------------------------|-------------------|-----------|------------------|----------------|------|----|
| <b>Contact Email:</b>   |                   |           |                  |                |      |    |
| <b>Contact Country:</b> |                   | US        |                  |                |      |    |
| <b>County Name:</b>     |                   | DU PAGE   |                  |                |      |    |
| <b>EPA Region:</b>      |                   | 05        |                  |                |      |    |
| <b>Land Type:</b>       |                   | Private   |                  |                |      |    |
| <b>Receive Date:</b>    |                   | 20060327  |                  |                |      |    |

**Violation/Evaluation Summary**

**Note:** NO RECORDS: As of Dec 2018, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

**Handler Summary**

**Importer Activity:** No  
**Mixed Waste Generator:** No  
**Transporter Activity:** No  
**Transfer Facility:** No  
**Onsite Burner Exemption:** No  
**Furnace Exemption:** No  
**Underground Injection Activity:** No  
**Commercial TSD:** No  
**Used Oil Transporter:** No  
**Used Oil Transfer Facility:** No  
**Used Oil Processor:** No  
**Used Oil Refiner:** No  
**Used Oil Burner:** No  
**Used Oil Market Burner:** No  
**Used Oil Spec Marketer:** No

**Hazardous Waste Handler Details**

**Sequence No:** 2  
**Receive Date:** 20060327  
**Handler Name:** GEARHEAD AUTO REPAIR INC  
**Generator Status Universe:** Small Quantity Generator  
**Source Type:** Notification

**Hazardous Waste Handler Details**

**Sequence No:** 1  
**Receive Date:** 19851227  
**Handler Name:** AUTO BODY VILLAGE INC  
**Generator Status Universe:** Small Quantity Generator  
**Source Type:** Notification

**Waste Code Details**

| Map Key                        | Number of Records | Direction       | Distance (mi/ft) | Elev/Diff (ft) | Site | DB |
|--------------------------------|-------------------|-----------------|------------------|----------------|------|----|
| <b>Hazardous Waste Code:</b>   |                   | D001            |                  |                |      |    |
| <b>Waste Code Description:</b> |                   | IGNITABLE WASTE |                  |                |      |    |

Owner/Operator Details

|                             |                   |                   |                      |
|-----------------------------|-------------------|-------------------|----------------------|
| <b>Owner/Operator Ind:</b>  | Current Operator  | <b>Street No:</b> |                      |
| <b>Type:</b>                | Private           | <b>Street 1:</b>  | ADDRESS NOT REPORTED |
| <b>Name:</b>                | NAME NOT REPORTED | <b>Street 2:</b>  |                      |
| <b>Date Became Current:</b> |                   | <b>City:</b>      | CITY NOT REPORTED    |
| <b>Date Ended Current:</b>  |                   | <b>State:</b>     | AK                   |
| <b>Phone:</b>               | 312-555-1212      | <b>Country:</b>   |                      |
| <b>Source Type:</b>         | Notification      | <b>Zip Code:</b>  | 99998                |
| <b>Owner/Operator Ind:</b>  | Current Owner     | <b>Street No:</b> |                      |
| <b>Type:</b>                | Private           | <b>Street 1:</b>  | ADDRESS NOT REPORTED |
| <b>Name:</b>                | FOCHT JAMES H     | <b>Street 2:</b>  |                      |
| <b>Date Became Current:</b> |                   | <b>City:</b>      | CITY NOT REPORTED    |
| <b>Date Ended Current:</b>  |                   | <b>State:</b>     | AK                   |
| <b>Phone:</b>               | 312-555-1212      | <b>Country:</b>   |                      |
| <b>Source Type:</b>         | Notification      | <b>Zip Code:</b>  | 99998                |

[14](#)

1 of 1

NNW

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882.47737.40 /  
-25480 N MAIN  
480 N MAIN  
GLEN ELLYN IL 60137

FINDS/FRS

**Registry ID:** 110030824482  
**FIPS Code:** 17043  
**Program Acronyms:** ACES  
**HUC Code:** 07120004  
**Site Type Name:** STATIONARY  
**Location Description:**  
**Supplemental Location:**  
**Create Date:** 17-AUG-2007 12:40:22  
**Update Date:** 29-DEC-2014 11:22:05  
**Interest Types:** STATE MASTER  
**SIC Codes:**  
**SIC Code Descriptions:**  
**NAICS Codes:**  
**NAICS Code Descriptions:**  
**Conveyor:** FRS-GEOCODE  
**Federal Facility Code:**  
**Federal Agency Name:**  
**Tribal Land Code:**  
**Tribal Land Name:**  
**Congressional Dist No.:** 06  
**Census Block Code:** 170438422001017  
**EPA Region Code:** 05  
**County Name:** DUPAGE  
**US/Mexico Border Ind:**  
**Latitude:** 41.87693  
**Longitude:** -88.06672

| Map Key                          | Number of Records | Direction                                                                                      | Distance (mi/ft) | Elev/Diff (ft) | Site                                                                  | DB              |
|----------------------------------|-------------------|------------------------------------------------------------------------------------------------|------------------|----------------|-----------------------------------------------------------------------|-----------------|
| <b>Reference Point:</b>          |                   | CENTER OF A FACILITY OR STATION                                                                |                  |                |                                                                       |                 |
| <b>Coord Collection Method:</b>  |                   | ADDRESS MATCHING-HOUSE NUMBER                                                                  |                  |                |                                                                       |                 |
| <b>Accuracy Value:</b>           |                   | 30                                                                                             |                  |                |                                                                       |                 |
| <b>Datum:</b>                    |                   | NAD83                                                                                          |                  |                |                                                                       |                 |
| <b>Source:</b>                   |                   |                                                                                                |                  |                |                                                                       |                 |
| <b>Facility Detail Rprt URL:</b> |                   | http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110030824482 |                  |                |                                                                       |                 |
| <a href="#">15</a>               | 1 of 2            | ENE                                                                                            | 0.17 / 922.62    | 752.68 / -10   | GLENBARD FAMILY PRACTICE<br>444 PARK BLVD<br>GLEN ELLYN IL 60137-4622 | FINDS/FRS       |
| <b>Registry ID:</b>              |                   | 110021007275                                                                                   |                  |                |                                                                       |                 |
| <b>FIPS Code:</b>                |                   | 17043                                                                                          |                  |                |                                                                       |                 |
| <b>Program Acronyms:</b>         |                   | ACES, BR, RCRAINFO                                                                             |                  |                |                                                                       |                 |
| <b>HUC Code:</b>                 |                   | 07120004                                                                                       |                  |                |                                                                       |                 |
| <b>Site Type Name:</b>           |                   | STATIONARY                                                                                     |                  |                |                                                                       |                 |
| <b>Location Description:</b>     |                   |                                                                                                |                  |                |                                                                       |                 |
| <b>Supplemental Location:</b>    |                   |                                                                                                |                  |                |                                                                       |                 |
| <b>Create Date:</b>              |                   | 05-MAY-2005 11:43:04                                                                           |                  |                |                                                                       |                 |
| <b>Update Date:</b>              |                   | 26-JAN-2012 16:21:09                                                                           |                  |                |                                                                       |                 |
| <b>Interest Types:</b>           |                   | HAZARDOUS WASTE BIENNIAL REPORTER, STATE MASTER, UNSPECIFIED UNIVERSE                          |                  |                |                                                                       |                 |
| <b>SIC Codes:</b>                |                   |                                                                                                |                  |                |                                                                       |                 |
| <b>SIC Code Descriptions:</b>    |                   |                                                                                                |                  |                |                                                                       |                 |
| <b>NAICS Codes:</b>              |                   | 621111                                                                                         |                  |                |                                                                       |                 |
| <b>NAICS Code Descriptions:</b>  |                   | OFFICES OF PHYSICIANS (EXCEPT MENTAL HEALTH SPECIALISTS).                                      |                  |                |                                                                       |                 |
| <b>Conveyor:</b>                 |                   | FRS-GEOCODE                                                                                    |                  |                |                                                                       |                 |
| <b>Federal Facility Code:</b>    |                   |                                                                                                |                  |                |                                                                       |                 |
| <b>Federal Agency Name:</b>      |                   |                                                                                                |                  |                |                                                                       |                 |
| <b>Tribal Land Code:</b>         |                   |                                                                                                |                  |                |                                                                       |                 |
| <b>Tribal Land Name:</b>         |                   |                                                                                                |                  |                |                                                                       |                 |
| <b>Congressional Dist No.:</b>   |                   | 06                                                                                             |                  |                |                                                                       |                 |
| <b>Census Block Code:</b>        |                   | 170438427061015                                                                                |                  |                |                                                                       |                 |
| <b>EPA Region Code:</b>          |                   | 05                                                                                             |                  |                |                                                                       |                 |
| <b>County Name:</b>              |                   | DU PAGE                                                                                        |                  |                |                                                                       |                 |
| <b>US/Mexico Border Ind:</b>     |                   |                                                                                                |                  |                |                                                                       |                 |
| <b>Latitude:</b>                 |                   | 41.846788                                                                                      |                  |                |                                                                       |                 |
| <b>Longitude:</b>                |                   | -88.062271                                                                                     |                  |                |                                                                       |                 |
| <b>Reference Point:</b>          |                   | ENTRANCE POINT OF A FACILITY OR STATION                                                        |                  |                |                                                                       |                 |
| <b>Coord Collection Method:</b>  |                   | ADDRESS MATCHING-HOUSE NUMBER                                                                  |                  |                |                                                                       |                 |
| <b>Accuracy Value:</b>           |                   | 150                                                                                            |                  |                |                                                                       |                 |
| <b>Datum:</b>                    |                   | NAD83                                                                                          |                  |                |                                                                       |                 |
| <b>Source:</b>                   |                   |                                                                                                |                  |                |                                                                       |                 |
| <b>Facility Detail Rprt URL:</b> |                   | http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110021007275 |                  |                |                                                                       |                 |
| <a href="#">15</a>               | 2 of 2            | ENE                                                                                            | 0.17 / 922.62    | 752.68 / -10   | GLENBARD FAMILY PRACTICE<br>444 PARK BLVD<br>GLEN ELLYN IL 60137      | RCRA<br>NON GEN |
| <b>EPA Handler ID:</b>           |                   | ILR000134460                                                                                   |                  |                |                                                                       |                 |
| <b>Gen Status Universe:</b>      |                   | No Report                                                                                      |                  |                |                                                                       |                 |

| Map Key                   | Number of Records | Direction    | Distance (mi/ft) | Elev/Diff (ft) | Site | DB |
|---------------------------|-------------------|--------------|------------------|----------------|------|----|
| <hr/>                     |                   |              |                  |                |      |    |
| Contact Name:             |                   | ROGER PIERCE |                  |                |      |    |
| Contact Address:          |                   | US           |                  |                |      |    |
| Contact Phone No and Ext: |                   | 630-614-4900 |                  |                |      |    |
| Contact Email:            |                   |              |                  |                |      |    |
| Contact Country:          |                   | US           |                  |                |      |    |
| County Name:              |                   | DU PAGE      |                  |                |      |    |
| EPA Region:               |                   | 05           |                  |                |      |    |
| Land Type:                |                   | Private      |                  |                |      |    |
| Receive Date:             |                   | 20060301     |                  |                |      |    |

Violation/Evaluation Summary

**Note:** NO RECORDS: As of Dec 2018, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

**Importer Activity:** No  
**Mixed Waste Generator:** No  
**Transporter Activity:** No  
**Transfer Facility:** No  
**Onsite Burner Exemption:** No  
**Furnace Exemption:** No  
**Underground Injection Activity:** No  
**Commercial TSD:** No  
**Used Oil Transporter:** No  
**Used Oil Transfer Facility:** No  
**Used Oil Processor:** No  
**Used Oil Refiner:** No  
**Used Oil Burner:** No  
**Used Oil Market Burner:** No  
**Used Oil Spec Marketer:** No

Hazardous Waste Handler Details

**Sequence No:** 1  
**Receive Date:** 20060301  
**Handler Name:** GLENBARD FAMILY PRACTICE  
**Generator Status Universe:** No Report  
**Source Type:** Annual/Biennial Report

Hazardous Waste Handler Details

**Sequence No:** 1  
**Receive Date:** 20050321  
**Handler Name:** GLENBARD FAMILY PRACTICE  
**Generator Status Universe:** No Report  
**Source Type:** Notification



| Map Key                       | Number of Records        | Direction | Distance (mi/ft) | Elev/Diff (ft) | Site                  | DB |
|-------------------------------|--------------------------|-----------|------------------|----------------|-----------------------|----|
| <u>Waste Code Details</u>     |                          |           |                  |                |                       |    |
| Hazardous Waste Code:         | D009                     |           |                  |                |                       |    |
| Waste Code Description:       | MERCURY                  |           |                  |                |                       |    |
| <u>Owner/Operator Details</u> |                          |           |                  |                |                       |    |
| Owner/Operator Ind:           | Current Operator         |           |                  | Street No:     |                       |    |
| Type:                         | Private                  |           |                  | Street 1:      | 1800 N MAIN ST 2ND FL |    |
| Name:                         | CENTRAL DUPAGE HEALTH    |           |                  | Street 2:      |                       |    |
| Date Became Current:          | 19990101                 |           |                  | City:          | WHEATON               |    |
| Date Ended Current:           |                          |           |                  | State:         | IL                    |    |
| Phone:                        |                          |           |                  | Country:       | US                    |    |
| Source Type:                  | Annual/Biennial Report   |           |                  | Zip Code:      | 60187                 |    |
| Owner/Operator Ind:           | Current Owner            |           |                  | Street No:     |                       |    |
| Type:                         | Private                  |           |                  | Street 1:      | 1800 N MAIN           |    |
| Name:                         | CENTRAL DUPAGE HEALTH    |           |                  | Street 2:      |                       |    |
| Date Became Current:          | 19990101                 |           |                  | City:          | WHEATON               |    |
| Date Ended Current:           |                          |           |                  | State:         | IL                    |    |
| Phone:                        |                          |           |                  | Country:       | US                    |    |
| Source Type:                  | Annual/Biennial Report   |           |                  | Zip Code:      | 60187                 |    |
| Owner/Operator Ind:           | Current Operator         |           |                  | Street No:     |                       |    |
| Type:                         | Private                  |           |                  | Street 1:      |                       |    |
| Name:                         | GLENBARD FAMILY PRACTICE |           |                  | Street 2:      |                       |    |
| Date Became Current:          | 20050321                 |           |                  | City:          |                       |    |
| Date Ended Current:           |                          |           |                  | State:         |                       |    |
| Phone:                        |                          |           |                  | Country:       | US                    |    |
| Source Type:                  | Notification             |           |                  | Zip Code:      |                       |    |
| Owner/Operator Ind:           | Current Owner            |           |                  | Street No:     |                       |    |
| Type:                         | Private                  |           |                  | Street 1:      |                       |    |
| Name:                         | GLENBARD FAMILY PRACTICE |           |                  | Street 2:      |                       |    |
| Date Became Current:          | 20050321                 |           |                  | City:          |                       |    |
| Date Ended Current:           |                          |           |                  | State:         |                       |    |
| Phone:                        |                          |           |                  | Country:       | US                    |    |
| Source Type:                  | Notification             |           |                  | Zip Code:      |                       |    |

[16](#)

1 of 2

NW

0.18 /  
962.02742.20 /  
-20FANTASY AMUSEMENT CO  
CRESCENT & GLENWOOD  
GLEN ELLYN IL 60137

FINDS/FRS

Registry ID: 110018231073  
 FIPS Code: 17043  
 Program Acronyms: ACES  
 HUC Code: 07120004  
 Site Type Name: STATIONARY  
 Location Description:  
 Supplemental Location:

| Map Key                          | Number of Records | Direction                                                                                      | Distance (mi/ft) | Elev/Diff (ft) | Site | DB |
|----------------------------------|-------------------|------------------------------------------------------------------------------------------------|------------------|----------------|------|----|
| <b>Create Date:</b>              |                   | 19-OCT-2004 10:40:49                                                                           |                  |                |      |    |
| <b>Update Date:</b>              |                   | 17-MAR-2006 22:23:11                                                                           |                  |                |      |    |
| <b>Interest Types:</b>           |                   | STATE MASTER                                                                                   |                  |                |      |    |
| <b>SIC Codes:</b>                |                   |                                                                                                |                  |                |      |    |
| <b>SIC Code Descriptions:</b>    |                   |                                                                                                |                  |                |      |    |
| <b>NAICS Codes:</b>              |                   |                                                                                                |                  |                |      |    |
| <b>NAICS Code Descriptions:</b>  |                   |                                                                                                |                  |                |      |    |
| <b>Conveyor:</b>                 |                   | FRS                                                                                            |                  |                |      |    |
| <b>Federal Facility Code:</b>    |                   |                                                                                                |                  |                |      |    |
| <b>Federal Agency Name:</b>      |                   |                                                                                                |                  |                |      |    |
| <b>Tribal Land Code:</b>         |                   |                                                                                                |                  |                |      |    |
| <b>Tribal Land Name:</b>         |                   |                                                                                                |                  |                |      |    |
| <b>Congressional Dist No.:</b>   |                   | 06                                                                                             |                  |                |      |    |
| <b>Census Block Code:</b>        |                   | 170438422001024                                                                                |                  |                |      |    |
| <b>EPA Region Code:</b>          |                   | 05                                                                                             |                  |                |      |    |
| <b>County Name:</b>              |                   | DUPAGE                                                                                         |                  |                |      |    |
| <b>US/Mexico Border Ind:</b>     |                   |                                                                                                |                  |                |      |    |
| <b>Latitude:</b>                 |                   | 41.876426                                                                                      |                  |                |      |    |
| <b>Longitude:</b>                |                   | -88.068421                                                                                     |                  |                |      |    |
| <b>Reference Point:</b>          |                   |                                                                                                |                  |                |      |    |
| <b>Coord Collection Method:</b>  |                   | ADDRESS MATCHING-HOUSE NUMBER                                                                  |                  |                |      |    |
| <b>Accuracy Value:</b>           |                   | 150                                                                                            |                  |                |      |    |
| <b>Datum:</b>                    |                   | NAD83                                                                                          |                  |                |      |    |
| <b>Source:</b>                   |                   |                                                                                                |                  |                |      |    |
| <b>Facility Detail Rprt URL:</b> |                   | http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110018231073 |                  |                |      |    |

|                     |        |                      |               |                    |                                                                |        |
|---------------------|--------|----------------------|---------------|--------------------|----------------------------------------------------------------|--------|
| <a href="#">16</a>  | 2 of 2 | NW                   | 0.18 / 962.02 | 742.20 / -20       | FANTASY AMUSEMENT<br>CRESCENT & GLENWOOD AVE.<br>GLEN ELLYN IL | SPILLS |
| Incident No:        |        | 960833               |               | Contacted Police?: |                                                                |        |
| Hazmat Incid Type:  |        | SPILL                |               | Police on Scene?:  |                                                                |        |
| Leaking UST:        |        |                      |               | Police Dept Name:  |                                                                |        |
| Dt/Tm Occurred:     |        | 05/15/96 1600        |               | Sheriff Dept:      |                                                                |        |
| Incident Rprt Date: |        | 5/15/1996 7:28:00 PM |               | Sheriff on Scene:  |                                                                |        |
| Area Involved:      |        | OTHER: PARKING LOT   |               | Sheriff Dept Name: |                                                                |        |
| Media or Medium:    |        |                      |               | Other Contact?:    |                                                                |        |
| Incident County:    |        | DUPAGE               |               | Other on Scene?:   |                                                                |        |
| Entered by:         |        |                      |               | Other Agency Name: |                                                                |        |
| Data Input Status:  |        | CLOSED               |               | Temp:              |                                                                |        |
| Caller:             |        | JIM CRONIN           |               | Wind:              |                                                                |        |
| Caller Represents:  |        | BELL FUELS INC.      |               | City:              | GLEN ELLYN                                                     |        |
| Facility Manager:   |        |                      |               | State:             | ILLINOIS                                                       |        |
| Fac Manager Phone:  |        |                      |               | County:            | DUPAGE                                                         |        |
| Contacted ESDA?:    |        |                      |               | Milepost:          |                                                                |        |
| ESDA on Scene?:     |        |                      |               | Section:           |                                                                |        |
| Spec ESDA Contact:  |        |                      |               | Township:          |                                                                |        |
| Contact Fire Dept?: |        |                      |               | Range:             |                                                                |        |
| Fire Dept on Scene: |        |                      |               | Latitude:          |                                                                |        |
| Fire Dept Name:     |        |                      |               | Longitude:         |                                                                |        |
| Name:               |        | FANTASY AMUSEMENT    |               |                    |                                                                |        |

| Map Key | Number of Records | Direction | Distance (mi/ft) | Elev/Diff (ft) | Site | DB |
|---------|-------------------|-----------|------------------|----------------|------|----|
|---------|-------------------|-----------|------------------|----------------|------|----|

Responsible Party Street:

Narrative:

Spill Material Information

|                              |                      |                     |                         |
|------------------------------|----------------------|---------------------|-------------------------|
| UN NA No:                    |                      | Release Rate Min:   |                         |
| CAS No:                      |                      | Cause of Release:   | PIPING WAS DISCONNECTED |
| Chris Code:                  |                      | 302 A Exrm Haz?:    |                         |
| Type:                        | UNKNOWN              | RCRA Haz Waste?:    |                         |
| Name:                        | DIESEL FUEL          | RCRA Regulated?:    |                         |
| Container Type:              | OTHER: PORTABLE TANK | Est Spill Extent:   |                         |
| Container Size:              | OTHER: PORTABLE TANK | Spill Extent Units: |                         |
| Amount Released:             | 20 GALS.             | Where Taken:        |                         |
| Release Duration:            |                      | On Scene Contact:   |                         |
| Date Time Discover:          | 05/15/96 1600        | No of People Evac:  |                         |
| Check If Unknown Discovered: |                      |                     |                         |
| Date Time Incident Occurred: | 05/15/96 1600        |                     |                         |
| Check If Unknown Occurrence: |                      |                     |                         |
| Proper Safety Precautions:   |                      |                     |                         |
| Assist Needed from State:    |                      |                     |                         |
| Cleanup Actions and Plans:   |                      |                     |                         |

|                    |        |    |                  |                 |                                                                          |             |
|--------------------|--------|----|------------------|-----------------|--------------------------------------------------------------------------|-------------|
| <a href="#">17</a> | 1 of 5 | NE | 0.18 /<br>968.59 | 748.63 /<br>-14 | PARK AVE CLEANERS<br>462 NORTH PARK BLVD STE #110<br>GLEN ELLYN IL 60137 | DRYCLEANERS |
|--------------------|--------|----|------------------|-----------------|--------------------------------------------------------------------------|-------------|

|                |                            |
|----------------|----------------------------|
| License:       | 2881-5831-02               |
| DC No:         | DC-00692                   |
| Owner Contact: | INSOON R AHN & BANG OK AHN |
| Expire:        | 12/31/18                   |

|                    |        |    |                  |                 |                                                             |           |
|--------------------|--------|----|------------------|-----------------|-------------------------------------------------------------|-----------|
| <a href="#">17</a> | 2 of 5 | NE | 0.18 /<br>968.59 | 748.63 /<br>-14 | PARK AVE CLEANERS<br>462 N PARK BLVD<br>GLEN ELLYN IL 60137 | FINDS/FRS |
|--------------------|--------|----|------------------|-----------------|-------------------------------------------------------------|-----------|

|                          |                      |
|--------------------------|----------------------|
| Registry ID:             | 110005924474         |
| FIPS Code:               | 17043                |
| Program Acronyms:        | ACES, AIR, RCRAINFO  |
| HUC Code:                | 07120004             |
| Site Type Name:          | STATIONARY           |
| Location Description:    |                      |
| Supplemental Location:   |                      |
| Create Date:             | 01-MAR-2000 00:00:00 |
| Update Date:             | 26-JAN-2012 14:16:04 |
| Interest Types:          | SQG, STATE MASTER    |
| SIC Codes:               |                      |
| SIC Code Descriptions:   |                      |
| NAICS Codes:             |                      |
| NAICS Code Descriptions: |                      |
| Conveyor:                | FRS-GEocode          |

| Map Key                   | Number of<br>Records | Direction                                                                                      | Distance<br>(mi/ft) | Elev/Diff<br>(ft) | Site | DB |  |  |  |  |
|---------------------------|----------------------|------------------------------------------------------------------------------------------------|---------------------|-------------------|------|----|--|--|--|--|
| Federal Facility Code:    |                      |                                                                                                |                     |                   |      |    |  |  |  |  |
| Federal Agency Name:      |                      |                                                                                                |                     |                   |      |    |  |  |  |  |
| Tribal Land Code:         |                      |                                                                                                |                     |                   |      |    |  |  |  |  |
| Tribal Land Name:         |                      |                                                                                                |                     |                   |      |    |  |  |  |  |
| Congressional Dist No.:   |                      | 06                                                                                             |                     |                   |      |    |  |  |  |  |
| Census Block Code:        |                      | 170438422003004                                                                                |                     |                   |      |    |  |  |  |  |
| EPA Region Code:          |                      | 05                                                                                             |                     |                   |      |    |  |  |  |  |
| County Name:              |                      | DU PAGE                                                                                        |                     |                   |      |    |  |  |  |  |
| US/Mexico Border Ind:     |                      |                                                                                                |                     |                   |      |    |  |  |  |  |
| Latitude:                 |                      | 41.8763                                                                                        |                     |                   |      |    |  |  |  |  |
| Longitude:                |                      | -88.06271                                                                                      |                     |                   |      |    |  |  |  |  |
| Reference Point:          |                      | CENTER OF A FACILITY OR STATION                                                                |                     |                   |      |    |  |  |  |  |
| Coord Collection Method:  |                      | ADDRESS MATCHING-HOUSE NUMBER                                                                  |                     |                   |      |    |  |  |  |  |
| Accuracy Value:           |                      | 30                                                                                             |                     |                   |      |    |  |  |  |  |
| Datum:                    |                      | NAD83                                                                                          |                     |                   |      |    |  |  |  |  |
| Source:                   |                      |                                                                                                |                     |                   |      |    |  |  |  |  |
| Facility Detail Rprt URL: |                      | http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110005924474 |                     |                   |      |    |  |  |  |  |

|                    |        |              |                   |              |                                                                         |      |
|--------------------|--------|--------------|-------------------|--------------|-------------------------------------------------------------------------|------|
| <a href="#">17</a> | 3 of 5 | NE           | 0.18 / 968.59     | 748.63 / -14 | Park Avenue Cleaners<br>462 North Park Boulevard<br>Glen Ellyn IL 60137 | INST |
| <b>I EPA ID:</b>   |        | 0430455095   | <b>Longitude:</b> |              | -88.063305                                                              |      |
| <b>US EPA ID:</b>  |        | ILD984916858 | <b>Latitude:</b>  |              | 41.876411                                                               |      |
| <b>County:</b>     |        | DuPage       |                   |              |                                                                         |      |

**Site Applicant / Consultant Information**

|                            |                                 |                             |                       |
|----------------------------|---------------------------------|-----------------------------|-----------------------|
| <b>RA Title:</b>           | Mr.                             | <b>Received SA Date:</b>    | 9/19/2005 12:00:00 AM |
| <b>RA First Name:</b>      | Edward                          | <b>PM ID:</b>               | Scott Hacke           |
| <b>RA Last Name:</b>       | Cho                             | <b>Foury Letter Date:</b>   |                       |
| <b>RA Company:</b>         |                                 | <b>Active Site:</b>         | No                    |
| <b>RA Address1:</b>        | 462 North Park Boulevard        | <b>Consultant Address1:</b> | 5403 Patton Drive     |
| <b>RA Address2:</b>        |                                 | <b>Consultant Address2:</b> | #215                  |
| <b>RA City:</b>            | Glen Ellyn, IL                  | <b>Consultant City:</b>     | Lisle, IL             |
| <b>RA Zip:</b>             | 60137                           | <b>Consultant Zip:</b>      | 60532                 |
| <b>Consultant Contact:</b> | Minghua Wan, P.E.               |                             |                       |
| <b>Consultant Company:</b> | Hydrodynamics Consultants, Inc. |                             |                       |

**Letters Information**

|                           |                      |                            |     |
|---------------------------|----------------------|----------------------------|-----|
| <b>NFR Site Name:</b>     | Park Avenue Cleaners | <b>Indust Commercial:</b>  | Yes |
| <b>NFR Letter Date:</b>   | 2/8/2006 12:00:00 AM | <b>Worker Caution:</b>     | No  |
| <b>Effective:</b>         | True                 | <b>Slab on Grade:</b>      | No  |
| <b>NFR Recorded Date:</b> | 3/9/2006 12:00:00 AM | <b>BCT:</b>                | No  |
| <b>Comp Focus:</b>        | Focused              | <b>Inst Control Other:</b> | No  |
| <b>RA First Name:</b>     | Edward               | <b>Building Slab:</b>      | No  |
| <b>RA Last Name:</b>      | Cho                  | <b>Asphalt Used:</b>       | No  |
| <b>RA Company:</b>        |                      | <b>Concrete Used:</b>      | No  |

| Map Key                        | Number of Records        | Direction | Distance (mi/ft) | Elev/Diff (ft) | Site                 | DB |
|--------------------------------|--------------------------|-----------|------------------|----------------|----------------------|----|
| RA Address1:                   | 462 North Park Boulevard |           |                  |                | Clean Soil Three ft: | No |
| RA Address2:                   |                          |           |                  |                | Clean Soil Ten ft:   | No |
| RA City:                       | Glen Ellyn, IL           |           |                  |                | Alternate Barrier:   | No |
| RA Zip:                        | 60137                    |           |                  |                | Other Barrier:       | No |
| Acres:                         | 0.1000                   |           |                  |                | ELUC Other:          | No |
| Ordinance:                     | No                       |           |                  |                |                      |    |
| ELUC Groundwater Use Restrict: | No                       |           |                  |                |                      |    |
| Groundwater Use Restriction:   | Yes                      |           |                  |                |                      |    |
| Highway Authority Agreement:   | No                       |           |                  |                |                      |    |
| Land Use:                      | Industrial/Commercial    |           |                  |                |                      |    |

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NE

0.18 /  
968.59748.63 /  
-14PARK AVE CLEANERS  
462 N PARK BLVD  
GLEN ELLYN IL 60137

RCRA SQG

**EPA Handler ID:** ILD984916858  
**Gen Status Universe:** Small Quantity Generator  
**Contact Name:** JOH PARK  
**Contact Address:** 462 N PARK BLVD , , GLEN ELLYN , IL, 60137 , US  
**Contact Phone No and Ext:** 708-969-3821  
**Contact Email:**  
**Contact Country:** US  
**County Name:** DU PAGE  
**EPA Region:** 05  
**Land Type:** Private  
**Receive Date:** 19930426

Violation/Evaluation Summary

**Note:** NO RECORDS: As of Dec 2018, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

**Importer Activity:** No  
**Mixed Waste Generator:** No  
**Transporter Activity:** No  
**Transfer Facility:** No  
**Onsite Burner Exemption:** No  
**Furnace Exemption:** No  
**Underground Injection Activity:** No  
**Commercial TSD:** No  
**Used Oil Transporter:** No  
**Used Oil Transfer Facility:** No  
**Used Oil Processor:** No  
**Used Oil Refiner:** No  
**Used Oil Burner:** No  
**Used Oil Market Burner:** No  
**Used Oil Spec Marketer:** No



| Map Key | Number of Records | Direction | Distance (mi/ft) | Elev/Diff (ft) | Site | DB |
|---------|-------------------|-----------|------------------|----------------|------|----|
|---------|-------------------|-----------|------------------|----------------|------|----|

**Hazardous Waste Handler Details**

**Sequence No:** 1  
**Receive Date:** 19930426  
**Handler Name:** PARK AVE CLEANERS  
**Generator Status Universe:** Small Quantity Generator  
**Source Type:** Notification

**Waste Code Details**

**Hazardous Waste Code:** F002  
**Waste Code Description:** THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

**Owner/Operator Details**

|                             |               |                   |                 |
|-----------------------------|---------------|-------------------|-----------------|
| <b>Owner/Operator Ind:</b>  | Current Owner | <b>Street No:</b> |                 |
| <b>Type:</b>                | Private       | <b>Street 1:</b>  | 462 N PARK BLVD |
| <b>Name:</b>                | PARK JOH      | <b>Street 2:</b>  |                 |
| <b>Date Became Current:</b> |               | <b>City:</b>      | GLEN ELLYN      |
| <b>Date Ended Current:</b>  |               | <b>State:</b>     | IL              |
| <b>Phone:</b>               | 708-468-3821  | <b>Country:</b>   |                 |
| <b>Source Type:</b>         | Notification  | <b>Zip Code:</b>  | 60137           |

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NE

0.18 /  
968.59748.63 /  
-14
 Park Avenue Cleaners  
 462 North Park Boulevard  
 Glen Ellyn IL 60137

SRP

|                   |              |                   |            |
|-------------------|--------------|-------------------|------------|
| <b>I EPA ID:</b>  | 0430455095   | <b>Longitude:</b> | -88.063305 |
| <b>US EPA ID:</b> | ILD984916858 | <b>Latitude:</b>  | 41.876411  |
| <b>County:</b>    | DuPage       |                   |            |

**Site Applicant / Consultant Information**

|                            |                                 |                             |                       |
|----------------------------|---------------------------------|-----------------------------|-----------------------|
| <b>RA Title:</b>           | Mr.                             | <b>Received SA Date:</b>    | 9/19/2005 12:00:00 AM |
| <b>RA First Name:</b>      | Edward                          | <b>PM ID:</b>               | Scott Hacke           |
| <b>RA Last Name:</b>       | Cho                             | <b>Four Letter Date:</b>    |                       |
| <b>RA Address1:</b>        | 462 North Park Boulevard        | <b>Active Site:</b>         | No                    |
| <b>RA Address2:</b>        |                                 | <b>Consultant Address1:</b> | 5403 Patton Drive     |
| <b>RA City:</b>            | Glen Ellyn, IL                  | <b>Consultant Address2:</b> | #215                  |
| <b>RA Zip:</b>             | 60137                           | <b>Consultant City:</b>     | Lisle, IL             |
| <b>Consultant Contact:</b> | Minghua Wan, P.E.               | <b>Consultant Zip:</b>      | 60532                 |
| <b>RA Company:</b>         |                                 |                             |                       |
| <b>Consultant Company:</b> | Hydrodynamics Consultants, Inc. |                             |                       |

| Map Key                               | Number of Records        | Direction | Distance (mi/ft) | Elev/Diff (ft) | Site                        | DB  |
|---------------------------------------|--------------------------|-----------|------------------|----------------|-----------------------------|-----|
| <b><u>Letter Information</u></b>      |                          |           |                  |                |                             |     |
| <b>NFR Site Name:</b>                 | Park Avenue Cleaners     |           |                  |                | <b>Indust Commercial:</b>   | Yes |
| <b>NFR Letter Date:</b>               | 2/8/2006 12:00:00 AM     |           |                  |                | <b>Worker Caution:</b>      | No  |
| <b>Effective:</b>                     | True                     |           |                  |                | <b>Slab on Grade:</b>       | No  |
| <b>NFR Recorded Date:</b>             | 3/9/2006 12:00:00 AM     |           |                  |                | <b>BCT:</b>                 | No  |
| <b>Comp Focus:</b>                    | Focused                  |           |                  |                | <b>Inst Control Other:</b>  | No  |
| <b>RA First Name:</b>                 | Edward                   |           |                  |                | <b>Building Slab:</b>       | No  |
| <b>RA Last Name:</b>                  | Cho                      |           |                  |                | <b>Asphalt Used:</b>        | No  |
| <b>RA Company:</b>                    |                          |           |                  |                | <b>Concrete Used:</b>       | No  |
| <b>RA Address1:</b>                   | 462 North Park Boulevard |           |                  |                | <b>Clean Soil Three ft:</b> | No  |
| <b>RA Address2:</b>                   |                          |           |                  |                | <b>Clean Soil Ten ft:</b>   | No  |
| <b>RA City:</b>                       | Glen Ellyn, IL           |           |                  |                | <b>Alternate Barrier:</b>   | No  |
| <b>RA Zip:</b>                        | 60137                    |           |                  |                | <b>Other Barrier:</b>       | No  |
| <b>Acres:</b>                         | 0.1000                   |           |                  |                | <b>ELUC Other:</b>          | No  |
| <b>Ordinance:</b>                     | No                       |           |                  |                |                             |     |
| <b>ELUC Groundwater Use Restrict:</b> | No                       |           |                  |                |                             |     |
| <b>Groundwater Use Restriction:</b>   | Yes                      |           |                  |                |                             |     |
| <b>Highway Authority Agreement:</b>   | No                       |           |                  |                |                             |     |
| <b>Land Use:</b>                      | Industrial/Commercial    |           |                  |                |                             |     |

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N

0.19 /  
1,002.05731.57 /  
-31GRACE LUTHERAN CHURCH  
493 FOREST AVE  
GLEN ELLYN IL 60137

FINDS/FRS

**Registry ID:** 110035834014  
**FIPS Code:** 17043  
**Program Acronyms:** ACES  
**HUC Code:** 07120004  
**Site Type Name:** STATIONARY  
**Location Description:**  
**Supplemental Location:**  
**Create Date:** 16-MAY-2008 11:52:59  
**Update Date:**  
**Interest Types:** STATE MASTER  
**SIC Codes:**  
**SIC Code Descriptions:**  
**NAICS Codes:**  
**NAICS Code Descriptions:**  
**Conveyor:** FRS-GEocode  
**Federal Facility Code:**  
**Federal Agency Name:**  
**Tribal Land Code:**  
**Tribal Land Name:**  
**Congressional Dist No.:** 06  
**Census Block Code:** 170438422001016  
**EPA Region Code:** 05  
**County Name:** DUPAGE  
**US/Mexico Border Ind:**  
**Latitude:** 41.87746  
**Longitude:** -88.06505

| Map Key                          | Number of Records | Direction                                                                                      | Distance (mi/ft)   | Elev/Diff (ft)  | Site                                                          | DB        |
|----------------------------------|-------------------|------------------------------------------------------------------------------------------------|--------------------|-----------------|---------------------------------------------------------------|-----------|
| <b>Reference Point:</b>          |                   | CENTER OF A FACILITY OR STATION                                                                |                    |                 |                                                               |           |
| <b>Coord Collection Method:</b>  |                   | ADDRESS MATCHING-HOUSE NUMBER                                                                  |                    |                 |                                                               |           |
| <b>Accuracy Value:</b>           |                   | 30                                                                                             |                    |                 |                                                               |           |
| <b>Datum:</b>                    |                   | NAD83                                                                                          |                    |                 |                                                               |           |
| <b>Source:</b>                   |                   |                                                                                                |                    |                 |                                                               |           |
| <b>Facility Detail Rprt URL:</b> |                   | http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110035834014 |                    |                 |                                                               |           |
| <a href="#">19</a>               | 1 of 6            | NE                                                                                             | 0.19 /<br>1,027.29 | 742.86 /<br>-19 | J & C CENTRAL INC<br>586 CRESCENT BLVD<br>GLEN ELLYN IL 60137 | FINDS/FRS |
| <b>Registry ID:</b>              |                   | 110018397741                                                                                   |                    |                 |                                                               |           |
| <b>FIPS Code:</b>                |                   | 17043                                                                                          |                    |                 |                                                               |           |
| <b>Program Acronyms:</b>         |                   | ACES                                                                                           |                    |                 |                                                               |           |
| <b>HUC Code:</b>                 |                   | 07120004                                                                                       |                    |                 |                                                               |           |
| <b>Site Type Name:</b>           |                   | STATIONARY                                                                                     |                    |                 |                                                               |           |
| <b>Location Description:</b>     |                   |                                                                                                |                    |                 |                                                               |           |
| <b>Supplemental Location:</b>    |                   |                                                                                                |                    |                 |                                                               |           |
| <b>Create Date:</b>              |                   | 19-OCT-2004 17:24:34                                                                           |                    |                 |                                                               |           |
| <b>Update Date:</b>              |                   | 22-DEC-2007 09:33:05                                                                           |                    |                 |                                                               |           |
| <b>Interest Types:</b>           |                   | STATE MASTER                                                                                   |                    |                 |                                                               |           |
| <b>SIC Codes:</b>                |                   |                                                                                                |                    |                 |                                                               |           |
| <b>SIC Code Descriptions:</b>    |                   |                                                                                                |                    |                 |                                                               |           |
| <b>NAICS Codes:</b>              |                   |                                                                                                |                    |                 |                                                               |           |
| <b>NAICS Code Descriptions:</b>  |                   |                                                                                                |                    |                 |                                                               |           |
| <b>Conveyor:</b>                 |                   | FRS-GEOCODE                                                                                    |                    |                 |                                                               |           |
| <b>Federal Facility Code:</b>    |                   |                                                                                                |                    |                 |                                                               |           |
| <b>Federal Agency Name:</b>      |                   |                                                                                                |                    |                 |                                                               |           |
| <b>Tribal Land Code:</b>         |                   |                                                                                                |                    |                 |                                                               |           |
| <b>Tribal Land Name:</b>         |                   |                                                                                                |                    |                 |                                                               |           |
| <b>Congressional Dist No.:</b>   |                   | 06                                                                                             |                    |                 |                                                               |           |
| <b>Census Block Code:</b>        |                   | 170438422001026                                                                                |                    |                 |                                                               |           |
| <b>EPA Region Code:</b>          |                   | 05                                                                                             |                    |                 |                                                               |           |
| <b>County Name:</b>              |                   | DUPAGE                                                                                         |                    |                 |                                                               |           |
| <b>US/Mexico Border Ind:</b>     |                   |                                                                                                |                    |                 |                                                               |           |
| <b>Latitude:</b>                 |                   | 41.87704                                                                                       |                    |                 |                                                               |           |
| <b>Longitude:</b>                |                   | -88.06356                                                                                      |                    |                 |                                                               |           |
| <b>Reference Point:</b>          |                   | CENTER OF A FACILITY OR STATION                                                                |                    |                 |                                                               |           |
| <b>Coord Collection Method:</b>  |                   | ADDRESS MATCHING-HOUSE NUMBER                                                                  |                    |                 |                                                               |           |
| <b>Accuracy Value:</b>           |                   | 30                                                                                             |                    |                 |                                                               |           |
| <b>Datum:</b>                    |                   | NAD83                                                                                          |                    |                 |                                                               |           |
| <b>Source:</b>                   |                   |                                                                                                |                    |                 |                                                               |           |
| <b>Facility Detail Rprt URL:</b> |                   | http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110018397741 |                    |                 |                                                               |           |
| <a href="#">19</a>               | 2 of 6            | NE                                                                                             | 0.19 /<br>1,027.29 | 742.86 /<br>-19 | J AND C UNOCAL 76<br>586 CRESCENT BLVD<br>GLEN ELLYN IL 60137 | FINDS/FRS |
| <b>Registry ID:</b>              |                   | 110005897912                                                                                   |                    |                 |                                                               |           |
| <b>FIPS Code:</b>                |                   | 17043                                                                                          |                    |                 |                                                               |           |

| Map Key                          | Number of Records | Direction                                                                                      | Distance (mi/ft) | Elev/Diff (ft) | Site | DB |
|----------------------------------|-------------------|------------------------------------------------------------------------------------------------|------------------|----------------|------|----|
| <b>Program Acronyms:</b>         |                   | RCRAINFO                                                                                       |                  |                |      |    |
| <b>HUC Code:</b>                 |                   | 07120004                                                                                       |                  |                |      |    |
| <b>Site Type Name:</b>           |                   | STATIONARY                                                                                     |                  |                |      |    |
| <b>Location Description:</b>     |                   |                                                                                                |                  |                |      |    |
| <b>Supplemental Location:</b>    |                   |                                                                                                |                  |                |      |    |
| <b>Create Date:</b>              |                   | 01-MAR-2000 00:00:00                                                                           |                  |                |      |    |
| <b>Update Date:</b>              |                   | 26-JAN-2012 14:25:52                                                                           |                  |                |      |    |
| <b>Interest Types:</b>           |                   | SQG                                                                                            |                  |                |      |    |
| <b>SIC Codes:</b>                |                   |                                                                                                |                  |                |      |    |
| <b>SIC Code Descriptions:</b>    |                   |                                                                                                |                  |                |      |    |
| <b>NAICS Codes:</b>              |                   |                                                                                                |                  |                |      |    |
| <b>NAICS Code Descriptions:</b>  |                   |                                                                                                |                  |                |      |    |
| <b>Conveyor:</b>                 |                   | FRS-GEocode                                                                                    |                  |                |      |    |
| <b>Federal Facility Code:</b>    |                   |                                                                                                |                  |                |      |    |
| <b>Federal Agency Name:</b>      |                   |                                                                                                |                  |                |      |    |
| <b>Tribal Land Code:</b>         |                   |                                                                                                |                  |                |      |    |
| <b>Tribal Land Name:</b>         |                   |                                                                                                |                  |                |      |    |
| <b>Congressional Dist No.:</b>   |                   | 06                                                                                             |                  |                |      |    |
| <b>Census Block Code:</b>        |                   | 170438422001026                                                                                |                  |                |      |    |
| <b>EPA Region Code:</b>          |                   | 05                                                                                             |                  |                |      |    |
| <b>County Name:</b>              |                   | DU PAGE                                                                                        |                  |                |      |    |
| <b>US/Mexico Border Ind:</b>     |                   |                                                                                                |                  |                |      |    |
| <b>Latitude:</b>                 |                   | 41.87704                                                                                       |                  |                |      |    |
| <b>Longitude:</b>                |                   | -88.06356                                                                                      |                  |                |      |    |
| <b>Reference Point:</b>          |                   | CENTER OF A FACILITY OR STATION                                                                |                  |                |      |    |
| <b>Coord Collection Method:</b>  |                   | ADDRESS MATCHING-HOUSE NUMBER                                                                  |                  |                |      |    |
| <b>Accuracy Value:</b>           |                   | 30                                                                                             |                  |                |      |    |
| <b>Datum:</b>                    |                   | NAD83                                                                                          |                  |                |      |    |
| <b>Source:</b>                   |                   |                                                                                                |                  |                |      |    |
| <b>Facility Detail Rprt URL:</b> |                   | http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110005897912 |                  |                |      |    |

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NE

0.19 /  
1,027.29742.86 /  
-19J & C Central, Inc.  
586 Crescent Blvd.  
Glen Ellyn IL 60137

LUST

|                                     |                     |                              |                              |
|-------------------------------------|---------------------|------------------------------|------------------------------|
| <b>Incident No:</b>                 | 20010797            | <b>LPC No:</b>               | 0430455071                   |
| <b>Incidents ID:</b>                | 1636                | <b>IEMA Date:</b>            | 05/08/2001                   |
| <b>NFR Date:</b>                    | 12/03/2001          | <b>Regulation:</b>           | 732                          |
| <b>Gasoline:</b>                    | True                | <b>C 20 Day Report Date:</b> | 07/20/2001                   |
| <b>Unleaded:</b>                    | False               | <b>C 45 Day Report Date:</b> | 08/27/2001                   |
| <b>Diesel:</b>                      | False               | <b>NFR Recorded Date:</b>    | 05/14/2002                   |
| <b>Fuel Oil:</b>                    | False               | <b>Pre 74 Date:</b>          |                              |
| <b>Jet Fuel:</b>                    | False               | <b>Proj Manager Phone:</b>   | (217) 785-1858               |
| <b>Used Oil:</b>                    | False               | <b>Proj Mngr First Nm:</b>   | Scott                        |
| <b>Non Petroleum Prod:</b>          | False               | <b>Proj Mngr Last Nm:</b>    | Rothering                    |
| <b>Other Petroleum:</b>             | False               | <b>Proj Manager Email:</b>   | Scott.Rothering@illinois.gov |
| <b>Non LUST Date:</b>               |                     | <b>Site County:</b>          | Cook                         |
| <b>Non LUST Letter Dt:</b>          |                     |                              |                              |
| <b>Heating Oil Letter Date:</b>     |                     |                              |                              |
| <b>Free Product Discovery Date:</b> |                     |                              |                              |
| <b>Primary Resp Party Name:</b>     | J & C Central, Inc. |                              |                              |

| Map Key                     | Number of Records | Direction          | Distance (mi/ft)   | Elev/Diff (ft)  | Site                                                          | DB       |
|-----------------------------|-------------------|--------------------|--------------------|-----------------|---------------------------------------------------------------|----------|
| <hr/>                       |                   |                    |                    |                 |                                                               |          |
| Primary Resp Party Address: |                   | 586 Crescent Blvd. |                    |                 |                                                               |          |
| Primary Resp Party City:    |                   | Glen Ellyn         |                    |                 |                                                               |          |
| Primary Resp Party State:   |                   | IL                 |                    |                 |                                                               |          |
| Primary Resp Party Zip:     |                   | 60137              |                    |                 |                                                               |          |
| Primary Resp Party Phone:   |                   | 6304175706         |                    |                 |                                                               |          |
| Primary Resp Party Contact: |                   | John Dimas         |                    |                 |                                                               |          |
| <hr/>                       |                   |                    |                    |                 |                                                               |          |
| <a href="#">19</a>          | 4 of 6            | NE                 | 0.19 /<br>1,027.29 | 742.86 /<br>-19 | J AND C UNOCAL 76<br>586 CRESCENT BLVD<br>GLEN ELLYN IL 60137 | RCRA SQG |

**EPA Handler ID:** ILD984837849  
**Gen Status Universe:** Small Quantity Generator  
**Contact Name:** JOHN OLMAS  
**Contact Address:** 586 CRESCENT BLVD , , GLEN ELLYN , IL, 60137 , US  
**Contact Phone No and Ext:** 708-469-1010  
**Contact Email:**  
**Contact Country:** US  
**County Name:** DU PAGE  
**EPA Region:** 05  
**Land Type:** Private  
**Receive Date:** 19910920

#### Violation/Evaluation Summary

**Note:** NO RECORDS: As of Dec 2018, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

#### Handler Summary

**Importer Activity:** No  
**Mixed Waste Generator:** No  
**Transporter Activity:** No  
**Transfer Facility:** No  
**Onsite Burner Exemption:** No  
**Furnace Exemption:** No  
**Underground Injection Activity:** No  
**Commercial TSD:** No  
**Used Oil Transporter:** No  
**Used Oil Transfer Facility:** No  
**Used Oil Processor:** No  
**Used Oil Refiner:** No  
**Used Oil Burner:** No  
**Used Oil Market Burner:** No  
**Used Oil Spec Marketer:** No

#### Hazardous Waste Handler Details

**Sequence No:** 1



| Map Key                           | Number of Records | Direction                | Distance (mi/ft) | Elev/Diff (ft) | Site | DB |
|-----------------------------------|-------------------|--------------------------|------------------|----------------|------|----|
| <b>Receive Date:</b>              |                   | 19910920                 |                  |                |      |    |
| <b>Handler Name:</b>              |                   | J AND C UNOCAL 76        |                  |                |      |    |
| <b>Generator Status Universe:</b> |                   | Small Quantity Generator |                  |                |      |    |
| <b>Source Type:</b>               |                   | Notification             |                  |                |      |    |

Waste Code Details

|                                |                     |
|--------------------------------|---------------------|
| <b>Hazardous Waste Code:</b>   | D001                |
| <b>Waste Code Description:</b> | IGNITABLE WASTE     |
| <b>Hazardous Waste Code:</b>   | D039                |
| <b>Waste Code Description:</b> | TETRACHLOROETHYLENE |
| <b>Hazardous Waste Code:</b>   | D008                |
| <b>Waste Code Description:</b> | LEAD                |
| <b>Hazardous Waste Code:</b>   | D018                |
| <b>Waste Code Description:</b> | BENZENE             |
| <b>Hazardous Waste Code:</b>   | D000                |
| <b>Waste Code Description:</b> | DESCRIPTION         |

Owner/Operator Details

|                             |                       |                   |                   |
|-----------------------------|-----------------------|-------------------|-------------------|
| <b>Owner/Operator Ind:</b>  | Current Owner         | <b>Street No:</b> |                   |
| <b>Type:</b>                | Private               | <b>Street 1:</b>  | 586 CRESCENT BLVD |
| <b>Name:</b>                | J AND C UNOCAL 76 INC | <b>Street 2:</b>  |                   |
| <b>Date Became Current:</b> |                       | <b>City:</b>      | GLEN ELLYN        |
| <b>Date Ended Current:</b>  |                       | <b>State:</b>     | IL                |
| <b>Phone:</b>               | 708-469-1010          | <b>Country:</b>   |                   |
| <b>Source Type:</b>         | Notification          | <b>Zip Code:</b>  | 60137             |

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NE

0.19 /  
1,027.29742.86 /  
-19J & C CENTRAL, INC.  
586 CRESCENT BLVD.  
GLEN ELLYN IL

SPILLS

|                            |                      |                           |            |
|----------------------------|----------------------|---------------------------|------------|
| <b>Incident No:</b>        | H 2001 0797          | <b>Contacted Police?:</b> |            |
| <b>Hazmat Incid Type:</b>  | LEAK OR SPILL        | <b>Police on Scene?:</b>  |            |
| <b>Leaking UST:</b>        |                      | <b>Police Dept Name:</b>  |            |
| <b>Dt/Tm Occurred:</b>     | UKWN @               | <b>Sheriff Dept:</b>      |            |
| <b>Incident Rprt Date:</b> | 5/7/2001 12:00:00 AM | <b>Sheriff on Scene:</b>  |            |
| <b>Area Involved:</b>      | FIXED FACILITY       | <b>Sheriff Dept Name:</b> |            |
| <b>Media or Medium:</b>    |                      | <b>Other Contact?:</b>    |            |
| <b>Incident County:</b>    | COOK                 | <b>Other on Scene?:</b>   |            |
| <b>Entered by:</b>         |                      | <b>Other Agency Name:</b> |            |
| <b>Data Input Status:</b>  | CLOSED               | <b>Temp:</b>              |            |
| <b>Caller:</b>             |                      | <b>Wind:</b>              |            |
| <b>Caller Represents:</b>  |                      | <b>City:</b>              | GLEN ELLYN |
| <b>Facility Manager:</b>   |                      | <b>State:</b>             | ILLINOIS   |
| <b>Fac Manager Phone:</b>  |                      | <b>County:</b>            | COOK       |

| Map Key                   | Number of<br>Records | Direction           | Distance<br>(mi/ft) | Elev/Diff<br>(ft) | Site | DB |
|---------------------------|----------------------|---------------------|---------------------|-------------------|------|----|
| Contacted ESDA?:          |                      |                     |                     | Milepost:         |      |    |
| ESDA on Scene?:           |                      |                     |                     | Section:          |      |    |
| Spec ESDA Contact:        |                      |                     |                     | Township:         |      |    |
| Contact Fire Dept?:       |                      |                     |                     | Range:            |      |    |
| Fire Dept on Scene:       |                      |                     |                     | Latitude:         |      |    |
| Fire Dept Name:           |                      |                     |                     | Longitude:        |      |    |
| Name:                     |                      | J & C CENTRAL, INC. |                     |                   |      |    |
| Responsible Party Street: |                      | #5 60137            |                     |                   |      |    |
| Narrative:                |                      |                     |                     |                   |      |    |
| IEPA/OSFM/REG 4           |                      |                     |                     |                   |      |    |

Spill Material Information

|                                     |  |                                                    |  |  |  |  |
|-------------------------------------|--|----------------------------------------------------|--|--|--|--|
| <b>UN NA No:</b>                    |  | <b>Release Rate Min:</b>                           |  |  |  |  |
| <b>CAS No:</b>                      |  | <b>Cause of Release:</b>                           |  |  |  |  |
| <b>Chris Code:</b>                  |  | #5 60137                                           |  |  |  |  |
| <b>Type:</b>                        |  | <b>302 A Extrm Haz?:</b>                           |  |  |  |  |
| <b>Name:</b>                        |  | <b>RCRA Haz Waste?:</b>                            |  |  |  |  |
| <b>Container Type:</b>              |  | <b>RCRA Regulated?:</b>                            |  |  |  |  |
| <b>Container Size:</b>              |  | <b>Est Spill Extent:</b>                           |  |  |  |  |
| <b>Amount Released:</b>             |  | <b>Spill Extent Units:</b>                         |  |  |  |  |
| <b>Release Duration:</b>            |  | <b>Where Taken:</b>                                |  |  |  |  |
| <b>Date Time Discover:</b>          |  | <b>On Scene Contact:</b>                           |  |  |  |  |
| <b>Check If Unknown Discovered:</b> |  | <b>No of People Evac:</b>                          |  |  |  |  |
| <b>Date Time Incident Occurred:</b> |  | JOHN DIMAS                                         |  |  |  |  |
| <b>Check If Unknown Occurrence:</b> |  | NONE                                               |  |  |  |  |
| <b>Proper Safety Precautions:</b>   |  | UKWN @                                             |  |  |  |  |
| <b>Assist Needed from State:</b>    |  | NONE                                               |  |  |  |  |
| <b>Cleanup Actions and Plans:</b>   |  | R.W. COLLINS/CONTRACTOR/WILL TAKE CARE OF CLEAN-UP |  |  |  |  |

|                      |        |                                                                                                                                                                         |                    |                                                |                                                     |     |
|----------------------|--------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|------------------------------------------------|-----------------------------------------------------|-----|
| <a href="#">19</a>   | 6 of 6 | NE                                                                                                                                                                      | 0.19 /<br>1,027.29 | 742.86 /<br>-19                                | Closed<br>586 Crescent Blvd.<br>Glen Ellyn IL 60137 | UST |
| Facility No:         |        | 2010513                                                                                                                                                                 |                    | Green Tag Decal:                               |                                                     |     |
| Facility Status:     |        | Du Page                                                                                                                                                                 |                    | Green Tag Issue Date: A001636                  |                                                     |     |
| Facility Type:       |        |                                                                                                                                                                         |                    | Green Tag Exp Dt: 10/14/1999                   |                                                     |     |
| Motor Fuel Type:     |        | Other                                                                                                                                                                   |                    | Mtr Fuel Perm Insp Dt: 12/31/2002              |                                                     |     |
| Owner Type:          |        |                                                                                                                                                                         |                    | Mtr Fuel Perm Exp Dt:                          |                                                     |     |
| Owner Name:          |        | J & C Central, Inc.                                                                                                                                                     |                    | Purchase Date: 12/30/1986                      |                                                     |     |
| Owner Status:        |        | Current Owner                                                                                                                                                           |                    | County: 586 Crescent Blvd.Glen Ellyn, IL 60137 |                                                     |     |
| Owner Address:       |        | 420 S. Main StreetWheaton, IL 60187                                                                                                                                     |                    |                                                |                                                     |     |
| Type Financial Resp: |        |                                                                                                                                                                         |                    |                                                |                                                     |     |
| Fin Resp Rpt Due:    |        |                                                                                                                                                                         |                    |                                                |                                                     |     |
| Permit History Link: |        | <a href="https://webapps.sfm.illinois.gov/USTPortal/Permit/FacilityPermitList/2010513">https://webapps.sfm.illinois.gov/USTPortal/Permit/FacilityPermitList/2010513</a> |                    |                                                |                                                     |     |

Tank Information

|                 |   |                 |          |
|-----------------|---|-----------------|----------|
| <b>Tank No:</b> | 1 | <b>Product:</b> | Used Oil |
|-----------------|---|-----------------|----------|

| Map Key         | Number of Records | Direction | Distance (mi/ft) | Elev/Diff (ft) | Site                  | DB         |
|-----------------|-------------------|-----------|------------------|----------------|-----------------------|------------|
| Capacity:       | 550               |           |                  |                | CERCLA Substance:     |            |
| Status:         | Removed           |           |                  |                | CAS Code:             |            |
| Install Date:   | 33                |           |                  |                | OSFM First Notify Dt: | Federal    |
| Abandoned Date: |                   |           |                  |                | Abandoned Material:   |            |
| Last Used Date: | 1/1/1966          |           |                  |                | Red Tag Issue Date:   |            |
| Removed Date:   | 2/16/1999         |           |                  |                | Product Date:         | 12/22/1998 |
| Current Age:    | 5/5/1986          |           |                  |                | Fee Due:              | \$0.00     |
| Petroleum Use:  |                   |           |                  |                |                       |            |

Tank Information

|                 |           |                       |          |
|-----------------|-----------|-----------------------|----------|
| Tank No:        | 4         | Product:              | Gasoline |
| Capacity:       | 9500      | CERCLA Substance:     |          |
| Status:         | Removed   | CAS Code:             |          |
| Install Date:   | 35        | OSFM First Notify Dt: | Federal  |
| Abandoned Date: |           | Abandoned Material:   |          |
| Last Used Date: | 1/1/1966  | Red Tag Issue Date:   |          |
| Removed Date:   | 5/22/2001 | Product Date:         | 5/1/2001 |
| Current Age:    | 5/5/1986  | Fee Due:              | \$0.00   |
| Petroleum Use:  |           |                       |          |

Tank Information

|                 |           |                       |          |
|-----------------|-----------|-----------------------|----------|
| Tank No:        | 3         | Product:              | Gasoline |
| Capacity:       | 9500      | CERCLA Substance:     |          |
| Status:         | Removed   | CAS Code:             |          |
| Install Date:   | 35        | OSFM First Notify Dt: | Federal  |
| Abandoned Date: |           | Abandoned Material:   |          |
| Last Used Date: | 1/1/1966  | Red Tag Issue Date:   |          |
| Removed Date:   | 5/22/2001 | Product Date:         | 5/1/2001 |
| Current Age:    | 5/5/1986  | Fee Due:              | \$0.00   |
| Petroleum Use:  |           |                       |          |

Tank Information

|                 |                             |                       |            |
|-----------------|-----------------------------|-----------------------|------------|
| Tank No:        | 2                           | Product:              | Used Oil   |
| Capacity:       | 1000                        | CERCLA Substance:     |            |
| Status:         | Removed                     | CAS Code:             |            |
| Install Date:   | 33                          | OSFM First Notify Dt: | State      |
| Abandoned Date: |                             | Abandoned Material:   |            |
| Last Used Date: | 1/1/1966                    | Red Tag Issue Date:   |            |
| Removed Date:   | 2/16/1999                   | Product Date:         | 12/22/1998 |
| Current Age:    | 5/5/1986                    | Fee Due:              | \$0.00     |
| Petroleum Use:  | Consumptive Use on Premises |                       |            |

Owner Summary

|           |          |               |              |
|-----------|----------|---------------|--------------|
| Owner No: | U0015441 | Owner Status: | Former Owner |
|-----------|----------|---------------|--------------|

| Map Key            | Number of Records | Direction           | Distance (mi/ft) | Elev/Diff (ft)        | Site | DB            |
|--------------------|-------------------|---------------------|------------------|-----------------------|------|---------------|
| <b>Owner Name:</b> |                   | The Uno Ven Company |                  | <b>Purchase Date:</b> |      | 12/31/1967    |
| <b>Owner No:</b>   |                   | U0007652            |                  | <b>Owner Status:</b>  |      | Current Owner |
| <b>Owner Name:</b> |                   | J & C Central, Inc. |                  | <b>Purchase Date:</b> |      | 12/30/1986    |

IEMA Numbers

**IEMA No:** Removal Log  
**IEMA Link:**

LUST Fund Eligibility

**IEMA No:** 01-0797  
**Status:** Eligible  
**OSFM Received Date:** 8/1/2002  
**IEMA Link:** <http://epadata.epa.state.il.us/land/ust/LIT-Display.asp?INCIDENT=20010797>  
**OSFM Response Dt:** 8/28/2002  
**Deductible:** \$10,000  
**Letter:**

[20](#)

1 of 1

NW

0.19 /  
1,029.34740.76 /  
-22Closed  
469 Crescent Blvd  
Glen Ellyn IL 60137

UST

**Facility No:** 2013054  
**Facility Status:** Du Page  
**Facility Type:**  
**Motor Fuel Type:** None  
**Owner Type:**  
**Owner Name:** Marberry Cleaners & Launderers  
**Owner Status:** Current Owner  
**Owner Address:** 315 E Main StSt. Charles, IL 60174  
**Type Financial Resp:**  
**Fin Resp Rpt Due:**  
**Permit History Link:** <https://webapps.sfm.illinois.gov/USTPortal/Permit/FacilityPermitList/2013054>  
**Green Tag Decal:**  
**Green Tag Issue Date:**  
**Green Tag Exp Dt:**  
**Mtr Fuel Perm Insp Dt:**  
**Mtr Fuel Perm Exp Dt:**  
**Purchase Date:**  
**County:** 469 Crescent BlvdGlen Ellyn, IL 60137

Tank Information

**Tank No:** 2  
**Capacity:** 1000  
**Status:** Removed  
**Install Date:** 42  
**Abandoned Date:**  
**Last Used Date:**  
**Removed Date:** 1/1/1990  
**Current Age:** 4/30/1986  
**Petroleum Use:**  
**Product:**  
**CERCLA Substance:**  
**CAS Code:**  
**OSFM First Notify Dt:** Federal  
**Abandoned Material:**  
**Red Tag Issue Date:**  
**Product Date:** 6/1/1979  
**Fee Due:** \$0.00

Tank Information

**Tank No:** 1  
**Capacity:** 1000  
**Product:**  
**CERCLA Substance:**

| Map Key         | Number of Records | Direction | Distance (mi/ft) | Elev/Diff (ft) | Site                  | DB       |
|-----------------|-------------------|-----------|------------------|----------------|-----------------------|----------|
| Status:         | Removed           |           |                  |                | CAS Code:             |          |
| Install Date:   | 42                |           |                  |                | OSFM First Notify Dt: | Federal  |
| Abandoned Date: |                   |           |                  |                | Abandoned Material:   |          |
| Last Used Date: |                   |           |                  |                | Red Tag Issue Date:   |          |
| Removed Date:   | 1/1/1990          |           |                  |                | Product Date:         | 6/1/1979 |
| Current Age:    | 4/30/1986         |           |                  |                | Fee Due:              | \$0.00   |
| Petroleum Use:  |                   |           |                  |                |                       |          |

Owner Summary

|             |                                |                |               |
|-------------|--------------------------------|----------------|---------------|
| Owner No:   | U0009668                       | Owner Status:  | Current Owner |
| Owner Name: | Marberry Cleaners & Launderers | Purchase Date: |               |

|                    |        |     |                    |                |                                                                    |           |
|--------------------|--------|-----|--------------------|----------------|--------------------------------------------------------------------|-----------|
| <a href="#">21</a> | 1 of 7 | ENE | 0.20 /<br>1,073.01 | 757.50 /<br>-5 | GLEN ELLYN, VILLAGE OF<br>535 DUANE ST<br>GLEN ELLYN IL 60137-4699 | FINDS/FRS |
|--------------------|--------|-----|--------------------|----------------|--------------------------------------------------------------------|-----------|

|                           |                                                                                                |
|---------------------------|------------------------------------------------------------------------------------------------|
| Registry ID:              | 110005879255                                                                                   |
| FIPS Code:                | 17043                                                                                          |
| Program Acronyms:         | ACES, RCRAINFO                                                                                 |
| HUC Code:                 | 07120004                                                                                       |
| Site Type Name:           | STATIONARY                                                                                     |
| Location Description:     |                                                                                                |
| Supplemental Location:    |                                                                                                |
| Create Date:              | 01-MAR-2000 00:00:00                                                                           |
| Update Date:              | 24-SEP-2013 13:43:12                                                                           |
| Interest Types:           | SQG, STATE MASTER                                                                              |
| SIC Codes:                |                                                                                                |
| SIC Code Descriptions:    |                                                                                                |
| NAICS Codes:              |                                                                                                |
| NAICS Code Descriptions:  |                                                                                                |
| Conveyor:                 | FRS-GEOCODE                                                                                    |
| Federal Facility Code:    |                                                                                                |
| Federal Agency Name:      |                                                                                                |
| Tribal Land Code:         |                                                                                                |
| Tribal Land Name:         |                                                                                                |
| Congressional Dist No.:   | 06                                                                                             |
| Census Block Code:        | 170438422003006                                                                                |
| EPA Region Code:          | 05                                                                                             |
| County Name:              | DU PAGE                                                                                        |
| US/Mexico Border Ind:     |                                                                                                |
| Latitude:                 | 41.87547                                                                                       |
| Longitude:                | -88.06583                                                                                      |
| Reference Point:          | CENTER OF A FACILITY OR STATION                                                                |
| Coord Collection Method:  | ADDRESS MATCHING-HOUSE NUMBER                                                                  |
| Accuracy Value:           | 30                                                                                             |
| Datum:                    | NAD83                                                                                          |
| Source:                   |                                                                                                |
| Facility Detail Rprt URL: | http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110005879255 |



| Map Key                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Number of Records | Direction | Distance (mi/ft) | Elev/Diff (ft) | Site                                                           | DB   |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-----------|------------------|----------------|----------------------------------------------------------------|------|
| <a href="#">21</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 2 of 7            | ENE       | 0.20 / 1,073.01  | 757.50 / -5    | Glen Ellyn, Village of<br>535 Duane St.<br>Glen Ellyn IL 60137 | LUST |
| <div> <div> <b>Incident No:</b> 903141<br/> <b>Incidents ID:</b> 9379<br/> <b>NFR Date:</b> 05/23/1996<br/> <b>Gasoline:</b> True<br/> <b>Unleaded:</b> False<br/> <b>Diesel:</b> False<br/> <b>Fuel Oil:</b> False<br/> <b>Jet Fuel:</b> False<br/> <b>Used Oil:</b> False<br/> <b>Non Petroleum Prod:</b> False<br/> <b>Other Petroleum:</b> False<br/> <b>Non LUST Date:</b><br/> <b>Non LUST Letter Dt:</b><br/> <b>Heating Oil Letter Date:</b><br/> <b>Free Product Discovery Date:</b><br/> <b>Primary Resp Party Name:</b> Village of Glen Ellyn<br/> <b>Primary Resp Party Address:</b> 535 Duane St.<br/> <b>Primary Resp Party City:</b> Glen Ellyn<br/> <b>Primary Resp Party State:</b> IL<br/> <b>Primary Resp Party Zip:</b> 60137<br/> <b>Primary Resp Party Phone:</b><br/> <b>Primary Resp Party Contact:</b> Dave McComb </div> <div> <b>LPC No:</b> 0430455044<br/> <b>IEMA Date:</b> 10/24/1990<br/> <b>Regulation:</b> 731<br/> <b>C 20 Day Report Date:</b><br/> <b>C 45 Day Report Date:</b><br/> <b>NFR Recorded Date:</b><br/> <b>Pre 74 Date:</b><br/> <b>Proj Manager Phone:</b><br/> <b>Proj Mngr First Nm:</b><br/> <b>Proj Mngr Last Nm:</b> NOT ASSIGNED<br/> <b>Proj Manager Email:</b><br/> <b>Site County:</b> Du Page </div> </div> |                   |           |                  |                |                                                                |      |
| <a href="#">21</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 3 of 7            | ENE       | 0.20 / 1,073.01  | 757.50 / -5    | Glen Ellyn, Village of<br>535 Duane St.<br>Glen Ellyn IL 60137 | LUST |
| <div> <div> <b>Incident No:</b> 900921<br/> <b>Incidents ID:</b> 8012<br/> <b>NFR Date:</b> 01/22/2008<br/> <b>Gasoline:</b> True<br/> <b>Unleaded:</b> False<br/> <b>Diesel:</b> False<br/> <b>Fuel Oil:</b> False<br/> <b>Jet Fuel:</b> False<br/> <b>Used Oil:</b> False<br/> <b>Non Petroleum Prod:</b> False<br/> <b>Other Petroleum:</b> False<br/> <b>Non LUST Date:</b><br/> <b>Non LUST Letter Dt:</b><br/> <b>Heating Oil Letter Date:</b><br/> <b>Free Product Discovery Date:</b><br/> <b>Primary Resp Party Name:</b> Glen Ellyn Public Works<br/> <b>Primary Resp Party Address:</b> 30 South Lambert Rd.<br/> <b>Primary Resp Party City:</b> Glen Ellyn<br/> <b>Primary Resp Party State:</b> IL<br/> <b>Primary Resp Party Zip:</b> 60137 </div> <div> <b>LPC No:</b> 0430455044<br/> <b>IEMA Date:</b> 04/10/1990<br/> <b>Regulation:</b> 731<br/> <b>C 20 Day Report Date:</b><br/> <b>C 45 Day Report Date:</b><br/> <b>NFR Recorded Date:</b><br/> <b>Pre 74 Date:</b><br/> <b>Proj Manager Phone:</b><br/> <b>Proj Mngr First Nm:</b> Harry<br/> <b>Proj Mngr Last Nm:</b> Chappel<br/> <b>Proj Manager Email:</b><br/> <b>Site County:</b> Du Page </div> </div>                                                                                 |                   |           |                  |                |                                                                |      |

| Map Key                            | Number of Records | Direction   | Distance (mi/ft) | Elev/Diff (ft) | Site | DB |
|------------------------------------|-------------------|-------------|------------------|----------------|------|----|
| <b>Primary Resp Party Phone:</b>   |                   |             |                  |                |      |    |
| <b>Primary Resp Party Contact:</b> |                   | Dave Sailor |                  |                |      |    |

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4 of 7

ENE

0.20 /  
1,073.01757.50 /  
-5GLEN ELLYN VILLAGE OF  
535 DUANE ST  
GLEN ELLYN IL 60137

RCRA SQG

**EPA Handler ID:** ILD984802041  
**Gen Status Universe:** Small Quantity Generator  
**Contact Name:** LYNN NEWHART  
**Contact Address:** 535 DUANE ST , , GLEN ELLYN , IL, 60137 , US  
**Contact Phone No and Ext:** 708-469-5000  
**Contact Email:**  
**Contact Country:** US  
**County Name:** DU PAGE  
**EPA Region:** 05  
**Land Type:**  
**Receive Date:** 19900924

Violation/Evaluation Summary

**Note:** NO RECORDS: As of Dec 2018, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

**Importer Activity:** No  
**Mixed Waste Generator:** No  
**Transporter Activity:** No  
**Transfer Facility:** No  
**Onsite Burner Exemption:** No  
**Furnace Exemption:** No  
**Underground Injection Activity:** No  
**Commercial TSD:** No  
**Used Oil Transporter:** No  
**Used Oil Transfer Facility:** No  
**Used Oil Processor:** No  
**Used Oil Refiner:** No  
**Used Oil Burner:** No  
**Used Oil Market Burner:** No  
**Used Oil Spec Marketer:** No

Hazardous Waste Handler Details

**Sequence No:** 1  
**Receive Date:** 19900924  
**Handler Name:** GLEN ELLYN VILLAGE OF  
**Generator Status Universe:** Small Quantity Generator  
**Source Type:** Notification

| Map Key | Number of Records | Direction | Distance (mi/ft) | Elev/Diff (ft) | Site | DB |
|---------|-------------------|-----------|------------------|----------------|------|----|
|---------|-------------------|-----------|------------------|----------------|------|----|

Waste Code Details

Hazardous Waste Code: D001  
Waste Code Description: IGNITABLE WASTE

Owner/Operator Details

Owner/Operator Ind: Current Owner  
Type: Municipal  
Name: GLEN ELLYN VILLAGE OF  
Date Became Current:  
Date Ended Current:  
Phone:  
Source Type: Notification

Street No:  
Street 1:  
Street 2:  
City:  
State:  
Country:  
Zip Code:

[21](#)

5 of 7

ENE

0.20 /  
1,073.01757.50 /  
-5GLEN ELLYN, VILLAGE OF  
535 DUANE ST.  
GLEN ELLYN IL

SPILLS

Incident No: 903141  
Hazmat Incid Type: LEAK  
Leaking UST:  
Dt/Tm Occurred:  
Incident Rprt Date: 10/24/1990 12:54:00 PM  
Area Involved: FIXED FACILITY  
Media or Medium:  
Incident County: DUPAGE  
Entered by:  
Data Input Status: CLOSED  
Caller: DAVE MCCOMB  
Caller Represents: GLEN ELLYN, VILLAGE OF  
Facility Manager:  
Fac Manager Phone:  
Contacted ESDA?:  
ESDA on Scene?:  
Spec ESDA Contact:  
Contact Fire Dept?:  
Fire Dept on Scene:  
Fire Dept Name:  
Name: GLEN ELLYN, VILLAGE OF  
Responsible Party Street:  
Narrative:

Contacted Police?:  
Police on Scene?:  
Police Dept Name:  
Sheriff Dept:  
Sheriff on Scene:  
Sheriff Dept Name:  
Other Contact?:  
Other on Scene?:  
Other Agency Name:  
Temp:  
Wind:  
City: GLEN ELLYN  
State: ILLINOIS  
County: DUPAGE  
Milepost:  
Section:  
Township:  
Range:  
Latitude:  
Longitude:

Spill Material Information

UN NA No:  
CAS No:  
Chris Code:

Release Rate Min:  
Cause of Release: CORROSION & OVERFILLS  
302 A Extrm Haz?:

| Map Key                      | Number of Records | Direction | Distance (mi/ft) | Elev/Diff (ft) | Site                | DB |
|------------------------------|-------------------|-----------|------------------|----------------|---------------------|----|
| Type:                        | UNKNOWN           |           |                  |                | RCRA Haz Waste?:    |    |
| Name:                        | GASOLINE          |           |                  |                | RCRA Regulated?:    |    |
| Container Type:              | UNDERGROUND TANK  |           |                  |                | Est Spill Extent:   |    |
| Container Size:              | UNDERGROUND TANK  |           |                  |                | Spill Extent Units: |    |
| Amount Released:             | UNK               |           |                  |                | Where Taken:        |    |
| Release Duration:            |                   |           |                  |                | On Scene Contact:   |    |
| Date Time Discover:          | 10/24/90 1100     |           |                  |                | No of People Evac:  |    |
| Check If Unknown Discovered: |                   |           |                  |                |                     |    |
| Date Time Incident Occurred: |                   |           |                  |                |                     |    |
| Check If Unknown Occurrence: |                   |           |                  |                |                     |    |
| Proper Safety Precautions:   |                   |           |                  |                |                     |    |
| Assist Needed from State:    |                   |           |                  |                |                     |    |
| Cleanup Actions and Plans:   |                   |           |                  |                |                     |    |

|                           |                               |     |                    |                |                                                                    |            |
|---------------------------|-------------------------------|-----|--------------------|----------------|--------------------------------------------------------------------|------------|
| <a href="#">21</a>        | 6 of 7                        | ENE | 0.20 /<br>1,073.01 | 757.50 /<br>-5 | GLEN ELLYN PUBLIC WORKS<br>DEPT.<br>535 DUANE ST.<br>GLEN ELLYN IL | SPILLS     |
| Incident No:              | 900921                        |     |                    |                | Contacted Police?:                                                 |            |
| Hazmat Incid Type:        | LEAK OR SPILL                 |     |                    |                | Police on Scene?:                                                  |            |
| Leaking UST:              |                               |     |                    |                | Police Dept Name:                                                  |            |
| Dt/Tm Occurred:           |                               |     |                    |                | Sheriff Dept:                                                      |            |
| Incident Rprt Date:       | 4/10/1990 8:43:00 AM          |     |                    |                | Sheriff on Scene:                                                  |            |
| Area Involved:            | FIXED FACILITY                |     |                    |                | Sheriff Dept Name:                                                 |            |
| Media or Medium:          |                               |     |                    |                | Other Contact?:                                                    |            |
| Incident County:          | DUPAGE                        |     |                    |                | Other on Scene?:                                                   |            |
| Entered by:               |                               |     |                    |                | Other Agency Name:                                                 |            |
| Data Input Status:        | CLOSED                        |     |                    |                | Temp:                                                              |            |
| Caller:                   | LARRY CHERNER                 |     |                    |                | Wind:                                                              |            |
| Caller Represents:        | MANKOFF EQUIPMENT             |     |                    |                | City:                                                              | GLEN ELLYN |
| Facility Manager:         |                               |     |                    |                | State:                                                             | ILLINOIS   |
| Fac Manager Phone:        |                               |     |                    |                | County:                                                            | DUPAGE     |
| Contacted ESDA?:          |                               |     |                    |                | Milepost:                                                          |            |
| ESDA on Scene?:           |                               |     |                    |                | Section:                                                           |            |
| Spec ESDA Contact:        |                               |     |                    |                | Township:                                                          |            |
| Contact Fire Dept?:       |                               |     |                    |                | Range:                                                             |            |
| Fire Dept on Scene:       |                               |     |                    |                | Latitude:                                                          |            |
| Fire Dept Name:           |                               |     |                    |                | Longitude:                                                         |            |
| Name:                     | GLEN ELLYN PUBLIC WORKS DEPT. |     |                    |                |                                                                    |            |
| Responsible Party Street: |                               |     |                    |                |                                                                    |            |
| Narrative:                |                               |     |                    |                |                                                                    |            |

PATCHED TO IEPA/AHLBERG FOR GENERATOR NUMBER. CLEANUP UNKNOWN AT THIS TIME. 0856 FAXED TO IEPA & IESDA REGION 5.

#### Spill Material Information

|             |         |                   |     |
|-------------|---------|-------------------|-----|
| UN NA No:   |         | Release Rate Min: |     |
| CAS No:     |         | Cause of Release: | UNK |
| Chris Code: |         | 302 A Extrm Haz?: |     |
| Type:       | UNKNOWN | RCRA Haz Waste?:  |     |

| Map Key                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Number of Records | Direction | Distance (mi/ft) | Elev/Diff (ft) | Site | DB |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-----------|------------------|----------------|------|----|
| <b>Name:</b> GASOLINE <b>RCRA Regulated?:</b><br><b>Container Type:</b> UNDERGROUND TANK <b>Est Spill Extent:</b><br><b>Container Size:</b> UNDERGROUND TANK <b>Spill Extent Units:</b><br><b>Amount Released:</b> UNK IF ANY <b>Where Taken:</b><br><b>Release Duration:</b> <b>On Scene Contact:</b><br><b>Date Time Discover:</b> 04/10/90 A.M. <b>No of People Evac:</b><br><b>Check If Unknown Discovered:</b><br><b>Date Time Incident Occurred:</b><br><b>Check If Unknown Occurrence:</b><br><b>Proper Safety Precautions:</b><br><b>Assist Needed from State:</b><br><b>Cleanup Actions and Plans:</b> |                   |           |                  |                |      |    |

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |        |     |                    |                |                                                |     |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|-----|--------------------|----------------|------------------------------------------------|-----|
| <a href="#">21</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 7 of 7 | ENE | 0.20 /<br>1,073.01 | 757.50 /<br>-5 | Closed<br>535 Duane Ave<br>Glen Ellyn IL 60137 | UST |
| <b>Facility No:</b> 2025812 <b>Green Tag Decal:</b><br><b>Facility Status:</b> Du Page <b>Green Tag Issue Date:</b><br><b>Facility Type:</b> <b>Green Tag Exp Dt:</b><br><b>Motor Fuel Type:</b> None <b>Mtr Fuel Perm Insp Dt:</b><br><b>Owner Type:</b> <b>Mtr Fuel Perm Exp Dt:</b><br><b>Owner Name:</b> Village of Glen Ellyn <b>Purchase Date:</b><br><b>Owner Status:</b> Current Owner <b>County:</b> 535 Duane AveGlen Ellyn, IL 60137<br><b>Owner Address:</b> 535 Duane Ave.Glen Ellyn, IL 60137<br><b>Type Financial Resp:</b> Risk Retention Group<br><b>Fin Resp Rpt Due:</b><br><b>Permit History Link:</b> <a href="https://webapps.sfm.illinois.gov/USTPortal/Permit/FacilityPermitList/2025812">https://webapps.sfm.illinois.gov/USTPortal/Permit/FacilityPermitList/2025812</a> |        |     |                    |                |                                                |     |

Tank Information

|                        |            |                              |          |
|------------------------|------------|------------------------------|----------|
| <b>Tank No:</b>        | 1          | <b>Product:</b>              | Gasoline |
| <b>Capacity:</b>       | 3000       | <b>CERCLA Substance:</b>     |          |
| <b>Status:</b>         | Removed    | <b>CAS Code:</b>             |          |
| <b>Install Date:</b>   | 20         | <b>OSFM First Notify Dt:</b> | Federal  |
| <b>Abandoned Date:</b> |            | <b>Abandoned Material:</b>   |          |
| <b>Last Used Date:</b> |            | <b>Red Tag Issue Date:</b>   |          |
| <b>Removed Date:</b>   | 10/24/1990 | <b>Product Date:</b>         |          |
| <b>Current Age:</b>    | 5/21/1990  | <b>Fee Due:</b>              |          |
| <b>Petroleum Use:</b>  |            |                              |          |

Owner Summary

|                    |                        |                       |               |
|--------------------|------------------------|-----------------------|---------------|
| <b>Owner No:</b>   | U0005895               | <b>Owner Status:</b>  | Current Owner |
| <b>Owner Name:</b> | Village of Glen Ellyn, | <b>Purchase Date:</b> |               |

|                                                     |        |   |                    |                 |                                                       |     |
|-----------------------------------------------------|--------|---|--------------------|-----------------|-------------------------------------------------------|-----|
| <a href="#">22</a>                                  | 1 of 1 | N | 0.20 /<br>1,078.80 | 737.40 /<br>-25 | Exempt<br>534 Pennsylvania Ave<br>Glen Ellyn IL 60137 | UST |
| <b>Facility No:</b> 2045820 <b>Green Tag Decal:</b> |        |   |                    |                 |                                                       |     |



| Map Key              | Number of Records                                                                                                                                                       | Direction         | Distance (mi/ft) | Elev/Diff (ft)         | Site                 | DB                   |
|----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|------------------|------------------------|----------------------|----------------------|
| Facility Status:     | Du Page                                                                                                                                                                 |                   |                  | Green Tag Issue Date:  |                      |                      |
| Facility Type:       |                                                                                                                                                                         |                   |                  | Green Tag Exp Dt:      |                      |                      |
| Motor Fuel Type:     | None                                                                                                                                                                    |                   |                  | Mtr Fuel Perm Insp Dt: |                      |                      |
| Owner Type:          |                                                                                                                                                                         |                   |                  | Mtr Fuel Perm Exp Dt:  |                      |                      |
| Owner Name:          | Gloria Stogsdill                                                                                                                                                        |                   |                  | Purchase Date:         |                      |                      |
| Owner Status:        | Current Owner                                                                                                                                                           |                   |                  | County:                | 534 Pennsylvania Ave | Glen Ellyn, IL 60137 |
| Owner Address:       | 2812 Casey Key Rd                                                                                                                                                       | Nokomis, FL 34275 |                  |                        |                      |                      |
| Type Financial Resp: |                                                                                                                                                                         |                   |                  |                        |                      |                      |
| Fin Resp Rpt Due:    |                                                                                                                                                                         |                   |                  |                        |                      |                      |
| Permit History Link: | <a href="https://webapps.sfm.illinois.gov/USTPortal/Permit/FacilityPermitList/2045820">https://webapps.sfm.illinois.gov/USTPortal/Permit/FacilityPermitList/2045820</a> |                   |                  |                        |                      |                      |

Tank Information

|                        |           |                              |             |
|------------------------|-----------|------------------------------|-------------|
| <b>Tank No:</b>        | 2         | <b>Product:</b>              | Heating Oil |
| <b>Capacity:</b>       | 500       | <b>CERCLA Substance:</b>     |             |
| <b>Status:</b>         | Removed   | <b>CAS Code:</b>             |             |
| <b>Install Date:</b>   |           | <b>OSFM First Notify Dt:</b> | State       |
| <b>Abandoned Date:</b> |           | <b>Abandoned Material:</b>   |             |
| <b>Last Used Date:</b> |           | <b>Red Tag Issue Date:</b>   |             |
| <b>Removed Date:</b>   | 8/11/2015 | <b>Product Date:</b>         | 12/31/1973  |
| <b>Current Age:</b>    |           | <b>Fee Due:</b>              |             |
| <b>Petroleum Use:</b>  |           |                              |             |

Tank Information

|                        |           |                              |             |
|------------------------|-----------|------------------------------|-------------|
| <b>Tank No:</b>        | 1         | <b>Product:</b>              | Heating Oil |
| <b>Capacity:</b>       | 500       | <b>CERCLA Substance:</b>     |             |
| <b>Status:</b>         | Removed   | <b>CAS Code:</b>             |             |
| <b>Install Date:</b>   |           | <b>OSFM First Notify Dt:</b> | State       |
| <b>Abandoned Date:</b> |           | <b>Abandoned Material:</b>   |             |
| <b>Last Used Date:</b> |           | <b>Red Tag Issue Date:</b>   |             |
| <b>Removed Date:</b>   | 8/11/2015 | <b>Product Date:</b>         | 12/31/1973  |
| <b>Current Age:</b>    |           | <b>Fee Due:</b>              |             |
| <b>Petroleum Use:</b>  |           |                              |             |

Owner Summary

|                    |                   |                       |               |
|--------------------|-------------------|-----------------------|---------------|
| <b>Owner No:</b>   | U0037676          | <b>Owner Status:</b>  | Current Owner |
| <b>Owner Name:</b> | Stogsdill, Gloria | <b>Purchase Date:</b> |               |

[23](#)

1 of 1

WSW

0.21 /  
1,121.27771.36 /  
9466 PHILLIPS  
466 PHILLIPS  
GLEN ELLYN IL 60195

FINDS/FRS

|                              |              |
|------------------------------|--------------|
| <b>Registry ID:</b>          | 110059865542 |
| <b>FIPS Code:</b>            | 17043        |
| <b>Program Acronyms:</b>     | ACES         |
| <b>HUC Code:</b>             | 07120004     |
| <b>Site Type Name:</b>       | STATIONARY   |
| <b>Location Description:</b> |              |

| Map Key                       | Number of Records | Direction                                                                                      | Distance (mi/ft) | Elev/Diff (ft) | Site | DB |
|-------------------------------|-------------------|------------------------------------------------------------------------------------------------|------------------|----------------|------|----|
| <b>Supplemental Location:</b> |                   |                                                                                                |                  |                |      |    |
| Create Date:                  |                   | 16-JUL-2014 09:02:24                                                                           |                  |                |      |    |
| Update Date:                  |                   |                                                                                                |                  |                |      |    |
| Interest Types:               |                   | STATE MASTER                                                                                   |                  |                |      |    |
| SIC Codes:                    |                   |                                                                                                |                  |                |      |    |
| SIC Code Descriptions:        |                   |                                                                                                |                  |                |      |    |
| NAICS Codes:                  |                   |                                                                                                |                  |                |      |    |
| NAICS Code Descriptions:      |                   |                                                                                                |                  |                |      |    |
| Conveyor:                     |                   | FRS-GEOCODE                                                                                    |                  |                |      |    |
| Federal Facility Code:        |                   |                                                                                                |                  |                |      |    |
| Federal Agency Name:          |                   |                                                                                                |                  |                |      |    |
| Tribal Land Code:             |                   |                                                                                                |                  |                |      |    |
| Tribal Land Name:             |                   |                                                                                                |                  |                |      |    |
| Congressional Dist No.:       |                   | 06                                                                                             |                  |                |      |    |
| Census Block Code:            |                   | 170438423001015                                                                                |                  |                |      |    |
| EPA Region Code:              |                   | 05                                                                                             |                  |                |      |    |
| County Name:                  |                   | DUPAGE                                                                                         |                  |                |      |    |
| US/Mexico Border Ind:         |                   |                                                                                                |                  |                |      |    |
| Latitude:                     |                   | 41.87308                                                                                       |                  |                |      |    |
| Longitude:                    |                   | -88.06917                                                                                      |                  |                |      |    |
| Reference Point:              |                   | CENTER OF A FACILITY OR STATION                                                                |                  |                |      |    |
| Coord Collection Method:      |                   | ADDRESS MATCHING-HOUSE NUMBER                                                                  |                  |                |      |    |
| Accuracy Value:               |                   | 30                                                                                             |                  |                |      |    |
| Datum:                        |                   | NAD83                                                                                          |                  |                |      |    |
| Source:                       |                   |                                                                                                |                  |                |      |    |
| Facility Detail Rprt URL:     |                   | http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110059865542 |                  |                |      |    |

|                          |                                                                                                                                                                                                                                                                                                                                                                                       |    |                    |                    |                                             |      |
|--------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|--------------------|--------------------|---------------------------------------------|------|
| <a href="#">24</a>       | 1 of 1                                                                                                                                                                                                                                                                                                                                                                                | NE | 0.21 /<br>1,122.18 | 741.32 /<br>-21    | PARK BLVD. & CRESCENT BLVD.<br>GLENEELYN IL | ERNS |
| NRC Report No:           | 1087821                                                                                                                                                                                                                                                                                                                                                                               |    |                    | Latitude Degrees:  |                                             |      |
| Type of Incident:        | RAILROAD                                                                                                                                                                                                                                                                                                                                                                              |    |                    | Latitude Minutes:  |                                             |      |
| Incident Cause:          | UNKNOWN                                                                                                                                                                                                                                                                                                                                                                               |    |                    | Latitude Seconds:  |                                             |      |
| Incident Date:           | 7/1/2014 10:00:00 AM                                                                                                                                                                                                                                                                                                                                                                  |    |                    | Longitude Degrees: |                                             |      |
| Incident Location:       | APPROXIMATELY 200 FEET FROM THE<br>NEAREST GRADE CROSSING                                                                                                                                                                                                                                                                                                                             |    |                    | Longitude Minutes: |                                             |      |
| Incident Dtg:            | DISCOVERED                                                                                                                                                                                                                                                                                                                                                                            |    |                    | Longitude Seconds: |                                             |      |
| Distance from City:      |                                                                                                                                                                                                                                                                                                                                                                                       |    |                    | Lat Quad:          |                                             |      |
| Distance Units:          |                                                                                                                                                                                                                                                                                                                                                                                       |    |                    | Long Quad:         |                                             |      |
| Potential Flag:          | Yes                                                                                                                                                                                                                                                                                                                                                                                   |    |                    | Location Section:  |                                             |      |
| Year:                    | Year 2014 Reports                                                                                                                                                                                                                                                                                                                                                                     |    |                    | Location Township: |                                             |      |
| Direction from City:     |                                                                                                                                                                                                                                                                                                                                                                                       |    |                    | Location Range:    |                                             |      |
| Location County:         | DU PAGE                                                                                                                                                                                                                                                                                                                                                                               |    |                    |                    |                                             |      |
| Description of Incident: | THE CALLER IS REPORTING DIESEL FUMES COMING FROM WHAT APPEARS TO BE A UNMANNED FREIGHT TRAIN. THE CALLER STATED THAT THE TRAIN HAS BEEN SITTING IN THE AREA FOR THE PAST 24 HOURS (01JUL14-02JUL14) WITH THE ENGINE RUNNING AND THE DIESEL FUMES CAN BE DETECTED IN A LOCAL RESIDENTIAL AREA. THE CALLER IS ALSO CONCERNED WITH SECURITY ISSUES WITH THE TRAIN BEING LEFT UNOCCUPIED. |    |                    |                    |                                             |      |

Material Spill Information

| Map Key             | Number of Records | Direction | Distance (mi/ft) | Elev/Diff (ft) | Site              | DB             |
|---------------------|-------------------|-----------|------------------|----------------|-------------------|----------------|
| Chris Code:         | ODS               |           |                  |                | Unit of Measure:  | UNKNOWN AMOUNT |
| CAS No:             | 000000-00-0       |           |                  |                | If Reached Water: | UNKNOWN        |
| UN No:              |                   |           |                  |                | Amount in Water:  | 0              |
| Name of Material:   | OIL: DIESEL       |           |                  |                | Unit Reach Water: | UNKNOWN AMOUNT |
| Amount of Material: | 0                 |           |                  |                |                   |                |

**Calls Information**

|                     |                      |                    |           |
|---------------------|----------------------|--------------------|-----------|
| Date Time Received: | 7/2/2014 10:57:41 AM | Responsible City:  |           |
| Date Time Complete: | 7/2/2014 11:05:20 AM | Responsible State: | XX        |
| Call Type:          | INC                  | Responsible Zip:   |           |
| Resp Company:       | UNION PACIFIC TRAIN  | Source:            | TELEPHONE |
| Resp Org Type:      | PRIVATE ENTERPRISE   |                    |           |

**Incident Information**

|                       |       |                      |     |
|-----------------------|-------|----------------------|-----|
| Tank ID:              |       | Building ID:         |     |
| Tank Regulated:       | U     | Location Area ID:    |     |
| Tank Regulated By:    |       | Location Block ID:   |     |
| Capacity of Tank:     |       | OCSG No:             |     |
| Capacity Tank Units:  |       | OCSF No:             |     |
| Description of Tank:  |       | State Lease No:      |     |
| Actual Amount:        |       | Pier Dock No:        |     |
| Actual Amount Units:  |       | Berth Slip No:       |     |
| Tank Above Ground:    | ABOVE | Brake Failure:       | U   |
| NPDES:                |       | Airbag Deployed:     | U   |
| NPDES Compliance:     | U     | Transport Contain:   | U   |
| Init Contin Rel No:   |       | Location Subdiv:     |     |
| Contin Rel Permit:    |       | Platform Rig Name:   |     |
| Contin Release Type:  |       | Platform Letter:     |     |
| Aircraft ID:          |       | Allision:            | U   |
| Aircraft Runway No:   |       | Type of Structure:   |     |
| Aircraft Spot No:     |       | Structure Name:      |     |
| Aircraft Type:        |       | Structure Oper:      | U   |
| Aircraft Model:       |       | Transit Bus Flag:    |     |
| Aircraft Fuel Cap:    |       | Date Time Norm Serv: |     |
| Aircraft Fuel Cap U:  |       | Serv Disrupt Time:   |     |
| Aircraft Fuel on Brd: |       | Serv Disrupt Units:  |     |
| Aircraft Fuel OB U:   |       | CR Begin Date:       |     |
| Aircraft Hanger:      |       | CR End Date:         |     |
| Road Mile Marker:     |       | CR Change Date:      |     |
| Power Gen Facility:   | U     | FBI Contact:         |     |
| Generating Capacity:  |       | FBI Contact Dt Tm:   |     |
| Type of Fixed Obj:    |       | Passenger Handling:  |     |
| Type of Fuel:         |       | Passenger Route:     | UNK |
| DOT Crossing No:      |       | Passenger Delay:     | UNK |
| DOT Regulated:        | U     | Sub Part C Test Req: | UNK |
| Pipeline Type:        |       | Conductor Test:      |     |
| Pipeline Abv Ground:  | ABOVE | Engineer Test:       |     |
| Pipeline Covered:     | U     | Trainman Test:       |     |

| Map Key              | Number of Records | Direction | Distance (mi/ft) | Elev/Diff (ft) | Site               | DB |
|----------------------|-------------------|-----------|------------------|----------------|--------------------|----|
| Exposed Underwater:  | N                 |           |                  |                | Yard Foreman Test: |    |
| Railroad Hotline:    |                   |           |                  |                | RCL Operator Test: |    |
| Railroad Milepost:   |                   |           |                  |                | Brakeman Test:     |    |
| Grade Crossing:      | U                 |           |                  |                | Train Dispat Test: |    |
| Crossing Device Ty:  |                   |           |                  |                | Signalman Test:    |    |
| Ty Vehicle Involved: |                   |           |                  |                | Oth Employee Test: |    |
| Device Operational:  | U                 |           |                  |                | Unknown Test:      |    |

Incident Details Information

|                      |                      |  |  |  |                       |                                                                     |
|----------------------|----------------------|--|--|--|-----------------------|---------------------------------------------------------------------|
| Release Secured:     | U                    |  |  |  | State Agen Report No: |                                                                     |
| Release Rate:        |                      |  |  |  | State Agen on Scene:  |                                                                     |
| Release Rate Unit:   |                      |  |  |  | State Agen Notified:  |                                                                     |
| Release Rate Rate:   |                      |  |  |  | Fed Agency Notified:  |                                                                     |
| Est Duration of Rel: |                      |  |  |  | Oth Agency Notified:  |                                                                     |
| Desc Remedial Act:   |                      |  |  |  | Body of Water:        |                                                                     |
| Fire Involved:       | N                    |  |  |  | Tributary of:         |                                                                     |
| Fire Extinguished:   | U                    |  |  |  | Near River Mile Make: |                                                                     |
| Any Evacuations:     | N                    |  |  |  | Near River Mile Mark: |                                                                     |
| Number Evacuated:    |                      |  |  |  | Offshore:             | N                                                                   |
| Who Evacuated:       |                      |  |  |  | Weather Conditions:   | UNKNOWN                                                             |
| Radius of Evacu:     |                      |  |  |  | Air Temperature:      |                                                                     |
| Any Injuries:        | N                    |  |  |  | Wind Direction:       |                                                                     |
| No. Injured:         |                      |  |  |  | Wind Speed:           |                                                                     |
| No. Hospitalized:    |                      |  |  |  | Wind Speed Unit:      |                                                                     |
| No. Fatalities:      |                      |  |  |  | Water Supp Contam:    | U                                                                   |
| Any Fatalities:      | N                    |  |  |  | Water Temperature:    |                                                                     |
| Any Damages:         | N                    |  |  |  | Wave Condition:       |                                                                     |
| Damage Amount:       |                      |  |  |  | Current Speed:        |                                                                     |
| Air Corridor Closed: | N                    |  |  |  | Current Direction:    |                                                                     |
| Air Corridor Desc:   |                      |  |  |  | Current Speed Unit:   |                                                                     |
| Air Closure Time:    |                      |  |  |  | EMPL Fatality:        |                                                                     |
| Waterway Closed:     | N                    |  |  |  | Pass Fatality:        |                                                                     |
| Waterway Desc:       |                      |  |  |  | Community Impact:     |                                                                     |
| Waterway Close Time: |                      |  |  |  | Passengers Transfer:  | NO                                                                  |
| Road Closed:         | N                    |  |  |  | Passenger Injuries:   |                                                                     |
| Road Desc:           |                      |  |  |  | Employee Injuries:    |                                                                     |
| Road Closure Time:   |                      |  |  |  | Occupant Fatality:    |                                                                     |
| Road Closure Units:  |                      |  |  |  | Sheen Size:           |                                                                     |
| Closure Direction:   |                      |  |  |  | Sheen Size Units:     |                                                                     |
| Major Artery:        | No                   |  |  |  | Sheen Size Length:    |                                                                     |
| Track Closed:        | N                    |  |  |  | Sheen Size Length U:  |                                                                     |
| Track Desc:          |                      |  |  |  | Sheen Size Width:     |                                                                     |
| Track Closure Time:  |                      |  |  |  | Sheen Size Width U:   |                                                                     |
| Track Closure Units: |                      |  |  |  | Sheen Color:          |                                                                     |
| Track Close Dir:     |                      |  |  |  | Dir of Sheen Travel:  |                                                                     |
| Media Interest:      | UNKNOWN              |  |  |  | Sheen Odor Desc:      |                                                                     |
| Medium Desc:         | NON-RELEASE (N/A)    |  |  |  | Duration Unit:        |                                                                     |
| Addl Medium Info:    | /POTENTIAL DISCHARGE |  |  |  | Additional Info:      | CALLER STATED THAT THERE IS OTHER TRAIN TRAFFIC MOVING IN THE AREA. |

| Map Key                   | Number of Records | Direction                                                                                      | Distance (mi/ft) | Elev/Diff (ft) | Site                                                        | DB                                                                                                                                                 |
|---------------------------|-------------------|------------------------------------------------------------------------------------------------|------------------|----------------|-------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|
|                           |                   |                                                                                                |                  |                |                                                             | CALLER STATED THERE HAS BEEN A SIMILAR RELATED INCIDENT BEFORE WHERE A TRAIN WAS LEFT SITTING UNMANNED IN THE AREA FOR AN EXTENDED AMOUNT OF TIME. |
| <a href="#">25</a>        | 1 of 1            | NNW                                                                                            | 0.21 / 1,132.86  | 748.42 / -14   | 494 PENNSYLVANIA ST.<br>GLEN ELLYN IL 60137                 | FINDS/FRS                                                                                                                                          |
| Registry ID:              |                   | 110020880616                                                                                   |                  |                |                                                             |                                                                                                                                                    |
| FIPS Code:                |                   | 17043                                                                                          |                  |                |                                                             |                                                                                                                                                    |
| Program Acronyms:         |                   | AIRS/AQS                                                                                       |                  |                |                                                             |                                                                                                                                                    |
| HUC Code:                 |                   | 07120004                                                                                       |                  |                |                                                             |                                                                                                                                                    |
| Site Type Name:           |                   | MONITORING STATION                                                                             |                  |                |                                                             |                                                                                                                                                    |
| Location Description:     |                   |                                                                                                |                  |                |                                                             |                                                                                                                                                    |
| Supplemental Location:    |                   |                                                                                                |                  |                |                                                             |                                                                                                                                                    |
| Create Date:              |                   | 12-APR-2005 00:21:00                                                                           |                  |                |                                                             |                                                                                                                                                    |
| Update Date:              |                   | 18-DEC-2008 13:15:17                                                                           |                  |                |                                                             |                                                                                                                                                    |
| Interest Types:           |                   | AIR MONITORING SITE                                                                            |                  |                |                                                             |                                                                                                                                                    |
| SIC Codes:                |                   |                                                                                                |                  |                |                                                             |                                                                                                                                                    |
| SIC Code Descriptions:    |                   |                                                                                                |                  |                |                                                             |                                                                                                                                                    |
| NAICS Codes:              |                   |                                                                                                |                  |                |                                                             |                                                                                                                                                    |
| NAICS Code Descriptions:  |                   |                                                                                                |                  |                |                                                             |                                                                                                                                                    |
| Conveyor:                 |                   | FRS-GEOCODE                                                                                    |                  |                |                                                             |                                                                                                                                                    |
| Federal Facility Code:    |                   |                                                                                                |                  |                |                                                             |                                                                                                                                                    |
| Federal Agency Name:      |                   |                                                                                                |                  |                |                                                             |                                                                                                                                                    |
| Tribal Land Code:         |                   |                                                                                                |                  |                |                                                             |                                                                                                                                                    |
| Tribal Land Name:         |                   |                                                                                                |                  |                |                                                             |                                                                                                                                                    |
| Congressional Dist No.:   |                   | 06                                                                                             |                  |                |                                                             |                                                                                                                                                    |
| Census Block Code:        |                   | 170438422001018                                                                                |                  |                |                                                             |                                                                                                                                                    |
| EPA Region Code:          |                   | 05                                                                                             |                  |                |                                                             |                                                                                                                                                    |
| County Name:              |                   | DUPAGE                                                                                         |                  |                |                                                             |                                                                                                                                                    |
| US/Mexico Border Ind:     |                   |                                                                                                |                  |                |                                                             |                                                                                                                                                    |
| Latitude:                 |                   | 41.877408                                                                                      |                  |                |                                                             |                                                                                                                                                    |
| Longitude:                |                   | -88.067482                                                                                     |                  |                |                                                             |                                                                                                                                                    |
| Reference Point:          |                   | ENTRANCE POINT OF A FACILITY OR STATION                                                        |                  |                |                                                             |                                                                                                                                                    |
| Coord Collection Method:  |                   | ADDRESS MATCHING-HOUSE NUMBER                                                                  |                  |                |                                                             |                                                                                                                                                    |
| Accuracy Value:           |                   | 50                                                                                             |                  |                |                                                             |                                                                                                                                                    |
| Datum:                    |                   | NAD83                                                                                          |                  |                |                                                             |                                                                                                                                                    |
| Source:                   |                   |                                                                                                |                  |                |                                                             |                                                                                                                                                    |
| Facility Detail Rprt URL: |                   | http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110020880616 |                  |                |                                                             |                                                                                                                                                    |
| <a href="#">26</a>        | 1 of 2            | NW                                                                                             | 0.22 / 1,151.52  | 750.55 / -12   | 490 PENNSYLVANIA<br>490 PENNSYLVANIA<br>GLEN ELLYN IL 60137 | FINDS/FRS                                                                                                                                          |
| Registry ID:              |                   | 110038133034                                                                                   |                  |                |                                                             |                                                                                                                                                    |
| FIPS Code:                |                   | 17043                                                                                          |                  |                |                                                             |                                                                                                                                                    |
| Program Acronyms:         |                   | ACES                                                                                           |                  |                |                                                             |                                                                                                                                                    |
| HUC Code:                 |                   | 07120004                                                                                       |                  |                |                                                             |                                                                                                                                                    |
| Site Type Name:           |                   | STATIONARY                                                                                     |                  |                |                                                             |                                                                                                                                                    |
| Location Description:     |                   |                                                                                                |                  |                |                                                             |                                                                                                                                                    |



| Map Key                       | Number of Records | Direction                                                                                                                                                                                                   | Distance (mi/ft) | Elev/Diff (ft) | Site | DB |
|-------------------------------|-------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|----------------|------|----|
| <b>Supplemental Location:</b> |                   |                                                                                                                                                                                                             |                  |                |      |    |
| Create Date:                  |                   | 20-MAR-2009 14:14:53                                                                                                                                                                                        |                  |                |      |    |
| Update Date:                  |                   | 29-DEC-2014 19:32:02                                                                                                                                                                                        |                  |                |      |    |
| Interest Types:               |                   | STATE MASTER                                                                                                                                                                                                |                  |                |      |    |
| SIC Codes:                    |                   |                                                                                                                                                                                                             |                  |                |      |    |
| SIC Code Descriptions:        |                   |                                                                                                                                                                                                             |                  |                |      |    |
| NAICS Codes:                  |                   |                                                                                                                                                                                                             |                  |                |      |    |
| NAICS Code Descriptions:      |                   |                                                                                                                                                                                                             |                  |                |      |    |
| Conveyor:                     |                   | FRS-GEOCODE                                                                                                                                                                                                 |                  |                |      |    |
| Federal Facility Code:        |                   |                                                                                                                                                                                                             |                  |                |      |    |
| Federal Agency Name:          |                   |                                                                                                                                                                                                             |                  |                |      |    |
| Tribal Land Code:             |                   |                                                                                                                                                                                                             |                  |                |      |    |
| Tribal Land Name:             |                   |                                                                                                                                                                                                             |                  |                |      |    |
| Congressional Dist No.:       |                   | 06                                                                                                                                                                                                          |                  |                |      |    |
| Census Block Code:            |                   | 170438422001018                                                                                                                                                                                             |                  |                |      |    |
| EPA Region Code:              |                   | 05                                                                                                                                                                                                          |                  |                |      |    |
| County Name:                  |                   | DUPAGE                                                                                                                                                                                                      |                  |                |      |    |
| US/Mexico Border Ind:         |                   |                                                                                                                                                                                                             |                  |                |      |    |
| Latitude:                     |                   | 41.8773                                                                                                                                                                                                     |                  |                |      |    |
| Longitude:                    |                   | -88.06809                                                                                                                                                                                                   |                  |                |      |    |
| Reference Point:              |                   | CENTER OF A FACILITY OR STATION                                                                                                                                                                             |                  |                |      |    |
| Coord Collection Method:      |                   | ADDRESS MATCHING-HOUSE NUMBER                                                                                                                                                                               |                  |                |      |    |
| Accuracy Value:               |                   | 30                                                                                                                                                                                                          |                  |                |      |    |
| Datum:                        |                   | NAD83                                                                                                                                                                                                       |                  |                |      |    |
| Source:                       |                   |                                                                                                                                                                                                             |                  |                |      |    |
| Facility Detail Rprt URL:     |                   | <a href="http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110038133034">http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110038133034</a> |                  |                |      |    |

|                      |                                                                                                                                                                         |    |                    |                        |                                                          |     |
|----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|--------------------|------------------------|----------------------------------------------------------|-----|
| <a href="#">26</a>   | 2 of 2                                                                                                                                                                  | NW | 0.22 /<br>1,151.52 | 750.55 /<br>-12        | Exempt<br>490 Pennsylvania Avenue<br>Glen Ellyn IL 60137 | UST |
| Facility No:         | 2042669                                                                                                                                                                 |    |                    | Green Tag Decal:       |                                                          |     |
| Facility Status:     | Du Page                                                                                                                                                                 |    |                    | Green Tag Issue Date:  |                                                          |     |
| Facility Type:       |                                                                                                                                                                         |    |                    | Green Tag Exp Dt:      |                                                          |     |
| Motor Fuel Type:     | None                                                                                                                                                                    |    |                    | Mtr Fuel Perm Insp Dt: |                                                          |     |
| Owner Type:          |                                                                                                                                                                         |    |                    | Mtr Fuel Perm Exp Dt:  |                                                          |     |
| Owner Name:          | Carl Kuhn                                                                                                                                                               |    |                    | Purchase Date:         |                                                          |     |
| Owner Status:        | Current Owner                                                                                                                                                           |    |                    | County:                | 490 Pennsylvania AvenueGlen Ellyn, IL 60137              |     |
| Owner Address:       |                                                                                                                                                                         |    |                    |                        |                                                          |     |
| Type Financial Resp: |                                                                                                                                                                         |    |                    |                        |                                                          |     |
| Fin Resp Rpt Due:    |                                                                                                                                                                         |    |                    |                        |                                                          |     |
| Permit History Link: | <a href="https://webapps.sfm.illinois.gov/USTPortal/Permit/FacilityPermitList/2042669">https://webapps.sfm.illinois.gov/USTPortal/Permit/FacilityPermitList/2042669</a> |    |                    |                        |                                                          |     |

**Tank Information**

|                 |         |                       |             |
|-----------------|---------|-----------------------|-------------|
| Tank No:        | 1       | Product:              | Heating Oil |
| Capacity:       | 2000    | CERCLA Substance:     |             |
| Status:         | Removed | CAS Code:             |             |
| Install Date:   |         | OSFM First Notify Dt: | Exempt      |
| Abandoned Date: |         | Abandoned Material:   |             |

| Map Key         | Number of<br>Records | Direction                   | Distance<br>(mi/ft) | Elev/Diff<br>(ft)   | Site | DB         |
|-----------------|----------------------|-----------------------------|---------------------|---------------------|------|------------|
| Last Used Date: |                      |                             |                     | Red Tag Issue Date: |      |            |
| Removed Date:   |                      | 2/17/2005                   |                     | Product Date:       |      | 12/31/1973 |
| Current Age:    |                      |                             |                     | Fee Due:            |      | \$0.00     |
| Petroleum Use:  |                      | Consumptive Use on Premises |                     |                     |      |            |

Owner Summary

|                    |           |                       |               |
|--------------------|-----------|-----------------------|---------------|
| <b>Owner No:</b>   | U0032537  | <b>Owner Status:</b>  | Current Owner |
| <b>Owner Name:</b> | Carl Kuhn | <b>Purchase Date:</b> |               |

|                    |        |    |                    |                 |                                                           |           |
|--------------------|--------|----|--------------------|-----------------|-----------------------------------------------------------|-----------|
| <a href="#">27</a> | 1 of 2 | NW | 0.22 /<br>1,160.36 | 752.53 /<br>-10 | OAK BROOK BANK<br>487 PENNSYLVANIA<br>GLEN ELLYN IL 60137 | FINDS/FRS |
|--------------------|--------|----|--------------------|-----------------|-----------------------------------------------------------|-----------|

**Registry ID:** 110018377914  
**FIPS Code:** 17043  
**Program Acronyms:** ACES  
**HUC Code:** 07120004  
**Site Type Name:** STATIONARY  
**Location Description:**  
**Supplemental Location:**  
**Create Date:** 19-OCT-2004 16:46:44  
**Update Date:** 29-DEC-2014 09:28:59  
**Interest Types:** STATE MASTER  
**SIC Codes:**  
**SIC Code Descriptions:**  
**NAICS Codes:**  
**NAICS Code Descriptions:**  
**Conveyor:** FRS-GEocode  
**Federal Facility Code:**  
**Federal Agency Name:**  
**Tribal Land Code:**  
**Tribal Land Name:**  
**Congressional Dist No.:** 06  
**Census Block Code:** 170438422001018  
**EPA Region Code:** 05  
**County Name:** DUPAGE  
**US/Mexico Border Ind:**  
**Latitude:** 41.87727  
**Longitude:** -88.06826  
**Reference Point:** CENTER OF A FACILITY OR STATION  
**Coord Collection Method:** ADDRESS MATCHING-HOUSE NUMBER  
**Accuracy Value:** 30  
**Datum:** NAD83  
**Source:**  
**Facility Detail Rprt URL:** [http://ofmpub.epa.gov/enviro/fii\\_query\\_detail.disp\\_program\\_facility?p\\_registry\\_id=110018377914](http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110018377914)

|                    |        |    |                    |                 |                                                   |     |
|--------------------|--------|----|--------------------|-----------------|---------------------------------------------------|-----|
| <a href="#">27</a> | 2 of 2 | NW | 0.22 /<br>1,160.36 | 752.53 /<br>-10 | Exempt<br>487 Pennsylvania<br>Glen Ellyn IL 60137 | UST |
|--------------------|--------|----|--------------------|-----------------|---------------------------------------------------|-----|

| Map Key                     | Number of Records                                                                                                                                                       | Direction           | Distance (mi/ft) | Elev/Diff (ft) | Site                          | DB                                   |
|-----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|------------------|----------------|-------------------------------|--------------------------------------|
| <b>Facility No:</b>         | 2035234                                                                                                                                                                 |                     |                  |                | <b>Green Tag Decal:</b>       |                                      |
| <b>Facility Status:</b>     | Du Page                                                                                                                                                                 |                     |                  |                | <b>Green Tag Issue Date:</b>  |                                      |
| <b>Facility Type:</b>       |                                                                                                                                                                         |                     |                  |                | <b>Green Tag Exp Dt:</b>      |                                      |
| <b>Motor Fuel Type:</b>     | Golf Course                                                                                                                                                             |                     |                  |                | <b>Mtr Fuel Perm Insp Dt:</b> |                                      |
| <b>Owner Type:</b>          |                                                                                                                                                                         |                     |                  |                | <b>Mtr Fuel Perm Exp Dt:</b>  |                                      |
| <b>Owner Name:</b>          | Oak Brook Bank                                                                                                                                                          |                     |                  |                | <b>Purchase Date:</b>         |                                      |
| <b>Owner Status:</b>        | Current Owner                                                                                                                                                           |                     |                  |                | <b>County:</b>                | 487 PennsylvaniaGlen Ellyn, IL 60137 |
| <b>Owner Address:</b>       | 1400 W 16Th St                                                                                                                                                          | Oak Brook, IL 60521 |                  |                |                               |                                      |
| <b>Type Financial Resp:</b> |                                                                                                                                                                         |                     |                  |                |                               |                                      |
| <b>Fin Resp Rpt Due:</b>    |                                                                                                                                                                         |                     |                  |                |                               |                                      |
| <b>Permit History Link:</b> | <a href="https://webapps.sfm.illinois.gov/USTPortal/Permit/FacilityPermitList/2035234">https://webapps.sfm.illinois.gov/USTPortal/Permit/FacilityPermitList/2035234</a> |                     |                  |                |                               |                                      |

**Tank Information**

|                        |          |                              |            |
|------------------------|----------|------------------------------|------------|
| <b>Tank No:</b>        | 1        | <b>Product:</b>              | Gasoline   |
| <b>Capacity:</b>       | 2000     | <b>CERCLA Substance:</b>     |            |
| <b>Status:</b>         | Pre 1974 | <b>CAS Code:</b>             |            |
| <b>Install Date:</b>   |          | <b>OSFM First Notify Dt:</b> | Exempt     |
| <b>Abandoned Date:</b> |          | <b>Abandoned Material:</b>   |            |
| <b>Last Used Date:</b> |          | <b>Red Tag Issue Date:</b>   |            |
| <b>Removed Date:</b>   |          | <b>Product Date:</b>         | 12/31/1973 |
| <b>Current Age:</b>    | 1/1/1902 | <b>Fee Due:</b>              |            |
| <b>Petroleum Use:</b>  |          |                              |            |

**Tank Information**

|                        |          |                              |            |
|------------------------|----------|------------------------------|------------|
| <b>Tank No:</b>        | 3        | <b>Product:</b>              | Gasoline   |
| <b>Capacity:</b>       | 2000     | <b>CERCLA Substance:</b>     |            |
| <b>Status:</b>         | Pre 1974 | <b>CAS Code:</b>             |            |
| <b>Install Date:</b>   |          | <b>OSFM First Notify Dt:</b> | Exempt     |
| <b>Abandoned Date:</b> |          | <b>Abandoned Material:</b>   |            |
| <b>Last Used Date:</b> |          | <b>Red Tag Issue Date:</b>   |            |
| <b>Removed Date:</b>   |          | <b>Product Date:</b>         | 12/31/1973 |
| <b>Current Age:</b>    | 1/1/1902 | <b>Fee Due:</b>              |            |
| <b>Petroleum Use:</b>  |          |                              |            |

**Tank Information**

|                        |           |                              |          |
|------------------------|-----------|------------------------------|----------|
| <b>Tank No:</b>        | 4         | <b>Product:</b>              | Used Oil |
| <b>Capacity:</b>       | 500       | <b>CERCLA Substance:</b>     |          |
| <b>Status:</b>         | Removed   | <b>CAS Code:</b>             |          |
| <b>Install Date:</b>   |           | <b>OSFM First Notify Dt:</b> | Exempt   |
| <b>Abandoned Date:</b> |           | <b>Abandoned Material:</b>   |          |
| <b>Last Used Date:</b> |           | <b>Red Tag Issue Date:</b>   |          |
| <b>Removed Date:</b>   | 6/3/1998  | <b>Product Date:</b>         |          |
| <b>Current Age:</b>    | 8/25/1998 | <b>Fee Due:</b>              |          |
| <b>Petroleum Use:</b>  |           |                              |          |

| Map Key | Number of Records | Direction | Distance (mi/ft) | Elev/Diff (ft) | Site | DB |
|---------|-------------------|-----------|------------------|----------------|------|----|
|---------|-------------------|-----------|------------------|----------------|------|----|

Tank Information

|                 |          |                       |            |
|-----------------|----------|-----------------------|------------|
| Tank No:        | 2        | Product:              | Gasoline   |
| Capacity:       | 2000     | CERCLA Substance:     |            |
| Status:         | Pre 1974 | CAS Code:             |            |
| Install Date:   |          | OSFM First Notify Dt: | Exempt     |
| Abandoned Date: |          | Abandoned Material:   |            |
| Last Used Date: |          | Red Tag Issue Date:   |            |
| Removed Date:   |          | Product Date:         | 12/31/1973 |
| Current Age:    | 1/1/1902 | Fee Due:              |            |
| Petroleum Use:  |          |                       |            |

Owner Summary

|             |                |                |               |
|-------------|----------------|----------------|---------------|
| Owner No:   | U0025047       | Owner Status:  | Former Owner  |
| Owner Name: | Binder Betty   | Purchase Date: | 12/31/1967    |
| Owner No:   | U0027566       | Owner Status:  | Current Owner |
| Owner Name: | Oak Brook Bank | Purchase Date: |               |

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1 of 1

NNE

0.24 /  
1,243.63729.57 /  
-33

SPILLMAN & WATYLA  
INSURANCE  
568 PENNSYLVANIA  
GLEN ELLYN IL 60137

FINDS/FRS

Registry ID: 110030822992  
 FIPS Code: 17043  
 Program Acronyms: ACES  
 HUC Code: 07120004  
 Site Type Name: STATIONARY  
 Location Description:  
 Supplemental Location:  
 Create Date: 17-AUG-2007 12:29:49  
 Update Date: 29-DEC-2014 11:02:19  
 Interest Types: STATE MASTER  
 SIC Codes:  
 SIC Code Descriptions:  
 NAICS Codes:  
 NAICS Code Descriptions:  
 Conveyer: FRS-GEocode  
 Federal Facility Code:  
 Federal Agency Name:  
 Tribal Land Code:  
 Tribal Land Name:  
 Congressional Dist No.: 06  
 Census Block Code: 170438422001015  
 EPA Region Code: 05  
 County Name: DUPAGE  
 US/Mexico Border Ind:  
 Latitude: 41.87792  
 Longitude: -88.06416

| Map Key                          | Number of Records | Direction                                                                                      | Distance (mi/ft)   | Elev/Diff (ft)    | Site                                                         | DB         |
|----------------------------------|-------------------|------------------------------------------------------------------------------------------------|--------------------|-------------------|--------------------------------------------------------------|------------|
| <b>Reference Point:</b>          |                   | CENTER OF A FACILITY OR STATION                                                                |                    |                   |                                                              |            |
| <b>Coord Collection Method:</b>  |                   | ADDRESS MATCHING-HOUSE NUMBER                                                                  |                    |                   |                                                              |            |
| <b>Accuracy Value:</b>           |                   | 30                                                                                             |                    |                   |                                                              |            |
| <b>Datum:</b>                    |                   | NAD83                                                                                          |                    |                   |                                                              |            |
| <b>Source:</b>                   |                   |                                                                                                |                    |                   |                                                              |            |
| <b>Facility Detail Rprt URL:</b> |                   | http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110030822992 |                    |                   |                                                              |            |
| <a href="#">29</a>               | 1 of 5            | NNE                                                                                            | 0.24 /<br>1,266.04 | 729.59 /<br>-33   | J AND R AUTO RPR<br>574 PENNSYLVANIA<br>GLEN ELLYN IL 60137  | FINDS/FRS  |
| <b>Registry ID:</b>              |                   | 110005904370                                                                                   |                    |                   |                                                              |            |
| <b>FIPS Code:</b>                |                   | 17043                                                                                          |                    |                   |                                                              |            |
| <b>Program Acronyms:</b>         |                   | ACES, RCRAINFO                                                                                 |                    |                   |                                                              |            |
| <b>HUC Code:</b>                 |                   | 07120004                                                                                       |                    |                   |                                                              |            |
| <b>Site Type Name:</b>           |                   | STATIONARY                                                                                     |                    |                   |                                                              |            |
| <b>Location Description:</b>     |                   |                                                                                                |                    |                   |                                                              |            |
| <b>Supplemental Location:</b>    |                   |                                                                                                |                    |                   |                                                              |            |
| <b>Create Date:</b>              |                   | 01-MAR-2000 00:00:00                                                                           |                    |                   |                                                              |            |
| <b>Update Date:</b>              |                   | 02-DEC-2014 15:22:52                                                                           |                    |                   |                                                              |            |
| <b>Interest Types:</b>           |                   | CESQG, STATE MASTER                                                                            |                    |                   |                                                              |            |
| <b>SIC Codes:</b>                |                   |                                                                                                |                    |                   |                                                              |            |
| <b>SIC Code Descriptions:</b>    |                   |                                                                                                |                    |                   |                                                              |            |
| <b>NAICS Codes:</b>              |                   |                                                                                                |                    |                   |                                                              |            |
| <b>NAICS Code Descriptions:</b>  |                   |                                                                                                |                    |                   |                                                              |            |
| <b>Conveyor:</b>                 |                   | FRS-GEOCODE                                                                                    |                    |                   |                                                              |            |
| <b>Federal Facility Code:</b>    |                   |                                                                                                |                    |                   |                                                              |            |
| <b>Federal Agency Name:</b>      |                   |                                                                                                |                    |                   |                                                              |            |
| <b>Tribal Land Code:</b>         |                   |                                                                                                |                    |                   |                                                              |            |
| <b>Tribal Land Name:</b>         |                   |                                                                                                |                    |                   |                                                              |            |
| <b>Congressional Dist No.:</b>   |                   | 06                                                                                             |                    |                   |                                                              |            |
| <b>Census Block Code:</b>        |                   | 170438422001015                                                                                |                    |                   |                                                              |            |
| <b>EPA Region Code:</b>          |                   | 05                                                                                             |                    |                   |                                                              |            |
| <b>County Name:</b>              |                   | DU PAGE                                                                                        |                    |                   |                                                              |            |
| <b>US/Mexico Border Ind:</b>     |                   |                                                                                                |                    |                   |                                                              |            |
| <b>Latitude:</b>                 |                   | 41.87799                                                                                       |                    |                   |                                                              |            |
| <b>Longitude:</b>                |                   | -88.06364                                                                                      |                    |                   |                                                              |            |
| <b>Reference Point:</b>          |                   | CENTER OF A FACILITY OR STATION                                                                |                    |                   |                                                              |            |
| <b>Coord Collection Method:</b>  |                   | ADDRESS MATCHING-HOUSE NUMBER                                                                  |                    |                   |                                                              |            |
| <b>Accuracy Value:</b>           |                   | 30                                                                                             |                    |                   |                                                              |            |
| <b>Datum:</b>                    |                   | NAD83                                                                                          |                    |                   |                                                              |            |
| <b>Source:</b>                   |                   |                                                                                                |                    |                   |                                                              |            |
| <b>Facility Detail Rprt URL:</b> |                   | http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110005904370 |                    |                   |                                                              |            |
| <a href="#">29</a>               | 2 of 5            | NNE                                                                                            | 0.24 /<br>1,266.04 | 729.59 /<br>-33   | J & R Auto Repair<br>574 Pennsylvania<br>Glen Ellyn IL 60137 | LUST       |
| <b>Incident No:</b>              |                   | 990378                                                                                         |                    | <b>LPC No:</b>    |                                                              | 0430455081 |
| <b>Incidents ID:</b>             |                   | 23224                                                                                          |                    | <b>IEMA Date:</b> |                                                              | 02/17/1999 |



| Map Key                             | Number of Records | Direction | Distance (mi/ft) | Elev/Diff (ft)               | Site                      | DB |
|-------------------------------------|-------------------|-----------|------------------|------------------------------|---------------------------|----|
| <b>NFR Date:</b>                    | 12/09/2004        |           |                  | <b>Regulation:</b>           | 732                       |    |
| <b>Gasoline:</b>                    | True              |           |                  | <b>C 20 Day Report Date:</b> | 03/01/1999                |    |
| <b>Unleaded:</b>                    | False             |           |                  | <b>C 45 Day Report Date:</b> | 03/04/1999                |    |
| <b>Diesel:</b>                      | False             |           |                  | <b>NFR Recorded Date:</b>    | 12/16/2004                |    |
| <b>Fuel Oil:</b>                    | False             |           |                  | <b>Pre 74 Date:</b>          |                           |    |
| <b>Jet Fuel:</b>                    | False             |           |                  | <b>Proj Manager Phone:</b>   | (217) 524-9140            |    |
| <b>Used Oil:</b>                    | True              |           |                  | <b>Proj Mngr First Nm:</b>   | James                     |    |
| <b>Non Petroleum Prod:</b>          | False             |           |                  | <b>Proj Mngr Last Nm:</b>    | Malcom                    |    |
| <b>Other Petroleum:</b>             | True              |           |                  | <b>Proj Manager Email:</b>   | James.Malcom@illinois.gov |    |
| <b>Non LUST Date:</b>               |                   |           |                  | <b>Site County:</b>          | Du Page                   |    |
| <b>Non LUST Letter Dt:</b>          |                   |           |                  |                              |                           |    |
| <b>Heating Oil Letter Date:</b>     |                   |           |                  |                              |                           |    |
| <b>Free Product Discovery Date:</b> |                   |           |                  |                              |                           |    |
| <b>Primary Resp Party Name:</b>     | J & R Auto Repair |           |                  |                              |                           |    |
| <b>Primary Resp Party Address:</b>  | 574 Pennsylvania  |           |                  |                              |                           |    |
| <b>Primary Resp Party City:</b>     | Glen Ellyn        |           |                  |                              |                           |    |
| <b>Primary Resp Party State:</b>    | IL                |           |                  |                              |                           |    |
| <b>Primary Resp Party Zip:</b>      | 60137             |           |                  |                              |                           |    |
| <b>Primary Resp Party Phone:</b>    | 6304699222        |           |                  |                              |                           |    |
| <b>Primary Resp Party Contact:</b>  | Daryl Nelson      |           |                  |                              |                           |    |

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NNE

0.24 /  
1,266.04729.59 /  
-33J AND R AUTO RPR  
574 PENNSYLVANIA  
GLEN ELLYN IL 60137

RCRA CESQG

**EPA Handler ID:** ILD984849182  
**Gen Status Universe:** Conditionally Exempt Small Quantity Generator  
**Contact Name:** DARYL NELSON  
**Contact Address:** 574 PENNSYLVANIA , , GLEN ELLYN , IL, 60137 , US  
**Contact Phone No and Ext:**  
**Contact Email:**  
**Contact Country:** US  
**County Name:** DU PAGE  
**EPA Region:** 05  
**Land Type:** Private  
**Receive Date:** 19920113

Violation/Evaluation Summary

**Note:** NO RECORDS: As of Dec 2018, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

**Importer Activity:** No  
**Mixed Waste Generator:** No  
**Transporter Activity:** No  
**Transfer Facility:** No  
**Onsite Burner Exemption:** No  
**Furnace Exemption:** No

| Map Key                         | Number of Records | Direction | Distance (mi/ft) | Elev/Diff (ft) | Site | DB |
|---------------------------------|-------------------|-----------|------------------|----------------|------|----|
| <hr/>                           |                   |           |                  |                |      |    |
| Underground Injection Activity: | No                |           |                  |                |      |    |
| Commercial TSD:                 | No                |           |                  |                |      |    |
| Used Oil Transporter:           | No                |           |                  |                |      |    |
| Used Oil Transfer Facility:     | No                |           |                  |                |      |    |
| Used Oil Processor:             | No                |           |                  |                |      |    |
| Used Oil Refiner:               | No                |           |                  |                |      |    |
| Used Oil Burner:                | No                |           |                  |                |      |    |
| Used Oil Market Burner:         | No                |           |                  |                |      |    |
| Used Oil Spec Marketer:         | No                |           |                  |                |      |    |

Hazardous Waste Handler Details

**Sequence No:** 1  
**Receive Date:** 19920113  
**Handler Name:** J AND R AUTO RPR  
**Generator Status Universe:** Conditionally Exempt Small Quantity Generator  
**Source Type:** Notification

Waste Code Details

**Hazardous Waste Code:** D000  
**Waste Code Description:** DESCRIPTION

**Hazardous Waste Code:** D001  
**Waste Code Description:** IGNITABLE WASTE

**Hazardous Waste Code:** D039  
**Waste Code Description:** TETRACHLOROETHYLENE

**Hazardous Waste Code:** D008  
**Waste Code Description:** LEAD

**Hazardous Waste Code:** D018  
**Waste Code Description:** BENZENE

Owner/Operator Details

|                             |               |                   |                  |
|-----------------------------|---------------|-------------------|------------------|
| <b>Owner/Operator Ind:</b>  | Current Owner | <b>Street No:</b> |                  |
| <b>Type:</b>                | Private       | <b>Street 1:</b>  | 574 PENNSYLVANIA |
| <b>Name:</b>                | NELSON DARYL  | <b>Street 2:</b>  |                  |
| <b>Date Became Current:</b> |               | <b>City:</b>      | GLEN ELLYN       |
| <b>Date Ended Current:</b>  |               | <b>State:</b>     | IL               |
| <b>Phone:</b>               |               | <b>Country:</b>   |                  |
| <b>Source Type:</b>         | Notification  | <b>Zip Code:</b>  | 60137            |

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NNE

0.24 /  
1,266.04729.59 /  
-33J & R AUTO REPAIR  
574 PENNSYLVANIA  
GLEN ELLYN IL

SPILLS

Incident No: 990378

Contacted Police?:

| Map Key                          | Number of Records     | Direction | Distance (mi/ft) | Elev/Diff (ft) | Site                      | DB         |
|----------------------------------|-----------------------|-----------|------------------|----------------|---------------------------|------------|
| <b>Hazmat Incid Type:</b>        | LEAK                  |           |                  |                | <b>Police on Scene?:</b>  |            |
| <b>Leaking UST:</b>              |                       |           |                  |                | <b>Police Dept Name:</b>  |            |
| <b>Dt/Tm Occurred:</b>           |                       |           |                  |                | <b>Sheriff Dept:</b>      |            |
| <b>Incident Rprt Date:</b>       | 2/17/1999 2:35:00 PM  |           |                  |                | <b>Sheriff on Scene:</b>  |            |
| <b>Area Involved:</b>            | FIXED FACILTIY        |           |                  |                | <b>Sheriff Dept Name:</b> |            |
| <b>Media or Medium:</b>          |                       |           |                  |                | <b>Other Contact?:</b>    |            |
| <b>Incident County:</b>          | DUPAGE                |           |                  |                | <b>Other on Scene?:</b>   |            |
| <b>Entered by:</b>               |                       |           |                  |                | <b>Other Agency Name:</b> |            |
| <b>Data Input Status:</b>        | CLOSED                |           |                  |                | <b>Temp:</b>              |            |
| <b>Caller:</b>                   | DARYL NELSON          |           |                  |                | <b>Wind:</b>              |            |
| <b>Caller Represents:</b>        | J & R AUTO REPAIR INC |           |                  |                | <b>City:</b>              | GLEN ELLYN |
| <b>Facility Manager:</b>         |                       |           |                  |                | <b>State:</b>             | ILLINOIS   |
| <b>Fac Manager Phone:</b>        |                       |           |                  |                | <b>County:</b>            | DUPAGE     |
| <b>Contacted ESDA?:</b>          |                       |           |                  |                | <b>Milepost:</b>          |            |
| <b>ESDA on Scene?:</b>           |                       |           |                  |                | <b>Section:</b>           |            |
| <b>Spec ESDA Contact:</b>        |                       |           |                  |                | <b>Township:</b>          |            |
| <b>Contact Fire Dept?:</b>       |                       |           |                  |                | <b>Range:</b>             |            |
| <b>Fire Dept on Scene:</b>       |                       |           |                  |                | <b>Latitude:</b>          |            |
| <b>Fire Dept Name:</b>           |                       |           |                  |                | <b>Longitude:</b>         |            |
| <b>Name:</b>                     | J & R AUTO REPAIR     |           |                  |                |                           |            |
| <b>Responsible Party Street:</b> |                       |           |                  |                |                           |            |
| <b>Narrative:</b>                |                       |           |                  |                |                           |            |

Spill Material Information

|                                     |                                  |                            |                |
|-------------------------------------|----------------------------------|----------------------------|----------------|
| <b>UN NA No:</b>                    |                                  | <b>Release Rate Min:</b>   |                |
| <b>CAS No:</b>                      |                                  | <b>Cause of Release:</b>   | HOLES IN TANKS |
| <b>Chris Code:</b>                  |                                  | <b>302 A Extrm Haz?:</b>   |                |
| <b>Type:</b>                        | UNKNOWN                          | <b>RCRA Haz Waste?:</b>    |                |
| <b>Name:</b>                        | GASOLINE, HEATING OIL, WASTE OIL | <b>RCRA Regulated?:</b>    |                |
| <b>Container Type:</b>              | UNDERGROUND TANK                 | <b>Est Spill Extent:</b>   |                |
| <b>Container Size:</b>              | UNDERGROUND TANK                 | <b>Spill Extent Units:</b> |                |
| <b>Amount Released:</b>             | UNKNOWN                          | <b>Where Taken:</b>        | -0-            |
| <b>Release Duration:</b>            |                                  | <b>On Scene Contact:</b>   |                |
| <b>Date Time Discover:</b>          | 02/17/99 0230                    | <b>No of People Evac:</b>  | -0-            |
| <b>Check If Unknown Discovered:</b> |                                  |                            |                |
| <b>Date Time Incident Occurred:</b> |                                  |                            |                |
| <b>Check If Unknown Occurrence:</b> |                                  |                            |                |
| <b>Proper Safety Precautions:</b>   | NONE                             |                            |                |
| <b>Assist Needed from State:</b>    |                                  |                            |                |
| <b>Cleanup Actions and Plans:</b>   |                                  |                            |                |

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NNE

0.24 /  
1,266.04729.59 /  
-33Closed  
574 Pennsylvania  
Glen Ellyn IL 60137

UST

**Facility No:** 2015726  
**Facility Status:** Du Page  
**Facility Type:**  
**Motor Fuel Type:** Other

**Green Tag Decal:**  
**Green Tag Issue Date:**  
**Green Tag Exp Dt:**  
**Mtr Fuel Perm Insp Dt:**

| Map Key              | Number of Records                                                                                                                                                       | Direction | Distance (mi/ft) | Elev/Diff (ft)        | Site                                 | DB |
|----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|------------------|-----------------------|--------------------------------------|----|
| Owner Type:          |                                                                                                                                                                         |           |                  | Mtr Fuel Perm Exp Dt: |                                      |    |
| Owner Name:          | Daryl Nelson                                                                                                                                                            |           |                  | Purchase Date:        | 5/1/1985                             |    |
| Owner Status:        | Current Owner                                                                                                                                                           |           |                  | County:               | 574 PennsylvaniaGlen Ellyn, IL 60137 |    |
| Owner Address:       | 574 PennsylvaniaGlen Ellyn, IL 60137                                                                                                                                    |           |                  |                       |                                      |    |
| Type Financial Resp: |                                                                                                                                                                         |           |                  |                       |                                      |    |
| Fin Resp Rpt Due:    |                                                                                                                                                                         |           |                  |                       |                                      |    |
| Permit History Link: | <a href="https://webapps.sfm.illinois.gov/USTPortal/Permit/FacilityPermitList/2015726">https://webapps.sfm.illinois.gov/USTPortal/Permit/FacilityPermitList/2015726</a> |           |                  |                       |                                      |    |

**Tank Information**

|                        |           |                              |             |
|------------------------|-----------|------------------------------|-------------|
| <b>Tank No:</b>        | 5         | <b>Product:</b>              | Heating Oil |
| <b>Capacity:</b>       | 1000      | <b>CERCLA Substance:</b>     |             |
| <b>Status:</b>         | Removed   | <b>CAS Code:</b>             |             |
| <b>Install Date:</b>   |           | <b>OSFM First Notify Dt:</b> | State       |
| <b>Abandoned Date:</b> |           | <b>Abandoned Material:</b>   |             |
| <b>Last Used Date:</b> |           | <b>Red Tag Issue Date:</b>   |             |
| <b>Removed Date:</b>   | 2/17/1999 | <b>Product Date:</b>         | 12/1/1973   |
| <b>Current Age:</b>    | 9/11/1998 | <b>Fee Due:</b>              |             |
| <b>Petroleum Use:</b>  |           |                              |             |

**Tank Information**

|                        |           |                              |           |
|------------------------|-----------|------------------------------|-----------|
| <b>Tank No:</b>        | 4         | <b>Product:</b>              | Used Oil  |
| <b>Capacity:</b>       | 550       | <b>CERCLA Substance:</b>     |           |
| <b>Status:</b>         | Removed   | <b>CAS Code:</b>             |           |
| <b>Install Date:</b>   | 37        | <b>OSFM First Notify Dt:</b> | Federal   |
| <b>Abandoned Date:</b> |           | <b>Abandoned Material:</b>   |           |
| <b>Last Used Date:</b> |           | <b>Red Tag Issue Date:</b>   |           |
| <b>Removed Date:</b>   | 2/17/1999 | <b>Product Date:</b>         | 2/10/1999 |
| <b>Current Age:</b>    | 4/8/1986  | <b>Fee Due:</b>              |           |
| <b>Petroleum Use:</b>  |           |                              |           |

**Tank Information**

|                        |           |                              |          |
|------------------------|-----------|------------------------------|----------|
| <b>Tank No:</b>        | 2         | <b>Product:</b>              | Gasoline |
| <b>Capacity:</b>       | 10000     | <b>CERCLA Substance:</b>     |          |
| <b>Status:</b>         | Removed   | <b>CAS Code:</b>             |          |
| <b>Install Date:</b>   | 19        | <b>OSFM First Notify Dt:</b> | Federal  |
| <b>Abandoned Date:</b> |           | <b>Abandoned Material:</b>   |          |
| <b>Last Used Date:</b> | 1/1/1980  | <b>Red Tag Issue Date:</b>   |          |
| <b>Removed Date:</b>   | 2/17/1999 | <b>Product Date:</b>         | 4/1/1992 |
| <b>Current Age:</b>    | 4/8/1986  | <b>Fee Due:</b>              |          |
| <b>Petroleum Use:</b>  |           |                              |          |

**Tank Information**

|                  |       |                          |          |
|------------------|-------|--------------------------|----------|
| <b>Tank No:</b>  | 3     | <b>Product:</b>          | Gasoline |
| <b>Capacity:</b> | 10000 | <b>CERCLA Substance:</b> |          |

| Map Key                | Number of Records | Direction | Distance (mi/ft) | Elev/Diff (ft) | Site                         | DB       |
|------------------------|-------------------|-----------|------------------|----------------|------------------------------|----------|
| <b>Status:</b>         | Removed           |           |                  |                | <b>CAS Code:</b>             |          |
| <b>Install Date:</b>   | 19                |           |                  |                | <b>OSFM First Notify Dt:</b> | Federal  |
| <b>Abandoned Date:</b> |                   |           |                  |                | <b>Abandoned Material:</b>   |          |
| <b>Last Used Date:</b> | 1/1/1980          |           |                  |                | <b>Red Tag Issue Date:</b>   |          |
| <b>Removed Date:</b>   | 2/17/1999         |           |                  |                | <b>Product Date:</b>         | 4/1/1992 |
| <b>Current Age:</b>    | 4/8/1986          |           |                  |                | <b>Fee Due:</b>              |          |
| <b>Petroleum Use:</b>  |                   |           |                  |                |                              |          |

Tank Information

|                        |           |                              |          |
|------------------------|-----------|------------------------------|----------|
| <b>Tank No:</b>        | 1         | <b>Product:</b>              | Gasoline |
| <b>Capacity:</b>       | 10000     | <b>CERCLA Substance:</b>     |          |
| <b>Status:</b>         | Removed   | <b>CAS Code:</b>             |          |
| <b>Install Date:</b>   | 19        | <b>OSFM First Notify Dt:</b> | Federal  |
| <b>Abandoned Date:</b> |           | <b>Abandoned Material:</b>   |          |
| <b>Last Used Date:</b> | 1/1/1980  | <b>Red Tag Issue Date:</b>   |          |
| <b>Removed Date:</b>   | 2/17/1999 | <b>Product Date:</b>         | 4/1/1992 |
| <b>Current Age:</b>    | 4/8/1986  | <b>Fee Due:</b>              |          |
| <b>Petroleum Use:</b>  |           |                              |          |

Owner Summary

|                    |               |                       |               |
|--------------------|---------------|-----------------------|---------------|
| <b>Owner No:</b>   | U0010908      | <b>Owner Status:</b>  | Current Owner |
| <b>Owner Name:</b> | Nelson, Daryl | <b>Purchase Date:</b> | 5/1/1985      |

IEMA Numbers

|                   |                                                                                                                                                             |
|-------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>IEMA No:</b>   | 99-378                                                                                                                                                      |
| <b>IEMA Link:</b> | <a href="http://epadata.epa.state.il.us/land/ust/LIT-Display.asp?INCIDENT=99378">http://epadata.epa.state.il.us/land/ust/LIT-Display.asp?INCIDENT=99378</a> |
| <b>IEMA No:</b>   | Removal Log                                                                                                                                                 |
| <b>IEMA Link:</b> |                                                                                                                                                             |

LUST Fund Eligibility

|                            |                                                                                                                                                               |                          |          |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|----------|
| <b>IEMA No:</b>            | 99-0378                                                                                                                                                       | <b>OSFM Response Dt:</b> | 7/9/1999 |
| <b>Status:</b>             | Partial Eligible                                                                                                                                              | <b>Deductible:</b>       | \$10,000 |
| <b>OSFM Received Date:</b> | 6/28/1999                                                                                                                                                     | <b>Letter:</b>           |          |
| <b>IEMA Link:</b>          | <a href="http://epadata.epa.state.il.us/land/ust/LIT-Display.asp?INCIDENT=990378">http://epadata.epa.state.il.us/land/ust/LIT-Display.asp?INCIDENT=990378</a> |                          |          |

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NW

0.24 /  
1,279.43755.60 /  
-7J&S CLEANERS  
471 PENNSYLVANIA AVE  
GLEN ELLYN IL 60137

FINDS/FRS

|                          |                |
|--------------------------|----------------|
| <b>Registry ID:</b>      | 110005832965   |
| <b>FIPS Code:</b>        | 17043          |
| <b>Program Acronyms:</b> | ACES, RCRAINFO |
| <b>HUC Code:</b>         | 07120004       |
| <b>Site Type Name:</b>   | STATIONARY     |



| Map Key                          | Number of Records | Direction                                                                                                                                                                                                   | Distance (mi/ft) | Elev/Diff (ft) | Site | DB |
|----------------------------------|-------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|----------------|------|----|
| <b>Location Description:</b>     |                   |                                                                                                                                                                                                             |                  |                |      |    |
| <b>Supplemental Location:</b>    |                   |                                                                                                                                                                                                             |                  |                |      |    |
| <b>Create Date:</b>              |                   | 01-MAR-2000 00:00:00                                                                                                                                                                                        |                  |                |      |    |
| <b>Update Date:</b>              |                   | 26-JAN-2012 13:47:34                                                                                                                                                                                        |                  |                |      |    |
| <b>Interest Types:</b>           |                   | SQG, STATE MASTER                                                                                                                                                                                           |                  |                |      |    |
| <b>SIC Codes:</b>                |                   |                                                                                                                                                                                                             |                  |                |      |    |
| <b>SIC Code Descriptions:</b>    |                   |                                                                                                                                                                                                             |                  |                |      |    |
| <b>NAICS Codes:</b>              |                   |                                                                                                                                                                                                             |                  |                |      |    |
| <b>NAICS Code Descriptions:</b>  |                   |                                                                                                                                                                                                             |                  |                |      |    |
| <b>Conveyor:</b>                 |                   | FRS-GEOCODE                                                                                                                                                                                                 |                  |                |      |    |
| <b>Federal Facility Code:</b>    |                   |                                                                                                                                                                                                             |                  |                |      |    |
| <b>Federal Agency Name:</b>      |                   |                                                                                                                                                                                                             |                  |                |      |    |
| <b>Tribal Land Code:</b>         |                   |                                                                                                                                                                                                             |                  |                |      |    |
| <b>Tribal Land Name:</b>         |                   |                                                                                                                                                                                                             |                  |                |      |    |
| <b>Congressional Dist No.:</b>   |                   | 06                                                                                                                                                                                                          |                  |                |      |    |
| <b>Census Block Code:</b>        |                   | 170438422001018                                                                                                                                                                                             |                  |                |      |    |
| <b>EPA Region Code:</b>          |                   | 05                                                                                                                                                                                                          |                  |                |      |    |
| <b>County Name:</b>              |                   | DU PAGE                                                                                                                                                                                                     |                  |                |      |    |
| <b>US/Mexico Border Ind:</b>     |                   |                                                                                                                                                                                                             |                  |                |      |    |
| <b>Latitude:</b>                 |                   | 41.877159                                                                                                                                                                                                   |                  |                |      |    |
| <b>Longitude:</b>                |                   | -88.068927                                                                                                                                                                                                  |                  |                |      |    |
| <b>Reference Point:</b>          |                   | ENTRANCE POINT OF A FACILITY OR STATION                                                                                                                                                                     |                  |                |      |    |
| <b>Coord Collection Method:</b>  |                   | ADDRESS MATCHING-HOUSE NUMBER                                                                                                                                                                               |                  |                |      |    |
| <b>Accuracy Value:</b>           |                   | 50                                                                                                                                                                                                          |                  |                |      |    |
| <b>Datum:</b>                    |                   | NAD83                                                                                                                                                                                                       |                  |                |      |    |
| <b>Source:</b>                   |                   |                                                                                                                                                                                                             |                  |                |      |    |
| <b>Facility Detail Rprt URL:</b> |                   | <a href="http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110005832965">http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110005832965</a> |                  |                |      |    |

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NW

0.24 /  
1,279.43755.60 /  
-7J AND S CLEANERS  
471 PENNSYLVANIA AVE  
GLEN ELLYN IL 60137

RCRA SQG

**EPA Handler ID:** ILD056634868  
**Gen Status Universe:** Small Quantity Generator  
**Contact Name:** JAN BOWEN  
**Contact Address:** 471 PENNSYLVANIA AVE , , GLEN ELLYN , IL, 60137 , US  
**Contact Phone No and Ext:** 312-469-2800  
**Contact Email:**  
**Contact Country:** US  
**County Name:** DU PAGE  
**EPA Region:** 05  
**Land Type:**  
**Receive Date:** 19861010

Violation/Evaluation Summary

**Note:** NO RECORDS: As of Dec 2018, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

| Map Key                         | Number of Records | Direction | Distance (mi/ft) | Elev/Diff (ft) | Site | DB |
|---------------------------------|-------------------|-----------|------------------|----------------|------|----|
| <hr/>                           |                   |           |                  |                |      |    |
| Importer Activity:              |                   | No        |                  |                |      |    |
| Mixed Waste Generator:          |                   | No        |                  |                |      |    |
| Transporter Activity:           |                   | No        |                  |                |      |    |
| Transfer Facility:              |                   | No        |                  |                |      |    |
| Onsite Burner Exemption:        |                   | No        |                  |                |      |    |
| Furnace Exemption:              |                   | No        |                  |                |      |    |
| Underground Injection Activity: |                   | No        |                  |                |      |    |
| Commercial TSD:                 |                   | No        |                  |                |      |    |
| Used Oil Transporter:           |                   | No        |                  |                |      |    |
| Used Oil Transfer Facility:     |                   | No        |                  |                |      |    |
| Used Oil Processor:             |                   | No        |                  |                |      |    |
| Used Oil Refiner:               |                   | No        |                  |                |      |    |
| Used Oil Burner:                |                   | No        |                  |                |      |    |
| Used Oil Market Burner:         |                   | No        |                  |                |      |    |
| Used Oil Spec Marketer:         |                   | No        |                  |                |      |    |

**Hazardous Waste Handler Details**

**Sequence No:** 1  
**Receive Date:** 19861010  
**Handler Name:** J AND S CLEANERS  
**Generator Status Universe:** Small Quantity Generator  
**Source Type:** Notification

**Waste Code Details**

**Hazardous Waste Code:** F002  
**Waste Code Description:** THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

**Hazardous Waste Code:** D002  
**Waste Code Description:** CORROSIVE WASTE

**Hazardous Waste Code:** D001  
**Waste Code Description:** IGNITABLE WASTE

**Owner/Operator Details**

|                             |               |                   |                      |
|-----------------------------|---------------|-------------------|----------------------|
| <b>Owner/Operator Ind:</b>  | Current Owner | <b>Street No:</b> |                      |
| <b>Type:</b>                | Private       | <b>Street 1:</b>  | ADDRESS NOT REPORTED |
| <b>Name:</b>                | BOWEN JAN     | <b>Street 2:</b>  |                      |
| <b>Date Became Current:</b> |               | <b>City:</b>      | CITY NOT REPORTED    |
| <b>Date Ended Current:</b>  |               | <b>State:</b>     | AK                   |
| <b>Phone:</b>               | 312-555-1212  | <b>Country:</b>   |                      |
| <b>Source Type:</b>         | Notification  | <b>Zip Code:</b>  | 99998                |

| Map Key                     | Number of Records | Direction | Distance (mi/ft) | Elev/Diff (ft)    | Site                 | DB |
|-----------------------------|-------------------|-----------|------------------|-------------------|----------------------|----|
| <hr/>                       |                   |           |                  |                   |                      |    |
| <b>Owner/Operator Ind:</b>  | Current Operator  |           |                  | <b>Street No:</b> |                      |    |
| <b>Type:</b>                | Private           |           |                  | <b>Street 1:</b>  | ADDRESS NOT REPORTED |    |
| <b>Name:</b>                | NAME NOT REPORTED |           |                  | <b>Street 2:</b>  |                      |    |
| <b>Date Became Current:</b> |                   |           |                  | <b>City:</b>      | CITY NOT REPORTED    |    |
| <b>Date Ended Current:</b>  |                   |           |                  | <b>State:</b>     | AK                   |    |
| <b>Phone:</b>               | 312-555-1212      |           |                  | <b>Country:</b>   |                      |    |
| <b>Source Type:</b>         | Notification      |           |                  | <b>Zip Code:</b>  | 99998                |    |

|                                     |                        |     |                    |                              |                                                                    |      |
|-------------------------------------|------------------------|-----|--------------------|------------------------------|--------------------------------------------------------------------|------|
| <a href="#">31</a>                  | 1 of 3                 | WNW | 0.25 /<br>1,310.61 | 749.45 /<br>-13              | Tuinenga, James & Janet<br>443 Duane Street<br>Glen Ellyn IL 60137 | LUST |
| <hr/>                               |                        |     |                    |                              |                                                                    |      |
| <b>Incident No:</b>                 | 20070710               |     |                    | <b>LPC No:</b>               | 0430455139                                                         |      |
| <b>Incidents ID:</b>                | 5116                   |     |                    | <b>IEMA Date:</b>            | 05/24/2007                                                         |      |
| <b>NFR Date:</b>                    | 10/23/2007             |     |                    | <b>Regulation:</b>           | 734                                                                |      |
| <b>Gasoline:</b>                    | False                  |     |                    | <b>C 20 Day Report Date:</b> | 06/21/2007                                                         |      |
| <b>Unleaded:</b>                    | False                  |     |                    | <b>C 45 Day Report Date:</b> | 08/22/2007                                                         |      |
| <b>Diesel:</b>                      | False                  |     |                    | <b>NFR Recorded Date:</b>    | 11/09/2007                                                         |      |
| <b>Fuel Oil:</b>                    | False                  |     |                    | <b>Pre 74 Date:</b>          |                                                                    |      |
| <b>Jet Fuel:</b>                    | False                  |     |                    | <b>Proj Manager Phone:</b>   |                                                                    |      |
| <b>Used Oil:</b>                    | False                  |     |                    | <b>Proj Mngr First Nm:</b>   | Bob                                                                |      |
| <b>Non Petroleum Prod:</b>          | False                  |     |                    | <b>Proj Mngr Last Nm:</b>    | Harlow                                                             |      |
| <b>Other Petroleum:</b>             | True                   |     |                    | <b>Proj Manager Email:</b>   |                                                                    |      |
| <b>Non LUST Date:</b>               |                        |     |                    | <b>Site County:</b>          | Du Page                                                            |      |
| <b>Non LUST Letter Dt:</b>          |                        |     |                    |                              |                                                                    |      |
| <b>Heating Oil Letter Date:</b>     |                        |     |                    |                              |                                                                    |      |
| <b>Free Product Discovery Date:</b> |                        |     |                    |                              |                                                                    |      |
| <b>Primary Resp Party Name:</b>     | James & Janet Tuinenga |     |                    |                              |                                                                    |      |
| <b>Primary Resp Party Address:</b>  | 443 Duane Street       |     |                    |                              |                                                                    |      |
| <b>Primary Resp Party City:</b>     | Glen Ellyn             |     |                    |                              |                                                                    |      |
| <b>Primary Resp Party State:</b>    | IL                     |     |                    |                              |                                                                    |      |
| <b>Primary Resp Party Zip:</b>      | 60137                  |     |                    |                              |                                                                    |      |
| <b>Primary Resp Party Phone:</b>    | 6307900880             |     |                    |                              |                                                                    |      |
| <b>Primary Resp Party Contact:</b>  |                        |     |                    |                              |                                                                    |      |

|                            |                              |     |                    |                           |                                                         |        |
|----------------------------|------------------------------|-----|--------------------|---------------------------|---------------------------------------------------------|--------|
| <a href="#">31</a>         | 2 of 3                       | WNW | 0.25 /<br>1,310.61 | 749.45 /<br>-13           | James & Janet Tuinenga<br>443 Duane St<br>Glen Ellyn IL | SPILLS |
| <hr/>                      |                              |     |                    |                           |                                                         |        |
| <b>Incident No:</b>        | H-2007-0710                  |     |                    | <b>Contacted Police?:</b> |                                                         |        |
| <b>Hazmat Incid Type:</b>  | Leak or Spill                |     |                    | <b>Police on Scene?:</b>  |                                                         |        |
| <b>Leaking UST:</b>        | TRUE                         |     |                    | <b>Police Dept Name:</b>  |                                                         |        |
| <b>Dt/Tm Occurred:</b>     |                              |     |                    | <b>Sheriff Dept:</b>      |                                                         |        |
| <b>Incident Rprt Date:</b> | 5/24/2007 1:58:00 PM         |     |                    | <b>Sheriff on Scene:</b>  |                                                         |        |
| <b>Area Involved:</b>      | Fixed Facility               |     |                    | <b>Sheriff Dept Name:</b> |                                                         |        |
| <b>Media or Medium:</b>    |                              |     |                    | <b>Other Contact?:</b>    |                                                         |        |
| <b>Incident County:</b>    | DuPage                       |     |                    | <b>Other on Scene?:</b>   | TRUE                                                    |        |
| <b>Entered by:</b>         | Kirgan, Ken/Comm Center/IEMA |     |                    | <b>Other Agency Name:</b> | OSFM                                                    |        |
| <b>Data Input Status:</b>  | Closed                       |     |                    | <b>Temp:</b>              |                                                         |        |
| <b>Caller:</b>             | James Tuinenga               |     |                    | <b>Wind:</b>              |                                                         |        |

| Map Key                   | Number of<br>Records               | Direction | Distance<br>(mi/ft) | Elev/Diff<br>(ft) | Site       | DB |
|---------------------------|------------------------------------|-----------|---------------------|-------------------|------------|----|
| Caller Represents:        | James & Janet Tuinenga             |           |                     | City:             | Glen Ellyn |    |
| Facility Manager:         |                                    |           |                     | State:            | ILLINOIS   |    |
| Fac Manager Phone:        |                                    |           |                     | County:           | DuPage     |    |
| Contacted ESDA?:          |                                    |           |                     | Milepost:         |            |    |
| ESDA on Scene?:           |                                    |           |                     | Section:          |            |    |
| Spec ESDA Contact:        |                                    |           |                     | Township:         |            |    |
| Contact Fire Dept?:       |                                    |           |                     | Range:            |            |    |
| Fire Dept on Scene:       |                                    |           |                     | Latitude:         |            |    |
| Fire Dept Name:           |                                    |           |                     | Longitude:        |            |    |
| Name:                     | James & Janet Tuinenga             |           |                     |                   |            |    |
| Responsible Party Street: | 443 Duane St, Glen Ellyn, IL 60137 |           |                     |                   |            |    |
| Narrative:                |                                    |           |                     |                   |            |    |

5/24/07 1405 (KK) faxed to IEPA, NRTP, OSFM, IEMA region 3 on behalf of region 4.

#### Spill Agency Information

**Agency Notified:**  
**Notified Date/Time:** Jan 27 2010 10:29AM  
**Notification Action:** Contacted  
**Name of Person:** James Tuinenga

#### Spill Material Information

|                                     |                                                                                                   |                            |         |
|-------------------------------------|---------------------------------------------------------------------------------------------------|----------------------------|---------|
| <b>UN NA No:</b>                    | unknown                                                                                           | <b>Release Rate Min:</b>   |         |
| <b>CAS No:</b>                      | unknown                                                                                           | <b>Cause of Release:</b>   | unknown |
| <b>Chris Code:</b>                  | unk                                                                                               | <b>302 A Extrm Haz?:</b>   | Unknown |
| <b>Type:</b>                        | Liquid                                                                                            | <b>RCRA Haz Waste?:</b>    | Unknown |
| <b>Name:</b>                        | heating oil                                                                                       | <b>RCRA Regulated?:</b>    | No      |
| <b>Container Type:</b>              | Underground Storage Tank                                                                          | <b>Est Spill Extent:</b>   | unknown |
| <b>Container Size:</b>              | 1,000 gallons                                                                                     | <b>Spill Extent Units:</b> |         |
| <b>Amount Released:</b>             | unknown                                                                                           | <b>Where Taken:</b>        | none    |
| <b>Release Duration:</b>            |                                                                                                   | <b>On Scene Contact:</b>   | #1      |
| <b>Date Time Discover:</b>          | 5/24/2007 13:00                                                                                   | <b>No of People Evac:</b>  |         |
| <b>Check If Unknown Discovered:</b> |                                                                                                   |                            |         |
| <b>Date Time Incident Occurred:</b> |                                                                                                   |                            |         |
| <b>Check If Unknown Occurrence:</b> | TRUE                                                                                              |                            |         |
| <b>Proper Safety Precautions:</b>   | none                                                                                              |                            |         |
| <b>Assist Needed from State:</b>    | none                                                                                              |                            |         |
| <b>Cleanup Actions and Plans:</b>   | RW Collins contracted for cleanup. Andros Enviromental Consulting is the enviromental consultant. |                            |         |

|                         |         |                               |                    |                 |                                                   |     |
|-------------------------|---------|-------------------------------|--------------------|-----------------|---------------------------------------------------|-----|
| <a href="#">31</a>      | 3 of 3  | WNW                           | 0.25 /<br>1,310.61 | 749.45 /<br>-13 | Exempt<br>443 Duane Street<br>Glen Ellyn IL 60137 | UST |
| <b>Facility No:</b>     | 2043640 | <b>Green Tag Decal:</b>       |                    |                 |                                                   |     |
| <b>Facility Status:</b> | Du Page | <b>Green Tag Issue Date:</b>  |                    |                 |                                                   |     |
| <b>Facility Type:</b>   |         | <b>Green Tag Exp Dt:</b>      |                    |                 |                                                   |     |
| <b>Motor Fuel Type:</b> | None    | <b>Mtr Fuel Perm Insp Dt:</b> |                    |                 |                                                   |     |
| <b>Owner Type:</b>      |         | <b>Mtr Fuel Perm Exp Dt:</b>  |                    |                 |                                                   |     |

| Map Key              | Number of<br>Records                                                                                                                                                    | Direction | Distance<br>(mi/ft) | Elev/Diff<br>(ft) | Site                                 | DB |
|----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|---------------------|-------------------|--------------------------------------|----|
| <hr/>                |                                                                                                                                                                         |           |                     |                   |                                      |    |
| Owner Name:          | James and Janet Tuinenga                                                                                                                                                |           |                     | Purchase Date:    |                                      |    |
| Owner Status:        | Current Owner                                                                                                                                                           |           |                     | County:           | 443 Duane StreetGlen Ellyn, IL 60137 |    |
| Owner Address:       | 443 Duane StreetGlen Ellyn, IL 60137                                                                                                                                    |           |                     |                   |                                      |    |
| Type Financial Resp: |                                                                                                                                                                         |           |                     |                   |                                      |    |
| Fin Resp Rpt Due:    |                                                                                                                                                                         |           |                     |                   |                                      |    |
| Permit History Link: | <a href="https://webapps.sfm.illinois.gov/USTPortal/Permit/FacilityPermitList/2043640">https://webapps.sfm.illinois.gov/USTPortal/Permit/FacilityPermitList/2043640</a> |           |                     |                   |                                      |    |

**Tank Information**

|                        |           |                              |             |
|------------------------|-----------|------------------------------|-------------|
| <b>Tank No:</b>        | 1         | <b>Product:</b>              | Heating Oil |
| <b>Capacity:</b>       | 1000      | <b>CERCLA Substance:</b>     |             |
| <b>Status:</b>         | Removed   | <b>CAS Code:</b>             |             |
| <b>Install Date:</b>   |           | <b>OSFM First Notify Dt:</b> | State       |
| <b>Abandoned Date:</b> |           | <b>Abandoned Material:</b>   |             |
| <b>Last Used Date:</b> |           | <b>Red Tag Issue Date:</b>   |             |
| <b>Removed Date:</b>   | 5/24/2007 | <b>Product Date:</b>         | 12/31/1973  |
| <b>Current Age:</b>    | 6/20/2007 | <b>Fee Due:</b>              |             |
| <b>Petroleum Use:</b>  |           |                              |             |

**Owner Summary**

|                    |                           |                       |               |
|--------------------|---------------------------|-----------------------|---------------|
| <b>Owner No:</b>   | U0034119                  | <b>Owner Status:</b>  | Current Owner |
| <b>Owner Name:</b> | Tuinenga, James and Janet | <b>Purchase Date:</b> |               |

**IEMA Numbers**

|                   |             |
|-------------------|-------------|
| <b>IEMA No:</b>   | Removal Log |
| <b>IEMA Link:</b> |             |



## Unplottable Summary

Total: 33 Unplottable sites

| DB                | Company Name/Site Name                               | Address                                                            | City            | Zip        | ERIS ID   |
|-------------------|------------------------------------------------------|--------------------------------------------------------------------|-----------------|------------|-----------|
| ERNS              |                                                      | HERRICK LAKE FOREST PRESERVE                                       | WHEATON IL      |            | 806866176 |
| ERNS              |                                                      | CRESENT BLVD PROSPECT AVE                                          | GLEN ELLYN IL   |            | 858645515 |
| ERNS 1987 TO 1989 |                                                      | CREEK RUNNING ALONG TOLLWAY BETWEEN GLENN ELLYN AN OF HILL AVENUE. | GLEN ELLYN IL   |            | 805596644 |
| ERNS 1987 TO 1989 |                                                      | EAST BRANCH OF THE DUPAGE RIVER AT THE BRIDGE ON CRESCENT AVE      | GLEN ALLEN IL   |            | 805595802 |
| FINDS/FRS         | CAROL POINT SPEC BLDG III & IV                       | CAROL POINT BUSINESS PARK                                          | CAROL STREAM IL | 60187      | 817467342 |
| FINDS/FRS         | HEIDORS AL COMPLETE COLLISION                        | 21 W 151 HILL RD                                                   | GLEN ELLYN IL   | 60137      | 817412379 |
| FINDS/FRS         | ST JAMES PARK EXTENSION                              | ST JAMES PARK                                                      | WHEATON IL      | 60187      | 817563134 |
| FINDS/FRS         | 63 COLUMBINE 115 CRYSTAL 525 PHILLIPS CT 249 LALONDE | 63 COLUMBINE 115 CRYSTAL 525 PHILLIPS                              | LOMBARD IL      | 60148      | 815305243 |
| FINDS/FRS         | PARKVIEW ELEMENTARY SCHOOL                           | 1 S 480 PARK BOULEVARD                                             | GLEN ELLYN IL   | 60137-6864 | 817418780 |
| FINDS/FRS         | ADVANCED ENV TECH SVCS                               | PARKING LOT #9 LIBERTY                                             | WHEATON IL      | 60187      | 817575303 |
| FINDS/FRS         | 460 -78 DUANE ST                                     | 460 -78 DUANE ST                                                   | GLEN ELLYN IL   | 60137      | 817421442 |

|              |                                        |                                               |                 |       |           |
|--------------|----------------------------------------|-----------------------------------------------|-----------------|-------|-----------|
| FINDS/FRS    | LOCAL 701 IBEW<br>GENERAL FUND         | 2326 N MAIN ST                                | WHEATON IL      | 60187 | 817560263 |
| FINDS/FRS    | GLEN OAKS COUNTRY<br>CLUB              | 41 W-451 HILL AVE                             | GLEN ELLYN IL   | 60137 | 817417956 |
| FINDS/FRS    | COMMONWEALTH<br>EDISON (CD 126)        | SOUTH OF MADISON ST AND<br>EAST OF STEWART    | LOMBARD IL      | 60148 | 817407475 |
| FINDS/FRS    | BROWNING FERRIS<br>INDUSTRY GLEN ELLYN | 1N 282 PARK BOULEVARD                         | GLEN ELLYN IL   | 60137 | 817415052 |
| LUST         | Lombard, Village of                    | SE Corner of Parkside Avenue &<br>Main Street | Lombard IL      | 60148 | 812667137 |
| RCRA CESQG   | HEIDORS AL<br>COMPLETE COLLISION       | 21 W 151 HILL RD                              | GLEN ELLYN IL   | 60137 | 810697567 |
| RCRA NON GEN | ADVANCED ENV TECH<br>SVCS              | PARKING LOT #9 LIBERTY AND<br>COLLINS STS     | WHEATON IL      | 60187 | 810104568 |
| SPILLS       | Illinois Contractors                   | Intersection of Adams St and<br>Crescent St   | Wheaton IL      |       | 822000984 |
| SPILLS       | UNKNOWN                                | Addison Park Rd. & Fordson Ave                | LOMBARD IL      |       | 822009817 |
| SPILLS       | GLEN BARB WEST<br>HIGH SCHOOL          | LAKE ELLYN PARK                               | GLEN ELLYN IL   |       | 822021301 |
| SPILLS       | Village of Lombard                     | S.E. Corner of Parkside Ave. and<br>Main st.  | Lombard IL      |       | 812998410 |
| SPILLS       | UNKNOWN                                | CHURHHILL WOODS PRESERVE                      | LOMBARD/NEAR IL |       | 822028743 |
| SPILLS       | LOCAL 701 IBEW<br>GENERAL PENSION      | 2326 N. MAIN STREET                           | WHEATON IL      |       | 822014218 |
| SPILLS       | UNKNOWN                                | RIFORD & PARK ST CROSSING                     | GLEN ELLYN IL   |       | 822028881 |

|         |                                 |                                          |                     |       |           |
|---------|---------------------------------|------------------------------------------|---------------------|-------|-----------|
| SPILLS  | Phillips 66 Wood River Refinery | Phillips 66 Wood River Refinery          | Roxana IL           |       | 822004584 |
| SPILLS  | #3                              | 535 EAST THORNHILL                       | CAROL STREAM IL     |       | 822038253 |
| SPILLS  | UNKNOWN                         | DUPAGE RIVER, EAST BRANCH FOREST RESERVE | GLENDALE HEIGHTS IL |       | 822041111 |
| SPILLS2 | UNKNOWN                         | NORTHSIDE PARK                           | WHEATON IL          |       | 822439368 |
| SPILLS2 | BATTERY BUILDER                 | WHEATON INDUSTRIAL PARK                  | WHEATON IL          |       | 822437085 |
| SPILLS2 | BATTERY BUILDER                 | WHEATON INDUSTRIAL PARK                  | WHEATON IL          |       | 825138435 |
| UST     | Closed                          | 22 West 555 Butterfield/Park             | Glen Ellyn IL       | 60137 | 813480103 |
| UST     | Closed                          | 2326 N Main St                           | Wheaton IL          | 60532 | 813471195 |

# Unplottable Report

Site:

HERRICK LAKE FOREST PRESERVE WHEATON IL

ERNS

|                                 |                                                                            |                           |  |
|---------------------------------|----------------------------------------------------------------------------|---------------------------|--|
| <b>NRC Report No:</b>           | 370561                                                                     | <b>Latitude Degrees:</b>  |  |
| <b>Type of Incident:</b>        | FIXED                                                                      | <b>Latitude Minutes:</b>  |  |
| <b>Incident Cause:</b>          | DUMPING                                                                    | <b>Latitude Seconds:</b>  |  |
| <b>Incident Date:</b>           | 12/16/1996 8:00:00 AM                                                      | <b>Longitude Degrees:</b> |  |
| <b>Incident Location:</b>       |                                                                            | <b>Longitude Minutes:</b> |  |
| <b>Incident Dtg:</b>            | DISCOVERED                                                                 | <b>Longitude Seconds:</b> |  |
| <b>Distance from City:</b>      |                                                                            | <b>Lat Quad:</b>          |  |
| <b>Distance Units:</b>          |                                                                            | <b>Long Quad:</b>         |  |
| <b>Potential Flag:</b>          |                                                                            | <b>Location Section:</b>  |  |
| <b>Year:</b>                    | Year 1996 Reports                                                          | <b>Location Township:</b> |  |
| <b>Direction from City:</b>     |                                                                            | <b>Location Range:</b>    |  |
| <b>Location County:</b>         | DU PAGE                                                                    |                           |  |
| <b>Description of Incident:</b> | 12-15 CONTAINERS (VARIOUS SIZES UP TO 1 GALLON) WERE DUMPED INTO ADUMPSTER |                           |  |

Calls Information

|                            |                        |                           |             |
|----------------------------|------------------------|---------------------------|-------------|
| <b>Date Time Received:</b> | 12/16/1996 10:45:49 AM | <b>Responsible City:</b>  |             |
| <b>Date Time Complete:</b> | 12/16/1996 10:52:16 AM | <b>Responsible State:</b> | XX          |
| <b>Call Type:</b>          | INC                    | <b>Responsible Zip:</b>   |             |
| <b>Resp Company:</b>       |                        | <b>Source:</b>            | UNAVAILABLE |
| <b>Resp Org Type:</b>      | UNKNOWN                |                           |             |

Incident Information

|                              |         |                             |     |
|------------------------------|---------|-----------------------------|-----|
| <b>Tank ID:</b>              |         | <b>Building ID:</b>         |     |
| <b>Tank Regulated:</b>       | U       | <b>Location Area ID:</b>    |     |
| <b>Tank Regulated By:</b>    |         | <b>Location Block ID:</b>   |     |
| <b>Capacity of Tank:</b>     |         | <b>OCSG No:</b>             |     |
| <b>Capacity Tank Units:</b>  |         | <b>OCSF No:</b>             |     |
| <b>Description of Tank:</b>  |         | <b>State Lease No:</b>      |     |
| <b>Actual Amount:</b>        |         | <b>Pier Dock No:</b>        |     |
| <b>Actual Amount Units:</b>  |         | <b>Berth Slip No:</b>       |     |
| <b>Tank Above Ground:</b>    | ABOVE   | <b>Brake Failure:</b>       | N   |
| <b>NPDES:</b>                |         | <b>Airbag Deployed:</b>     |     |
| <b>NPDES Compliance:</b>     | U       | <b>Transport Contain:</b>   | U   |
| <b>Init Contin Rel No:</b>   |         | <b>Location Subdiv:</b>     |     |
| <b>Contin Rel Permit:</b>    |         | <b>Platform Rig Name:</b>   |     |
| <b>Contin Release Type:</b>  |         | <b>Platform Letter:</b>     |     |
| <b>Aircraft ID:</b>          |         | <b>Allision:</b>            | N   |
| <b>Aircraft Runway No:</b>   |         | <b>Type of Structure:</b>   |     |
| <b>Aircraft Spot No:</b>     |         | <b>Structure Name:</b>      |     |
| <b>Aircraft Type:</b>        | UNKNOWN | <b>Structure Oper:</b>      | Y   |
| <b>Aircraft Model:</b>       |         | <b>Transit Bus Flag:</b>    |     |
| <b>Aircraft Fuel Cap:</b>    |         | <b>Date Time Norm Serv:</b> |     |
| <b>Aircraft Fuel Cap U:</b>  |         | <b>Serv Disrupt Time:</b>   |     |
| <b>Aircraft Fuel on Brd:</b> |         | <b>Serv Disrupt Units:</b>  |     |
| <b>Aircraft Fuel OB U:</b>   |         | <b>CR Begin Date:</b>       |     |
| <b>Aircraft Hanger:</b>      |         | <b>CR End Date:</b>         |     |
| <b>Road Mile Marker:</b>     |         | <b>CR Change Date:</b>      |     |
| <b>Power Gen Facility:</b>   | U       | <b>FBI Contact:</b>         |     |
| <b>Generating Capacity:</b>  |         | <b>FBI Contact Dt Tm:</b>   |     |
| <b>Type of Fixed Obj:</b>    | UNKNOWN | <b>Passenger Handling:</b>  |     |
| <b>Type of Fuel:</b>         |         | <b>Passenger Route:</b>     | XXX |
| <b>DOT Crossing No:</b>      |         | <b>Passenger Delay:</b>     | XXX |
| <b>DOT Regulated:</b>        | U       | <b>Sub Part C Test Req:</b> | XXX |
| <b>Pipeline Type:</b>        | UNKNOWN | <b>Conductor Test:</b>      |     |

**Pipeline Abv Ground:** ABOVE  
**Pipeline Covered:** U  
**Exposed Underwater:** U  
**Railroad Hotline:** No  
**Railroad Milepost:** UNKNOWN  
**Grade Crossing:** N  
**Crossing Device Ty:**  
**Ty Vehicle Involved:** UNKNOWN  
**Device Operational:** Y

**Engineer Test:**  
**Trainman Test:**  
**Yard Foreman Test:**  
**RCL Operator Test:**  
**Brakeman Test:**  
**Train Dispat Test:**  
**Signalman Test:**  
**Oth Employee Test:**  
**Unknown Test:**

Site:

CRESSANT BLVD PROSPECT AVE GLEN ELLYN IL

ERNS

**NRC Report No:** 1136249  
**Type of Incident:** RAILROAD NON-RELEASE  
**Incident Cause:** TRESPASSER  
**Incident Date:** 12/19/2015 6:12:00 PM  
**Incident Location:**  
**Incident Dtg:** OCCURRED  
**Distance from City:**  
**Distance Units:**  
**Potential Flag:** No  
**Year:** Year 2015 Reports  
**Direction from City:**  
**Location County:** DU PAGE  
**Description of Incident:**

**Latitude Degrees:**  
**Latitude Minutes:**  
**Latitude Seconds:**  
**Longitude Degrees:**  
**Longitude Minutes:**  
**Longitude Seconds:**  
**Lat Quad:**  
**Long Quad:**  
**Location Section:**  
**Location Township:**  
**Location Range:**

CALLER IS REPORTING A TRESPASSER FATALITY INCIDENT. THE TRAIN INVOLVED IN THE INCIDENT IS UNKNOWN AT THIS TIME.

Calls Information

**Date Time Received:** 12/19/2015 7:29:32 PM  
**Date Time Complete:** 12/19/2015 7:35:17 PM  
**Call Type:** INC  
**Resp Company:**  
**Resp Org Type:** UNKNOWN

**Responsible City:**  
**Responsible State:** XX  
**Responsible Zip:**  
**Source:** TELEPHONE

Incident Information

**Tank ID:**  
**Tank Regulated:** U  
**Tank Regulated By:**  
**Capacity of Tank:**  
**Capacity Tank Units:**  
**Description of Tank:**  
**Actual Amount:**  
**Actual Amount Units:**  
**Tank Above Ground:** ABOVE  
**NPDES:**  
**NPDES Compliance:** U  
**Init Contin Rel No:**  
**Contin Rel Permit:**  
**Contin Release Type:**  
**Aircraft ID:**  
**Aircraft Runway No:**  
**Aircraft Spot No:**  
**Aircraft Type:**  
**Aircraft Model:**  
**Aircraft Fuel Cap:**  
**Aircraft Fuel Cap U:**  
**Aircraft Fuel on Brd:**  
**Aircraft Fuel OB U:**  
**Aircraft Hanger:**  
**Road Mile Marker:**  
**Power Gen Facility:** U  
**Generating Capacity:**  
**Type of Fixed Obj:**  
**Type of Fuel:**  
**DOT Crossing No:**

**Building ID:**  
**Location Area ID:**  
**Location Block ID:**  
**OCSG No:**  
**OCSF No:**  
**State Lease No:**  
**Pier Dock No:**  
**Berth Slip No:**  
**Brake Failure:** N  
**Airbag Deployed:** U  
**Transport Contain:** U  
**Location Subdiv:** GENEVA  
**Platform Rig Name:**  
**Platform Letter:**  
**Allision:** N  
**Type of Structure:**  
**Structure Name:**  
**Structure Oper:** U  
**Transit Bus Flag:**  
**Date Time Norm Serv:**  
**Serv Disrupt Time:**  
**Serv Disrupt Units:**  
**CR Begin Date:**  
**CR End Date:**  
**CR Change Date:**  
**FBI Contact:**  
**FBI Contact Dt Tm:**  
**Passenger Handling:**  
**Passenger Route:** YES  
**Passenger Delay:** UNK



**DOT Regulated:** U  
**Pipeline Type:**  
**Pipeline Abv Ground:** ABOVE  
**Pipeline Covered:** U  
**Exposed Underwater:** N  
**Railroad Hotline:**  
**Railroad Milepost:** 22.64  
**Grade Crossing:** N  
**Crossing Device Ty:**  
**Ty Vehicle Involved:**  
**Device Operational:** Y

**Sub Part C Test Req:** NO  
**Conductor Test:**  
**Engineer Test:**  
**Trainman Test:**  
**Yard Foreman Test:**  
**RCL Operator Test:**  
**Brakeman Test:**  
**Train Dispat Test:**  
**Signalman Test:**  
**Oth Employee Test:**  
**Unknown Test:**

#### Incident Details Information

**Release Secured:** U  
**Release Rate:**  
**Release Rate Unit:**  
**Release Rate Rate:**  
**Est Duration of Rel:**  
**Desc Remedial Act:** INVESTIGATION UNDERWAY BY LOCAL POLICE.  
**Fire Involved:** N  
**Fire Extinguished:** U  
**Any Evacuations:** N  
**Number Evacuated:**  
**Who Evacuated:**  
**Radius of Evacu:**  
**Any Injuries:** N  
**No. Injured:**  
**No. Hospitalized:**  
**No. Fatalities:** 1  
**Any Fatalities:** Y  
**Any Damages:** N  
**Damage Amount:**  
**Air Corridor Closed:** N  
**Air Corridor Desc:**  
**Air Closure Time:**  
**Waterway Closed:** N  
**Waterway Desc:**  
**Waterway Close Time:**  
**Road Closed:** N  
**Road Desc:**  
**Road Closure Time:**  
**Road Closure Units:**  
**Closure Direction:**  
**Major Artery:** No  
**Track Closed:** N  
**Track Desc:**  
**Track Closure Time:**  
**Track Closure Units:**  
**Track Close Dir:**  
**Media Interest:** UNKNOWN  
**Medium Desc:** RAIL REPORT (N/A)  
**Addl Medium Info:**

**State Agen Report No:** RC-2015-0145  
**State Agen on Scene:** PD  
**State Agen Notified:** IL EMA, PD  
**Fed Agency Notified:**  
**Oth Agency Notified:**  
**Body of Water:**  
**Tributary of:**  
**Near River Mile Make:**  
**Near River Mile Mark:**  
**Offshore:** N  
**Weather Conditions:**  
**Air Temperature:**  
**Wind Direction:**  
**Wind Speed:**  
**Wind Speed Unit:**  
**Water Supp Contam:** U  
**Water Temperature:**  
**Wave Condition:**  
**Current Speed:**  
**Current Direction:**  
**Current Speed Unit:**  
**EMPL Fatality:**  
**Pass Fatality:**  
**Community Impact:**  
**Passengers Transfer:** NO  
**Passenger Injuries:**  
**Employee Injuries:**  
**Occupant Fatality:**  
**Sheen Size:**  
**Sheen Size Units:**  
**Sheen Size Length:**  
**Sheen Size Length U:**  
**Sheen Size Width:**  
**Sheen Size Width U:**  
**Sheen Color:**  
**Dir of Sheen Travel:**  
**Sheen Odor Desc:**  
**Duration Unit:**  
**Additional Info:**

#### Site:

CREEK RUNNING ALONG TOLLWAY BETWEEN GLENN ELLYN AN OF HILL AVENUE. GLEN ELLYN IL

[ERNS 1987 TO 1989](#)

**Spill ID:** 07147  
**Suspected Comp:** UNKNOWN

**Date of Spill:** 10-MAY-89  
**Spill County:** DU PAGE

#### Site:

EAST BRANCH OF THE DUPAGE RIVER AT THE BRIDGE ON CRESCENT AVE GLEN ALLEN IL

[ERNS 1987 TO 1989](#)

**Spill ID:** 05534  
**Suspected Comp:**

**Date of Spill:** 14-APR-89  
**Spill County:** DUPAGE

**Site:** CAROL POINT SPEC BLDG III & IV  
CAROL POINT BUSINESS PARK CAROL STREAM IL 60187

FINDS/FRS

**Registry ID:** 110055962980  
**FIPS Code:** 17043  
**Program Acronyms:** ACES  
**HUC Code:**  
**Site Type Name:** STATIONARY  
**Location Description:**  
**Supplemental Location:**  
**Create Date:** 24-SEP-2013 12:39:24  
**Update Date:**  
**Interest Types:** STATE MASTER  
**SIC Codes:**  
**SIC Code Descriptions:**  
**NAICS Codes:**  
**NAICS Code Descriptions:**  
**Conveyor:**  
**Federal Facility Code:**  
**Federal Agency Name:**  
**Tribal Land Code:**  
**Tribal Land Name:**  
**Congressional Dist No.:**  
**Census Block Code:**  
**EPA Region Code:** 05  
**County Name:** DUPAGE  
**US/Mexico Border Ind:**  
**Latitude:**  
**Longitude:**  
**Reference Point:**  
**Coord Collection Method:**  
**Accuracy Value:**  
**Datum:** NAD83  
**Source:**  
**Facility Detail Rprt URL:** [http://ofmpub.epa.gov/enviro/fii\\_query\\_detail.disp\\_program\\_facility?p\\_registry\\_id=110055962980](http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110055962980)

**Site:** HEIDORS AL COMPLETE COLLISION  
21 W 151 HILL RD GLEN ELLYN IL 60137

FINDS/FRS

**Registry ID:** 110005924722  
**FIPS Code:** 17043  
**Program Acronyms:** ACES, RCRAINFO  
**HUC Code:**  
**Site Type Name:** STATIONARY  
**Location Description:**  
**Supplemental Location:**  
**Create Date:** 01-MAR-2000 00:00:00  
**Update Date:** 26-JAN-2012 14:16:16  
**Interest Types:** CESQG, STATE MASTER  
**SIC Codes:**  
**SIC Code Descriptions:**  
**NAICS Codes:**  
**NAICS Code Descriptions:**  
**Conveyor:**  
**Federal Facility Code:**  
**Federal Agency Name:**  
**Tribal Land Code:**  
**Tribal Land Name:**  
**Congressional Dist No.:**  
**Census Block Code:**  
**EPA Region Code:** 05  
**County Name:** DU PAGE  
**US/Mexico Border Ind:**  
**Latitude:**  
**Longitude:**  
**Reference Point:**

**Coord Collection Method:**  
**Accuracy Value:**  
**Datum:** NAD83  
**Source:**  
**Facility Detail Rprt URL:** [http://ofmpub.epa.gov/enviro/fii\\_query\\_detail.disp\\_program\\_facility?p\\_registry\\_id=110005924722](http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110005924722)

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**Site:** ST JAMES PARK EXTENSION  
ST JAMES PARK WHEATON IL 60187

[FINDS/FRS](#)

**Registry ID:** 110055966281  
**FIPS Code:** 17043  
**Program Acronyms:** ACES  
**HUC Code:**  
**Site Type Name:** STATIONARY  
**Location Description:**  
**Supplemental Location:**  
**Create Date:** 24-SEP-2013 13:44:37  
**Update Date:**  
**Interest Types:** STATE MASTER  
**SIC Codes:**  
**SIC Code Descriptions:**  
**NAICS Codes:**  
**NAICS Code Descriptions:**  
**Conveyor:**  
**Federal Facility Code:**  
**Federal Agency Name:**  
**Tribal Land Code:**  
**Tribal Land Name:**  
**Congressional Dist No.:**  
**Census Block Code:**  
**EPA Region Code:** 05  
**County Name:** DUPAGE  
**US/Mexico Border Ind:**  
**Latitude:**  
**Longitude:**  
**Reference Point:**  
**Coord Collection Method:**  
**Accuracy Value:**  
**Datum:** NAD83  
**Source:**  
**Facility Detail Rprt URL:** [http://ofmpub.epa.gov/enviro/fii\\_query\\_detail.disp\\_program\\_facility?p\\_registry\\_id=110055966281](http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110055966281)

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**Site:** 63 COLUMBINE 115 CRYSTAL 525 PHILLIPS CT 249 LALONDE  
63 COLUMBINE 115 CRYSTAL 525 PHILLIPS LOMBARD IL 60148

[FINDS/FRS](#)

**Registry ID:** 110055412423  
**FIPS Code:** 17043  
**Program Acronyms:** ACES  
**HUC Code:**  
**Site Type Name:** STATIONARY  
**Location Description:**  
**Supplemental Location:**  
**Create Date:** 30-JUL-2013 10:19:10  
**Update Date:**  
**Interest Types:** STATE MASTER  
**SIC Codes:**  
**SIC Code Descriptions:**  
**NAICS Codes:**  
**NAICS Code Descriptions:**  
**Conveyor:**  
**Federal Facility Code:**  
**Federal Agency Name:**  
**Tribal Land Code:**  
**Tribal Land Name:**  
**Congressional Dist No.:**  
**Census Block Code:**

**EPA Region Code:** 05  
**County Name:** DUPAGE  
**US/Mexico Border Ind:**  
**Latitude:**  
**Longitude:**  
**Reference Point:**  
**Coord Collection Method:**  
**Accuracy Value:**  
**Datum:** NAD83  
**Source:**  
**Facility Detail Rprt URL:** [http://ofmpub.epa.gov/enviro/fii\\_query\\_detail.disp\\_program\\_facility?p\\_registry\\_id=110055412423](http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110055412423)

**Site:** **PARKVIEW ELEMENTARY SCHOOL**  
**1 S 480 PARK BOULEVARD GLEN ELLYN IL 60137-6864**

FINDS/FRS

**Registry ID:** 110001822671  
**FIPS Code:** 17043  
**Program Acronyms:** ACES, AIR, AIRS/AFS  
**HUC Code:**  
**Site Type Name:** STATIONARY  
**Location Description:**  
**Supplemental Location:**  
**Create Date:** 01-MAR-2000 00:00:00  
**Update Date:** 09-JAN-2015 16:54:27  
**Interest Types:** AIR MINOR, STATE MASTER  
**SIC Codes:** 8211  
**SIC Code Descriptions:** ELEMENTARY AND SECONDARY SCHOOLS  
**NAICS Codes:** 611110  
**NAICS Code Descriptions:** ELEMENTARY AND SECONDARY SCHOOLS.  
**Conveyor:**  
**Federal Facility Code:**  
**Federal Agency Name:**  
**Tribal Land Code:**  
**Tribal Land Name:**  
**Congressional Dist No.:**  
**Census Block Code:**  
**EPA Region Code:** 05  
**County Name:** DU PAGE  
**US/Mexico Border Ind:**  
**Latitude:**  
**Longitude:**  
**Reference Point:**  
**Coord Collection Method:**  
**Accuracy Value:**  
**Datum:** NAD83  
**Source:**  
**Facility Detail Rprt URL:** [http://ofmpub.epa.gov/enviro/fii\\_query\\_detail.disp\\_program\\_facility?p\\_registry\\_id=110001822671](http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110001822671)

**Site:** **ADVANCED ENV TECH SVCS**  
**PARKING LOT #9 LIBERTY WHEATON IL 60187**

FINDS/FRS

**Registry ID:** 110007555742  
**FIPS Code:** 17043  
**Program Acronyms:** BR, RCRAINFO  
**HUC Code:**  
**Site Type Name:** STATIONARY  
**Location Description:**  
**Supplemental Location:** AND COLLINS STS  
**Create Date:** 01-MAR-2000 00:00:00  
**Update Date:** 26-JAN-2012 14:29:57  
**Interest Types:** HAZARDOUS WASTE BIENNIAL REPORTER, UNSPECIFIED UNIVERSE  
**SIC Codes:**  
**SIC Code Descriptions:**  
**NAICS Codes:** 339999  
**NAICS Code Descriptions:** ALL OTHER MISCELLANEOUS MANUFACTURING.  
**Conveyor:**

**Federal Facility Code:**  
**Federal Agency Name:**  
**Tribal Land Code:**  
**Tribal Land Name:**  
**Congressional Dist No.:**  
**Census Block Code:**  
**EPA Region Code:** 05  
**County Name:** DU PAGE  
**US/Mexico Border Ind:**  
**Latitude:**  
**Longitude:**  
**Reference Point:**  
**Coord Collection Method:**  
**Accuracy Value:**  
**Datum:** NAD83  
**Source:**  
**Facility Detail Rprt URL:** [http://ofmpub.epa.gov/enviro/fii\\_query\\_detail.disp\\_program\\_facility?p\\_registry\\_id=110007555742](http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110007555742)

**Site:** 460 -78 DUANE ST  
460 -78 DUANE ST GLEN ELLYN IL 60137

[FINDS/FRS](#)

**Registry ID:** 110037140448  
**FIPS Code:** 17043  
**Program Acronyms:** ACES  
**HUC Code:** 07120004  
**Site Type Name:** STATIONARY  
**Location Description:**  
**Supplemental Location:**  
**Create Date:** 21-OCT-2008 15:33:52  
**Update Date:** 29-DEC-2014 20:40:20  
**Interest Types:** STATE MASTER  
**SIC Codes:**  
**SIC Code Descriptions:**  
**NAICS Codes:**  
**NAICS Code Descriptions:**  
**Conveyor:** FRS-GEOCODE  
**Federal Facility Code:**  
**Federal Agency Name:**  
**Tribal Land Code:**  
**Tribal Land Name:**  
**Congressional Dist No.:** 06  
**Census Block Code:** 170438422003014  
**EPA Region Code:** 05  
**County Name:** DUPAGE  
**US/Mexico Border Ind:**  
**Latitude:** 41.87545  
**Longitude:** -88.06948  
**Reference Point:** ENTRANCE POINT OF A FACILITY OR STATION  
**Coord Collection Method:** ADDRESS MATCHING-HOUSE NUMBER  
**Accuracy Value:** 50  
**Datum:** NAD83  
**Source:**  
**Facility Detail Rprt URL:** [http://ofmpub.epa.gov/enviro/fii\\_query\\_detail.disp\\_program\\_facility?p\\_registry\\_id=110037140448](http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110037140448)

**Site:** LOCAL 701 IBEW GENERAL FUND  
2326 N MAIN ST WHEATON IL 60187

[FINDS/FRS](#)

**Registry ID:** 110018379404  
**FIPS Code:** 17043  
**Program Acronyms:** ACES  
**HUC Code:** 07120004  
**Site Type Name:** STATIONARY  
**Location Description:**  
**Supplemental Location:**  
**Create Date:** 19-OCT-2004 16:48:47  
**Update Date:** 18-APR-2008 16:42:44



**Interest Types:** STATE MASTER  
**SIC Codes:**  
**SIC Code Descriptions:**  
**NAICS Codes:**  
**NAICS Code Descriptions:**  
**Conveyor:** ACES  
**Federal Facility Code:**  
**Federal Agency Name:**  
**Tribal Land Code:**  
**Tribal Land Name:**  
**Congressional Dist No.:** 06  
**Census Block Code:** 170438417042010  
**EPA Region Code:** 05  
**County Name:** DUPAGE  
**US/Mexico Border Ind:**  
**Latitude:** 41.89637  
**Longitude:** -88.10684  
**Reference Point:**  
**Coord Collection Method:**  
**Accuracy Value:**  
**Datum:** NAD83  
**Source:**  
**Facility Detail Rprt URL:** [http://ofmpub.epa.gov/enviro/fii\\_query\\_detail.disp\\_program\\_facility?p\\_registry\\_id=110018379404](http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110018379404)

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**Site:** GLEN OAKS COUNTRY CLUB  
41 W-451 HILL AVE GLEN ELLYN IL 60137

[FINDS/FRS](#)

**Registry ID:** 110018377497  
**FIPS Code:** 17043  
**Program Acronyms:** ACES  
**HUC Code:**  
**Site Type Name:** STATIONARY  
**Location Description:**  
**Supplemental Location:**  
**Create Date:** 19-OCT-2004 16:46:10  
**Update Date:** 17-MAR-2006 22:29:44  
**Interest Types:** STATE MASTER  
**SIC Codes:**  
**SIC Code Descriptions:**  
**NAICS Codes:**  
**NAICS Code Descriptions:**  
**Conveyor:**  
**Federal Facility Code:**  
**Federal Agency Name:**  
**Tribal Land Code:**  
**Tribal Land Name:**  
**Congressional Dist No.:**  
**Census Block Code:**  
**EPA Region Code:** 05  
**County Name:** DUPAGE  
**US/Mexico Border Ind:**  
**Latitude:**  
**Longitude:**  
**Reference Point:**  
**Coord Collection Method:**  
**Accuracy Value:**  
**Datum:** NAD83  
**Source:**  
**Facility Detail Rprt URL:** [http://ofmpub.epa.gov/enviro/fii\\_query\\_detail.disp\\_program\\_facility?p\\_registry\\_id=110018377497](http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110018377497)

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**Site:** COMMONWEALTH EDISON (CD 126)  
SOUTH OF MADISON ST AND EAST OF STEWART LOMBARD IL 60148

[FINDS/FRS](#)

**Registry ID:** 110011586060  
**FIPS Code:**  
**Program Acronyms:** NCDB

**HUC Code:** 07120004  
**Site Type Name:** STATIONARY  
**Location Description:**  
**Supplemental Location:**  
**Create Date:** 01-MAR-2000 00:00:00  
**Update Date:** 29-DEC-2014 09:34:06  
**Interest Types:** COMPLIANCE ACTIVITY  
**SIC Codes:**  
**SIC Code Descriptions:**  
**NAICS Codes:**  
**NAICS Code Descriptions:**  
**Conveyor:** FRS  
**Federal Facility Code:**  
**Federal Agency Name:**  
**Tribal Land Code:**  
**Tribal Land Name:**  
**Congressional Dist No.:** 06  
**Census Block Code:** 170438436022021  
**EPA Region Code:** 05  
**County Name:** DUPAGE  
**US/Mexico Border Ind:**  
**Latitude:** 41.87489  
**Longitude:** -88.01093  
**Reference Point:**  
**Coord Collection Method:** ADDRESS MATCHING-HOUSE NUMBER  
**Accuracy Value:**  
**Datum:** NAD83  
**Source:**  
**Facility Detail Rprt URL:** [http://ofmpub.epa.gov/enviro/fii\\_query\\_detail.disp\\_program\\_facility?p\\_registry\\_id=110011586060](http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110011586060)

**Site:** **BROWNING FERRIS INDUSTRY GLEN ELLYN**  
**1N 282 PARK BOULEVARD GLEN ELLYN IL 60137**

FINDS/FRS

**Registry ID:** 110010010772  
**FIPS Code:** 17043  
**Program Acronyms:** RCRINFO  
**HUC Code:** 07120004  
**Site Type Name:** STATIONARY  
**Location Description:**  
**Supplemental Location:**  
**Create Date:** 01-MAR-2000 00:00:00  
**Update Date:** 26-JAN-2012 16:15:00  
**Interest Types:** SQG  
**SIC Codes:**  
**SIC Code Descriptions:**  
**NAICS Codes:**  
**NAICS Code Descriptions:**  
**Conveyor:** RCRIS  
**Federal Facility Code:**  
**Federal Agency Name:**  
**Tribal Land Code:**  
**Tribal Land Name:**  
**Congressional Dist No.:** 06  
**Census Block Code:** 170438422002005  
**EPA Region Code:** 05  
**County Name:** DUPAGE  
**US/Mexico Border Ind:**  
**Latitude:** 41.8698  
**Longitude:** -88.06098  
**Reference Point:** PLANT ENTRANCE (GENERAL)  
**Coord Collection Method:** ADDRESS MATCHING-HOUSE NUMBER  
**Accuracy Value:** 150  
**Datum:** NAD83  
**Source:**  
**Facility Detail Rprt URL:** [http://ofmpub.epa.gov/enviro/fii\\_query\\_detail.disp\\_program\\_facility?p\\_registry\\_id=110010010772](http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110010010772)

**Site:** Lombard, Village of  
SE Corner of Parkside Avenue & Main Street Lombard IL 60148

LUST

|                                     |                        |                              |                              |
|-------------------------------------|------------------------|------------------------------|------------------------------|
| <b>Incident No:</b>                 | 20071603               | <b>LPC No:</b>               | 0430605277                   |
| <b>Incidents ID:</b>                | 5399                   | <b>IEMA Date:</b>            | 12/10/2007                   |
| <b>NFR Date:</b>                    | 01/08/2010             | <b>Regulation:</b>           | 734                          |
| <b>Gasoline:</b>                    | True                   | <b>C 20 Day Report Date:</b> | 02/11/2008                   |
| <b>Unleaded:</b>                    | False                  | <b>C 45 Day Report Date:</b> | 02/11/2008                   |
| <b>Diesel:</b>                      | False                  | <b>NFR Recorded Date:</b>    | 03/12/2010                   |
| <b>Fuel Oil:</b>                    | False                  | <b>Pre 74 Date:</b>          |                              |
| <b>Jet Fuel:</b>                    | False                  | <b>Proj Manager Phone:</b>   | (217) 785-1858               |
| <b>Used Oil:</b>                    | False                  | <b>Proj Mngr First Nm:</b>   | Scott                        |
| <b>Non Petroleum Prod:</b>          | False                  | <b>Proj Mngr Last Nm:</b>    | Rothering                    |
| <b>Other Petroleum:</b>             | False                  | <b>Proj Manager Email:</b>   | Scott.Rothering@illinois.gov |
| <b>Non LUST Date:</b>               |                        | <b>Site County:</b>          | Du Page                      |
| <b>Non LUST Letter Dt:</b>          |                        |                              |                              |
| <b>Heating Oil Letter Date:</b>     |                        |                              |                              |
| <b>Free Product Discovery Date:</b> |                        |                              |                              |
| <b>Primary Resp Party Name:</b>     | Village of Lombard     |                              |                              |
| <b>Primary Resp Party Address:</b>  | 255 East Wilson Avenue |                              |                              |
| <b>Primary Resp Party City:</b>     | Lombard                |                              |                              |
| <b>Primary Resp Party State:</b>    | IL                     |                              |                              |
| <b>Primary Resp Party Zip:</b>      | 60148                  |                              |                              |
| <b>Primary Resp Party Phone:</b>    | 6306205740             |                              |                              |
| <b>Primary Resp Party Contact:</b>  | Dave Gorman            |                              |                              |

**Site:** HEIDORS AL COMPLETE COLLISION  
21 W 151 HILL RD GLEN ELLYN IL 60137

RCRA CESQG

**EPA Handler ID:** ILD984917229  
**Gen Status Universe:** Conditionally Exempt Small Quantity Generator  
**Contact Name:** AL HEIDORN  
**Contact Address:** 21 W 151 HILL RD , , GLEN ELLYN , IL, 60137 , US  
**Contact Phone No and Ext:** 708-838-1355  
**Contact Email:**  
**Contact Country:** US  
**County Name:** DU PAGE  
**EPA Region:** 05  
**Land Type:** Private  
**Receive Date:** 19930426

#### Violation/Evaluation Summary

**Note:** NO RECORDS: As of Dec 2018, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

#### Handler Summary

**Importer Activity:** No  
**Mixed Waste Generator:** No  
**Transporter Activity:** No  
**Transfer Facility:** No  
**Onsite Burner Exemption:** No  
**Furnace Exemption:** No  
**Underground Injection Activity:** No  
**Commercial TSD:** No  
**Used Oil Transporter:** No  
**Used Oil Transfer Facility:** No  
**Used Oil Processor:** No  
**Used Oil Refiner:** No  
**Used Oil Burner:** No  
**Used Oil Market Burner:** No  
**Used Oil Spec Marketer:** No

#### Hazardous Waste Handler Details

**Sequence No:** 1  
**Receive Date:** 19930426  
**Handler Name:** HEIDORS AL COMPLETE COLLISION  
**Generator Status Universe:** Conditionally Exempt Small Quantity Generator  
**Source Type:** Notification

Waste Code Details

**Hazardous Waste Code:** F003  
**Waste Code Description:** THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

**Hazardous Waste Code:** D001  
**Waste Code Description:** IGNITABLE WASTE

**Hazardous Waste Code:** F005  
**Waste Code Description:** THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Owner/Operator Details

|                             |                   |                   |                  |
|-----------------------------|-------------------|-------------------|------------------|
| <b>Owner/Operator Ind:</b>  | Current Owner     | <b>Street No:</b> |                  |
| <b>Type:</b>                | Private           | <b>Street 1:</b>  | 21 W 151 HILL RD |
| <b>Name:</b>                | ELLIOT AND ELLIOT | <b>Street 2:</b>  |                  |
| <b>Date Became Current:</b> |                   | <b>City:</b>      | GLEN ELLYN       |
| <b>Date Ended Current:</b>  |                   | <b>State:</b>     | IL               |
| <b>Phone:</b>               | 708-469-3936      | <b>Country:</b>   |                  |
| <b>Source Type:</b>         | Notification      | <b>Zip Code:</b>  | 60137            |

**Site:** ADVANCED ENV TECH SVCS  
 PARKING LOT #9 LIBERTY AND COLLINS STS WHEATON IL 60187

RCRA NON GEN

**EPA Handler ID:** ILR000028308  
**Gen Status Universe:** No Report  
**Contact Name:** ENV COORDINATOR  
**Contact Address:** US  
**Contact Phone No and Ext:** 773-646-8322  
**Contact Email:**  
**Contact Country:** US  
**County Name:** DU PAGE  
**EPA Region:** 05  
**Land Type:** Private  
**Receive Date:** 20060401

Violation/Evaluation Summary

**Note:** NO VIOLATIONS: All of the compliance records associated with this facility (EPA ID) indicate NO VIOLATIONS; Compliance Monitoring and Enforcement table dated Dec, 2018.

Evaluation Details

**Evaluation Start Date:** 20000107  
**Evaluation Type Description:** COMPLIANCE ASSISTANCE VISIT  
**Violation Short Description:**  
**Return to Compliance Date:**  
**Evaluation Agency:** State

Handler Summary

**Importer Activity:** No  
**Mixed Waste Generator:** No  
**Transporter Activity:** No  
**Transfer Facility:** No  
**Onsite Burner Exemption:** No  
**Furnace Exemption:** No  
**Underground Injection Activity:** No  
**Commercial TSD:** No  
**Used Oil Transporter:** No  
**Used Oil Transfer Facility:** No  
**Used Oil Processor:** No  
**Used Oil Refiner:** No  
**Used Oil Burner:** No  
**Used Oil Market Burner:** No  
**Used Oil Spec Marketer:** No

Hazardous Waste Handler Details

**Sequence No:** 1  
**Receive Date:** 20060401  
**Handler Name:** ADVANCED ENV TECH SVCS  
**Generator Status Universe:** No Report  
**Source Type:** Annual/Biennial Report update with Notification

Hazardous Waste Handler Details

**Sequence No:** 1  
**Receive Date:** 20000107  
**Handler Name:** ADVANCED ENV TECH SVCS  
**Generator Status Universe:** No Report  
**Source Type:** Implementer

Hazardous Waste Handler Details

**Sequence No:** 1  
**Receive Date:** 19960930  
**Handler Name:** ADVANCED ENV TECH SVCS  
**Generator Status Universe:** No Report  
**Source Type:** Notification

Waste Code Details

**Hazardous Waste Code:** D001  
**Waste Code Description:** IGNITABLE WASTE

**Hazardous Waste Code:** D002  
**Waste Code Description:** CORROSIVE WASTE

**Hazardous Waste Code:** D003  
**Waste Code Description:** REACTIVE WASTE

**Hazardous Waste Code:** D000  
**Waste Code Description:** DESCRIPTION

Owner/Operator Details

**Owner/Operator Ind:** Current Owner  
**Type:** Private  
**Name:** ADVANCED ENV TECH SVCS  
**Date Became Current:** 19000101  
**Date Ended Current:**  
**Phone:**

**Street No:**  
**Street 1:**  
**Street 2:**  
**City:**  
**State:**  
**Country:** US



|                             |                                                 |                   |                 |
|-----------------------------|-------------------------------------------------|-------------------|-----------------|
| <b>Source Type:</b>         | Annual/Biennial Report update with Notification | <b>Zip Code:</b>  |                 |
| <b>Owner/Operator Ind:</b>  | Current Owner                                   | <b>Street No:</b> |                 |
| <b>Type:</b>                | Municipal                                       | <b>Street 1:</b>  | 303 W WESLEY ST |
| <b>Name:</b>                | WHEATON CITY HALL                               | <b>Street 2:</b>  |                 |
| <b>Date Became Current:</b> |                                                 | <b>City:</b>      | WHEATON         |
| <b>Date Ended Current:</b>  |                                                 | <b>State:</b>     | IL              |
| <b>Phone:</b>               |                                                 | <b>Country:</b>   |                 |
| <b>Source Type:</b>         | Notification                                    | <b>Zip Code:</b>  | 60187           |
| <b>Owner/Operator Ind:</b>  | Current Operator                                | <b>Street No:</b> |                 |
| <b>Type:</b>                | Private                                         | <b>Street 1:</b>  |                 |
| <b>Name:</b>                | ADVANCED ENV TECH SVCS                          | <b>Street 2:</b>  |                 |
| <b>Date Became Current:</b> | 19000101                                        | <b>City:</b>      |                 |
| <b>Date Ended Current:</b>  |                                                 | <b>State:</b>     | US              |
| <b>Phone:</b>               |                                                 | <b>Country:</b>   |                 |
| <b>Source Type:</b>         | Annual/Biennial Report update with Notification | <b>Zip Code:</b>  |                 |
| <b>Owner/Operator Ind:</b>  | Current Owner                                   | <b>Street No:</b> |                 |
| <b>Type:</b>                | Municipal                                       | <b>Street 1:</b>  | 303 W WESLEY ST |
| <b>Name:</b>                | WHEATON CITY HALL                               | <b>Street 2:</b>  |                 |
| <b>Date Became Current:</b> |                                                 | <b>City:</b>      | WHEATON         |
| <b>Date Ended Current:</b>  |                                                 | <b>State:</b>     | IL              |
| <b>Phone:</b>               |                                                 | <b>Country:</b>   |                 |
| <b>Source Type:</b>         | Implementer                                     | <b>Zip Code:</b>  | 60187           |

**Site:** *Illinois Contractors*  
*Intersection of Adams St and Crescent St Wheaton IL*

SPILLS

|                                  |                        |                           |         |
|----------------------------------|------------------------|---------------------------|---------|
| <b>Incident No:</b>              | H-2013-1305            | <b>Contacted Police?:</b> |         |
| <b>Hazmat Incid Type:</b>        | Leak or spill          | <b>Police on Scene?:</b>  |         |
| <b>Leaking UST:</b>              | No                     | <b>Police Dept Name:</b>  | None    |
| <b>Dt/Tm Occurred:</b>           |                        | <b>Sheriff Dept:</b>      |         |
| <b>Incident Rpt Date:</b>        | 12/8/2013 8:01:58 PM   | <b>Sheriff on Scene:</b>  |         |
| <b>Area Involved:</b>            | Fixed Facility         | <b>Sheriff Dept Name:</b> | None    |
| <b>Media or Medium:</b>          | Ground                 | <b>Other Contact?:</b>    |         |
| <b>Incident County:</b>          | DuPage                 | <b>Other on Scene?:</b>   |         |
| <b>Entered by:</b>               | Troesch, Aubrey (IEMA) | <b>Other Agency Name:</b> | None    |
| <b>Data Input Status:</b>        | Closed                 | <b>Temp:</b>              | Unknown |
| <b>Caller:</b>                   | Sarah O'Brien          | <b>Wind:</b>              | Unknown |
| <b>Caller Represents:</b>        | Union Pacific          | <b>City:</b>              | Wheaton |
| <b>Facility Manager:</b>         | Unknown                | <b>State:</b>             |         |
| <b>Fac Manager Phone:</b>        | Unknown                | <b>County:</b>            | DuPage  |
| <b>Contacted ESDA?:</b>          |                        | <b>Milepost:</b>          |         |
| <b>ESDA on Scene?:</b>           |                        | <b>Section:</b>           |         |
| <b>Spec ESDA Contact:</b>        | None                   | <b>Township:</b>          |         |
| <b>Contact Fire Dept?:</b>       |                        | <b>Range:</b>             |         |
| <b>Fire Dept on Scene:</b>       |                        | <b>Latitude:</b>          |         |
| <b>Fire Dept Name:</b>           | None                   | <b>Longitude:</b>         |         |
| <b>Name:</b>                     | Illinois Contractors   |                           |         |
| <b>Responsible Party Street:</b> | Unknown                |                           |         |
| <b>Narrative:</b>                |                        |                           |         |

#### Spill Agency Information

**Agency Notified:** IEPA, OSFM, N RTP, IEMA Region 4  
**Notified Date/Time:** 2013-12-08 20:04  
**Notification Action:** Report Sent  
**Name of Person:** emailed

**Agency Notified:** IEPA D/O  
**Notified Date/Time:** 2013-12-08 20:03  
**Notification Action:** Contacted  
**Name of Person:** Jim Ross

#### Spill Material Information

|                                     |                                                                             |                            |               |
|-------------------------------------|-----------------------------------------------------------------------------|----------------------------|---------------|
| <b>UN NA No:</b>                    | Unknown                                                                     | <b>Release Rate Min:</b>   | N/A           |
| <b>CAS No:</b>                      | Unknown                                                                     | <b>Cause of Release:</b>   | Unknown       |
| <b>Chris Code:</b>                  | Unknown                                                                     | <b>302 A Extrm Haz?:</b>   | Unknown       |
| <b>Type:</b>                        | Liquid                                                                      | <b>RCRA Haz Waste?:</b>    | Unknown       |
| <b>Name:</b>                        | Diesel fuel                                                                 | <b>RCRA Regulated?:</b>    | Unknown       |
| <b>Container Type:</b>              | Excavator fuel tank                                                         | <b>Est Spill Extent:</b>   | Unknown       |
| <b>Container Size:</b>              | 1 Unknown                                                                   | <b>Spill Extent Units:</b> |               |
| <b>Amount Released:</b>             | Less than 20 gallons                                                        | <b>Where Taken:</b>        | N/A           |
| <b>Release Duration:</b>            | Unknown                                                                     | <b>On Scene Contact:</b>   | Matt Thompson |
| <b>Date Time Discover:</b>          | 2013-12-07 22:11                                                            | <b>No of People Evac:</b>  | 0             |
| <b>Check If Unknown Discovered:</b> |                                                                             |                            |               |
| <b>Date Time Incident Occurred:</b> |                                                                             |                            |               |
| <b>Check If Unknown Occurrence:</b> | v                                                                           |                            |               |
| <b>Proper Safety Precautions:</b>   | None                                                                        |                            |               |
| <b>Assist Needed from State:</b>    | None                                                                        |                            |               |
| <b>Cleanup Actions and Plans:</b>   | Remediation completed at 19:45 by Trans Environmental using absorbent pads. |                            |               |

**Site:** UNKNOWN  
Addison Park Rd. & Fordson Ave LOMBARD IL

SPILLS

|                                  |                       |                           |          |
|----------------------------------|-----------------------|---------------------------|----------|
| <b>Incident No:</b>              | 881493                | <b>Contacted Police?:</b> |          |
| <b>Hazmat Incid Type:</b>        | OTHER                 | <b>Police on Scene?:</b>  |          |
| <b>Leaking UST:</b>              |                       | <b>Police Dept Name:</b>  |          |
| <b>Dt/Tm Occurred:</b>           |                       | <b>Sheriff Dept:</b>      |          |
| <b>Incident Rprt Date:</b>       | 11/10/1988 4:22:00 PM | <b>Sheriff on Scene:</b>  |          |
| <b>Area Involved:</b>            |                       | <b>Sheriff Dept Name:</b> |          |
| <b>Media or Medium:</b>          |                       | <b>Other Contact?:</b>    |          |
| <b>Incident County:</b>          | DUPAGE                | <b>Other on Scene?:</b>   |          |
| <b>Entered by:</b>               |                       | <b>Other Agency Name:</b> |          |
| <b>Data Input Status:</b>        | CLOSED                | <b>Temp:</b>              |          |
| <b>Caller:</b>                   | BOB BOWLUS            | <b>Wind:</b>              |          |
| <b>Caller Represents:</b>        | USEPA                 | <b>City:</b>              | LOMBARD  |
| <b>Facility Manager:</b>         |                       | <b>State:</b>             | ILLINOIS |
| <b>Fac Manager Phone:</b>        |                       | <b>County:</b>            | DUPAGE   |
| <b>Contacted ESDA?:</b>          |                       | <b>Milepost:</b>          |          |
| <b>ESDA on Scene?:</b>           |                       | <b>Section:</b>           |          |
| <b>Spec ESDA Contact:</b>        |                       | <b>Township:</b>          |          |
| <b>Contact Fire Dept?:</b>       |                       | <b>Range:</b>             |          |
| <b>Fire Dept on Scene:</b>       |                       | <b>Latitude:</b>          |          |
| <b>Fire Dept Name:</b>           |                       | <b>Longitude:</b>         |          |
| <b>Name:</b>                     | UNKNOWN               |                           |          |
| <b>Responsible Party Street:</b> |                       |                           |          |
| <b>Narrative:</b>                |                       |                           |          |

Spill Material Information

|                                     |                         |                            |                           |
|-------------------------------------|-------------------------|----------------------------|---------------------------|
| <b>UN NA No:</b>                    |                         | <b>Release Rate Min:</b>   |                           |
| <b>CAS No:</b>                      |                         | <b>Cause of Release:</b>   | NO RELEASE,ABANDONED DRUM |
| <b>Chris Code:</b>                  |                         | <b>302 A Extrm Haz?:</b>   |                           |
| <b>Type:</b>                        | UNKNOWN                 | <b>RCRA Haz Waste?:</b>    |                           |
| <b>Name:</b>                        | ORANGE CORROSIVE LIQUID | <b>RCRA Regulated?:</b>    |                           |
| <b>Container Type:</b>              | 1-55 GALLON DRUM        | <b>Est Spill Extent:</b>   |                           |
| <b>Container Size:</b>              | 1-55 GALLON DRUM        | <b>Spill Extent Units:</b> |                           |
| <b>Amount Released:</b>             |                         | <b>Where Taken:</b>        | NONE                      |
| <b>Release Duration:</b>            |                         | <b>On Scene Contact:</b>   | BOB BOWLUS                |
| <b>Date Time Discover:</b>          | 11/10/88 1320           | <b>No of People Evac:</b>  | NONE                      |
| <b>Check If Unknown Discovered:</b> |                         |                            |                           |
| <b>Date Time Incident Occurred:</b> |                         |                            |                           |
| <b>Check If Unknown Occurrence:</b> |                         |                            |                           |
| <b>Proper Safety Precautions:</b>   |                         |                            |                           |
| <b>Assist Needed from State:</b>    |                         |                            |                           |
| <b>Cleanup Actions and Plans:</b>   | UNKNOWN                 |                            |                           |

**Site:** GLEN BARB WEST HIGH SCHOOL  
LAKE ELLYN PARK GLEN ELLYN IL

SPILLS

**Incident No:** 922438 **Contacted Police?:**

**Hazmat Incid Type:** SPILL/WATER INVOLVEMENT  
**Leaking UST:**  
**Dt/Tm Occurred:**  
**Incident Rprt Date:** 9/1/1992 4:26:00 PM  
**Area Involved:** WATERWAY  
**Media or Medium:**  
**Incident County:** DUPAGE  
**Entered by:**  
**Data Input Status:** CLOSED  
**Caller:** DAVE MCCOMB  
**Caller Represents:** VILLAGE OF GLEN ELLYN  
**Facility Manager:**  
**Fac Manager Phone:**  
**Contacted ESDA?:**  
**ESDA on Scene?:**  
**Spec ESDA Contact:**  
**Contact Fire Dept?:**  
**Fire Dept on Scene:**  
**Fire Dept Name:**  
**Name:** GLEN BARB WEST HIGH SCHOOL  
**Responsible Party Street:**  
**Narrative:**

**Police on Scene?:**  
**Police Dept Name:**  
**Sheriff Dept:**  
**Sheriff on Scene:**  
**Sheriff Dept Name:**  
**Other Contact?:**  
**Other on Scene?:**  
**Other Agency Name:**  
**Temp:**  
**Wind:**  
**City:** GLEN ELLYN  
**State:** ILLINOIS  
**County:** DUPAGE  
**Milepost:**  
**Section:**  
**Township:**  
**Range:**  
**Latitude:**  
**Longitude:**

### Spill Material Information

**UN NA No:**  
**CAS No:**  
**Chris Code:**  
**Type:** UNKNOWN  
**Name:** WATER BASE ATHLETIC FIELD MARK  
 PAINT-MONO ETHENAL AMINA  
**Container Type:** OTHER/LINE STRIPING MACHINE  
**Container Size:** OTHER/LINE STRIPING MACHINE  
**Amount Released:** 80 LBS.  
**Release Duration:**  
**Date Time Discover:** 09/01/92 1600  
**Check If Unknown Discovered:**  
**Date Time Incident Occurred:**  
**Check If Unknown Occurrence:**  
**Proper Safety Precautions:** NO  
**Assist Needed from State:**  
**Cleanup Actions and Plans:**

**Release Rate Min:**  
**Cause of Release:** SCHOOL DUMPED EXCESS PAINT  
**302 A Extrm Haz?:**  
**RCRA Haz Waste?:**  
**RCRA Regulated?:**  
**Est Spill Extent:**  
**Spill Extent Units:**  
**Where Taken:** -0-  
**On Scene Contact:**  
**No of People Evac:** -0-

**Site:** Village of Lombard  
 S.E. Corner of Parkside Ave. and Main st. Lombard IL

SPILLS

**Incident No:** H-2007-1603  
**Hazmat Incid Type:** Leak or Spill  
**Leaking UST:** TRUE  
**Dt/Tm Occurred:**  
**Incident Rprt Date:** 12/10/2007 10:23:00 AM  
**Area Involved:** Vacant lot  
**Media or Medium:**  
**Incident County:** DuPage  
**Entered by:** Jeffers, Lisa/Comm Center/IEMA  
**Data Input Status:** Closed  
**Caller:** Marty Keeley  
**Caller Represents:** Seeco Environmental  
**Facility Manager:**  
**Fac Manager Phone:**  
**Contacted ESDA?:**  
**ESDA on Scene?:**  
**Spec ESDA Contact:**  
**Contact Fire Dept?:**  
**Fire Dept on Scene:**  
**Fire Dept Name:**  
**Name:** Village of Lombard  
**Responsible Party Street:** 255 East Wilson Ave. Lombard, IL 60148

**Contacted Police?:**  
**Police on Scene?:**  
**Police Dept Name:**  
**Sheriff Dept:**  
**Sheriff on Scene:**  
**Sheriff Dept Name:**  
**Other Contact?:**  
**Other on Scene?:**  
**Other Agency Name:**  
**Temp:** n/a  
**Wind:** n/a  
**City:** Lombard  
**State:** ILLINOIS  
**County:** DuPage  
**Milepost:**  
**Section:**  
**Township:**  
**Range:**  
**Latitude:**  
**Longitude:**

**Narrative:**

12/10/2007 10:30 Lms- Faxed to lepa, Nrtp, Osfm and region 4 (faxing to region 3)

**Spill Agency Information**

**Agency Notified:**  
**Notified Date/Time:** Jan 28 2010 10:04AM  
**Notification Action:** Contacted  
**Name of Person:** Dave Gorman

**Spill Material Information**

|                                     |                          |                            |                      |
|-------------------------------------|--------------------------|----------------------------|----------------------|
| <b>UN NA No:</b>                    | no                       | <b>Release Rate Min:</b>   | Unknown              |
| <b>CAS No:</b>                      | no                       | <b>Cause of Release:</b>   | Over fills or piping |
| <b>Chris Code:</b>                  | no                       | <b>302 A Extrm Haz?:</b>   | No                   |
| <b>Type:</b>                        | Liquid                   | <b>RCRA Haz Waste?:</b>    | No                   |
| <b>Name:</b>                        | Leaded Gasoline          | <b>RCRA Regulated?:</b>    | No                   |
| <b>Container Type:</b>              | Underground Storage Tank | <b>Est Spill Extent:</b>   | Unknown              |
| <b>Container Size:</b>              | 1,000 Gallon             | <b>Spill Extent Units:</b> |                      |
| <b>Amount Released:</b>             | Unknown                  | <b>Where Taken:</b>        | none                 |
| <b>Release Duration:</b>            |                          | <b>On Scene Contact:</b>   | Marty Keeley         |
| <b>Date Time Discover:</b>          | 12/10/2007 10:00         | <b>No of People Evac:</b>  |                      |
| <b>Check If Unknown Discovered:</b> |                          |                            |                      |
| <b>Date Time Incident Occurred:</b> |                          |                            |                      |
| <b>Check If Unknown Occurrence:</b> |                          |                            |                      |
| <b>Proper Safety Precautions:</b>   | none                     |                            |                      |
| <b>Assist Needed from State:</b>    | none                     |                            |                      |
| <b>Cleanup Actions and Plans:</b>   | Hired a contractor       |                            |                      |

**Site:** UNKNOWN  
 CHURHHILL WOODS PRESERVE LOMBARD/NEAR IL

SPILLS

|                                  |                             |                           |              |
|----------------------------------|-----------------------------|---------------------------|--------------|
| <b>Incident No:</b>              | 970947                      | <b>Contacted Police?:</b> |              |
| <b>Hazmat Incid Type:</b>        | OTHER/ILLEGAL DUMPING       | <b>Police on Scene?:</b>  |              |
| <b>Leaking UST:</b>              |                             | <b>Police Dept Name:</b>  |              |
| <b>Dt/Tm Occurred:</b>           |                             | <b>Sheriff Dept:</b>      |              |
| <b>Incident Rprt Date:</b>       | 5/30/1997 8:57:00 AM        | <b>Sheriff on Scene:</b>  |              |
| <b>Area Involved:</b>            | HIGHWAY/OTHER-CRESCENT BLVD | <b>Sheriff Dept Name:</b> |              |
| <b>Media or Medium:</b>          |                             | <b>Other Contact?:</b>    |              |
| <b>Incident County:</b>          | DUPAGE                      | <b>Other on Scene?:</b>   |              |
| <b>Entered by:</b>               |                             | <b>Other Agency Name:</b> |              |
| <b>Data Input Status:</b>        | CLOSED                      | <b>Temp:</b>              |              |
| <b>Caller:</b>                   | JERRY HARTWIG               | <b>Wind:</b>              |              |
| <b>Caller Represents:</b>        | FOREST PRESERV DIST/DUPGE   | <b>City:</b>              | LOMBARD/NEAR |
| <b>Facility Manager:</b>         |                             | <b>State:</b>             | ILLINOIS     |
| <b>Fac Manager Phone:</b>        |                             | <b>County:</b>            | DUPAGE       |
| <b>Contacted ESDA?:</b>          |                             | <b>Milepost:</b>          |              |
| <b>ESDA on Scene?:</b>           |                             | <b>Section:</b>           |              |
| <b>Spec ESDA Contact:</b>        |                             | <b>Township:</b>          |              |
| <b>Contact Fire Dept?:</b>       |                             | <b>Range:</b>             |              |
| <b>Fire Dept on Scene:</b>       |                             | <b>Latitude:</b>          |              |
| <b>Fire Dept Name:</b>           |                             | <b>Longitude:</b>         |              |
| <b>Name:</b>                     | UNKNOWN                     |                           |              |
| <b>Responsible Party Street:</b> |                             |                           |              |
| <b>Narrative:</b>                |                             |                           |              |

**Spill Material Information**

|                        |         |                          |                 |
|------------------------|---------|--------------------------|-----------------|
| <b>UN NA No:</b>       |         | <b>Release Rate Min:</b> |                 |
| <b>CAS No:</b>         |         | <b>Cause of Release:</b> | ILLEGAL DUMPING |
| <b>Chris Code:</b>     |         | <b>302 A Extrm Haz?:</b> |                 |
| <b>Type:</b>           | UNKNOWN | <b>RCRA Haz Waste?:</b>  |                 |
| <b>Name:</b>           | UNKNOWN | <b>RCRA Regulated?:</b>  |                 |
| <b>Container Type:</b> | DRUM    | <b>Est Spill Extent:</b> |                 |

**Container Size:** DRUM  
**Amount Released:** NONE  
**Release Duration:**  
**Date Time Discover:** 05/29/97 2030  
**Check If Unknown Discovered:**  
**Date Time Incident Occurred:**  
**Check If Unknown Occurrence:**  
**Proper Safety Precautions:** NONE  
**Assist Needed from State:**  
**Cleanup Actions and Plans:**

**Spill Extent Units:**  
**Where Taken:** -0-  
**On Scene Contact:**  
**No of People Evac:** -0-

**Site:** LOCAL 701 IBEW GENERAL PENSION  
 2326 N. MAIN STREET WHEATON IL

SPILLS

**Incident No:** 912208  
**Hazmat Incid Type:** LEAK  
**Leaking UST:**  
**Dt/Tm Occurred:**  
**Incident Rprt Date:** 8/8/1991 10:57:00 AM  
**Area Involved:** FIXED FACILITY  
**Media or Medium:**  
**Incident County:** DUPAGE  
**Entered by:**  
**Data Input Status:** CLOSED  
**Caller:** DENNIS MURPHY  
**Caller Represents:** LOCAL 701 IBEW GENERAL  
**Facility Manager:**  
**Fac Manager Phone:**  
**Contacted ESDA?:**  
**ESDA on Scene?:**  
**Spec ESDA Contact:**  
**Contact Fire Dept?:**  
**Fire Dept on Scene:**  
**Fire Dept Name:**  
**Name:** LOCAL 701 IBEW GENERAL PENSION  
**Responsible Party Street:**  
**Narrative:**

**Contacted Police?:**  
**Police on Scene?:**  
**Police Dept Name:**  
**Sheriff Dept:**  
**Sheriff on Scene:**  
**Sheriff Dept Name:**  
**Other Contact?:**  
**Other on Scene?:**  
**Other Agency Name:**  
**Temp:**  
**Wind:**  
**City:** WHEATON  
**State:** ILLINOIS  
**County:** DUPAGE  
**Milepost:**  
**Section:**  
**Township:**  
**Range:**  
**Latitude:**  
**Longitude:**

CALLER REP. CONT.: PENSION FUND

#### Spill Material Information

**UN NA No:**  
**CAS No:**  
**Chris Code:**  
**Type:** UNKNOWN  
**Name:** GASOLINE  
**Container Type:** UNDERGROUND TANK  
**Container Size:** UNDERGROUND TANK  
**Amount Released:**  
**Release Duration:**  
**Date Time Discover:** 08/08/91 1030  
**Check If Unknown Discovered:**  
**Date Time Incident Occurred:**  
**Check If Unknown Occurrence:**  
**Proper Safety Precautions:** NO  
**Assist Needed from State:**  
**Cleanup Actions and Plans:**

**Release Rate Min:**  
**Cause of Release:**  
**302 A Extrm Haz?:**  
**RCRA Haz Waste?:**  
**RCRA Regulated?:**  
**Est Spill Extent:**  
**Spill Extent Units:**  
**Where Taken:** -0-  
**On Scene Contact:**  
**No of People Evac:** -0-

**Site:** UNKNOWN  
 RIFORD & PARK ST CROSSING GLEN ELLYN IL

SPILLS

**Incident No:** 982474  
**Hazmat Incid Type:** SPILL  
**Leaking UST:**  
**Dt/Tm Occurred:**  
**Incident Rprt Date:** 10/6/1998 10:40:00 AM

**Contacted Police?:**  
**Police on Scene?:**  
**Police Dept Name:**  
**Sheriff Dept:**  
**Sheriff on Scene:**



**Area Involved:** RAIL  
**Media or Medium:**  
**Incident County:** DUPAGE  
**Entered by:**  
**Data Input Status:** CLOSED  
**Caller:** BRIDGET JACKSON  
**Caller Represents:** UNION PACIFIC RR  
**Facility Manager:**  
**Fac Manager Phone:**  
**Contacted ESDA?:**  
**ESDA on Scene?:**  
**Spec ESDA Contact:**  
**Contact Fire Dept?:**  
**Fire Dept on Scene:**  
**Fire Dept Name:**  
**Name:** UNKNOWN  
**Responsible Party Street:**  
**Narrative:**

**Sheriff Dept Name:**  
**Other Contact?:**  
**Other on Scene?:**  
**Other Agency Name:**  
**Temp:**  
**Wind:**  
**City:** GLEN ELLYN  
**State:** ILLINOIS  
**County:** DUPAGE  
**Milepost:**  
**Section:**  
**Township:**  
**Range:**  
**Latitude:**  
**Longitude:**

### Spill Material Information

**UN NA No:**  
**CAS No:**  
**Chris Code:**  
**Type:** UNKNOWN  
**Name:** WHITE GRANULAR SUBSTANCE  
**Container Type:** N/A  
**Container Size:** N/A  
**Amount Released:** UNKNOWN  
**Release Duration:**  
**Date Time Discover:** 10/06/98 0900  
**Check If Unknown Discovered:**  
**Date Time Incident Occurred:**  
**Check If Unknown Occurrence:**  
**Proper Safety Precautions:** NONE  
**Assist Needed from State:**  
**Cleanup Actions and Plans:**

**Release Rate Min:**  
**Cause of Release:** UNKNOWN  
**302 A Extrm Haz?:**  
**RCRA Haz Waste?:**  
**RCRA Regulated?:**  
**Est Spill Extent:**  
**Spill Extent Units:**  
**Where Taken:** NONE  
**On Scene Contact:**  
**No of People Evac:** NONE

**Site:** **Phillips 66 Wood River Refinery**  
**Phillips 66 Wood River Refinery Roxana IL**

SPILLS

**Incident No:** H-2014-0481  
**Hazmat Incid Type:** Leak or spill  
**Leaking UST:** No  
**Dt/Tm Occurred:** 2014-04-28 11:00  
**Incident Rprt Date:** 4/28/2014 1:00:05 PM  
**Area Involved:** Rail  
**Media or Medium:** Ground  
**Incident County:** Madison  
**Entered by:** Kattner, Paul (IEMA)  
**Data Input Status:** Closed  
**Caller:** Todd Funk  
**Caller Represents:** Norfolk Southern  
**Facility Manager:** Unknown by caller  
**Fac Manager Phone:** Unknown by caller  
**Contacted ESDA?:**  
**ESDA on Scene?:**  
**Spec ESDA Contact:** None  
**Contact Fire Dept?:**  
**Fire Dept on Scene:**  
**Fire Dept Name:** None  
**Name:** Phillips 66 Wood River Refinery  
**Responsible Party Street:** Unknown by caller  
**Narrative:**

**Contacted Police?:**  
**Police on Scene?:** None  
**Police Dept Name:**  
**Sheriff Dept:**  
**Sheriff on Scene:**  
**Sheriff Dept Name:** None  
**Other Contact?:**  
**Other on Scene?:**  
**Other Agency Name:** None  
**Temp:** 70 degrees  
**Wind:** Unknown  
**City:** Roxana  
**State:**  
**County:** Madison  
**Milepost:** M.P. #A7 of the Illinois Division  
**Section:** N/A  
**Township:** N/A  
**Range:** N/A  
**Latitude:** N/A  
**Longitude:** N/A

05/06/14 KS Received certified letter from Phillips 66 (Wood River Refinery) dated 04/03/14 stating the following:  
 Chemical released - Slurry Oil (CAS# 64741-62-4)  
 Quantity released - estimated 22 gallons

Date/time of release - Approx 1:45 PM to 3:00 PM on 04/24/14 and several hours on 04/28/14.  
 Cause of release - an above ground pipeline leaked.  
 Action taken - personnel place a half barrel under the leak and the pipeline was blocked for repair. Heritage Environmental Services cleaned up the spill.  
 Pipeline will be repaired and tested prior to being put back in service.  
 Health hazards - No known or anticipated exposure risks at this time.  
 Incident H2014-0465 is also a report of same leaking pipeline.

**Spill Agency Information**

**Agency Notified:** IEPA, OSFM, ICC, ISPC, IDOT Station #1, NRTD & IEMA Region #8  
**Notified Date/Time:** 2014-04-28 13:05  
**Notification Action:** Report Sent  
**Name of Person:** E-mailed

**Spill Material Information**

|                                     |                                                                                        |                            |         |
|-------------------------------------|----------------------------------------------------------------------------------------|----------------------------|---------|
| <b>UN NA No:</b>                    | Unknown                                                                                | <b>Release Rate Min:</b>   | Unknown |
| <b>CAS No:</b>                      | Unknown                                                                                | <b>Cause of Release:</b>   | Unknown |
| <b>Chris Code:</b>                  | Unknown                                                                                | <b>302 A Exrm Haz?:</b>    | Unknown |
| <b>Type:</b>                        | Liquid                                                                                 | <b>RCRA Haz Waste?:</b>    | Unknown |
| <b>Name:</b>                        | Slurry Oil                                                                             | <b>RCRA Regulated?:</b>    | Unknown |
| <b>Container Type:</b>              | Inactive Pipeline                                                                      | <b>Est Spill Extent:</b>   | Unknown |
| <b>Container Size:</b>              | Unknown                                                                                | <b>Spill Extent Units:</b> |         |
| <b>Amount Released:</b>             | 1 pint on Norfolk Southern Property.                                                   | <b>Where Taken:</b>        | N/A     |
| <b>Release Duration:</b>            | Unknown                                                                                | <b>On Scene Contact:</b>   | #1      |
| <b>Date Time Discover:</b>          | 2014-04-28 11:00                                                                       | <b>No of People Evac:</b>  | 0       |
| <b>Check If Unknown Discovered:</b> |                                                                                        |                            |         |
| <b>Date Time Incident Occurred:</b> | 2014-04-28 11:00                                                                       |                            |         |
| <b>Check If Unknown Occurrence:</b> |                                                                                        |                            |         |
| <b>Proper Safety Precautions:</b>   | None                                                                                   |                            |         |
| <b>Assist Needed from State:</b>    | None                                                                                   |                            |         |
| <b>Cleanup Actions and Plans:</b>   | Cleanup and remediation is being handled by Phillips 66 Wood River Refinery personnel. |                            |         |

**Site:** #3  
 535 EAST THORNHILL CAROL STREAM IL

SPILLS

|                                  |                       |                           |                                      |
|----------------------------------|-----------------------|---------------------------|--------------------------------------|
| <b>Incident No:</b>              | H 2001 1438           | <b>Contacted Police?:</b> | YES                                  |
| <b>Hazmat Incid Type:</b>        | LEAK OR SPILL         | <b>Police on Scene?:</b>  |                                      |
| <b>Leaking UST:</b>              |                       | <b>Police Dept Name:</b>  |                                      |
| <b>Dt/Tm Occurred:</b>           |                       | <b>Sheriff Dept:</b>      |                                      |
| <b>Incident Rpt Date:</b>        | 8/24/2001 12:00:00 AM | <b>Sheriff on Scene:</b>  |                                      |
| <b>Area Involved:</b>            | POND                  | <b>Sheriff Dept Name:</b> |                                      |
| <b>Media or Medium:</b>          |                       | <b>Other Contact?:</b>    | YES                                  |
| <b>Incident County:</b>          | DUPAGE                | <b>Other on Scene?:</b>   |                                      |
| <b>Entered by:</b>               |                       | <b>Other Agency Name:</b> | PUBLIC WORKS/CAROL STREAM PARK DIST. |
| <b>Data Input Status:</b>        | CLOSED                | <b>Temp:</b>              |                                      |
| <b>Caller:</b>                   |                       | <b>Wind:</b>              |                                      |
| <b>Caller Represents:</b>        |                       | <b>City:</b>              | CAROL STREAM                         |
| <b>Facility Manager:</b>         |                       | <b>State:</b>             | ILLINOIS                             |
| <b>Fac Manager Phone:</b>        |                       | <b>County:</b>            | DUPAGE                               |
| <b>Contacted ESDA?:</b>          |                       | <b>Milepost:</b>          |                                      |
| <b>ESDA on Scene?:</b>           |                       | <b>Section:</b>           |                                      |
| <b>Spec ESDA Contact:</b>        |                       | <b>Township:</b>          |                                      |
| <b>Contact Fire Dept?:</b>       |                       | <b>Range:</b>             |                                      |
| <b>Fire Dept on Scene:</b>       | YES                   | <b>Latitude:</b>          |                                      |
| <b>Fire Dept Name:</b>           | CAROL STREAM          | <b>Longitude:</b>         |                                      |
| <b>Name:</b>                     | #3                    |                           |                                      |
| <b>Responsible Party Street:</b> | 5 60188               |                           |                                      |
| <b>Narrative:</b>                |                       |                           |                                      |

1809 ADV. JIM O'BRIEN 1810 FAXED IEPA/SFM/REG.4/IDNR

**Spill Material Information**

|                                     |                                                                        |                            |         |
|-------------------------------------|------------------------------------------------------------------------|----------------------------|---------|
| <b>UN NA No:</b>                    | UNK                                                                    | <b>Release Rate Min:</b>   |         |
| <b>CAS No:</b>                      | UNK                                                                    | <b>Cause of Release:</b>   | 5 60188 |
| <b>Chris Code:</b>                  |                                                                        | <b>302 A Extrm Haz?:</b>   | UNKNOWN |
| <b>Type:</b>                        | UNKNOWN                                                                | <b>RCRA Haz Waste?:</b>    |         |
| <b>Name:</b>                        | UNK                                                                    | <b>RCRA Regulated?:</b>    |         |
| <b>Container Type:</b>              | UNKNOWN                                                                | <b>Est Spill Extent:</b>   | UNK     |
| <b>Container Size:</b>              | UNKNOWN                                                                | <b>Spill Extent Units:</b> |         |
| <b>Amount Released:</b>             | UNK                                                                    | <b>Where Taken:</b>        |         |
| <b>Release Duration:</b>            |                                                                        | <b>On Scene Contact:</b>   | #1      |
| <b>Date Time Discover:</b>          | 08/24/01 @ 12:00                                                       | <b>No of People Evac:</b>  | UNK     |
| <b>Check If Unknown Discovered:</b> |                                                                        |                            |         |
| <b>Date Time Incident Occurred:</b> |                                                                        |                            |         |
| <b>Check If Unknown Occurrence:</b> |                                                                        |                            |         |
| <b>Proper Safety Precautions:</b>   | UNK                                                                    |                            |         |
| <b>Assist Needed from State:</b>    | IEPA ASSISTANCE, ADV. IEPA JIM CLARK                                   |                            |         |
| <b>Cleanup Actions and Plans:</b>   | HIRED NORTHBRANCH ENVIRONMENTAL FOR EVALUATION/WAITING FOR IEPA ADVICE |                            |         |

**Site:** UNKNOWN  
 DUPAGE RIVER, EAST BRANCH FOREST RESERVE GLENDALE HEIGHTS IL

SPILLS

|                                  |                                   |                           |                  |
|----------------------------------|-----------------------------------|---------------------------|------------------|
| <b>Incident No:</b>              | H 2003 0116                       | <b>Contacted Police?:</b> |                  |
| <b>Hazmat Incid Type:</b>        | LEAK OR SPILL,UNKNOWN             | <b>Police on Scene?:</b>  |                  |
| <b>Leaking UST:</b>              |                                   | <b>Police Dept Name:</b>  |                  |
| <b>Dt/Tm Occurred:</b>           | Unknown @                         | <b>Sheriff Dept:</b>      |                  |
| <b>Incident Rprt Date:</b>       | 2/2/2003 12:00:00 AM              | <b>Sheriff on Scene:</b>  |                  |
| <b>Area Involved:</b>            | WATERWAY,DUPAGE RIVER,EAST BRANCE | <b>Sheriff Dept Name:</b> |                  |
| <b>Media or Medium:</b>          |                                   | <b>Other Contact?:</b>    |                  |
| <b>Incident County:</b>          | DUPAGE                            | <b>Other on Scene?:</b>   |                  |
| <b>Entered by:</b>               |                                   | <b>Other Agency Name:</b> |                  |
| <b>Data Input Status:</b>        | CLOSED                            | <b>Temp:</b>              |                  |
| <b>Caller:</b>                   | DUPAGE COUNTY FOREST PRESERVE     | <b>Wind:</b>              |                  |
| <b>Caller Represents:</b>        | DUPAGE COUNTY FOREST PRESERVE     | <b>City:</b>              | GLENDALE HEIGHTS |
| <b>Facility Manager:</b>         |                                   | <b>State:</b>             | ILLINOIS         |
| <b>Fac Manager Phone:</b>        |                                   | <b>County:</b>            | DUPAGE           |
| <b>Contacted ESDA?:</b>          |                                   | <b>Milepost:</b>          |                  |
| <b>ESDA on Scene?:</b>           |                                   | <b>Section:</b>           |                  |
| <b>Spec ESDA Contact:</b>        |                                   | <b>Township:</b>          |                  |
| <b>Contact Fire Dept?:</b>       |                                   | <b>Range:</b>             |                  |
| <b>Fire Dept on Scene:</b>       |                                   | <b>Latitude:</b>          |                  |
| <b>Fire Dept Name:</b>           |                                   | <b>Longitude:</b>         |                  |
| <b>Name:</b>                     | UNKNOWN                           |                           |                  |
| <b>Responsible Party Street:</b> |                                   |                           |                  |
| <b>Narrative:</b>                |                                   |                           |                  |

IEPA, NRTP AND REGION 4. 16:47 IDNR/WILLIS ADVISED AND WILL FAX.

#### Spill Material Information

|                                     |                        |                            |                |
|-------------------------------------|------------------------|----------------------------|----------------|
| <b>UN NA No:</b>                    |                        | <b>Release Rate Min:</b>   |                |
| <b>CAS No:</b>                      |                        | <b>Cause of Release:</b>   |                |
| <b>Chris Code:</b>                  |                        | <b>302 A Extrm Haz?:</b>   |                |
| <b>Type:</b>                        | UNKNOWN                | <b>RCRA Haz Waste?:</b>    |                |
| <b>Name:</b>                        | UNKNOWN                | <b>RCRA Regulated?:</b>    |                |
| <b>Container Type:</b>              |                        | <b>Est Spill Extent:</b>   | UNKNOWN        |
| <b>Container Size:</b>              |                        | <b>Spill Extent Units:</b> |                |
| <b>Amount Released:</b>             | UNKNOWN                | <b>Where Taken:</b>        |                |
| <b>Release Duration:</b>            |                        | <b>On Scene Contact:</b>   | OFFICER PUSSEY |
| <b>Date Time Discover:</b>          | 02/02/2003 @ 13:30     | <b>No of People Evac:</b>  | UNKNOWN        |
| <b>Check If Unknown Discovered:</b> |                        |                            |                |
| <b>Date Time Incident Occurred:</b> | Unknown @              |                            |                |
| <b>Check If Unknown Occurrence:</b> |                        |                            |                |
| <b>Proper Safety Precautions:</b>   | UNKNOWN                |                            |                |
| <b>Assist Needed from State:</b>    | NONE, TO BE DETERMINED |                            |                |
| <b>Cleanup Actions and Plans:</b>   | NEEDS TO BE DETERMINED |                            |                |

**Site:** UNKNOWN

## NORTHSIDE PARK WHEATON IL

SPILLS2

Incident ID: NL840506  
 Recieved Date: 5/15/1984  
 Action:  
 Action Descr:

Occured Date:  
 Incident Lust:  
 Incident County: DU PAGE

Site: BATTERY BUILDER  
 WHEATON INDUSTRIAL PARK WHEATON IL

SPILLS2

Incident ID: NL840942  
 Recieved Date: 9/27/1984  
 Action:  
 Action Descr:

Occured Date:  
 Incident Lust:  
 Incident County: WILL

Site: BATTERY BUILDER  
 WHEATON INDUSTRIAL PARK WHEATON IL

SPILLS2

Incident ID: NL840942  
 Recieved Date: 9/26/1984  
 Action:  
 Action Descr:

Occured Date:  
 Incident Lust:  
 Incident County: WILL

Site: Closed  
 22 West 555 Butterfield/Park Glen Ellyn IL 60137

UST

Facility No: 2022747  
 Facility Status: Du Page  
 Facility Type:  
 Motor Fuel Type: Self-Service Station  
 Owner Type:  
 Owner Name: BP Products North America, Inc.  
 Owner Status: Current Owner

Green Tag Decal: Private  
 Green Tag Issue Date: 06541  
 Green Tag Exp Dt: 11/24/1998  
 Mtr Fuel Perm Insp Dt: 12/31/2001  
 Mtr Fuel Perm Exp Dt:  
 Purchase Date: 1/1/1970  
 County: 22 West 555 Butterfield/ParkGlen Ellyn, IL  
 60137

Owner Address: P. O. Box 6038Environmental Compliance DepartmentArtesia, CA 90702  
 Type Financial Resp:  
 Fin Resp Rpt Due:  
 Permit History Link: <https://webapps.sfm.illinois.gov/USTPortal/Permit/FacilityPermitList/2022747>

Tank Information

Tank No: 3  
 Capacity: 10000  
 Status: Removed  
 Install Date: 30  
 Abandoned Date:  
 Last Used Date: 1/1/1970  
 Removed Date: 2/29/2000  
 Current Age: 4/25/1986  
 Petroleum Use:

Product: Gasoline  
 CERCLA Substance:  
 CAS Code:  
 OSFM First Notify Dt: Federal  
 Abandoned Material:  
 Red Tag Issue Date:  
 Product Date: 2/1/2000  
 Fee Due: \$0.00

Tank Information

Tank No: 4  
 Capacity: 10000  
 Status: Removed  
 Install Date: 30  
 Abandoned Date:  
 Last Used Date: 1/1/1970  
 Removed Date: 2/29/2000  
 Current Age: 4/25/1986  
 Petroleum Use:

Product: Gasoline  
 CERCLA Substance:  
 CAS Code:  
 OSFM First Notify Dt: Federal  
 Abandoned Material:  
 Red Tag Issue Date:  
 Product Date: 2/1/2000  
 Fee Due: \$0.00

Tank Information

**Tank No:** 5  
**Capacity:** 550  
**Status:** Removed  
**Install Date:** 12  
**Abandoned Date:**  
**Last Used Date:** 3/27/1987  
**Removed Date:** 2/29/2000  
**Current Age:** 4/4/1997  
**Petroleum Use:**

**Product:** Used Oil  
**CERCLA Substance:**  
**CAS Code:**  
**OSFM First Notify Dt:** Federal  
**Abandoned Material:**  
**Red Tag Issue Date:**  
**Product Date:** 2/1/2000  
**Fee Due:** \$0.00

Tank Information

**Tank No:** 1  
**Capacity:** 1000  
**Status:** Removed  
**Install Date:** 28  
**Abandoned Date:**  
**Last Used Date:**  
**Removed Date:** 12/1/1987  
**Current Age:** 4/25/1986  
**Petroleum Use:**

**Product:** Used Oil  
**CERCLA Substance:**  
**CAS Code:**  
**OSFM First Notify Dt:** Federal  
**Abandoned Material:**  
**Red Tag Issue Date:**  
**Product Date:**  
**Fee Due:** \$0.00

Tank Information

**Tank No:** 2  
**Capacity:** 10000  
**Status:** Removed  
**Install Date:** 30  
**Abandoned Date:**  
**Last Used Date:** 1/1/1970  
**Removed Date:** 2/29/2000  
**Current Age:** 4/25/1986  
**Petroleum Use:**

**Product:** Gasoline  
**CERCLA Substance:**  
**CAS Code:**  
**OSFM First Notify Dt:** Federal  
**Abandoned Material:**  
**Red Tag Issue Date:**  
**Product Date:** 2/1/2000  
**Fee Due:** \$0.00

Owner Summary

**Owner No:** U0023834  
**Owner Name:** BP Amoco

**Owner Status:** Former Owner  
**Purchase Date:** 4/13/1995

**Owner No:** U0027493  
**Owner Name:** Amoco Oil Company

**Owner Status:** Former Owner  
**Purchase Date:** 1/1/1970

**Owner No:** U0000552  
**Owner Name:** BP Products North America, Inc.

**Owner Status:** Current Owner  
**Purchase Date:** 1/1/1970

IEMA Numbers

**IEMA No:** Removal Log  
**IEMA Link:**

LUST Fund Eligibility

**IEMA No:** 00-0341  
**Status:** Eligible  
**OSFM Received Date:** 4/25/2005  
**IEMA Link:** <http://epadata.epa.state.il.us/land/ust/LIT-Display.asp?INCIDENT=20000341>

**OSFM Response Dt:** 6/7/2005  
**Deductible:** \$15,000  
**Letter:**

**Site:** Closed  
 2326 N Main St Wheaton IL 60532

UST

**Facility No:** 2027052  
**Facility Status:** Du Page

**Green Tag Decal:**  
**Green Tag Issue Date:**



**Facility Type:**  
**Motor Fuel Type:** None  
**Owner Type:**  
**Owner Name:** Ibew Local 701  
**Owner Status:** Current Owner  
**Owner Address:** 2326 N Main StWheaton, IL 60188  
**Type Financial Resp:**  
**Fin Resp Rpt Due:**  
**Permit History Link:** <https://webapps.sfm.illinois.gov/USTPortal/Permit/FacilityPermitList/2027052>

**Green Tag Exp Dt:**  
**Mtr Fuel Perm Insp Dt:**  
**Mtr Fuel Perm Exp Dt:**  
**Purchase Date:**  
**County:** 2326 N Main StWheaton, IL 60532

**Tank Information**

**Tank No:** 1  
**Capacity:** 1000  
**Status:** Removed  
**Install Date:** 24  
**Abandoned Date:**  
**Last Used Date:**  
**Removed Date:** 8/8/1991  
**Current Age:** 4/29/1991  
**Petroleum Use:**

**Product:** Gasoline  
**CERCLA Substance:**  
**CAS Code:**  
**OSFM First Notify Dt:** Federal  
**Abandoned Material:**  
**Red Tag Issue Date:**  
**Product Date:** 7/1/1991  
**Fee Due:**

**Owner Summary**

**Owner No:** U0017146  
**Owner Name:** Ibew Local 701

**Owner Status:** Current Owner  
**Purchase Date:**

## Appendix: Database Descriptions

*Environmental Risk Information Services (ERIS) can search the following databases. The extent of historical information varies with each database and current information is determined by what is publicly available to ERIS at the time of update. ERIS updates databases as set out in ASTM Standard E1527-13, Section 8.1.8 Sources of Standard Source Information:*

*"Government information from nongovernmental sources may be considered current if the source updates the information at least every 90 days, or, for information that is updated less frequently than quarterly by the government agency, within 90 days of the date the government agency makes the information available to the public."*

### Standard Environmental Record Sources

#### Federal

##### National Priority List:

NPL

National Priorities List (Superfund)-NPL: EPA's (United States Environmental Protection Agency) list of the most serious uncontrolled or abandoned hazardous waste sites identified for possible long-term remedial action under the Superfund program. The NPL, which EPA is required to update at least once a year, is based primarily on the score a site receives from EPA's Hazard Ranking System. A site must be on the NPL to receive money from the Superfund Trust Fund for remedial action.

**Government Publication Date: Dec 12, 2018**

##### National Priority List - Proposed:

PROPOSED NPL

Includes sites proposed (by the EPA, the state, or concerned citizens) for addition to the NPL due to contamination by hazardous waste and identified by the Environmental Protection Agency (EPA) as a candidate for cleanup because it poses a risk to human health and/or the environment.

**Government Publication Date: Dec 12, 2018**

##### Deleted NPL:

DELETED NPL

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

**Government Publication Date: Dec 12, 2018**

##### SEMS List 8R Active Site Inventory:

SEMS

The Superfund Program has deployed the Superfund Enterprise Management System (SEMS), which integrates multiple legacy systems into a comprehensive tracking and reporting tool. This inventory contains active sites evaluated by the Superfund program that are either proposed to be or are on the National Priorities List (NPL) as well as sites that are in the screening and assessment phase for possible inclusion on the NPL. The Active Site Inventory Report displays site and location information at active SEMS sites. An active site is one at which site assessment, removal, remedial, enforcement, cost recovery, or oversight activities are being planned or conducted.

**Government Publication Date: Nov 14, 2018**

##### Inventory of Open Dumps, June 1985:

ODI

The Resource Conservation and Recovery Act (RCRA) provides for publication of an inventory of open dumps. The Act defines "open dumps" as facilities which do not comply with EPA's "Criteria for Classification of Solid Waste Disposal Facilities and Practices" (40 CFR 257).

**Government Publication Date: Jun 1985**

##### SEMS List 8R Archive Sites:

SEMS ARCHIVE

The Superfund Enterprise Management System (SEMS) Archived Site Inventory displays site and location information at sites archived from SEMS. An archived site is one at which EPA has determined that assessment has been completed and no further remedial action is planned under the Superfund program at this time.

**Government Publication Date: Nov 14, 2018**

**Comprehensive Environmental Response, Compensation and Liability Information System -**

CERCLIS

**CERCLIS:**

Superfund is a program administered by the United States Environmental Protection Agency (EPA) to locate, investigate, and clean up the worst hazardous waste sites throughout the United States. CERCLIS is a database of potential and confirmed hazardous waste sites at which the EPA Superfund program has some involvement. It contains sites that are either proposed to be or are on the National Priorities List (NPL) as well as sites that are in the screening and assessment phase for possible inclusion on the NPL. The EPA administers the Superfund program in cooperation with individual states and tribal governments; this database is made available by the EPA.

**Government Publication Date: Oct 25, 2013**

**EPA Report on the Status of Open Dumps on Indian Lands:**

IODI

Public Law 103-399, The Indian Lands Open Dump Cleanup Act of 1994, enacted October 22, 1994, identified congressional concerns that solid waste open dump sites located on American Indian or Alaska Native (AI/AN) lands threaten the health and safety of residents of those lands and contiguous areas. The purpose of the Act is to identify the location of open dumps on Indian lands, assess the relative health and environment hazards posed by those sites, and provide financial and technical assistance to Indian tribal governments to close such dumps in compliance with Federal standards and regulations or standards promulgated by Indian Tribal governments or Alaska Native entities.

**Government Publication Date: Dec 31, 1998**

**CERCLIS - No Further Remedial Action Planned:**

CERCLIS NFRAP

An archived site is one at which EPA has determined that assessment has been completed and no further remedial action is planned under the Superfund program at this time. The Archive designation means that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list this site on the National Priorities List (NPL). This decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be a potential NPL site.

**Government Publication Date: Oct 25, 2013**

**CERCLIS Liens:**

CERCLIS LIENS

A Federal Superfund lien exists at any property where EPA has incurred Superfund costs to address contamination ("Superfund site") and has provided notice of liability to the property owner. A Federal CERCLA ("Superfund") lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. This database is made available by the United States Environmental Protection Agency (EPA).

**Government Publication Date: Jan 30, 2014**

**RCRA CORRACTS-Corrective Action:**

RCRA CORRACTS

RCRA Info is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. At these sites, the Corrective Action Program ensures that cleanups occur. EPA and state regulators work with facilities and communities to design remedies based on the contamination, geology, and anticipated use unique to each site.

**Government Publication Date: Dec 17, 2018**

**RCRA non-CORRACTS TSD Facilities:**

RCRA TSD

RCRA Info is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. This database includes Non-Corrective Action sites listed as treatment, storage and/or disposal facilities of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA).

**Government Publication Date: Dec 17, 2018**

**RCRA Generator List:**

RCRA LQG

RCRA Info is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. RCRA Info replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System (RCRIS) and the Biennial Reporting System (BRS). A hazardous waste generator is any person or site whose processes and actions create hazardous waste (see 40 CFR 260.10). Large Quantity Generators (LQGs) generate 1,000 kilograms per month or more of hazardous waste or more than one kilogram per month of acutely hazardous waste.

**Government Publication Date: Dec 17, 2018**

**RCRA Small Quantity Generators List:**

RCRA SQG

RCRA Info is the EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. RCRA Info replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System (RCRIS) and the Biennial Reporting System (BRS). A hazardous waste generator is any person or site whose processes and actions create hazardous waste (see 40 CFR 260.10). Small Quantity Generators (SQGs) generate more than 100 kilograms, but less than 1,000 kilograms, of hazardous waste per month.

**Government Publication Date: Dec 17, 2018**

**RCRA Conditionally Exempt Small Quantity Generators List:**

RCRA CESQG

RCRA Info is the EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. RCRA Info replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System (RCRIS) and the Biennial Reporting System (BRS). A hazardous waste generator is any person or site whose processes and actions create hazardous waste (see 40 CFR 260.10). Conditionally Exempt Small Quantity Generators (CESQG) generate 100 kilograms or less per month of hazardous waste or one kilogram or less per month of acutely hazardous waste.

**Government Publication Date: Dec 17, 2018**

**RCRA Non-Generators:**

RCRA NON GEN

RCRA Info is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. RCRA Info replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System (RCRIS) and the Biennial Reporting System (BRS). A hazardous waste generator is any person or site whose processes and actions create hazardous waste (see 40 CFR 260.10). Non-Generators do not presently generate hazardous waste.

**Government Publication Date: Dec 17, 2018**

**Federal Engineering Controls-ECs:**

FED ENG

Engineering controls (ECs) encompass a variety of engineered and constructed physical barriers (e.g., soil capping, sub-surface venting systems, mitigation barriers, fences) to contain and/or prevent exposure to contamination on a property. This database is made available by the United States Environmental Protection Agency (EPA).

**Government Publication Date: Jan 20, 2016**

**Federal Institutional Controls- ICs:**

FED INST

Institutional controls are non-engineered instruments, such as administrative and legal controls, that help minimize the potential for human exposure to contamination and/or protect the integrity of the remedy. Although it is EPA's (United States Environmental Protection Agency ) expectation that treatment or engineering controls will be used to address principal threat wastes and that groundwater will be returned to its beneficial use whenever practicable, ICs play an important role in site remedies because they reduce exposure to contamination by limiting land or resource use and guide human behavior at a site.

**Government Publication Date: Jan 20, 2016**

**Emergency Response Notification System:**

ERNS 1982 TO 1986

Database of oil and hazardous substances spill reports controlled by the National Response Center. The primary function of the National Response Center is to serve as the sole national point of contact for reporting oil, chemical, radiological, biological, and etiological discharges into the environment anywhere in the United States and its territories.

**Government Publication Date: 1982-1986**

**Emergency Response Notification System:**

ERNS 1987 TO 1989

Database of oil and hazardous substances spill reports controlled by the National Response Center. The primary function of the National Response Center is to serve as the sole national point of contact for reporting oil, chemical, radiological, biological, and etiological discharges into the environment anywhere in the United States and its territories.

**Government Publication Date: 1987-1989**

**Emergency Response Notification System:**

ERNS

Database of oil and hazardous substances spill reports controlled by the National Response Center. The primary function of the National Response Center is to serve as the sole national point of contact for reporting oil, chemical, radiological, biological, and etiological discharges into the environment anywhere in the United States and its territories. This database is made available by the United States Environmental Protection Agency (EPA).

**Government Publication Date: Sep 24, 2018**

**The Assessment, Cleanup and Redevelopment Exchange System (ACRES) Brownfield Database:**

FED BROWNFIELDS

Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties protects the environment, reduces blight, and takes development pressures off greenspaces and working lands. This database is made available by the United States Environmental Protection Agency (EPA).

**Government Publication Date: Jan 11, 2019**

**FEMA Underground Storage Tank Listing:**

FEMA UST

The Federal Emergency Management Agency (FEMA) of the Department of Homeland Security maintains a list of FEMA owned underground storage tanks.

**Government Publication Date: Dec 31, 2017**

**LIEN on Property:**

SEMS LIEN

The EPA Superfund Enterprise Management System (SEMS) provides LIEN information on properties under the EPA Superfund Program.

**Government Publication Date: Nov 14, 2018**

**Superfund Decision Documents:**

SUPERFUND ROD

This database contains a listing of decision documents for Superfund sites. Decision documents serve to provide the reasoning for the choice of (or) changes to a Superfund Site cleanup plan. The decision documents include Records of Decision (ROD), ROD Amendments, Explanations of Significant Differences (ESD), along with other associated memos and files. This information is maintained and made available by the US EPA (Environmental Protection Agency).

**Government Publication Date: Nov 14, 2018**

**State****State Response Action Program Database:**

SSU

The State Response Action Program database identifies the status of all sites under the responsibility of the Illinois EPA's State Sites Unit. The State Response Action Program database made available by Illinois Environmental Protection Agency. This database is state equivalent CERCLIS.

**Government Publication Date: Jan 8, 2019**

**Delisted State Response Action Program:**

DELISTED SSU

List of sites removed from the State Response Action Program database identifies the status of all sites under the responsibility of the Illinois EPA's State Sites Unit.

**Government Publication Date: Jan 8, 2019**

**Solid Waste Landfills Subject to State Surcharge Database:**

SWF/LF

The Bureau of Land maintains a list of solid waste facilities and landfills throughout the state. This list made available by Illinois Environmental Protection Agency's Bureau of land.

**Government Publication Date: Mar 2, 2018**

**Special Waste Site List:**

SWF/LF SPECIAL

The following landfills are those that as of January 1, 1990, accept non-hazardous special waste pursuant to the Illinois Environmental Protection Agency Non-Hazardous Special Waste Definition. List A includes landfills that may receive any non-hazardous waste. Non-Regional Pollutant Control Facilities are so noted. List B includes landfills designed to receive specific non-hazardous wastes. List B landfills are designated as a Regional Pollutant Control Facility by RPCF, or Non-regional Pollutant Control Facility by Non-RPCF.

**Government Publication Date: Jan 1, 1990**

**Northeastern Illinois Planning Commission Historical Inventory of Solid Waste Disposal Sites in Northeastern Illinois:**

NIPC

Historical inventory of solid waste disposal sites in northeastern Illinois prepared by the Northeastern Illinois Planning Commission (NIPC).

**Government Publication Date: Dec 1987**

**Clean Construction or Demolition Debris:**

CCDD

This is a list of CCDD Fill Operations with Approved Permits. Beginning July 1, 2008, no person can use CCDD as fill material in a current or former quarry, mine, or other excavation unless they have obtained a permit from the Illinois EPA.

**Government Publication Date: Apr 30, 2018**

**Leaking Underground Storage Tanks (LUST):**

LUST

The Leaking Underground Storage Tank Incident Tracking (LIT) database identifies the status of all Illinois LUST incidents reported to the Illinois Emergency Management Agency (IEMA) and to the Illinois Environmental Protection Agency.

**Government Publication Date: Jan 9, 2019**



**Delisted Leaking Underground Storage Tank Sites:**

DELISTED LUST

List of sites removed from the Leaking Underground Storage Tank Incident Tracking (LIT) database made available by the Illinois Environmental Protection Agency.

*Government Publication Date: Jan 9, 2019*

**Underground Storage Tank Fund Payment Priority List:**

LUST TRUST

In case sufficient funds are not available in the Underground Storage Tank Fund, requests for payment are entered on the Payment Priority List by "queue date" order. As required by the Environmental Protection Act, the queue date is the date that a complete request for partial or final payment was received by the Agency. The queue date is "officially" confirmed at the end of the payment review process when a Final Decision Letter is sent to the site owner. The Underground Storage Tank Fund Priority list made available by Illinois Environmental Protection Agency.

*Government Publication Date: Nov 01, 2016*

**Underground Storage Tank Database (UST):**

UST

This database maintained by Division of Petroleum & Chemical Safety, contains information derived from tank registration information supplied to the Office of the Illinois State Fire Marshal (OSFM) from outside sources.

*Government Publication Date: Jan 9, 2019*

**Aboveground Storage Tanks (AST):**

AST

A list of aboveground storage tanks inspected by the Office of State Fire Marshal (OSFM).

*Government Publication Date: Dec 31, 2018*

**Delisted Storage Tanks:**

DELISTED TANK

This database contains a list of closed storage tank sites that were removed from the Illinois Department of Environmental Quality.

*Government Publication Date: Jan 9, 2019*

**Sites with Engineering Controls:**

ENG

Sites in the Illinois Environmental Protection Agency (IEPA)'s Site Remediation Program (SRP) database with engineering controls in place.

*Government Publication Date: Dec 28, 2018*

**Institutional Controls:**

INST

Sites in the Illinois Environmental Protection Agency (IEPA)'s Site Remediation Program (SRP) database with institutional controls in place.

*Government Publication Date: Dec 28, 2018*

**Illinois Site Remediation Program Database:**

SRP

The Site Remediation Program (SRP) database identifies the status of all voluntary remediation projects administered through the Pre-Notice Site Cleanup Program (1989 to 1995) and the Site Remediation Program (1996 to the present). This Site Remediation program database made available by Illinois Environmental Protection Agency.

*Government Publication Date: Dec 28, 2018*

**Brownfields Redevelopment Assessment Database:**

BROWNFIELDS

The Office of Site Evaluations Redevelopment Assessment database identifies the status of properties within the State in which the Illinois EPA's Office of Site Evaluation has conducted a Municipal Brownfields Redevelopment Grant (MBRG) project.

*Government Publication Date: Nov 23, 2018*

**Municipal Brownfields Redevelopment Grant Program (MBRGP) project sites administered through**

BROWN MBRGP

**OBA:**

The Office of Brownfields Assistance (OBA) database identifies the status of all Municipal Brownfields Redevelopment Grant Program (MBRGP) project sites administered through OBA. Office of Brownfields Assistance Database search made available by Illinois Environmental Protection Agency's Bureau of Land Data-Center.

*Government Publication Date: Mar 31, 2013*

**Tribal****Leaking Underground Storage Tanks on Indian Lands:**

INDIAN LUST

List of Leaking Underground Storage Tanks (LUSTs) on Tribal/Indian Lands in EPA Region 5, which includes Michigan, Minnesota and Wisconsin. There no LUST records in Illinois at this time.

Government Publication Date: Oct 16, 2017

**Underground Storage Tanks (USTs) on Indian Lands:**

INDIAN UST

Underground Storage Tanks (USTs) on Tribal/Indian Lands in EPA Region 5. There are no UST records in Illinois at this time.

Government Publication Date: Oct 16, 2017

**Delisted Tribal Leaking Storage Tanks:**

DELISTED ILST

Leaking Underground Storage Tank facilities which have been removed from the Regional Tribal LUST lists made available by the EPA.

Government Publication Date: Oct 14, 2017

**Delisted Tribal Underground Storage Tanks:**

DELISTED IUST

Underground Storage Tank facilities which have been removed from the Regional Tribal UST lists made available by the EPA.

Government Publication Date: Oct 14, 2017

**County**

**Chicago Storage Tanks:**

TANKS CHICAGO

This dataset contains Aboveground Storage Tank (AST) and Underground Storage Tank (UST) information from the City of Chicago Department of Public Health's (CDPH) Tank Asset Database. The Tank Asset Database contains tank information from CDPH AST and UST permit applications as well as UST records imported from the historic City of Chicago Department of Environment (DOE) database. This dataset also includes AST records from the historic DOE and pre-1992 UST records from the Building Department.

Government Publication Date: Jan 21, 2019

**Chicago Environmental Permits:**

PERMITS CHICAGO

Permits issued by the City of Chicago Department of Environment (DOE) from January 1993 to December 31, 2011 and by the City of Chicago Department of Public Health (CDPH) since January 1, 2012. On January 1, 2012, the DOE was disbanded and all its inspection, permitting, and enforcement authorities were transferred to the CDPH.

Government Publication Date: Jan 9, 2019

**Additional Environmental Record Sources**

**Federal**

**Facility Registry Service/Facility Index:**

FINDS/FRS

The US Environmental Protection Agency (EPA)'s Facility Registry System (FRS) is a centrally managed database that identifies facilities, sites or places subject to environmental regulations or of environmental interest. FRS creates high-quality, accurate, and authoritative facility identification records through rigorous verification and management procedures that incorporate information from program national systems, state master facility records, data collected from EPA's Central Data Exchange registrations and data management personnel.

Government Publication Date: Oct 17, 2018

**Toxics Release Inventory (TRI) Program:**

TRIS

The EPA's Toxics Release Inventory (TRI) is a database containing data on disposal or other releases of over 650 toxic chemicals from thousands of U.S. facilities and information about how facilities manage those chemicals through recycling, energy recovery, and treatment. One of TRI's primary purposes is to inform communities about toxic chemical releases to the environment.

Government Publication Date: Dec 31, 2017

**Hazardous Materials Information Reporting System:**

HMIRS

US DOT - Department of Transportation Pipeline and Hazardous Materials Safety Administration (PHMSA) Incidents Reports Database taken from Hazmat Intelligence Portal, U.S. Department of Transportation.

Government Publication Date: May 23, 2018

**National Clandestine Drug Labs:**

NCDL

The U.S. Department of Justice ("the Department") provides this data as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy.

**Government Publication Date: Jul 18, 2018**

**Toxic Substances Control Act:**

**TSCA**

The Environmental Protection Agency (EPA) is amending the Toxic Substances Control Act (TSCA) section 8(a) Inventory Update Reporting (IUR) rule and changing its name to the Chemical Data Reporting (CDR) rule.

The CDR enables EPA to collect and publish information on the manufacturing, processing, and use of commercial chemical substances and mixtures (referred to hereafter as chemical substances) on the TSCA Chemical Substance Inventory (TSCA Inventory). This includes current information on chemical substance production volumes, manufacturing sites, and how the chemical substances are used. This information helps the Agency determine whether people or the environment are potentially exposed to reported chemical substances. EPA publishes submitted CDR data that is not Confidential Business Information (CBI).

**Government Publication Date: Jun 30, 2017**

**Hist TSCA:**

**HIST TSCA**

The Environmental Protection Agency (EPA) is amending the Toxic Substances Control Act (TSCA) section 8(a) Inventory Update Reporting (IUR) rule and changing its name to the Chemical Data Reporting (CDR) rule.

The 2006 IUR data summary report includes information about chemicals manufactured or imported in quantities of 25,000 pounds or more at a single site during calendar year 2005. In addition to the basic manufacturing information collected in previous reporting cycles, the 2006 cycle is the first time EPA collected information to characterize exposure during manufacturing, processing and use of organic chemicals. The 2006 cycle also is the first time manufacturers of inorganic chemicals were required to report basic manufacturing information.

**Government Publication Date: Dec 31, 2006**

**FTTS Administrative Case Listing:**

**FTTS ADMIN**

An administrative case listing from the Federal Insecticide, Fungicide, & Rodenticide Act (FIFRA) and Toxic Substances Control Act (TSCA), together known as FTTS. This database was obtained from the Environmental Protection Agency's (EPA) National Compliance Database (NCDB). The FTTS and NCDB was shut down in 2006.

**Government Publication Date: Jan 19, 2007**

**FTTS Inspection Case Listing:**

**FTTS INSP**

An inspection case listing from the Federal Insecticide, Fungicide, & Rodenticide Act (FIFRA) and Toxic Substances Control Act (TSCA), together known as FTTS. This database was obtained from the Environmental Protection Agency's (EPA) National Compliance Database (NCDB). The FTTS and NCDB was shut down in 2006.

**Government Publication Date: Jan 19, 2007**

**Potentially Responsible Parties List:**

**PRP**

Early in the cleanup process, the Environmental Protection Agency (EPA) conducts a search to find the potentially responsible parties (PRPs). EPA looks for evidence to determine liability by matching wastes found at the site with parties that may have contributed wastes to the site.

**Government Publication Date: Dec 20, 2018**

**State Coalition for Remediation of Drycleaners Listing:**

**SCRD DRYCLEANER**

The State Coalition for Remediation of Drycleaners (SCRD) was established in 1998, with support from the U.S. Environmental Protection Agency (EPA) Office of Superfund Remediation and Technology Innovation. Coalition members are states with mandated programs and funding for drycleaner site remediation. Current members are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

**Government Publication Date: Nov 08, 2017**

**Integrated Compliance Information System (ICIS):**

**ICIS**

The Integrated Compliance Information System (ICIS) is a system that provides information for the Federal Enforcement and Compliance (FE&C) and the National Pollutant Discharge Elimination System (NPDES) programs. The FE&C component supports the Environmental Protection Agency's (EPA) Civil Enforcement and Compliance program activities. These activities include Compliance Assistance, Compliance Monitoring and Enforcement. The NPDES program supports tracking of NPDES permits, limits, discharge monitoring data and other program reports.

**Government Publication Date: Nov 18, 2016**

**Drycleaner Facilities:**

**FED DRYCLEANERS**

A list of drycleaner facilities from the Integrated Compliance Information System (ICIS). The Environmental Protection Agency (EPA) tracks facilities that possess NAIC and SIC codes that classify businesses as drycleaner establishments.

Government Publication Date: May 29, 2018

**Delisted Drycleaner Facilities:**

[DELISTED FED DRY](#)

List of sites removed from the list of Drycleaner Facilities (sites in the EPA's Integrated Compliance Information System (ICIS) with NAIC or SIC codes identifying the business as a drycleaner establishment).

Government Publication Date: May 29, 2018

**Formerly Used Defense Sites:**

[FUDS](#)

Formerly Used Defense Sites (FUDS) are properties that were formerly owned by, leased to, or otherwise possessed by and under the jurisdiction of the Secretary of Defense prior to October 1986, where the Department of Defense (DoD) is responsible for an environmental restoration. This list is published by the U.S. Army Corps of Engineers.

Government Publication Date: Oct 23, 2018

**Material Licensing Tracking System (MLTS):**

[MLTS](#)

A list of sites that store radioactive material subject to the Nuclear Regulatory Commission (NRC) licensing requirements. This list is maintained by the NRC. As of September 2016, the NRC no longer releases location information for sites. Site locations were last received in July 2016.

Government Publication Date: Nov 1, 2018

**Historic Material Licensing Tracking System (MLTS) sites:**

[HIST MLTS](#)

A historic list of sites that have inactive licenses and/or removed from the Material Licensing Tracking System (MLTS). In some cases, a site is removed from the MLTS when the state becomes an "Agreement State". An Agreement State is a State that has signed an agreement with the Nuclear Regulatory Commission (NRC) authorizing the State to regulate certain uses of radioactive materials within the State.

Government Publication Date: Jan 31, 2010

**Mines Master Index File:**

[MINES](#)

The Master Index File (MIF) contains mine identification numbers issued by the Department of Labor Mine Safety and Health Administration (MSHA) for mines active or opened since 1971. Note that addresses may or may not correspond with the physical location of the mine itself.

Government Publication Date: Jan 30, 2018

**Alternative Fueling Stations:**

[ALT FUELS](#)

List of alternative fueling stations made available by the US Department of Energy's Office of Energy Efficiency & Renewable Energy. Includes Biodiesel stations, Ethanol (E85) stations, Liquefied Petroleum Gas (Propane) stations, Ethanol (E85) stations, Natural Gas stations, Hydrogen stations, and Electric Vehicle Supply Equipment (EVSE). The National Renewable Energy Laboratory (NREL) obtains information about new stations from trade media, Clean Cities coordinators, a Submit New Station form on the Station Locator website, and through collaborating with infrastructure equipment and fuel providers, original equipment manufacturers (OEMs), and industry groups.

Government Publication Date: Jan 15, 2019

**Registered Pesticide Establishments:**

[SSTS](#)

List of active EPA-registered foreign and domestic pesticide-producing and device-producing establishments based on data from the Section Seven Tracking System (SSTS). The Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) Section 7 requires that facilities producing pesticides, active ingredients, or devices be registered. The list of establishments is made available by the EPA.

Government Publication Date: Mar 1, 2018

**Polychlorinated Biphenyl (PCB) Notifiers:**

[PCB](#)

Facilities included in the national list of facilities that have notified the United States Environmental Protection Agency (EPA) of Polychlorinated Biphenyl (PCB) activities. Any company or person storing, transporting or disposing of PCBs or conducting PCB research and development must notify the EPA and receive an identification number.

Government Publication Date: Sep 14, 2018

**State**

**Spills and Incidents:**

[SPILLS](#)

A list of reports taken by Illinois Emergency Management Agency (IEMA) of Hazardous Material spills in Illinois.

Government Publication Date: Aug 3, 2018

**Emergency Response Releases & Spills Database:**

SPILLS2

The Office of Emergency Response (OER) maintains the Emergency Response Releases & Spills Database.

The Emergency Operations Unit, within OER, coordinates Illinois EPA's response to environmental emergencies involving oil or hazardous materials and ensures that any environmental contamination is cleaned up. EOU works with other response agencies including the Illinois Emergency Management Agency (IEMA), which is the initial contact for responses to an emergency or disaster in Illinois.

**Government Publication Date: Sep 12, 2018**

**Dry Cleaning Facilities:**

DRYCLEANERS

A list of licensed drycleaners facilities provided by Drycleaner Environmental Response Trust Fund of Illinois.

**Government Publication Date: Dec 4, 2018**

**Tier 2 Report:**

TIER 2

List of facilities who submit Tier II forms to the Illinois Emergency Management Agency (IEMA).

**Government Publication Date: Jul 12, 2018**

**Delisted Drycleaners:**

DELISTED DRYCLEANERS

List of sites removed from the drycleaners database made available by the Drycleaner Environmental Response Trust Fund of Illinois.

**Government Publication Date: Dec 4, 2018**

**Clandestine Drug Labs:**

CDL

List of clandestine drug lab locations made available by the Illinois Department of Public Health. The Department maintains a list of properties from reports it receives from the Illinois State Police through the Illinois Emergency Management Agency.

**Government Publication Date: Sep 14, 2018**

**Tribal**

**No Tribal additional environmental record sources available for this State.**

**County**

**No County additional environmental record sources available for this State.**



## Definitions

**Database Descriptions:** This section provides a detailed explanation for each database including: source, information available, time coverage, and acronyms used. They are listed in alphabetic order.

**Detail Report:** This is the section of the report which provides the most detail for each individual record. Records are summarized by location, starting with the project property followed by records in closest proximity.

**Distance:** The distance value is the distance between plotted points, not necessarily the distance between the sites' boundaries. All values are an approximation.

**Direction:** The direction value is the compass direction of the site in respect to the project property and/or center point of the report.

**Elevation:** The elevation value is taken from the location at which the records for the site address have been plotted. All values are an approximation. Source: Google Elevation API.

**Executive Summary:** This portion of the report is divided into 3 sections:

'Report Summary'- Displays a chart indicating how many records fall on the project property and, within the report search radii.

'Site Report Summary'-Project Property'- This section lists all the records which fall on the project property. For more details, see the 'Detail Report' section.

'Site Report Summary-Surrounding Properties'- This section summarizes all records on adjacent properties, listing them in order of proximity from the project property. For more details, see the 'Detail Report' section.

**Map Key:** The map key number is assigned according to closest proximity from the project property. Map Key numbers always start at #1. The project property will always have a map key of '1' if records are available. If there is a number in brackets beside the main number, this will indicate the number of records on that specific property. If there is no number in brackets, there is only one record for that property.

The symbol and colour used indicates 'elevation': the red inverted triangle will dictate 'ERIS Sites with Lower Elevation', the yellow triangle will dictate 'ERIS Sites with Higher Elevation' and the orange square will dictate 'ERIS Sites with Same Elevation.'

**Unplottables:** These are records that could not be mapped due to various reasons, including limited geographic information. These records may or may not be in your study area, and are included as reference.



BLUFF CITY MATERIALS, INC

2252 SOUTHWIND BLVD  
BARTLETT, IL 60103

12 March 2019

Michelle Lipinski P.E.  
Rubino Engineering, Inc  
655 Tollgate Road, Unit H  
Elgin, IL 60123  
Phone: 847-931-1555 ext 12  
Cell: 708-214-2425  
Via Email: michelle.lipinski@rubinoeng.com

Re: Letter of Acceptance  
Soil Testing  
535 Duane St. Glen Ellyn CCDD Testing

Dear Ms. Lipinski:

Bluff City Materials has reviewed the Rubino Engineering LPC-663 certification and supporting documents for the project located at 535 Duane St. in Glen Ellyn, IL. Based on the project information provided in your LPC-663 certification, Bluff City Materials agrees to accept the following material at our facilities located in Elgin and Lake in the Hills IL. The following material is excluded-

- Material within the red area depicted on page 2 map.

Bluff City Materials is permitted by the IEPA to accept this material and our IEPA Permit number is CCDD2007-028-DE/OP. Our facility complies with all local zoning codes and all applicable local, state and federal rules and regulations.

If you have any questions, please contact me at 630.497.8700 x 289

Sincerely,

Andy Paxson  
Bluff City Materials  
Environmental Assessments



**rubino**  
ENGINEERING INC.

425 Shepard Drive  
Elgin, Illinois 60123

Project Name:  
Project Location:

Client:  
Rubino Project # :

Glen Ellyn Civic Center Parking Structure

535 Duane Street  
Glen Ellyn, Illinois 60137

Mortenson Company  
G19.004

CCDD  
Testing  
Plan



PHASE 1  
PHASE 2

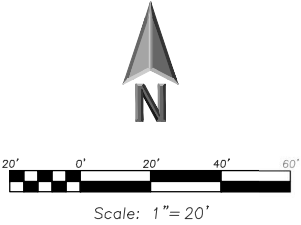
| SITE AREA TABULATION          |               |                       |                              |
|-------------------------------|---------------|-----------------------|------------------------------|
| PROPERTY                      | PIN           | SITE DISTURBANCE (SF) | NET NEW IMPERVIOUS AREA (SF) |
| Civic Center 535 Duane        | 05-11-328-024 | 44,714                | 1,817                        |
| Main Street Plaza 423 Main    | 05-11-328-003 | 3,028                 | 498                          |
| Sushi Ukai                    | 05-11-328-004 | 400                   | 0                            |
| Nobel House                   | 05-11-328-005 | 451                   | 0                            |
| Elyn Beauty                   | 05-11-328-006 | 237                   | 0                            |
| First United Methodist Church | 05-11-328-025 | 1050                  | 0                            |
| TOTAL                         |               | 49,495                | 2,315                        |

SITE DATA

- Gross Site Area = 77,662.24 Sq. Ft. (1.78 Ac.)
- Common Open Space = 6,970 Sq. Ft.
- Total Gross Floor Area Of Parking Structure (Parking) = 108,977 Sq. Ft.
- Total Gross Floor Area Of Existing Civic Center (Office) = 45,206 Sq. Ft.
- Floor Area Ratio: FAR = 154,183/77,662.24 = 1.99
- PUD Lot 1 Area (Zoned C5B) = 74,634.24 (1.71 Ac.)
- PUD Lot 2 Area (Zoned C5A) = 3,028 Sq. Ft. (0.07 Ac.)
- PUD Phase 1 Area = 66,064 Sq. Ft.
- PUD Phase 2 Area = 11,598.24 Sq. Ft.
- Parking - New Stalls On Site:
  - Parking Structure: 277 Stalls
  - North Surface Lot: 10 Stalls
  - Parking - Lost Stalls On Site:
  - Existing Surface Lot: 75 Stalls
  - Parking - Net Parking Gain On Site:
    - Civic Center Parking: 212 Stalls
    - Parking On-street:
      - Lost Stalls On Duane Due To Project (Note Count Is Same Under Existing Conditions And Future Streetscape Conditions): 1 Stall
      - Lost Stalls On Main Due To Project (Note Count Is Same Under Existing Conditions And Future Streetscape Conditions): 2 Stalls
- Parking - Civic Center + On-street:
  - Net Stall Increase For Village Of Glen Elyn Parking Due To Garage Project = 209 Stalls.
- Parking - Number of Parking Stalls Required per Section 10-4-17-2(G):
  - Civic Center = 45,206 Sq. Ft./250 Sq.Ft./stall = 181 Stalls

GEOMETRY NOTES

- All Dimensions Contained Herein Reference Back Of Curb, Face Of Retaining Wall, Edge Of Pavement, Center Of Structure And Outside Face Of Building Foundation Unless Otherwise Noted.
- All Pavement Striping Shall Be 4" Wide Yellow Paint Per Specifications. All Cross Hatch Striping Shall Be 45° At 2'-0" Centers.
- All Accessible Parking Signs (87-8) Must Be Placed at the Center of the Space and Within 5 Feet of the Space.
- Refer to Architectural Drawings for Exact Locations of All Buildings.
- Refer to Architectural Drawings for Locations and Details of All Permanent Site Fencing.
- Traffic Sign Posts Shall Be Breakaway Green U-Channel Posts, 2-1/2" Dia. 11 Gauge Steel, Embedded 42" Minimum Into Ground.



| LEGEND                                                                                              |                                      |
|-----------------------------------------------------------------------------------------------------|--------------------------------------|
| EXISTING                                                                                            | PROPOSED                             |
| Manhole                                                                                             | Manhole                              |
| Catch Basin                                                                                         | Catch Basin                          |
| Area Drain                                                                                          | Area Drain                           |
| Clean Out                                                                                           | Clean Out                            |
| Flared End Section                                                                                  | Flared End Section                   |
| Storm Sewer                                                                                         | Storm Sewer                          |
| Sanitary Sewer                                                                                      | Sanitary Sewer                       |
| Combined Sewer                                                                                      | Combined Sewer                       |
| Water Main                                                                                          | Water Main                           |
| Gas Line                                                                                            | Gas Line                             |
| Overhead Wires                                                                                      | Overhead Wires                       |
| Electrical Cable (Buried)                                                                           | Electrical Cable (Buried)            |
| Telephone Line                                                                                      | Telephone Line                       |
| Fire Hydrant                                                                                        | Fire Hydrant                         |
| Valve Vault                                                                                         | Valve Vault                          |
| Buffer Box                                                                                          | Buffer Box                           |
| Fire Department Connection                                                                          | Fire Department Connection           |
| Downspout                                                                                           | Downspout                            |
| Ballvalve                                                                                           | Ballvalve                            |
| Gas Valve                                                                                           | Gas Valve                            |
| Gas Meter                                                                                           | Gas Meter                            |
| Electric Meter                                                                                      | Electric Meter                       |
| Corr'd Manhole                                                                                      | Corr'd Manhole                       |
| Hand Hole                                                                                           | Hand Hole                            |
| Light Pole w/ Mast Arm                                                                              | Light Pole w/ Mast Arm               |
| Utility Pole                                                                                        | Utility Pole                         |
| Telephone Pedestal                                                                                  | Telephone Pedestal                   |
| Telephone Manhole                                                                                   | Telephone Manhole                    |
| Sign                                                                                                | Sign                                 |
| Fence                                                                                               | Fence                                |
| Accessible Parking Stall                                                                            | Accessible Parking Stall             |
| Curb & Gutter                                                                                       | Curb & Gutter                        |
| Depressed Curb                                                                                      | Depressed Curb                       |
| Curb Elevation                                                                                      | Curb Elevation                       |
| Gutter Elevation                                                                                    | Gutter Elevation                     |
| Pavement Elevation                                                                                  | Pavement Elevation                   |
| Sidewalk Elevation                                                                                  | Sidewalk Elevation                   |
| Ground Elevation                                                                                    | Ground Elevation                     |
| Top of Retaining Wall Elevation                                                                     | Top of Retaining Wall Elevation      |
| Scale                                                                                               | Scale                                |
| Contour Line                                                                                        | Contour Line                         |
| Deciduous Tree                                                                                      | Deciduous Tree                       |
| Coniferous Tree                                                                                     | Coniferous Tree                      |
| Brushline                                                                                           | Brushline                            |
| Tree Protection Fencing at Drip Line                                                                | Tree Protection Fencing at Drip Line |
| PAVING & SURFACE LEGEND                                                                             |                                      |
| Asphalt Pavement Section in Right-Of-Way                                                            |                                      |
| Notch Existing Pavement Section or Restoring per Village of Glen Elyn Roadway Patching Requirements |                                      |
| Concrete Driveway Section                                                                           |                                      |
| 6" Portland Cement Concrete                                                                         |                                      |
| Fiber Mesh Reinforcement                                                                            |                                      |
| 8" Aggregate Base Course, Type B, Crushed                                                           |                                      |
| Concrete Sidewalk Section                                                                           |                                      |
| 5" Portland Cement Concrete                                                                         |                                      |
| Fiber Mesh Reinforcement                                                                            |                                      |
| 4" Aggregate Base Course, Type B, Crushed                                                           |                                      |
| Permeable Paver Section                                                                             |                                      |
| Refer to Section Details                                                                            |                                      |
| Stormwater Overland Flow Path                                                                       |                                      |

GENERAL NOTES

- The Location of Existing Underground Utilities, Such As Watermain, Sewers, Gas Lines, Etc., As Shown On The Plans, Has Been Determined From The Best Available Information and is Given For The Convenience of The Contractor. However, The Owner and The Engineer Do Not Assume Responsibility in The Event That During Construction, Utilities Other Than Those Shown May Be Encountered, and That The Actual Location of Those Which Are Shown May Be Different From The Location As Shown On The Drawings. Contact Engineer Immediately If Surface and/or Subsurface Features Are Different Than Shown On The Drawings.
- Notify The Engineer Without Delay of Any Discrepancies Between the Drawings and Existing Field Conditions.
- Notify The Owner, Engineer and The Village of Glen Elyn A Minimum of 48 Hours in Advance of Performing Any Work.
- All Areas, On or Off Site, Disturbed During Construction Operations and Not Part of the Work As Shown Hereon Shall Be Restored To Original Condition to the Satisfaction of the Owner at No Additional Cost to the Owner. It is Incumbent Upon Contractor to Show That Damaged Areas Were Not Disturbed By Construction Operations.
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- No Person May Utilize The Information Contained Within These Drawings Without Written Approval From Eriksson Engineering Associates, Ltd.
- The Engineer is Furnishing These Drawings For Construction Purposes As A Convenience To The Owner, Architect, Surveyor or Contractor. Prior To The Use Of These Drawings For Construction Purposes, The User Of This Media Shall Verify All Dimensions and Locations of Buildings With The Foundation Drawings And Architectural Site Plan, and Coordinate All Dimensions and Locations of All Site Items. If Conflicts Exist The User Of This Information Shall Contact The Engineer Immediately.
- Provide An As-built Survey Prepared By A Licensed Professional Land Surveyor in Accordance With The Authorities Having Jurisdiction Which Shall Include As a Minimum All Detention Basins and Best Management Practices, Include All Storm and Sanitary Sewers, Structure Locations, Sizes, Rim and Invert Elevations, Final Detention Volume Calculations For The Basin(s), Watermain and Valve and Appurtenance Locations.
- The Illinois Department Of Transportation Standard Specifications For Road And Bridge Construction, Latest Edition, And All Addenda Thereto, Shall Govern The Work And Paving Work Under This Contract Unless Noted Otherwise.

Design Builder:  
**Mortenson**  
M. A. MORTENSON COMPANY  
300 Park Boulevard, Suite 100  
Itasca, IL 60143  
Tel: 847.981.8600  
www.mortenson.com

Design Consultants:  
**WALKER CONSULTANTS**  
Parking Consultant / Structural Engineer  
2895 Greenspoint Parkway, Suite 600  
Hoffman Estates IL 60169  
Tel: 847.697.2640  
www.walkerconsultants.com  
LICENSE NO. 184.000947-0006

**SHIVEHATTERY**  
ARCHITECTURE+ENGINEERING  
Architect / MEP - FF Engineer  
440 North Wells Street, Suite 320  
Chicago, IL 60664  
Tel: 312.324.6500  
www.shive-hattery.com  
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Tel: 847.223.4804  
www.eea-llc.com  
LICENSE NO. 184.000232-0002

THOMAS OWEN BROWN  
052-058881  
07.19.19  
EXPIRATION DATE: 11.30.19



VILLAGE OF GLEN ELYN  
PUBLIC PARKING GARAGE

535 Duane Street  
Glen Elyn, IL 60137

| MARK       | DATE                   | REVISIONS |
|------------|------------------------|-----------|
| 10/11/2019 | ZONING SUBMITTAL NO. 5 |           |
| 08/29/2019 | ZONING SUBMITTAL NO. 4 |           |

ISSUE: ZONING SUBMITTAL NO. 6  
ISSUE DATE: 11/14/2019  
PROJECT NO: 31-845.00  
DRAWN BY: TOS  
CHECKED BY: SDC

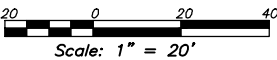
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SHEET TITLE:  
GLEN ELYN CIVIC CENTER  
CAMPUS FINAL PLANNED UNIT  
DEVELOPMENT PLAN - PHASE 1

C-200

ALTA/NSPS LAND TITLE SURVEY

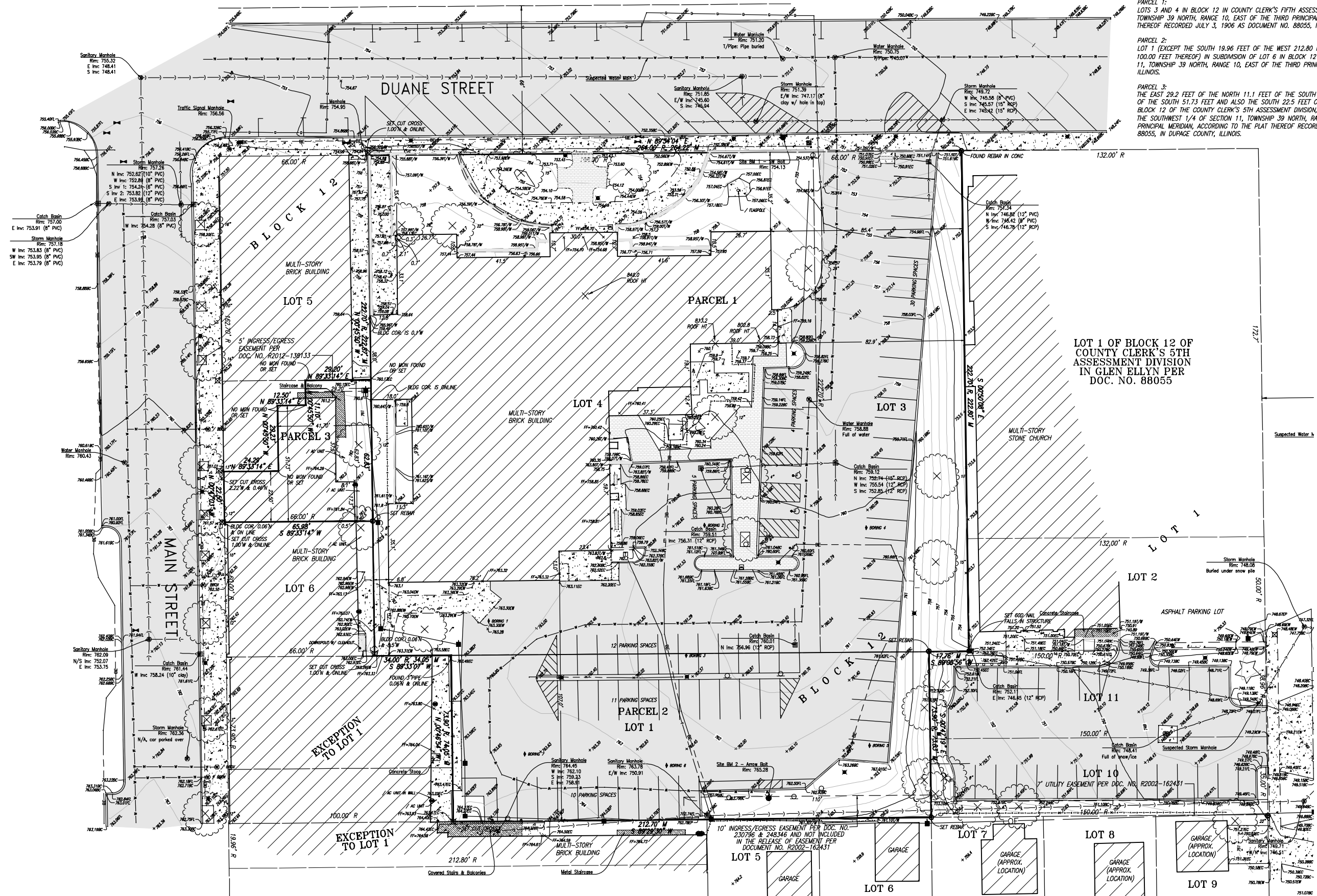
Legal Description



PARCEL 1:  
LOTS 3 AND 4 IN BLOCK 12 IN COUNTY CLERK'S FIFTH ASSESSMENT DIVISION, IN SECTION 11, TOWNSHIP 39 NORTH, RANGE 10, EAST OF THE THIRD PRINCIPAL MERIDIAN, ACCORDING TO THE PLAT THEREOF RECORDED JULY 3, 1906 AS DOCUMENT NO. 88055, IN DUPAGE COUNTY, ILLINOIS;

PARCEL 2:  
LOT 1 (EXCEPT THE SOUTH 19.96 FEET OF THE WEST 212.80 FEET THEREOF AND EXCEPT THE WEST 100.00 FEET THEREOF) IN SUBDIVISION OF LOT 6 IN BLOCK 12 IN ASSESSMENT DIVISION OF SECTION 11, TOWNSHIP 39 NORTH, RANGE 10, EAST OF THE THIRD PRINCIPAL MERIDIAN, IN DUPAGE COUNTY, ILLINOIS.

PARCEL 3:  
THE EAST 29.2 FEET OF THE NORTH 11.1 FEET OF THE SOUTH 62.83 FEET AND THE EAST 41.7 FEET OF THE SOUTH 51.73 FEET AND ALSO THE SOUTH 22.5 FEET OF THE WEST 24.3 FEET OF LOT 5 IN BLOCK 12 OF THE COUNTY CLERK'S 5TH ASSESSMENT DIVISION, IN THE VILLAGE OF GLEN ELLYN, IN THE SOUTHWEST 1/4 OF SECTION 11, TOWNSHIP 39 NORTH, RANGE 10, EAST OF THE THIRD PRINCIPAL MERIDIAN, ACCORDING TO THE PLAT THEREOF RECORDED JULY 13, 1906 AS DOCUMENT NO. 88055, IN DUPAGE COUNTY, ILLINOIS.



**DLZ**  
INDUSTRIAL SURVEYING, INC.  
80 McDONALD AVENUE, UNIT D, JOLIET, IL 60431  
TELEPHONE (815) 725-8840 FAX (815) 725-8849

**BENCHMARKS:**  
BENCHMARK - DK3188 SURVEY DISK LOCATED AT THE SOUTHWEST CORNER OF MAIN STREET AND CRESCENT BLVD.  
ELEVATION = 745.28 NAVD 88  
SITE BM1 - SOUTHWEST BOLT ON FIRE HYDRANT AS SHOWN HEREON  
ELEVATION = 754.13 NAVD 88  
SITE BM2 - ARROW BOLT ON FIRE HYDRANT AS SHOWN HEREON  
ELEVATION = 765.28 NAVD 88

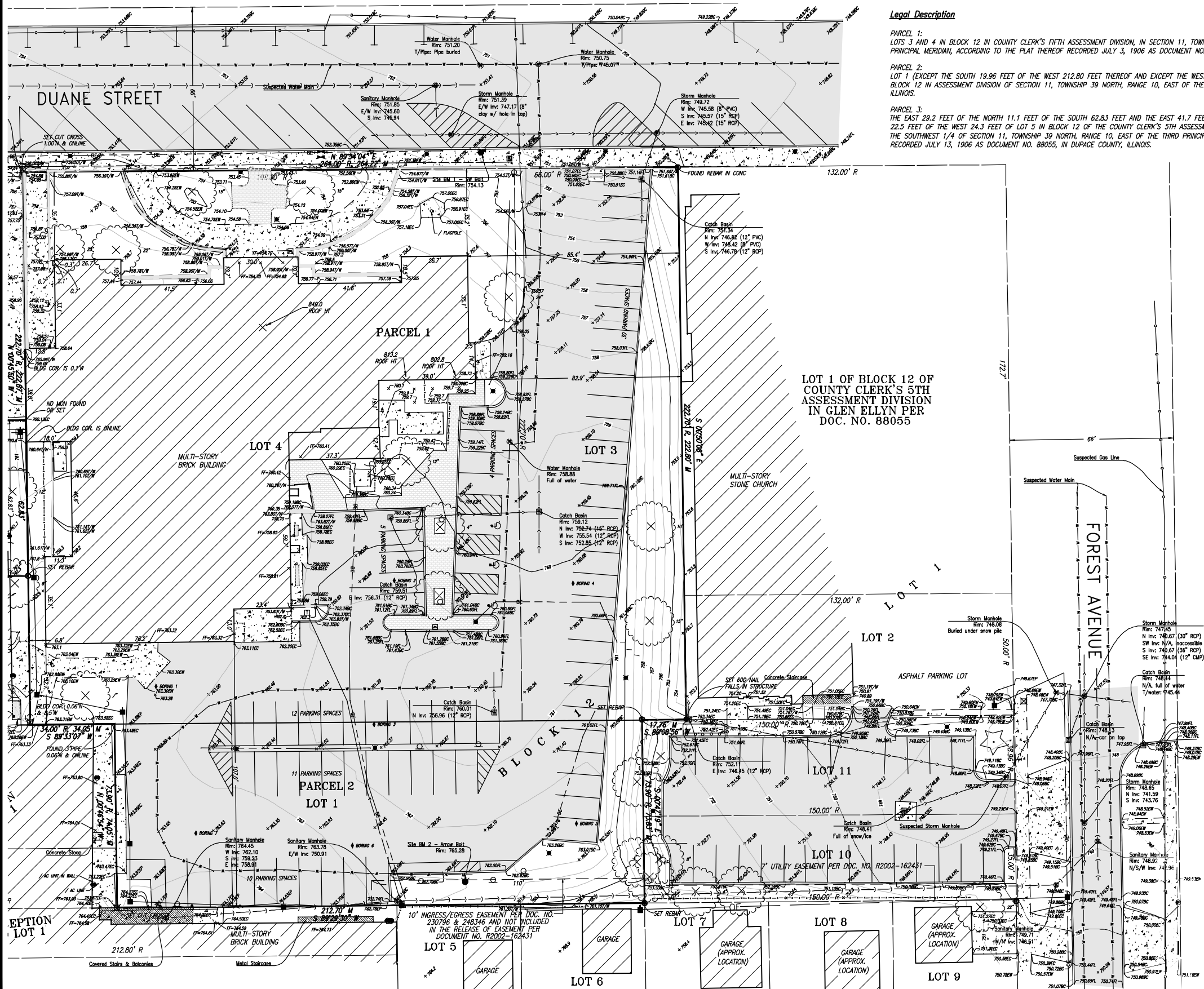
GLEN ELLYN  
**M.A. MORTENSON COMPANY**  
**GLEN ELLYN PARKING GARAGE**  
**535 DUANE ST**  
**ALTA/NSPS LAND TITLE SURVEY**

| DRAWN: CSH            | CHK'D: ECC | NO. | REVISION | BY | DATE |
|-----------------------|------------|-----|----------|----|------|
| DESIGNED: APPR'D: ECC |            |     |          |    |      |
| DATE: 07/02/19        |            |     |          |    |      |
| SCALE: 1" = 20'       |            |     |          |    |      |
| PROJECT NUMBER        |            |     |          |    |      |
| 1950-7005             |            |     |          |    |      |

|                |          |
|----------------|----------|
| SHEET          | 1        |
| OF             | 2        |
| DRAWING NUMBER | 7005ALTA |
| Packet Pg. 784 |          |



## ALTA/NSPS LAND TITLE SURVEY



## Legal Description

PARCEL 1:  
LOTS 3 AND 4 IN BLOCK 12 IN COUNTY CLERK'S FIFTH ASSESSMENT DIVISION, IN SECTION 11, TOWNSHIP 39 NORTH, RANGE 10, EAST OF THE THIRD PRINCIPAL MERIDIAN, ACCORDING TO THE PLAT THEREOF RECORDED JULY 3, 1906 AS DOCUMENT NO. 88055, IN DUPAGE COUNTY, ILLINOIS;

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Scale: 1" = 20'

## LEGEND

|  |                             |  |                            |
|--|-----------------------------|--|----------------------------|
|  | CUT CROSS                   |  | GROUND SPOT ELEVATION      |
|  | STORM MANHOLE               |  | HARD SURFACE ELEVATION     |
|  | SANITARY MANHOLE            |  | EDGE OF CONCRETE ELEVATION |
|  | WATER MANHOLE               |  | EDGE OF PAVEMENT ELEVATION |
|  | CATCH BASIN                 |  | EDGE OF WALK ELEVATION     |
|  | MANHOLE                     |  | ELEVATION AT FLOWLINE      |
|  | WATER SHUTOFF VALVE         |  | BACK OF CURB ELEVATION     |
|  | FIRE HYDRANT                |  | TOP OF WALL ELEVATION      |
|  | LIGHT POLE                  |  | EXISTING CONTOUR           |
|  | POWER POLE                  |  | STORM LINE                 |
|  | TELEPHONE PEDESTAL          |  | SANITARY LINE              |
|  | GAS SHUTOFF VALVE           |  | WATER LINE                 |
|  | HANDHOLE                    |  | BURIED ELECTRIC LINE       |
|  | ELECTRIC METER              |  | OVERHEAD ELECTRIC LINE     |
|  | GUY ANCHOR                  |  | TELEPHONE LINE             |
|  | SIGN                        |  | GAS LINE                   |
|  | BOLLARD                     |  | FIBER OPTIC LINE           |
|  | DECIDUOUS TREE W/ DIAMETER  |  | PROPERTY LINE              |
|  | CONIFEROUS TREE W/ DIAMETER |  | EASEMENT                   |
|  | SOIL BORING                 |  | CONCRETE                   |
|  | DOWNSPOUT                   |  | PAVEMENT                   |
|  |                             |  | BUILDING                   |
|  |                             |  | BRICK                      |
|  |                             |  | GRATING                    |
|  |                             |  | WALL                       |
|  |                             |  | STAIR/BALCONY AREAS        |

## Notes:

- Parcels 1 and 2 were prepared with the benefit of Property Insight's Easement Search, Order No. 86670411-JMM Dated March 27, 2019. Parcel 3 did not have a title search done, therefore all easements affecting Parcel may not be shown hereon.
- This Survey was filed on January 25, 2019. Topography Survey of an area requested by the Client.
- The horizontal datum is the Illinois State Plane Coordinate System East Zone NAD 83 and the vertical datum is NAVD 88.
- For building restrictions as established by local ordinances not shown hereon, consult your local municipal authorities.
- Do not scale dimensions from this map.
- Call U.L.L.E. at 1-800-892-0123 for field location of all underground utilities prior to any digging or construction.
- Utilities and improvements shown hereon based on visible field verified structures and utility markings by others.
- Compare all points in field prior to any construction and report any discrepancies to surveyor at once.
- The Surveyed Parcels lie within Zone X (areas determined to be outside the 0.2% annual chance floodplain) as graphically depicted on FEMA Flood Insurance Rate Map Number 17043C0503H, Effective Date December 16, 2004.
- The Surveyed Parcels are also known as P.I.N. 05-11-328-024 and 05-11-328-003.
- Parcel 1 is subject to the Terms and Conditions contained in the Communications Site Lease Agreement made between Village of Glen Ellyn and Nextel Communications. The Lease Space lies in the attic of the clock tower, per Document No. R2000-199153 dated December 20, 2000, and Memorandum of Agreement dated February 1, 2001 as Document No. R2001-017654.
- Parcels 1 & 2 are subject to the Terms and Conditions contained in the Memorandum of License Agreement made between Village of Glen Ellyn and Chicago SMSA Limited Partnership dated May 11, 2012 as Document No. R2012-128459.
- Parcel 3 is subject to the Terms and Conditions contained in the Easement Agreement between Shonkwiller and Trust #3378, recorded October 3, 2012 as Document No. R2012-138133.
- Parcels 1 & 2 Local Address is 535 Duane Street and Parcel 3 is 423 N. Main Street, Glen Ellyn, IL 60137.
- Utilities shown on Main Street were marked under U.L.L.E. Dig Ticket A1752874.
- The Local Address for Parcels 1 and 2 is 535 Duane Street, Glen Ellyn, IL 60137 and Parcel 3 is 423 Main Street, Glen Ellyn, IL 60137.
- Parcels 1 and 2 contain 1.713 acres more or less, Parcel 3 contains 0.070 acres more or less.
- The surveyed parcels contain 72 regular parking spaces and 3 handicap spaces.

State of Illinois

County of Will

Certified to:  
Village of Glen Ellyn, an Illinois Municipal Corporation.

This is to certify that this map or plat and the survey on which it is based were made in accordance with the 2016 Minimum Standard Detail Requirements for ALTA/NSPS Land Title Surveys, jointly established and adopted by ALTA and NSPS, and includes items 1, 2, 4, 7(a), and 19 of Table 'A' thereof.

The Field work completed on June 25th, 2019.

Dated this 2nd day of July, 2019.

Eric C. Cox, Illinois Professional Land Surveyor No. 035-3604  
Renewal Date: November 30, 2020  
DLZ Professional Design Firm 184.002815



## BENCHMARKS:

BENCHMARK - DK3188 SURVEY DISK LOCATED AT THE SOUTHWEST CORNER OF MAIN STREET AND CRESCENT BLVD.  
ELEVATION = 745.28 NAVD 88

SITE BM1 - SOUTHWEST BOLT ON FIRE HYDRANT AS SHOWN HEREON  
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ELEVATION = 765.28 NAVD 88

GLEN ELLYN

M.A. MORTENSON COMPANY  
GLEN ELLYN PARKING GARAGE

535 DUANE ST  
ALTA/NSPS LAND TITLE SURVEY

ILLINOIS

DRAWN: CSH

CHK'D: ECC

DESIGNED: APPR'D: ECC

DATE: 07/02/19

SCALE: 1" = 20'

PROJECT NUMBER

1950-7005

NO.

REVISION

BY

DATE

SHEET 2

OF 2

DRAWING NUMBER

7005ALTA

## LEGAL DESCRIPTION

### **535 DUANE STREET**

LOTS 3 AND 4 IN BLOCK 12 IN COUNTY CLERK'S FIFTH ASSESSMENT DIVISION, IN SECTION 11, TOWNSHIP 39 NORTH, RANGE 10, EAST OF THE THIRD PRINCIPAL MERIDIAN, ACCORDING TO THE PLAT THEREOF RECORDED JULY 3, 1906 AS DOCUMENT NUMBER 88055, IN DUPAGE COUNTY, ILLINOIS; AND

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P.I.N.: 05-11-328-024; and

### **423 N. MAIN STREET**

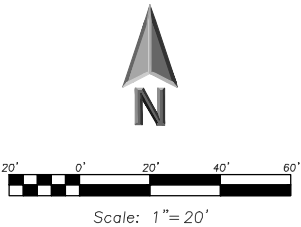
THE EAST 29.2 OF THE NORTH 11.1 FEET OF THE SOUTH 62.83 FEET AND THE EAST 41.7 FEET OF THE SOUTH 51.73 FEET AND ALSO THE SOUTH 22.5 FEET OF THE WEST 24.3 FEET OF LOT 5 IN BLOCK 12 OF THE COUNTY CLERK'S FIFTH ASSESSMENT DIVISION, IN THE VILLAGE OF GLEN ELLYN, IN THE SOUTHWEST  $\frac{1}{4}$  OF SECTION 11, TOWNSHIP 39 NORTH, RANGE 10, EAST OF THE THIRD PRINCIPAL MERIDIAN, ACCORDING TO THE PLAT THEREOF RECORDED JULY 3, 1906 AS DOCUMENT NUMBER 88055, IN DUPAGE COUNTY, ILLINOIS.

P.I.N.: 05-11-328-003



DEMOLITION NOTES

- All Signs to be Removed Shall be Salvaged and Stored in the Owner's Facility for Future Use as Applicable.
- Keep All Village Streets Free and Clear of Construction Related Dirt/Dust/Debris.
- Coordinate Existing Utility Removal with Local Authorities and Utility Companies Having Jurisdiction.
- Coordinate Removal of Overhead Wires and Utility Poles with Authorities Having Jurisdiction and Respective Utility Providers.
- The Existing Building is to Remain Operational During Construction. Therefore, the Temporary Relocation of All Necessary Utilities Serving the Existing Building Shall be Coordinated Prior to the Commencement of Construction Operations.
- All Sawcutting Shall be Full Depth to Provide a Clean Edge to Match New Construction. Match Existing Elevations at Points of Connection for New and Existing Pavement, Curb, Sidewalks, etc. All Sawcut Locations Shown Are Approximate and May Be Field Adjusted to Accommodate Conditions, Joints, Material Type, etc. Remove Minimum Amount Necessary for Installation of Proposed Improvements.
- Provide and Maintain All Necessary Traffic Control and Safety Measures Required During Demolition and Construction Operations Within or Near the Public Roadway.
- All Light Poles to be Removed From Private Property Shall be Removed in Their Entirety, Including Base and All Appurtenances. Coordinate Abandonment of Electrical Lines with Electrical Engineer and Owner Prior to Demolition.
- Perform Tree Pruning in All Locations Where Proposed Pavement and/or Utility Installation Encroach Within The Existing Drip Line of Trees to Remain. All Trenching Within the Drip Line of Existing Trees to Remain Shall be Done Radially Away From Trunk. If Roots in Excess of 1" Diameter are Exposed, Roots Must be Cut By Reproducible Tree Pruning Service Prior To Any Transverse Trenching. Obtain Approval of the Architect Prior to Operations For A Variance From This Procedure.
- Coordinate Tree Removal with Landscape Architect. All Trees to be Removed Shall be Removed in Their Entirety and Stumps Shall be Ground to Proposed Subgrade. Use As Much for Proposed Landscaping Where Applicable and Acceptable to Architect.
- Provide Tree Protection Fencing Prior to Construction Operations. Maintain Throughout Construction.



LEGEND

| EXISTING | PROPOSED |
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DEMOLITION LEGEND

|  |                                        |
|--|----------------------------------------|
|  | Utility Line Removal                   |
|  | Blurred Pavement Removal (Full Depth)  |
|  | Concrete Pavement Removal (Full Depth) |
|  | Paver Removal (Full Depth)             |
|  | Pavement Sawcut                        |
|  | Curb & Gutter Removal                  |
|  | Structure Removal                      |
|  | Tree Removal                           |

GENERAL NOTES

- The Location of Existing Underground Utilities, Such as Watermain, Sewers, Gas Lines, Etc., as Shown On The Plans, Has Been Determined From The Best Available Information and is Given for the Convenience of the Contractor. However, The Owner and The Engineer Do Not Assume Responsibility in The Event That During Construction, Utilities Other Than Those Shown May be Encountered, and That The Actual Location of Those Which are Shown May be Different From The Location as Shown On The Drawings. Contact Engineer Immediately if Surface and/or Subsurface Features are Different Than Shown On The Drawings.
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- The Illinois Department of Transportation Standard Specifications For Road And Bridge Construction Latest Edition, And All Addenda Thereto, Shall Govern The Earthwork And Paving Work Under This Contract Unless Noted Otherwise.

Design Builder:



Design Consultants:



Parking Consultant / Structural Engineer

2895 Greentown Parkway, Suite 600  
Hoffman Estates, IL 60169  
Tel: 847.697.2640  
www.walkerconsultants.com  
LICENSE NO. 184.000947-0006



Architect / MEP - PP Engineer

440 North Wells Street, Suite 320  
Chicago, IL 60654  
Tel: 312.324.5500  
www.shive-hattery.com  
LICENSE NO. 184.000214-0015



Civil Engineering / Landscape Architecture

145 Commerce Drive, Suite A  
Graylake, IL 60939  
Tel: 847.223.4804  
www.eea-3d.com  
LICENSE NO. 184.003220-0002



EXPIRATION DATE: 11/30/19



VILLAGE OF GLEN ELLYN  
PUBLIC PARKING GARAGE

535 Duane Street  
Glen Ellyn, IL 60137

| MARK | DATE       | REVISIONS              |
|------|------------|------------------------|
|      | 10/11/2019 | ZONING SUBMITTAL NO. 5 |
|      | 08/29/2019 | ZONING SUBMITTAL NO. 4 |
|      | 07/19/2019 | ZONING SUBMITTAL NO. 3 |
|      | 06/21/2019 | ZONING SUBMITTAL NO. 2 |
|      | 03/21/2019 | ZONING SUBMITTAL NO. 1 |

ISSUE ZONING SUBMITTAL NO. 6

ISSUE DATE: 11/14/2019

PROJECT NO: 31-8445-00

DRAWN BY: T08

CHECKED BY: SDC

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SHEET TITLE:  
SITE DEMOLITION PLAN

C-100

DRAFT MINUTES  
REGULAR PLAN COMMISSION MEETING  
DECEMBER 12, 2019

Call to Order

The regular meeting of the Plan Commission was called to order by Chairperson Mary Loch at 7:03 p.m. Plan Commissioners Lloyd Berry, Angela Fanella, Phillip Hartweg, Tracy Heming-Littwin and John Mulherin were present. Commissioners David Rodemann, Mohammed Saeed and Jamie Vondruska were excused. Also present were Community Development Director Staci Springer, Village Planner Kelly Purvis, Village Planner Katie Ashbaugh, Associate Planner Cole Jackson, Assistant Village Manager Bill Holmer, Traffic Engineer Dan Schoenberg and Recording Secretary Debbie Solomon.

Public Comment

No general comments on non-agenda items were made by the public at this Plan Commission meeting.

Approval of November 14, 2019 Plan Commission Minutes

Commissioner Mulherin moved, seconded by Commissioner Heming-Littwin, to approve the minutes of the November 14, 2019 Regular Plan Commission minutes. The motion carried unanimously by voice vote.

Public Hearing – Illinois Prairie Path – Zoning Map Amendment

On the agenda was a public hearing to review a Zoning Map Amendment for the Illinois Prairie Path.

PUBLIC HEARING – ILLINOIS PRAIRIE PATH

PUBLIC HEARING WITH DISCUSSION, CONSIDERATION, AND RECOMMENDATION REGARDING A ZONING MAP AMENDMENT FOR THE ILLINIOS.

Commissioner Heming-Littwin moved, seconded by Commissioner Mulherin, to reopen the public hearing at 7:05 p.m. The motion carried unanimously by voice vote.

Staff Introduction

PLAN COMMISSION

-2-

DECEMBER 12, 2019

Sworn in for the Village were Community Development Director Springer and Village Planner Ashbaugh.

Village Planner Ashbaugh provided an overview of the Illinois Prairie Path Zoning Map Amendment and stated this is to rezone two parcels of County Highway 47/Illinois Prairie Path to CR Conservation Recreation District. Village Planner Ashbaugh stated this public hearing is being continued from the November 14, 2019 Plan Commission Meeting due to an error in the initial Public Notice mailing, and no testimony was taken during the November 14<sup>th</sup> meeting. Village Planner Ashbaugh stated notice of the public hearing was published in the October 24, 2019 edition of the Daily Herald and a placard was placed on the part of the Prairie Path to the west of Hill Avenue included in the request. Village Planner Ashbaugh stated this public hearing notice was erroneously not mailed to all property owners within 350 feet of the subject property, so staff re-mailed notice to those property owners that did not receive the original notice and mailed a first notice to those that did not received the original with the date to which is was continued, being today, December 12, 2019.

Village Planner Ashbaugh showed an overview map and stated the two parcels are currently developed and used as part of the Illinois Prairie Path for recreational purposes and are zoned R-4 in unincorporated DuPage County. Village Planner Ashbaugh explained the other zoning currently surrounding this location, being single family zoning districts immediately to the north and south, partial industrial to the north, and CR Conservation Recreation (Glen Oak Country Club). Village Planner Ashbaugh stated part of the Illinois Prairie Path that is already incorporated into the Village, which is to the west of the subject parcels, is also zoned CR Conservation Recreation District.

Village Planner Ashbaugh stated some of the property owners that received notice of the public hearing did attend the November 14, 2019 Plan Commission Meeting and had concerns regarding their properties possibly being force-annexed by the Village. Village Planner Ashbaugh stated these neighboring properties are already wholly bound; therefore, even without the pending annexation of these two subject parcels, their properties were already eligible for involuntary annexation.

#### Questions from the Plan Commission

None

#### Petitioner's Presentation

None

#### Public Comment



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Dale Melen, who resides at 21W466 Acorn Avenue, stated the Village has been trying to annex some properties on Walnut, Fairway, Acorn and Cumnor for several years and asked if the Village is going to force-annex now.

Community Development Director Springer stated the Village is always looking to annex properties into the Village limits, and the Village has had neighborhood meetings over the years to inform the referenced neighborhoods of this. Community Development Director Springer stated the Village has only moved forward with annexing with any home owners who have voluntarily requested this, and the Village has not moved forward with force-annexing any properties to date. Community Development Springer stated she does not think the current Village Board wants to move forward with force annexation of this area at this time.

Community Development Director Springer stated there are five home owners on Cumnor that the Village is currently in discussion with to possibly annex these five properties into the Village and it is at their request.

Mr. Melen stated many of the property owners do not want to be annexed, and he would like something in writing stating the Village has no intention to annex his property.

Community Development Director Springer stated such a letter would have to come in writing from the staff, and it would not be binding. Community Development Director Springer continued that if this came in writing from one of the elected officials, it would still not be binding.

Commissioner Heming-Littwin moved, seconded by Commissioner Mulherin, to close the public hearing at 7:16 p.m. The motion carried unanimously by voice vote.

#### Comments from the Plan Commission

Commissioner Mulherin stated they should move forward with this.

Commissioner Heming-Littwin stated this annexation is only for the Prairie Path and for this to be zoned CR Conservation Recreation. Commissioner Heming-Littwin stated she supports this, and the other Commissioners agreed.

#### Motion

Commissioner Heming-Littwin moved, seconded by Commissioner Mulherin, for the following:

After conducting a public hearing and deliberating on the appropriate zoning classification to apply to two parcels of County Highway 47/Illinois Prairie Path, the Plan Commission hereby

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recommends that the said parcels be zoned CR – Conservation Recreation District in accordance with Section 10-10-13 of the Zoning Code, based on the facts and findings as presented at this evening's public hearing.

1. The existing uses of properties within the general area of the subject properties consist of industrial to the northeast, single-family residential to the north, Forest Preserve of DuPage County to the northeast, single-family residential to the southwest, and the Glen Oak Country Club to the southeast. The Illinois Prairie Path continues to the west and to the east as a recreational use.
2. The zoning classifications within the general area of the subject properties are as follows: to the northeast, the I1 Industrial District within the Village of Glen Ellyn and the I-1 Light Industrial District within unincorporated DuPage County; to the north, northeast, and southwest, the R4 Residential in unincorporated DuPage County; to the southwest, the R2 Residential District within the Village of Glen Ellyn; and finally to the southeast and to the west, the CR Conservation Recreation District within the Village of Glen Ellyn.
3. The subject properties are suitable for the CR Conservation Recreation District, which is designed to preserve existing open space, and only allows open space and passive recreation areas within the district by right. These properties have been in use as part of Illinois Prairie Path for decades.
4. The development of this area has been relatively stable for the duration of the Prairie Path's existence. Single-family homes are under construction near the westerly parcel of the subject portion of the Prairie Path being annexed and rezoned.
5. The Comprehensive Plan identifies these properties as part of the Illinois Prairie Path and recommends that they be maintained and continue to be used as such.
6. The properties are not vacant and have been improved with the existing recreational path for decades. The use of the properties will remain as a recreational path with the new zoning classification, which is consistent with the other parts of the Illinois Prairie Path within the Village of Glen Ellyn.
7. The property will not be diminished, but rather maintained based on the particular zoning restrictions that are consistent with the other parts of the Illinois Prairie Path within the Village of Glen Ellyn.

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The motion carried with six (6) yes votes and zero (0) no votes as follows: Plan Commissioners Heming-Littwin, Mulherin, Berry, Fanella, Hartweg, and Chairperson Loch voted “yes.”

Chairperson Loch stated the Plan Commission is an advisory board, and this will go before the Village Board for a vote at the January 13, 2020 Village Board meeting.

Pre-Application Meeting – 41-55 N. Park Boulevard – Glen Ellyn Food Pantry

Commissioner Hartweg recused himself from this topic and exited the meeting.

Village Planner Ashbaugh provided an overview of the proposed project and stated this pre-application meeting is for informal feedback only. Village Planner Ashbaugh stated that should the petitioner move forward with the project and file a formal application, a public hearing before the Plan Commission would be required followed by a final determination by the Village Board.

Village Planner Ashbaugh showed an overview map and stated this discussion is regarding a proposed remodeling and addition to a two-story, single-family residence for use as a food pantry on the property located at 41-55 N. Park Boulevard. Village Planner Ashbaugh stated the Glen Ellyn Food Pantry is supported by churches in the surrounding area and is currently in the basement at Grace Lutheran Church, located at 493 Forest Avenue. Village Planner Ashbaugh stated the petitioner has expanded beyond the capacity of its current location, so Faith Evangelical Lutheran Church, located at 41-55 N. Park Boulevard, has agreed to allow the petitioner to pursue use of the existing, two-story church-owned single-family residence to the north of the church building as an alternative location. Village Planner Ashbaugh stated the subject property is located on the east side of Park Boulevard, immediately south of Maiden Lane. Village Planner Ashbaugh stated the surrounding zoning is R2 Residential to the north, C3 Service Commercial to the south, R3 Residential and C3 Commercial to the east and R4 Residential to the west.

Village Planner Ashbaugh stated this proposed project as proposed would require two Zoning Text Amendments, a Special Use Permit and three Zoning Variations. Village Planner Ashbaugh explained the existing conditions as well as the history of this site and stated there are 126 existing parking stalls and 4 points of access. Village Planner Ashbaugh showed the existing elevations and the proposed elevations for this project and stated the conversion consists of the demolition of approximately 590 square feet of the existing single-family residence, specifically the one-story attached garage to the north of the residence. Village Planner Ashbaugh stated the food pantry is proposed to replace the attached one-story garage with an approximately 970 square-foot, two-story addition as well as demolish and reconstruct the south one-story porch, which is approximately 117 square feet in area and replace it in

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approximately the same footprint for the same function. Village Planner Ashbaugh showed the proposed site plan and landscaping plan.

Village Planner Ashbaugh stated based on the information provided, staff finds that in order to proceed with the project, the petitioner will need to receive approval of the following:

1. Zoning Text Amendment request to add the term, 'food pantry' to Section 10-2-2 of the Zoning Code.
2. Zoning Text Amendment request to add the use, 'food pantry, when located on church-owned and occupied property' to the list of special uses in the R2 Residential District.
3. Special Use Permit to allow a food pantry on church-owned and occupied property at 55 N. Park Boulevard.
4. Variation to allow two principal buildings on one zoning lot where one is permitted.
5. Variation to allow a setback of 6 feet 6 inches from the north interior side lot line in lieu of the minimum 37 feet 11 inch setback required.
6. Variation to allow 4-foot tall landscape screening along only a portion of the north interior side lot line abutting a residential use where opaque screening with a height of 6 to 7 feet along the entire lot line is required.
7. Exterior Appearance Approval to remodel and construct an addition to a non-residential building.
8. Plat of Consolidation.

Village Planner Ashbaugh stated in reviewing the project, the Plan Commission may want to provide feedback or ask clarification on the following:

1. The proximity of the loading dock for the delivery truck to the single-family residence to the north.
2. Operational details, such as hours of operation, length of customer appointments, number of appointments per day, number of staff and volunteers per shift, frequency of the Northern Illinois Food Bank deliveries anticipated now and in the future and frequency of other donation deliveries.

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3. The use of permeable pavers for the proposed driveway for use by a delivery truck on at least a weekly basis.
4. The installation of landscaping to the north of the three existing parking stalls
5. The location of the dumpster enclosure. Staff provided the petitioner with two suggested alternative locations but did not proceed with them.
6. The shared use of the garbage and recycling with the church, increase in waste pick-up frequency, and circulation of the garbage truck in the proposed location.
7. The uses of the basement and first floor of the food pantry.
8. The proposed elevations for the building with the addition facing Park Boulevard and the building materials.
9. How traffic flow will work after customers pick up their groceries.

#### Questions from the Plan Commission

Commissioner Heming-Littwin asked about the refuse area. Village Planner Ashbaugh stated she that some sort of enclosure is shown around the proposed location of the refuse area but that the materials and elevations of it were not provided. Commissioner Heming-Littwin asked for confirmation that it would be required to be screened with materials matching the primary building material as is required by the Zoning Code. Village Planner Ashbaugh affirmed.

#### Petitioner's Presentation

Paula Nugent, President of the Board of Directors for the Glen Ellyn Food Pantry and the petitioner, stated the food pantry is run by 13 churches in the area. Ms. Nugent provided the history of the Glen Ellyn Food Pantry and stated it is a privately funded non-profit. Ms. Nugent stated they need to move the pantry as they are out of space, and this was the most cost-effective solution that the committee found. Ms. Nugent stated they have met with the property owner to the north, and this owner has expressed no concerns except for the dumpsters which are not enclosed now.

Ms. Nugent stated the food pantry has nine part-time staff with three to five employees there during business hours. Ms. Nugent stated they also have 350 volunteers. Ms. Nugent stated they do not have clients in the mornings as they are stocking shelves, and then food provisions are done by appointment in the afternoons. Ms. Nugent stated they do have seven to nine volunteers who pick up food in the area and deliver this to the food pantry. Ms. Nugent stated



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there can be ten to 25 people in the food pantry at any one time. Ms. Nugent stated they do get a food delivery from the Northern Illinois Food Bank once a week as well as a dairy delivery once a week.

Ms. Nugent stated the driveway can be concrete, but they are hoping to do some permeable pavers as well. Ms. Nugent stated the refuse area is moving due to the safety of the volunteers as they throw garbage out. Ms. Nugent said most of the volunteers are retired and/or elderly so they cannot walk far from the building especially during winter months. Ms. Nugent stated garbage will be picked up every other day, and the garbage truck will go in through the in-driveway and out through the exit as it does today. Ms. Nugent stated the traffic flow will remain the same as the existing traffic flow.

Ms. Nugent stated the church has leased the land to the Glen Ellyn Food Pantry for 50 years. Ms. Nugent showed an overview of the proposed site plan and explained what would be done on each floor of the building.

#### Questions from the Plan Commission

Commissioner Heming-Littwin asked where the volunteers would park. Ms. Nugent stated in the same parking lot as the church has leased the use of the whole parking lot to the food pantry. Commissioner Heming-Littwin asked if the clients drive to the food pantry. Ms. Nugent stated that most drive, but some do walk to the food pantry. Ms. Nugent stated at this new location, clients will be closer to the bus lines on Roosevelt Road.

Commissioner Heming-Littwin asked when the classes would be. Ms. Nugent stated the classes would be at night; however, they are unsure on the length of classes but possibly an hour in length.

Commissioner Heming-Littwin asked where the kitchen would be. Ms. Nugent stated the kitchen would be upstairs. Commissioner Heming-Littwin asked about the delivery truck. Ms. Nugent stated the Northern Illinois Food Bank currently uses a semi-truck for delivery, but the food pantry can ask for something smaller.

Commissioner Heming-Littwin asked about the fence along the north property line. Ms. Nugent stated the fence touches the home then runs along the back and ends where the garage is. Village Planner Ashbaugh stated the fence is on the property to the north. The neighbor to the north of the property was in the audience and verified this is his fence. Commissioner Heming-Littwin asked if any parking spots would be lost to which Village Planner Ashbaugh stated no.

Chairperson Loch asked about access into the garage. Ms. Nugent stated this access is via the parking lot.

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Public Comment

Constance Posdell stated she has used the Glen Ellyn Food Pantry from time to time in downtown Glen Ellyn, and many people do not drive to the food pantry. Ms. Posdell stated the primary people receiving food should be Glen Ellyn residents and not residents of other communities. Ms. Posdell stated other food pantries have restricted their food distribution to the town the food pantry is in. Ms. Posdell stated this building will not be conducive to semis pulling up.

Plan Commission Feedback

Commissioner Mulherin stated he lives in the area of the proposed food pantry, and there are thousands of cars on Park Boulevard a day so he does not see the food pantry having an impact on the traffic. Commissioner Mulherin stated the proposed project would be a vast improvement to the property, and the food pantry will be an outstanding use of the property. Commissioner Mulherin stated he endorses the project as this is a good start.

Commissioner Heming-Littwin stated she was initially concerned about the distance from the home to the lot line, but she is now not concerned as the neighbor to the north is not complaining. Commissioner Heming-Littwin stated she would like to see a full enclosure for the garbage, especially since it will be relocated on the property. Commissioner Heming-Littwin stated she would like to understand the class schedule before this comes back to the Plan Commission. Commissioner Heming-Littwin stated she would like to see what else could be done with landscaping to soften the area by the lot line.

Commissioner Berry stated he is fine with this.

Commissioner Fanella stated she does have a concern about the increased intensity of use in a residential neighborhood and would like to see an explanation of all scopes of this use for this proposed food pantry. Commissioner Fanella stated the Plan Commission will need to understand all of the different functions of the food pantry and its services for the actual public hearing. Commissioner Fanella stated the food pantry will need to be a good neighbor if they are going to be in a residential neighborhood.

Chairperson Loch stated she agrees with the "being a good neighbor" comment. Chairperson Loch stated she is not concerned about the food pantry's programming and know the food pantry will work with the church on this. Chairperson Loch stated she suggests the food delivery avoid garbage days, school bus times and College of DuPage class start times. Chairperson Loch stated the petitioner should proceed with this and work with the staff.

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Len, a volunteer at the existing food pantry who collects and delivers food, stated they do collect food from many surrounding towns, not just Glen Ellyn. Len stated if there is a concern about only giving food to the people of Glen Ellyn, this is not found in fact.

Chairperson Loch called for a brief break at 8:29 p.m.

Chairperson Loch reconvened the Plan Commission meeting at 8:35 p.m. Commissioner Hartweg re-entered the meeting at this time.

#### Public Hearing – Civic Center Parking

On the agenda was a public hearing to review the proposed 4-story public parking garage behind the Civic Center.

#### PUBLIC HEARING – CIVIC CENTER PARKING GARAGE AND ASSOCIATED PUBLIC IMPROVEMENTS

PUBLIC HEARING WITH DISCUSSION, CONSIDERATION, AND RECOMMENDATION REGARDING THE PROPOSED 4-STORY PUBLIC PARKING GARAGE BEHIND THE CIVIC CENTER AND THE ASSOCIATED PUBLIC IMPROVEMENTS (535 DUANE STREET AND 423 N. MAIN STREET).

Commissioner Heming-Littwin moved, seconded by Commissioner Mulherin, to open the public hearing at 8:35 p.m. The motion carried unanimously by voice vote.

#### Staff Introduction

Sworn in for the Village were Community Development Director Purvis, Village Planner Purvis and Village Planner Ashbaugh.

Village Planner Ashbaugh provided an overview of the project and stated the petitioner is M.A. Mortenson Company, on behalf of the Village of Glen Ellyn, owners of the properties located at 535 Duane Street and 423 N. Main Street. Village Planner Ashbaugh stated notice of the public hearing was published in the November 27, 2019 edition of the Daily Herald, mailed to property owners within 350 feet of the subject properties, and a placard was placed on each property's frontages, one on Duane Street and one on Main Street. Village Planner Ashbaugh stated the project was first reviewed by the Historic Preservation Commission (HPC) as the entire property at 535 Duane Street, not just the Civic Center building itself, is a designated local Landmark. Village Planner Ashbaugh stated that any exterior alteration to a landmarked structure requires approval from the HPC, but because the entire property is landmarked, the new construction had to be review even though no changes are proposed to the Civic Center. Village Planner Ashbaugh stated the HPC held a public meeting on September 19, 2019, and the HPC voted unanimously to approve the request.

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Village Planner Ashbaugh stated the subject properties are located on the south side of Duane Street, midblock between Main Street and Forest Avenue, and the total site is comprised of approximately 1.78 acres with approximately 264 feet of frontage on Duane Street and approximately 23 feet of frontage along Main Street. Village Planner Ashbaugh stated the Plan Commission will review a Preliminary Planned Unit Development (PUD) with deviations, a Final PUD Plan for Phase I, a Special Use Permit to allow a public use on the 2 properties and a Special Use Permit to allow a public parking garage. Village Planner Ashbaugh stated that although the Village does not believe Special Uses are required for the parking garage use and the public use, that the Village is requesting them due to threatened litigation as a precautionary measure.

Village Planner Ashbaugh provided a history of the properties and stated the Village bought the 423 N. Main Street property in 2018 for the purpose of providing pedestrian access to the rear of the Civic Center lot (535 Duane Street) should the parking garage be built behind the Civic Center.

Village Planner Ashbaugh provided an overview of the existing parking garage and stated Mortenson, on behalf of the Village, is proposing a four-story public parking garage that would provide 277 parking stalls. Village Planner Ashbaugh stated the garage is proposed to have five tiers of parking, with one tier underground. Village Planner Ashbaugh stated in addition to the garage, a short row of ten surface parking stalls are proposed, along the west side of the driveway from Duane Street which then results in a total of 287 parking stalls provided on the Civic Center property and a net gain of 212 stalls.

Village Planner Ashbaugh showed renderings of the proposed elevations and stated the maximum height would be 58 feet, 8 inches which goes to the top of the light poles and the tallest tower being at a height of 50 feet, 8 inches. Village Planner Ashbaugh stated that the majority of the structure has a height of approximately 40 feet to the top of the parapet wall.

Village Planner Ashbaugh reviewed the proposed parking and vehicular circulation along with pedestrian circulation, site amenities and other site enhancements. Village Planner Ashbaugh showed a rendering of the proposed pedestrian access from Main Street to the parking garage and stated this piece is going through an historic preservation review at the state level as the 423 N. Main Street property is located in the downtown historic district.

Village Planner Ashbaugh stated the proposed materials will be pre-cast concrete to look similar to the Civic Center's limestone with brick also in colors similar to the Civic Center. Village Planner Ashbaugh continued that the HPC approved the proposed materials as part of their review of the Exterior Alteration to a Landmark Structure. Village Planner Ashbaugh showed pictures of the proposed building materials and light fixtures as well as the color elevations.

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*Setback Deviations*

Village Planner Ashbaugh explained the deviations being requested. Village Planner Ashbaugh stated that 20-foot interior side and rear yard setbacks are required from properties zoned for residential use in the C5B zoning district, and Mortenson is proposing a 13 foot, 2 inch setback from the west interior lot line, a 10 foot, 9 inch setback from the rear lot line, a 4 foot, 2 inch setback from the south rear lot line adjacent to mixed use.

*Parking Module Deviation*

Village Planner Ashbaugh stated Mortenson is requesting the parking stalls be 18 feet wide, in lieu of the 19 feet required, and the drive aisles being 24 feet wide, in lieu of the 25 feet required.

*Landscaping Deviation*

Village Planner Ashbaugh stated for landscaping, Mortenson is proposing a landscape islands of 6 feet, in lieu of the required 9 feet. Village Planner Ashbaugh stated that along the interior and rear property lines adjacent to properties zoned for residential use, opaque screening with a height of 6 to 7 feet is required but that none is being proposed. Village Planner Ashbaugh stated that screening is not proposed along the properties to the south, 538 and 542 Hillside, because the 4 feet 2 inches between the south wall of the garage and the south property line of 535 Duane will be able to be used by the aforementioned single family residential properties (538 and 542 Hillside). Village Planner Ashbaugh continued that adjacent to the C5A properties that allow residential uses above the first floor that this area that would be required to have landscaping will be used as a public alley/pathway connecting Main Street to the garage.

*Lighting Deviation*

Village Planner Ashbaugh stated that properties adjacent to residential uses are limited to a half foot-candle or less of lighting level at the property line. Village Planner Ashbaugh continued that the requested deviation is to allow foot-candle levels to exceed a half foot-candle but not exceed 6 foot-candles due to pedestrian walkway safety.

*Building Height Deviation*

Village Planner Ashbaugh stated a 15 foot setback is required when a building is over 25 feet, but Mortenson has proposed a 0 foot setback due to the parking garage being further back from the front property line, and the height is needed for the elevators.

*Conditions of Approval*

Village Planner Ashbaugh stated staff is suggesting the following conditions be considered by the Plan Commission if the project is recommended for approval:



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1. That the project be constructed, maintained, and operated in substantial conformance with the plans and testimony presented at the Plan Commission public hearing and before the Village Board of Trustees;
2. That prior to the issuance of a building permit, a construction management plan must be prepared, reviewed at a pre-construction meeting, and approved by the Police, Fire, Public Works and Community Development Departments;
3. That any changes to pavement materials approved as part of the Final Planned Unit Development Plan for Phase 1 in relation to the Village Board approved streetscape design be permitted, provided that stormwater calculations are consistent with those approved on the attached plans or are otherwise approved by the Development Civil Engineer;
4. That the Two-Lot Subdivision associated with this project be administratively approved by the Community Development Director and recorded prior to the issuance of any building permits;
5. That all required temporary construction and perpetual easements on private property be secured prior to the issuance of any building permits;
6. That the perpetual easement along the south property line of 535 Duane Street not under Village ownership or control be released prior to the issuance of any building permits and its release be reflected on the required Two-Lot Subdivision to be administratively approved by the Community Development Director; and
7. That all floor plans, elevations and other architectural plans be consistent with one another to the satisfaction of the Building & Zoning Official.

#### Plan Commission Questions

Chairperson Loch asked about a rendering of the proposed garage with the Civic Center in front of it from Duane Street. Village Planner Ashbaugh stated there is not one at this time with the fully developed Civic Center and just the massing. Village Planner Ashbaugh stated that the only rendering available is the one facing southwest.

Commissioner Hartweg asked about handicapped parking. Village Planner Ashbaugh stated all handicapped parking would be on the first floor of the parking garage.

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Petitioner's Presentation

Sworn in for the Petitioner was Village of Glen Ellyn Assistant Village Manager Bill Holmer, Candace Small with Mortenson and Brad Navarro with Walker Construction.

Assistant Village Manager Holmer provided the evolution and background on the proposed parking garage and stated additional parking in the downtown has been discussed for many years. Assistant Village Manager Holmer stated after much discussion, the Village Board settled on the site behind the Civic Center as the Village already owns this, and this site would not interfere with economic development. Assistant Village Manager Holmer stated the proposed garage is to blend in with the Civic Center and be aesthetically pleasing as well. Assistant Village Manager Holmer stated the Village is working with the neighbors on Hillside Avenue and Main Street. Assistant Village Manager Holmer stated during the design process, a pedestrian access point was discussed and then created when the 423 N. Main Street property was purchased. Assistant Village Manager Holmer stated the proposed parking garage will have parking for Civic Center employees and Innovation DuPage, commuters, downtown employees and downtown customers.

Commissioner Heming-Littwin asked about the breakdown for the parking, as this is the number one question she is getting. Assistant Village Manager Holmer stated there is a table in the Plan Commission staff report, and this breakdown is fluid as they assess changes in parking demand. Assistant Village Manager Holmer stated commuter spaces in the parking garage would be treated as the same as these spaces are in today's parking lots as well as the Central Business District employees' spaces.

Candace Small, with Mortenson, showed a picture of the rendering of the north elevation of the garage and stated they tried hard to mimic the Civic Center's building materials and match what is currently there with the brick and limestone. Ms. Small stated the height deviation is needed due to the elevator tower, because if you push the elevator tower into the garage, you would lose parking. Ms. Small continued that this tower serves as a wayfinding and aesthetic element. Ms. Small showed a rendering of the garage from Forest Avenue as well as the Main Street pedestrian area looking west and the plaza looking toward the Civic Center.

Brad Navarro, with Walker Construction, stated the biggest logistics of the proposed parking garage are efficiency, safety and security. Mr. Navarro explained the levels of the garage, the flow of the garage and the typical tier plan. Mr. Navarro stated that the minimum length of a double loaded 90-degree parking module is 59 feet, and they are requesting 60 feet. Mr. Navarro said that the Village code requires 63 feet, hence the deviation. Mr. Navarro stated the eight ADA spaces would be on the ground tier of the garage.

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Ms. Small stated snow removal could be done one of two ways: by removing the snow from the top tier with a Bobcat and dump truck so the snow can be hauled from the site or by snow melters.

#### Plan Commission Questions

Commissioner Mulherin asked about electric vehicle charging stations. Ms. Small stated there are provisions in the current plan for four charging stations.

Commissioner Berry asked about snow removal. Ms. Small stated they would either use a smaller truck that would fit into the garage to remove the snow, or they will use the snow melters.

#### Public Comment

Mark Rhodes, who resides at 538 Hillside Avenue (immediately to the south of 535 Duane Street and the proposed public parking garage), stated they have been working with the Village for some time on this, and they are not quite there with the negotiations. Mr. Rhodes stated he hopes the Plan Commission's approval will take their concerns with the proximity of the south elevation of the garage to their property into consideration as they make a decision.

Todd Kreissler, who resides at 542 Hillside Avenue, stated he lives right behind where the proposed parking garage will go. Mr. Kreissler stated the property line of the parking garage is their property line. Mr. Kreissler stated they would prefer a 20-foot setback, but they do understand why the Village does not want to do this. Mr. Kreissler stated there may be a construction easement required on their property, and they are not up for this. Mr. Kreissler stated they did rehab their home several years ago, and they visited all the neighbors around to ensure all the neighbors were fine with this as the Kreisslers had to sign a document stating they could not harm the neighbors' properties.

Donna Rhodes, who also resides at 538 Hillside Avenue and identified her husband as Mark Rhodes, stated they will be directly impacted by the parking garage. Ms. Rhodes said she is concerned that there was no rendering shown of what the parking garage will look like from a view on Hillside from their property and their neighbors property (542 Hillside), which the they and their neighbors were shown in a meeting with the Village. Ms. Rhodes stated no one had mentioned lighting from the top of the parking garage. Ms. Rhodes stated they have not heard a lot of "being a good neighbor" language with this project like they did for the food pantry earlier in the meeting. Ms. Rhodes asked that the Plan Commission note vote tonight as they are still negotiating with the Village.

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Kurt Lagerloef, who resides at 544 Hillside Avenue, stated his home was not included in the public hearing notice, and his property is on the southeast corner of the Civic Center property. Mr. Lagerloef stated a rear yard setback should be 20 feet when it is adjacent to a lot zoned for residential use. Mr. Lagerloef stated a 40-foot parking garage is going up too close to his property.

Community Development Director Springer stated Mr. Lagerloef is raising a notice issue, but the Village went above and beyond as a courtesy on this. Community Development Director Springer stated the notice of the public hearing was for a deviation for the 20-foot setback deviation along the south property line.

Paul Svigos, who owns 413 Main Street, thanked Assistant Village Manager Holmer and the staff for working with them. Mr. Svigos stated he owns the building on Main Street that will be south of the parking garage, and there are 18 residential tenants in this building. Mr. Svigos stated that he had been told by the Village that it was not possible to move the parking garage one additional foot north away from his property and that he was frustrated to learn that it was possible at this meeting. Mr. Svigos then continued that it would be huge for his tenants if the parking garage were moved one additional foot north if the parking module length was reduced to 59 feet, as the parking garage will be right on top of his building. Mr. Svigos also stated the vents in the corner of the parking garage will be where his building's tenants exit. Mr. Svigos concluded that he is otherwise in support of the project.

#### Additional Plan Commission Questions

Assistant Village Manager Holmer showed renderings of what the parking garage would look like from the properties on Hillside with the required 20-foot setback and with the proposed 4 foot 2 inch setback. Assistant Village Manager Holmer stated with the setback as proposed, the residents on Hillside Avenue will actually lose some of the glow of the light poles whereas if it is 20 feet, the lights at the top of the poles will be more visible.

Commissioner Heming-Littwin stated some of the residents said they just received information yesterday on this. Assistant Village Manager Holmer stated this is not in the Plan Commission's purview as the residents are referring to negotiations going back and forth with the neighbors.

Commissioner Mulherin stated if the Village needs to maintain anything in the back if there is the 4 foot 2 inch setback. Assistant Village Manager Holmer stated it is the neighbors' responsibility where it is fenced in and they are going to be able to use that area as extensions of their yards. Commissioner Mulherin asked if the Village would have to maintain in back of the garage if there was a 20-foot setback. Assistant Village Manager Holmer stated the Village would be responsible to maintain this, but it is not feasible to build a garage with a 20-foot

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setback. Assistant Village Manager Holmer also stated with a 20-foot setback, this would end up being a place to hang out which could be worse.

Commissioner Heming-Littwin asked about the vents. Assistant Village Manager Holmer stated there are intake vents on the west edge, and the exhaust vents are by the church parking lot.

Mr. Lagerloef stated this is the corner that will be pointing to his house, and he was left out of the negotiations.

Commissioner Mulherin moved, seconded by Commissioner Hartweg, to close the public hearing at 10:00 p.m. The motion carried unanimously by voice vote.

#### Plan Commission Comments

Commissioner Mulherin stated he empathizes with the property owners on the setback issue, and he does want to see the vent issue addressed. Commissioner Mulherin stated he does understand the other deviations, and he is concerned that a 20-foot buffer could be seeds of nuisance.

Commissioner Berry stated he is generally in support of the parking garage. Commissioner Berry stated the community wants a parking garage. Commissioner Berry stated the setback is his biggest concern. Commissioner Berry stated the design is appropriate, and he wants to ensure the final plans are maximized to the site, with all groups involved agreeing.

Commissioner Hartweg stated he sympathizes with the land owners, but a 2-foot, 4-foot or 20-foot setback will be a problem as a no man's land between the properties. Commissioner Hartweg stated for the lighting issue, what the property owners do with their own properties can help with this, and he feels the parking garage lighting will not be a nuisance.

Commissioner Fanella stated she thinks the Village is doing everything they can to work with the neighbors. Commissioner Fanella stated the project seems thoroughly planned out and examined. Commissioner Fanella stated she thinks a parking garage is a necessary addition to the downtown. Commissioner Fanella stated the downtown is building and growing, and this will help property values in the long-term. Commissioner Fanella stated she is in support of the project.

Commissioner Heming-Littwin stated she appreciates everyone who came out for this project and those who spoke. Commissioner Heming-Littwin stated she is generally in favor of the parking garage, and she does empathize with this garage being in residents' back yards. Commissioner Heming-Littwin stated she feels a condition should be added that the residents who will be directly affected by the parking garage fully work through the issues with the



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Village before the parking garage goes to the Village Board for a vote. Commissioner Heming-Littwin stated she also wants a condition added about the parking allocation being confirmed before the parking garage goes to the Village Board for a vote, or she will vote against this.

Community Development Director Springer stated the suggested conditions are good, but someone might not agree to the agreement. Community Development Director Springer stated there may need to be further discussion at the Village Board level regarding this.

Community Development Director Springer stated (regarding parking allocation) there are lots of ideas about parking allocation, but this is a trial and error type thing as they are constantly adjusting. Community Development Director Springer stated they adjust parking allocation regularly as demand fluctuates already in the downtown and they do not want to tie their hands with this project.

Chairperson Loch stated she is in support of this project. Chairperson Loch stated she does have some concerns regarding the lighting so the Village will need to listen to the neighbors if the lighting is annoying.

There was a discussion regarding possible conditions, and the majority did not want any conditions added to the motion.

Commissioner Fanella moved, seconded by Commissioner Hartweg, for the following:

After conducting a public hearing and deliberating on the request of M. A. Mortenson Company, petitioners on behalf of the Village of Glen Ellyn for the properties located at 535 Duane Street and 423 N. Main Street, for approval of a Special Use for a Planned Unit Development with zoning deviations, a Special Use Permit to allow a public use on the subject properties and a Special Use to allow a public parking garage on the subject properties, the Plan Commission makes the following findings of fact in regard to the requests.

1. The proposed use will be harmonious and in accordance with the general objectives, or within a specific objective of the Comprehensive Plan and/or Zoning Code, because the proposed development will assist in stimulating the south half of the downtown by offering more opportunities to park close to the downtown core; the area of the proposed development currently exists as a surface parking lot, therefore the usage of the area will remain the same but will be enhanced. Additionally, by maximizing the use of the Civic Center lot with a parking garage, other parcels of land in the downtown can be used as revenue generating developments. Nearby residents will benefit from the reduced circulation of cars searching for available parking. A key component of the Downtown Strategic Plan instructs the Village to "improve the sufficiency and convenience of the downtown parking supply north and south of the railroad tracks." The proposed parking

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structure and pedestrian connection to Main Street will enhance access to downtown core uses, is a key component of the Village's Downtown Strategic Plan, and will be a welcome asset for all uses in the downtown area.

2. The planned unit development will be designed, constructed, operated and maintained so as to be harmonious and appropriate in appearance with the existing or intended character of the general vicinity and that such use will not change the essential character of the same area because the majority of the parking structure will be tucked behind the Civic Center building and will not be visible from the public right of way and special care has been given to design the parking garage to blend with the existing Civic Center. The project will include use of quality materials such as masonry and precast concrete created to emulate the limestone of the adjacent Civic Center. Additionally, richly detailed cornices, the window patterns, architectural features and changes in materials compliment the character of the Civic Center. The public space will enhance the pedestrian experience and add to the ambiance of the downtown, rather than detract from it.
3. The proposed use will not be hazardous or disturbing to existing or future neighborhood uses of the property because the Civic Center is currently a public use with a surface lot that is used by downtown visitors in addition to users of the Civic Center. The proposed use will be very similar, but will offer many more spaces to accommodate the additional parking needs for the downtown. The proposed development will only serve to decrease any disturbances to the area. Vehicles will be screened from public view.
4. The proposed use will be served adequately by existing public facilities and services such as highways, streets, police, fire protection, drainage structure, refuse disposal, water, sewers and schools because multiple Village departments have been involved in the review of the project. The Glen Ellyn Fire Department has indicated the building can be adequately serviced. The Village Engineers are in agreement with the drainage, water and sewer design intent. The Village's traffic consultant has noted that any additional traffic to the surrounding roadways will perform at acceptable levels of service.
5. The proposed use will not create excessive additional requirements at public cost for public facilities and services and will not be detrimental to the economic welfare of the Village because the proposed development will assist in expanding the economic welfare of the Village by assisting in the economic development of the downtown.
6. The use will not involve activities, processes, materials, equipment and/or conditions of operation that will be detrimental to any persons, property or the general welfare by reason of excessive production of traffic, noise, smoke, fumes, glare and odors because the proposed development will be designed to conform to applicable building codes,

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which regulate the life safety and welfare of the general public. The surrounding area will benefit by lessening the impact of vehicles in the area searching for parking, which can reduce unintended vehicle trips as well as reduce exhaust emission to the area.

7. The development will have vehicular approaches to the property, which shall be so designed as not to create an undue interference with traffic on surrounding public streets or roads because the existing access drive point to Duane Street is to be used and will be the sole ingress and egress point for vehicular access to the site.
8. The development will not increase the potential for flood damage to adjacent property or require additional public expense for flood protection, rescue or relief because the proposed development reduces overland flow to the adjacent properties. The proposed development is located on existing developed and impervious surface and will connect to the existing on-site storm sewer. Per Village Engineering staff, the existing downstream storm sewer is of sufficient capacity to accommodate the changes to the site due to the proposed development.
9. The development will not result in destruction, loss or damage of natural, scenic or historic features of major importance to the community because the proposed parking garage is in the location of an existing surface parking lot and will enhance the historic features of the downtown by providing a development which takes its inspiration from the historic vocabulary of its surroundings. Additionally, the public space that will be created as part of the second phase of the development will draw residents and visitors to the Village's historic assets in the downtown.

Therefore, the Plan Commission recommends that the Village Board approve a Special Use for Preliminary and Final Planned Unit Development for phase one and Preliminary Planned Unit Development for phase two with deviations as requested for building height stepback on a portion of the building, for setbacks from the property line, for screening requirements, for aisle width and parking stall length, for illumination levels at the property line (not to exceed 6.0 foot candles), and for reduced landscape island dimensions, in addition to a Special Use Permit for a Public Use and a Special Use Permit for a Public Parking garage, all to allow the construction of a public parking garage and a public gathering space on the subject properties.

All subject to the following conditions:

1. That the project be constructed, maintained, and operated in substantial conformance with the plans and testimony presented at the Plan Commission public hearing and before the Village Board of Trustees;

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2. That prior to the issuance of a building permit, a construction management plan must be prepared, reviewed at a pre-construction meeting, and approved by the Police, Fire, Public Works and Community Development Departments;
3. That any changes to pavement materials approved as part of the Final Planned Unit Development Plan for Phase 1 in relation to the Village Board approved streetscape design be permitted, provided that stormwater calculations are consistent with those approved on the attached plans or are otherwise approved by the Development Civil Engineer;
4. That the Two-Lot Subdivision associated with this project be administratively approved by the Community Development Director and recorded prior to the issuance of any building permits;
5. That all required temporary construction and perpetual easements on private property be secured prior to the issuance of any building permits;
6. That the perpetual easement along the south property line of 535 Duane Street not under Village ownership or control be released prior to the issuance of any building permits and its release be reflected on the required Two-Lot Subdivision to be administratively approved by the Community Development Director; and
7. That all floor plans, elevations, and other architectural plans be consistent with one another to the satisfaction of the Building & Zoning Official.

The motion carried with five (5) yes votes and one (1) no vote as follows: Plan Commissioners Fanella, Hartweg, Berry, Mulherin, and Chairperson Loch voted "yes." Plan Commissioner Heming-Littwin voted "no." Motion carried.

Community Development Director Springer stated this vote is only a recommendation, and this will go to the Village Board for a final vote at the January 13, 2020 Village Board meeting. Chairperson Loch stated everyone is invited to this meeting.

#### Trustee's Report

None

#### Chairperson's Report

Chairperson Loch wished everyone Happy Holidays.

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Staff Report

Village Planner Purvis stated there will be three items on the agenda at the January 9, 2020 Plan Commission Meeting.

Commissioner Heming-Littwin stated signage is beginning to be an issue again, and the staff will need to go through the downtown. Community Development Director Springer gave an update and stated the staff is currently working on this.

Commissioner Berry asked about the Apex project. Community Development Director Springer provided an update on this and stated this is still in litigation with a status hearing tomorrow.

Other Business

Commissioner Heming-Littwin asked about a lawsuit from the Lisle-Woodridge Fire Department. Community Development Director Springer stated there was a lawsuit filed, but she cannot say more than this.

Commissioner Mulherin asked about the update to the Comprehensive Plan. Community Development Director Springer stated there is a revised version of the full Comprehensive Plan, and staff is reviewing this. Community Development Director Springer stated this will come to the Plan Commission for a public hearing in early 2020.

Adjournment

Plan Commissioner Heming-Littwin moved, seconded by Plan Commissioner Mulherin, to adjourn the meeting at 10:41 p.m. The motion carried unanimously by voice vote.

Respectfully Submitted,

Debbie Solomon  
Recording Secretary

Reviewed by,

Katie Ashbaugh  
Village Planner





SITE AREA TABULATION

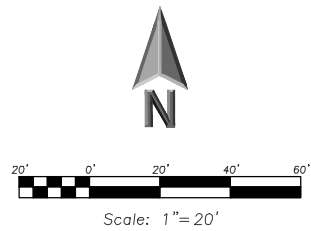
| PROPERTY                      | PIN           | SITE DISTURBANCE (SF) | NET NEW IMPERVIOUS AREA (SF) |
|-------------------------------|---------------|-----------------------|------------------------------|
| Civic Center 535 Duane        | 05-11-328-024 | 44,714                | 1,817                        |
| Main Street Plaza 423 Main    | 05-11-328-003 | 3,028                 | 498                          |
| Sushi Ukai                    | 05-11-328-004 | 400                   | 0                            |
| Nobel House                   | 05-11-328-005 | 451                   | 0                            |
| Elynn Beauty                  | 05-11-328-006 | 237                   | 0                            |
| First United Methodist Church | 05-11-328-025 | 1050                  | 0                            |
| TOTAL                         |               | 49,495                | 2,315                        |

SITE DATA

- Gross Site Area = 77,662.24 Sq. Ft. (1.78 Ac.)
- Common Open Space = 6,970 Sq. Ft.
- Total Gross Floor Area Of Parking Structure (Parking) = 108,977 Sq. Ft.
- Total Gross Floor Area Of Existing Civic Center (Office) = 45,208 Sq. Ft.
- Floor Area Ratio: FAR = 154,183/77,662.24 = 1.99
- PUD Lot 1 Area (Zoned C9B) = 74,634.24 (1.71 Ac.)
- PUD Lot 2 Area (Zoned C9A) = 3,028 Sq. Ft. (0.07 Ac.)
- PUD Phase 1 Area = 66,064 Sq. Ft.
- PUD Phase 2 Area = 11,598.24 Sq. Ft.
- Parking - New Stalls On Site:
  - Parking Structure: 277 Stalls
  - North Surface Lot: 10 Stalls
  - Parking - Lost Stalls On Site:
    - Existing Surface Lot: 75 Stalls
  - Parking - Net Parking Gain On Site:
    - Civic Center Parking: 212 Stalls
    - Parking - On-street:
      - Last Stalls On Duane Due To Project (Note Count Is Same Under Existing Conditions And Future Streetscape Conditions): 1 Stall
      - Last Stalls On Main Due To Project (Note Count Is Same Under Existing Conditions And Future Streetscape Conditions): 2 Stalls
  - Parking - Civic Center + On-street:
    - Net Stall Increase For Village Of Glen Elynn Parking Due To Garage Project = 209 Stalls.
  - Parking - Number of Parking Stalls Required per Section 10-4-17-2(G):
    - Civic Center = 45,208 Sq. Ft./250 Sq.Ft./stall = 181 Stalls

GEOMETRY NOTES

- All Dimensions Contained Herein Reference Back Of Curb, Face Of Retaining Wall, Edge Of Pavement, Center Of Structure And Outside Face Of Building Foundation Unless Otherwise Noted.
- All Pavement Striping Shall Be 4" Wide Yellow Paint Per Specifications. All Cross Hatch Striping Shall Be 45" At 2'-0" Centers.
- All Accessible Parking Signs (87-8) Must Be Placed at the Center of the Space and Within 5 Feet of the Space.
- Refer to Architectural Drawings for Exact Locations of All Buildings.
- Refer to Architectural Drawings for Locations and Details of All Permanent Site Fencing.
- Traffic Sign Posts Shall Be Breakaway Green U-Channel Posts, 2-1/2" Dia. 11 Gauge Steel, Embedded 42" Minimum Into Ground.



LEGEND

| EXISTING                             | PROPOSED                             |
|--------------------------------------|--------------------------------------|
| Manhole                              | Manhole                              |
| Catch Basin                          | Catch Basin                          |
| Area Drain                           | Area Drain                           |
| Clean Out                            | Clean Out                            |
| Flared End Section                   | Flared End Section                   |
| Storm Sewer                          | Storm Sewer                          |
| Sanitary Sewer                       | Sanitary Sewer                       |
| Combined Sewer                       | Combined Sewer                       |
| Water Main                           | Water Main                           |
| Gas Line                             | Gas Line                             |
| Overhead Wires                       | Overhead Wires                       |
| Electric Cable (Buried)              | Electric Cable (Buried)              |
| Telephone Line                       | Telephone Line                       |
| Fire Hydrant                         | Fire Hydrant                         |
| Valve Vault                          | Valve Vault                          |
| Butterfly Box                        | Butterfly Box                        |
| Fire Department Connection           | Fire Department Connection           |
| Downspout                            | Downspout                            |
| Notand                               | Notand                               |
| Gas Valve                            | Gas Valve                            |
| Gas Meter                            | Gas Meter                            |
| Electric Meter                       | Electric Meter                       |
| ComEd Manhole                        | ComEd Manhole                        |
| Hand Hole                            | Hand Hole                            |
| Light Pole w/ Mast Arm               | Light Pole w/ Mast Arm               |
| Utility Pole                         | Utility Pole                         |
| Telephone Pedestal                   | Telephone Pedestal                   |
| Telephone Manhole                    | Telephone Manhole                    |
| Sign                                 | Sign                                 |
| Fence                                | Fence                                |
| Accessible Parking Stall             | Accessible Parking Stall             |
| Curb & Outer                         | Curb & Outer                         |
| Depressed Curb                       | Depressed Curb                       |
| Curb Elevation                       | Curb Elevation                       |
| Pavement Elevation                   | Pavement Elevation                   |
| Sidewalk Elevation                   | Sidewalk Elevation                   |
| Ground Elevation                     | Ground Elevation                     |
| Top of Retaining Wall Elevation      | Top of Retaining Wall Elevation      |
| Seale                                | Seale                                |
| Contour Line                         | Contour Line                         |
| Deciduous Tree                       | Deciduous Tree                       |
| Coniferous Tree                      | Coniferous Tree                      |
| Brushline                            | Brushline                            |
| Tree Protection Fencing at Drip Line | Tree Protection Fencing at Drip Line |
| PHASE BOUNDARY                       |                                      |

PAVING & SURFACE LEGEND

- Asphalt Pavement Section In Right-Of-Way Match Existing Pavement Section or Restore per Village of Glen Elynn Roadway Patching Requirements
- Concrete Driveway Section
  - 6" Portland Cement Concrete
  - Fiber Mesh Reinforcement
  - 4" Aggregate Base Course, Type B, Crushed
- Concrete Sidewalk Section
  - 5" Portland Cement Concrete
  - Fiber Mesh Reinforcement
  - 4" Aggregate Base Course, Type B, Crushed
- Permeable Paver Section
  - Refer to Section Details
- Stormwater Overland Flow Path

GENERAL NOTES

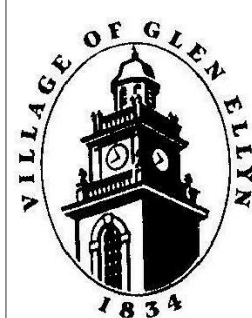
- The Location of Existing Underground Utilities, Such As Watermain, Sanitary, Gas Lines, Etc., As Shown On The Plans, Has Been Determined From The Best Available Information and is Given For the Convenience of the Contractor. However, The Owner and The Engineer Do Not Assume Responsibility in the Event That During Construction, Utilities Other Than Those Shown May Be Encountered, and That The Actual Location of Those Which Are Shown May Be Different From The Location As Shown On The Drawings. Contact Engineer Immediately If Surface and/or Subsurface Features Are Different Than Shown On The Drawings.
- Notify The Engineer Without Delay of Any Discrepancies Between the Drawings and Existing Field Conditions.
- Notify The Owner, Engineer and The Village of Glen Elynn A Minimum of 48 Hours in Advance of Performing Any Work.
- All areas, On or Off Site, Disturbed During Construction Operations and Not Part of the Work As Shown Hereon Shall Be Restored To Original Condition to the Satisfaction of the Owner at No Additional Cost to the Owner. It is Incumbent Upon Contractor to Show That Damaged Areas Were Not Disturbed By Construction Operations.
- These Drawings Assume That The Contractor Will Utilize An Electronic Drawing File (DWG) and Stake All Site Improvements Accordingly.
- No Person May Utilize The Information Contained Within These Drawings Without Written Approval From Eriksson Engineering Associates, Ltd.
- The Engineer Is Furnishing These Drawings For Construction Purposes As A Convenience To The Owner, Architect, Surveyor, or Contractor. Prior To The Use Of These Drawings For Construction Purposes, The User Of This Media Shall Verify All Dimensions and Locations Of Buildings With The Foundation Drawings And Architectural Site Plan, and Coordinate All Dimensions and Locations of All Site Items. If Conflicts Exist The User Of This Information Shall Contact The Engineer Immediately.
- Provide An As-built Survey Prepared By A Licensed Professional Land Surveyor In Accordance With The Authorities Having Jurisdiction Which Shall Include As A Minimum All Detention Basins and Best Management Practices, Include All Storm and Sanitary Sewers, Structure Locations, Stone, Rim and Invert Elevations, Final Detention Volume Calculations For The Basin(s), Watermain and Valve and Appurtenance Locations.
- The Illinois Department of Transportation Standard Specifications For Road And Bridge Construction Latest Edition, And All Addenda Thereto, Shall Govern The Work And Paving Work Under This Contract Unless Noted Otherwise.

Design Builder:  
**Mortenson**  
M. A. MORTENSON COMPANY  
300 Park Boulevard, Suite 100  
Itasca, IL 60143  
Tel: 847.981.9600  
www.mortenson.com

Design Consultants:  
**WALKER CONSULTANTS**  
Parking Consultant / Structural Engineer  
2895 Greensport Parkway, Suite 600  
Hoffman Estates, IL 60169  
Tel: 847.697.2640  
www.walkerconsultants.com  
LICENSE NO. 184.000947-0006

**SHIVEHATTERY**  
ARCHITECTURE+ENGINEERING  
Architect / MEP - FP Engineer  
440 North Wells Street, Suite 320  
Chicago, IL 60664  
Tel: 312.324.5500  
www.shive-hattery.com  
LICENSE NO. 184.000214-0015

**ERIKSSON ENGINEERING ASSOCIATES, LTD.**  
Civil Engineering / Landscape Architecture  
145 Commerce Drive, Suite A  
Graylake, IL 60930  
Tel: 847.223.4804  
www.eea-3d.com  
LICENSE NO. 184.000320-0002



VILLAGE OF GLEN ELYNN  
PUBLIC PARKING GARAGE

535 Duane Street  
Glen Elynn, IL 60137

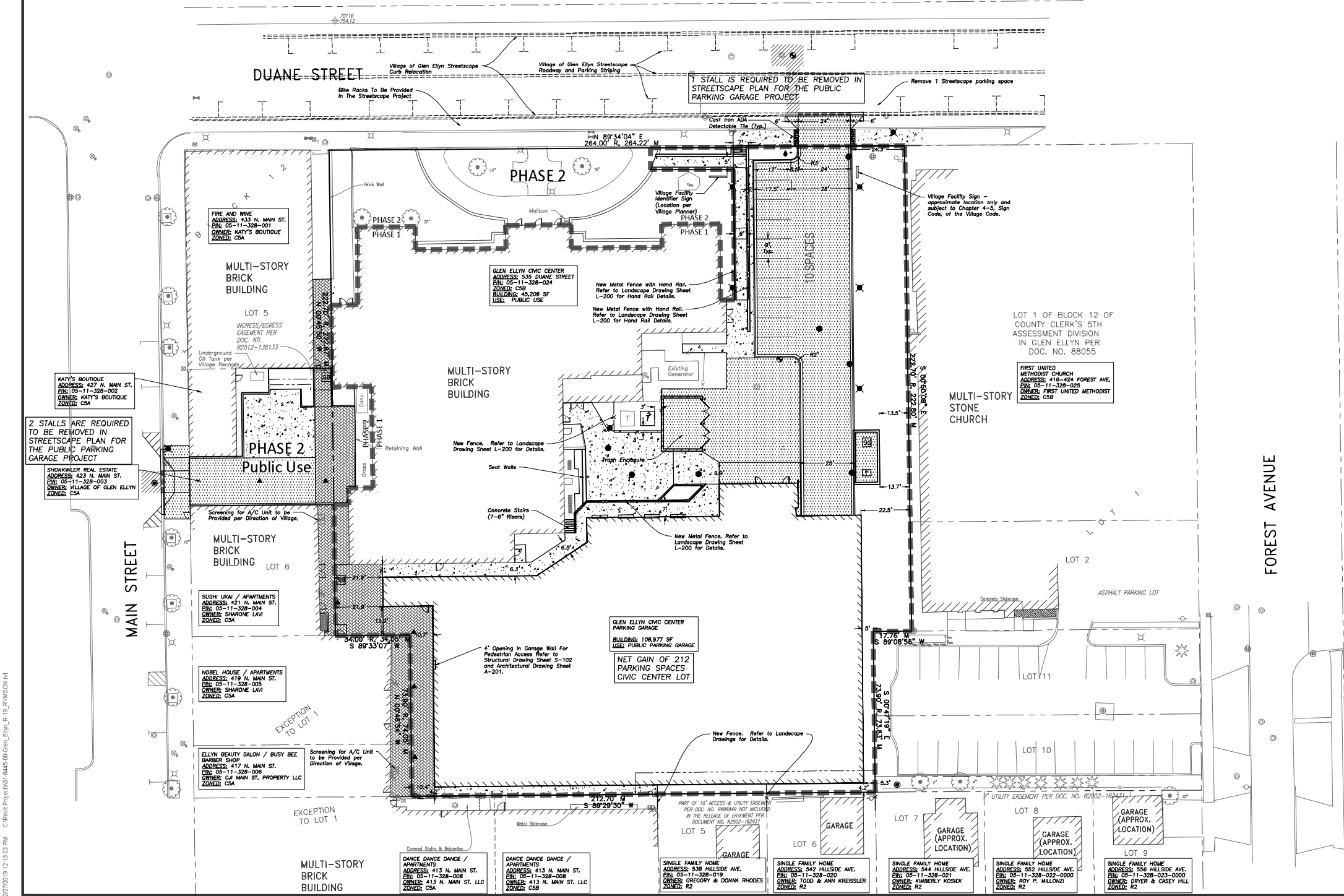
| MARK | DATE       | DESCRIPTION            |
|------|------------|------------------------|
|      | 10/11/2019 | ZONING SUBMITTAL NO. 5 |
|      | 08/29/2019 | ZONING SUBMITTAL NO. 4 |

| ISSUE       | ZONING SUBMITTAL NO. 6 |
|-------------|------------------------|
| ISSUE DATE: | 11/14/2019             |
| PROJECT NO: | 31-8445.00             |
| DRAWN BY:   | TGB                    |
| CHECKED BY: | SDC                    |

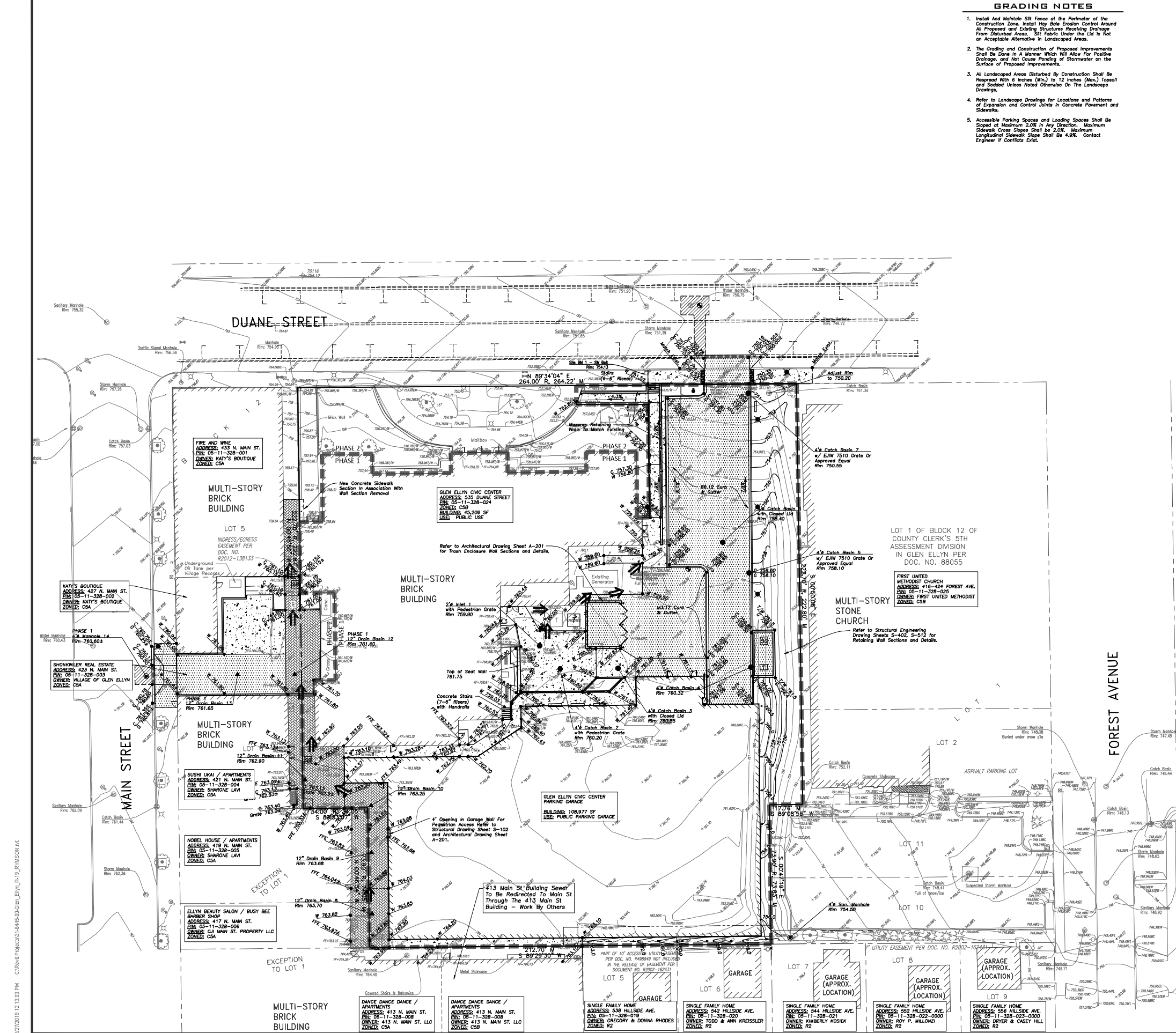
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SHEET TITLE:  
GLEN ELYNN CIVIC CENTER  
CAMPUS FINAL PLANNED UNIT  
DEVELOPMENT PLAN - PHASE 1

C-200







**GRADING NOTES**

1. Install And Maintain Silt Fence at the Perimeter of the Construction Zone. Install Hay Bale Erosion Control Around All Proposed and Existing Structures Receiving Drainage From Disturbed Areas. Silt Fabric Under the Lid Is Not an Acceptable Alternative In Landscaped Areas.
2. The Grading and Construction of Proposed Improvements Shall Be Done in a Manner Which Will Allow For Positive Drainage, and Not Cause Ponding of Stormwater on the Surface of Proposed Improvements.
3. All Landscaped Areas Disturbed By Construction Shall Be Reseeded With 6 Inches (Min.) to 12 Inches (Max.) Topsoil and Sodded Unless Noted Otherwise On The Landscape Drawings.
4. Refer to Landscape Drawings for Locations and Patterns of Expansion and Control Joints in Concrete Pavement and Sidewalks.
5. Accessible Parking Spaces and Loading Spaces Shall Be Sloped at Maximum 2.0% in Any Direction. Maximum Sidewalk Cross Slopes Shall be 2.0%. Maximum Longitudinal Sidewalk Slope Shall be 4.0%. Contact Engineer if Conflicts Exist.

**LEGEND**

| EXISTING                             | PROPOSED                             |
|--------------------------------------|--------------------------------------|
| Manhole                              | Manhole                              |
| Catch Basin                          | Catch Basin                          |
| Area Drain                           | Area Drain                           |
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| Flared End Section                   | Flared End Section                   |
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| Sanitary Sewer                       | Sanitary Sewer                       |
| Combined Sewer                       | Combined Sewer                       |
| Water Main                           | Water Main                           |
| Gas Line                             | Gas Line                             |
| Overhead Wires                       | Overhead Wires                       |
| Electric Cable (Buried)              | Electric Cable (Buried)              |
| Telephone Line                       | Telephone Line                       |
| Fire Hydrant                         | Fire Hydrant                         |
| Valve Vault                          | Valve Vault                          |
| Butterfly Box                        | Butterfly Box                        |
| Fire Department Connection           | Fire Department Connection           |
| Downspout                            | Downspout                            |
| Notepad                              | Notepad                              |
| Gas Valve                            | Gas Valve                            |
| Gas Meter                            | Gas Meter                            |
| Electric Meter                       | Electric Meter                       |
| ComEd Manhole                        | ComEd Manhole                        |
| Hand Hole                            | Hand Hole                            |
| Light Pole w/ Mast Arm               | Light Pole w/ Mast Arm               |
| Utility Pole                         | Utility Pole                         |
| Telephone Pedestal                   | Telephone Pedestal                   |
| Telephone Manhole                    | Telephone Manhole                    |
| Sign                                 | Sign                                 |
| Fence                                | Fence                                |
| Accessible Parking Stall             | Accessible Parking Stall             |
| Curb & Outer                         | Curb & Outer                         |
| Depressed Curb                       | Depressed Curb                       |
| Curb Elevation                       | Curb Elevation                       |
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| Pavement Elevation                   | Pavement Elevation                   |
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| Deciduous Tree                       | Deciduous Tree                       |
| Coniferous Tree                      | Coniferous Tree                      |
| Brushline                            | Brushline                            |
| Tree Protection Fencing of Drip Line | Tree Protection Fencing of Drip Line |
| PHASE BOUNDARY                       | PHASE BOUNDARY                       |

**PAVING & SURFACE LEGEND**

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- Permeable Paver Section Refer to Section Details
- Stormwater Overland Flow Path

**GENERAL NOTES**

1. The Location of Existing Underground Utilities, Such As Watermain, Sewers, Gas Lines, Etc., As Shown On The Plans, Has Been Determined From The Best Available Information and is Given for the Convenience of the Contractor. However, The Owner and The Engineer Do Not Assume Responsibility in The Event That During Construction, Utilities Other Than Those Shown May Be Encountered, and That The Actual Location of Those Which Are Shown May Be Different From The Location As Shown On The Drawings. Contact Engineer Immediately If Surface and/or Subsurface Features Are Different Than Shown On The Drawings.
2. Notify The Engineer Without Delay of Any Discrepancies Between the Drawings and Existing Field Conditions.
3. Notify The Owner, Engineer and The Village of Glen Ellyn A Minimum of 48 Hours in Advance of Performing Any Work.
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7. The Engineer Is Furnishing These Drawings For Construction Purposes As a Convenience To The Owner, Architect, Surveyor, or Contractor. Prior To The Use Of These Drawings For Construction Purposes, The User Of This Media Shall Verify All Dimensions and Locations of Buildings With The Foundation Drawings And Architectural Site Plan, and Coordinate All Dimensions and Locations of All Site Items. If Conflicts Exist The User Of This Information Shall Contact The Engineer Immediately.
8. Provide An As-Built Survey Prepared By A Licensed Professional Land Surveyor in Accordance With The Authorities Having Jurisdiction Which Shall Include As a Minimum All Detention Basins and Best Management Practices, Include All Storm and Sanitary Sewers, Structure Locations, Size, Rim and Invert Elevations, Final Detention Volume Calculations For The Basin(s), Watermain and Valve and Appurtenance Locations.
9. The Illinois Department of Transportation Standard Specifications For Road And Bridge Construction Latest Edition, And All Addenda Thereto, Shall Govern The Earthwork And Paving Work Under This Contract Unless Noted Otherwise.

Design Builder:

**Mortenson**  
M. A. MORTENSON COMPANY  
300 Park Boulevard, Suite 100  
Itasca, IL 60143  
Tel: 847.981.9600  
www.mortenson.com

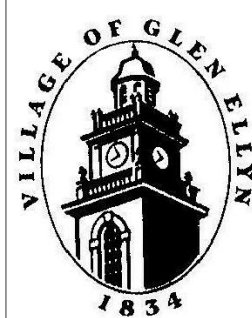
Design Consultants:

**WALKER CONSULTANTS**  
Parking Consultant / Structural Engineer  
2895 Greentown Parkway, Suite 600  
Hoffman Estates, IL 60169  
Tel: 847.697.2640  
www.walkerconsultants.com  
LICENSE NO. 184.000947-0006

**SHIVEHATTERY**  
ARCHITECTURE+ENGINEERING  
Architect / MEP - PP Engineer  
440 North Wells Street, Suite 320  
Chicago, IL 60654  
Tel: 312.324.5500  
www.shive-hattery.com  
LICENSE NO. 184.000214-0015

**ERIKSSON ENGINEERING ASSOCIATES, LTD.**  
Civil Engineering / Landscape Architecture  
145 Commerce Drive, Suite A  
Graylake, IL 60939  
Tel: 847.223.4804  
www.ees-3d.com  
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TMOTHY OWEN BROWN  
000468881  
07/19/19  
EXPIRATION DATE: 11/30/19



VILLAGE OF GLEN ELLYN  
PUBLIC PARKING GARAGE

535 Duane Street  
Glen Ellyn, IL 60137

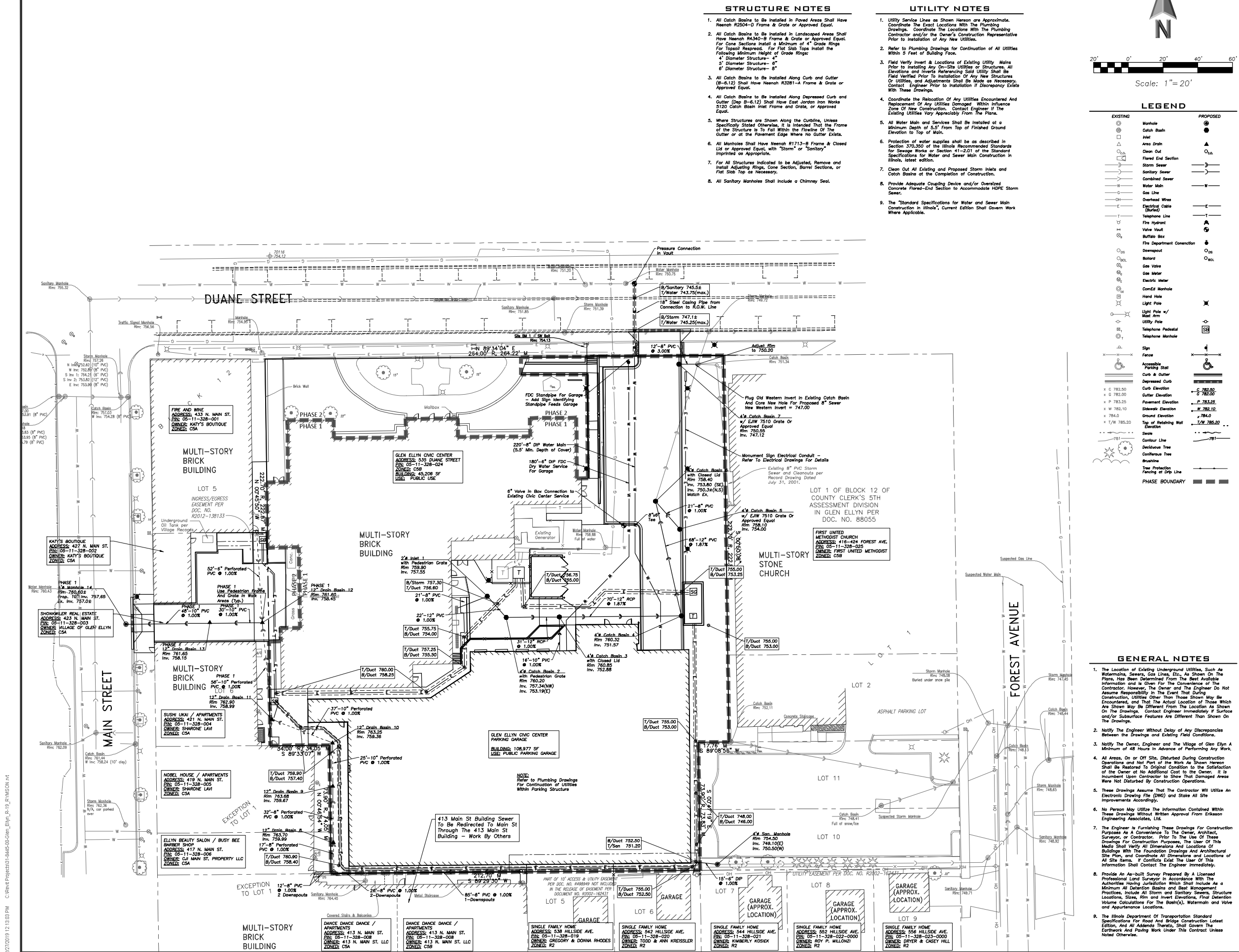
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|      | 10/11/2019 | ZONING SUBMITTAL NO. 5 |
|      | 08/29/2019 | ZONING SUBMITTAL NO. 4 |
|      | 07/19/2019 | ZONING SUBMITTAL NO. 3 |
|      | 05/21/2019 | ZONING SUBMITTAL NO. 2 |
|      | 03/21/2019 | ZONING SUBMITTAL NO. 1 |

ISSUE: ZONING SUBMITTAL NO. 6  
ISSUE DATE: 11/14/2019  
PROJECT NO: 31-8445.00  
DRAWN BY: TOB  
CHECKED BY: SDC

SHEET TITLE: GRADING & PAVING PLAN

C-400





Design Builder:

**Mortenson**  
M. A. MORTENSON COMPANY  
300 Park Boulevard, Suite 100  
Itasca, IL 60143  
Tel: 847.981.9600  
www.mortenson.com

Design Consultants:

**WALKER**  
CONSULTANTS

Parking Consultant / Structural Engineer

2895 Greenpoint Parkway, Suite 600  
Hoffman Estates, IL 60169  
Tel: 847.697.7640  
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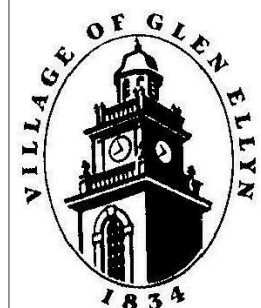
**SHIVEHATTERY**  
ARCHITECTURE+ENGINEERING  
Architect / MEP - FP Engineer

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Chicago, IL 60654  
Tel: 312.324.5500  
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ASSOCIATES, LTD.

Civil Engineering / Landscape Architecture

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PUBLIC PARKING GARAGE535 Duane Street  
Glen Ellyn, IL 60137

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|------|------------|------------------------|
|      | 10/17/2019 | ZONING SUBMITTAL NO. 5 |
|      | 08/29/2019 | ZONING SUBMITTAL NO. 4 |
|      | 07/15/2019 | ZONING SUBMITTAL NO. 3 |
|      | 06/21/2019 | ZONING SUBMITTAL NO. 2 |
|      | 03/21/2019 | ZONING SUBMITTAL NO. 1 |

ISSUE ZONING SUBMITTAL NO. 6

ISSUE DATE: 11/14/2019

PROJECT NO: 31-845.00

DRAWN BY: TOB

CHECKED BY: SDC

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SHEET TITLE  
SITE UTILITY PLAN

C-300



## PLANT SCHEDULE

| CANOPY TREES     |                                                                          | BOTANICAL / COMMON NAME |          | COND.    | SIZE | QTY. |
|------------------|--------------------------------------------------------------------------|-------------------------|----------|----------|------|------|
| ACE A12          | ACER X FREEMANNI 'JEFFSRED' / AUTUMN BLAZE MAPLE                         | B & B                   | 4" CAL.  | 1        |      |      |
| CEA 105          | CELTIS OCCIDENTALIS / CROWN HACKBERRY                                    | B & B                   | 4" CAL.  | 1        |      |      |
| GLE 118          | GLEDITSIA TRACANTHOS INERMIS 'SKYLINE' / THORNLESS SKYLINE HONEYLOCUST   | B & B                   | 4" CAL.  | 1        |      |      |
| TLE RED          | TILIA AMERICANA 'REDMOND' / REDMOND AMERICAN LINDEN                      | B & B                   | 3" CAL.  | 4        |      |      |
| UNDERSTORY TREES |                                                                          | BOTANICAL / COMMON NAME |          | COND.    | SIZE | QTY. |
| AME A02          | AMELANCHIER GRANDIFLORA / SHADBLOW SERVICEBERRY                          | B & B                   | 8" CLUMP | 1        |      |      |
| DECIDUOUS SHRUBS |                                                                          | BOTANICAL / COMMON NAME |          | COND.    | SIZE | QTY. |
| ARQ RED          | ARONIA ARBUTIFLORA / RED CHOKEBERRY                                      | B & B                   | 30" HT.  | 14       |      |      |
| COT ACU          | COTONEASTER ACUTIFOLUS / PEKING COTONEASTER                              | B & B                   | 30" HT.  | 12       |      |      |
| RIBES GRE        | RIBES ALPINUM 'GREEN MOUND' / GREEN MOUND ALPINE CURRANT                 | B & B                   | 30" HT.  | 3        |      |      |
| SPI SPI          | SPIRAEA JAPONICA 'LITTLE PRINCESS' / LITTLE PRINCESS JAPANESE SPIREA     | B & B                   | 30" HT.  | 6        |      |      |
| SYN MAY          | SYRINGA METERI 'PALUBIN' / DWARF KOREAN LILAC                            | B & B                   | 30" HT.  | 20       |      |      |
| VIB VIB          | VIBURNUM CARLESII 'CAYUGA' / KOREAN SPICE VIBURNUM                       | B & B                   | 30" HT.  | 1        |      |      |
| EVERGREEN SHRUBS |                                                                          | BOTANICAL / COMMON NAME |          | COND.    | SIZE | QTY. |
| JUN PT1          | JUNIPERUS CHENSIS 'KALAYAS COMPACT' / KALAY COMPACT PRITZER JUNIPER      | B & B                   | 18" HT.  | 15       |      |      |
| TAX DEN          | TAXUS X MEDIA 'DENSIFORMIS' / DENSE YEW                                  | B & B                   | 36" HT.  | 11       |      |      |
| GROUND COVERS    |                                                                          | BOTANICAL / COMMON NAME |          | COND.    | SIZE | QTY. |
| GER BIG          | GERANIUM MACRORRHIZUM / BIGROOT GERANIUM                                 | CONT.                   | #1       | 20       |      |      |
| HEU F24          | HEUCHERA X 'FIRE ALARM' / FIRE ALARM CORAL BELLS                         | CONT.                   | #1       | 67       |      |      |
| HOS P41          | HOSTA X 'PATRIOT' / PATRIOT HOSTA                                        | CONT.                   | #1       | 25       |      |      |
| RUD BL           | RUDBECKIA FULGIDA 'LITTLE GOLD STAR' / LITTLE GOLD STAR BLACK-EYED SUSAN | CONT.                   | #1       | 36       |      |      |
| ANNUALS          |                                                                          | BOTANICAL / COMMON NAME |          | COND.    | SIZE | QTY. |
| PET WAV          | PETUNIA X HYBRIDA 'PURPLE WAVE' M / PETUNIA                              | CONT.                   | 3" POTS  | 160      |      |      |
| TURF GRASS       |                                                                          | BOTANICAL / COMMON NAME |          | COND.    | SIZE | QTY. |
| TURF BLU         | TURF SOD BLUEGRASS / KENTUCKY BLUEGRASS                                  | ROLLED                  | SOD      | 6,060 SF |      |      |

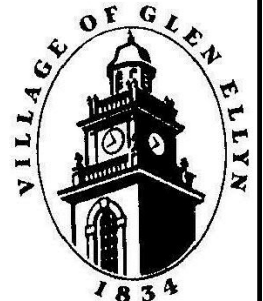
1. PLANT QUANTITIES SHOWN IN THE PLANT SCHEDULE ARE FOR CONVENIENCE ONLY. THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING AND INSTALLING ALL MATERIALS SHOWN ON THE PLAN AND SHOULD NOT RELY ON THE PLANT SCHEDULE FOR DETERMINING QUANTITIES.
2. ALL PLANT MATERIALS SHALL BE NURSERY GROWN STOCK AND SHALL BE FREE FROM ANY DEFORMITIES, DISEASES OR INSECT DAMAGE. ANY MATERIALS WITH DAMAGED OR CROOKED/DISFIGURED LEADERS, BRACK ABRASSION, SUNSCALD, INSECT DAMAGE, ETC. ARE NOT ACCEPTABLE. ANY MATERIALS WITH TREES WITH MULTIPLE LEADERS WILL BE REJECTED UNLESS CALLED OUT IN THE PLANT SCHEDULE AS MULTI-STEM.
3. ALL LANDSCAPE IMPROVEMENTS SHALL MEET MUNICIPALITY REQUIREMENTS AND GUIDELINES, WHICH SHALL BE VERIFIED BY MUNICIPAL AUTHORITIES.
4. ALL PLANTING OPERATIONS SHALL BE COMPLETED IN ACCORDANCE WITH STANDARD HORTICULTURAL PRACTICES. THIS MAY INCLUDE, BUT NOT BE LIMITED TO, PROPER PLANTING BED AND TREE PIT PREPARATION, PLANTING MIX, PRUNING, STAKING AND GUY WIRE SUPPORTING, SPRAYING FERTIGATION, PLANTING AND ADEQUATE MAINTENANCE OF MATERIALS DURING CONSTRUCTION ACTIVITIES.
5. ALL PLANT MATERIALS SHALL BE INSPECTED AND APPROVED BY THE LANDSCAPE ARCHITECT PRIOR TO INSTALLATION. ANY MATERIALS INSTALLED WITHOUT APPROVAL MAY BE REJECTED.
6. THE CONTRACTOR SHALL GUARANTEE PLANT MATERIALS FOR A PERIOD OF ONE YEAR FROM THE DATE OF ACCEPTANCE BY THE CONTRACTOR. THE CONTRACTOR'S PLANTING MAINTENANCE PROCEDURES TO THE OWNER AT THE TIME OF ACCEPTANCE. DURING THE GUARANTEE PERIOD, DEAD OR DISEASED MATERIALS SHALL BE REPLACED AT NO COST TO THE OWNER. AT THE END OF THE GUARANTEE PERIOD THE CONTRACTOR SHALL OBTAIN FINAL ACCEPTANCE FROM THE OWNER.
7. ANY EXISTING TREES TO BE RETAINED SHALL BE PROTECTED FROM SOIL COMPACTION AND OTHER DAMAGES THAT MAY OCCUR DURING CONSTRUCTION ACTIVITIES BY ERECTING FENCING AROUND SUCH MATERIALS AT A DISTANCE OF 8.5' FROM THE TREE.
8. ALL GRASS, CLUMPS, OTHER VEGETATION, DEBRIS, STONES, ETC., SHALL BE RAKED OR OTHERWISE REMOVED FROM PLANTING AND LAWN AREAS PRIOR TO INITIATION OF INSTALLATION PROCEDURES.
9. THE CONTRACTOR SHALL VERIFY THE LOCATIONS OF ALL UNDERGROUND UTILITIES PRIOR TO INITIATING PLANTING OPERATIONS. THE CONTRACTOR SHALL REPAIR/REPLACE AND/OR UTILIFY, PAVING, CURBSING, ETC., WHICH IS DAMAGED DURING PLANTING OPERATIONS.
10. SIZE AND GRADING STANDARDS OF PLANT MATERIALS SHALL CONFORM TO THE LATEST EDITION OF ANSI Z60.1, AMERICAN STANDARDS FOR NURSERY STOCK, TO THE LATEST AMERICAN NURSERY & LANDSCAPE ASSOCIATION.
11. REFER TO PLAT OF SURVEY FOR LEGAL DESCRIPTION, BOUNDARY DIMENSIONS AND EXISTING CONDITIONS.
12. ALL PLANT MATERIAL ON THIS PLANTING PLAN REPRESENTS THE INTENTION AND NOTIFICATION OF THE PROPOSED LANDSCAPE MATERIALS. THE EXACT SPECIES AND LOCATIONS MAY VARY IN THE FIELD DO TO MODIFICATIONS IN THE SITE IMPROVEMENTS AND THE AVAILABILITY OF PLANT MATERIAL AT THE TIME OF INSTALLATION. ANY SUCH CHANGES MUST FIRST BE APPROVED BY THE VILLAGE IN WRITING.
13. ALL PLANT MATERIAL SHALL BE PLANTED WITH A MINIMUM OF SIX INCHES OF ORGANIC SOIL AND MULCHED WITH A SHREDED BARK MATERIAL TO A MINIMUM 3" DEPTH.
14. ALL BEDS SHALL BE EDGED, HAVE WEED PREEMERGENTS APPLIED AT THE RECOMMENDED RATE.
15. ALL PARKWAYS AND PARKING LOT ISLANDS SHALL HAVE LAWN ESTABLISHED WITH SOG AS A GROUND COVER, UNLESS OTHERWISE NOTED.
16. ALL LAWN AREAS ON THIS PLAN SHALL BE GRADED SMOOTH AND TOPPED WITH AT LEAST 4" OF TOPSOIL. ALL LAWN AREAS TO BE ESTABLISHED USING SEED BLANKET RESEEDING. OTHERWISE NOTED. BLANKET TO BE 5/5% OR APPROVED EQUIV.
17. THIS LANDSCAPE PLAN ASSUMES THE SITE WILL BE PREPARED WITH TOP SOIL SUITABLE FOR THE ESTABLISHMENT OF THE LANDSCAPE MATERIAL PRESENTED ON THIS PLAN. IF ADDITIONAL TOP SOIL IS REQUIRED IT IS UP TO THE LANDSCAPE ARCHITECT TO ADVISE ON THE SITE PLAN. THE LANDSCAPE ARCHITECT AND PREPARE THE SITE AS NEEDED FOR THE IMPLEMENTATION OF THIS LANDSCAPE PLAN.
18. CONTRACTORS MUST VERIFY ALL QUANTITIES AND OBTAIN ALL PROPER PERMITS AND LICENSES FROM THE PROPER AUTHORITIES.
19. ALL MATERIAL MUST MEET INDUSTRY STANDARDS AND THE LANDSCAPE ARCHITECT HAS THE RIGHT TO REFUSE ANY POOR MATERIAL OR WORKSMANSHIP.
20. LANDSCAPE ARCHITECT IS NOT RESPONSIBLE FOR UNSEEN SITE CONDITIONS.
21. ALL PLANTINGS SHALL BE SPACED EQUAL DISTANT, BACK FILLED WITH AMENDED SOIL IN A HOLE TWICE THE ROOTBALL DIAMETER, WATERED, FERTILIZED, PRUNED, AND HAVE ALL TAGS AND ROPES REMOVED.
22. LAWN AND BED AREAS SHALL BE ROTOTILLED, RAKED OF CLUMPS AND DEBRIS.
23. REMOVE ALL DEAD AND DISEASED PLANT MATERIAL FROM SITE AND DISPOSE OF PROPERLY.

|                                                                                       |                                  |          |
|---------------------------------------------------------------------------------------|----------------------------------|----------|
|  | <u>SURFACE TREATMENT TYPE II</u> | 6,708 SF |
|  | <u>PERMEABLE PAVERS</u>          | 4,260 SF |
|  | <u>SURFACE TREATMENT TYPE I</u>  | 7,091 SF |
|  | <u>TURF AREAS</u>                | 6,257 SF |

**J.U.L.I.E.**

Note: The exact location of all utilities shall be verified by the contractor prior to construction activities. For utility locations call: J.U.L.I.E. 1 (800) 892-0123

EXPIRES: 08/31/2021



VILLAGE OF GLEN ELLYN  
PUBLIC PARKING GARAGE

535 Duane Street  
Glen Ellyn, IL 60137

|      |            |                        |
|------|------------|------------------------|
|      |            |                        |
|      |            |                        |
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|      |            |                        |
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|      | 10/11/2019 | ZONING SUBMITTAL NO. 5 |
|      | 08/29/2019 | ZONING SUBMITTAL NO. 4 |
|      | 07/19/2019 | ZONING SUBMITTAL NO. 3 |
|      | 05/21/2019 | ZONING SUBMITTAL NO. 2 |
|      | 03/21/2019 | ZONING SUBMITTAL NO. 1 |
| MARK | DATE       | DESCRIPTION            |

| REVISIONS   |                        |
|-------------|------------------------|
| ISSUE:      | ZONING SUBMITTAL NO. 5 |
| ISSUE DATE: | 11/14/2019             |
| PROJECT NO: | 31-8445 00             |
| DRAWN BY:   | SSG                    |
| CHECKED BY: | SC                     |

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SHEET TITLE:  
LANDSCAPE PLAN

L-100







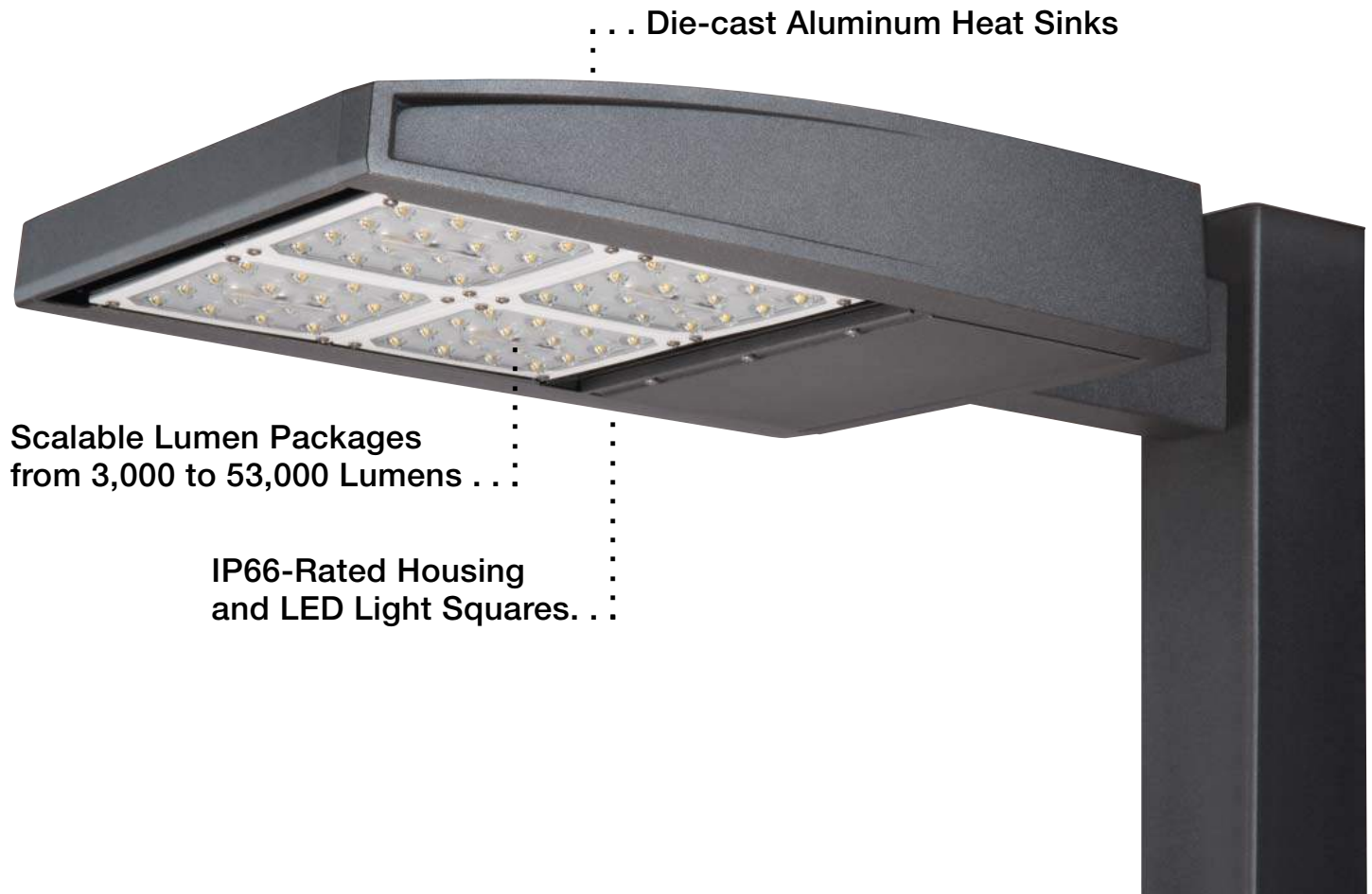
Packet Pg. 816



## LED Area and Site Luminaire



**Cooper Lighting**  
by **EATON**



### Mounting Options



#### Occupancy Sensor

The optional motion sensor reduces energy use for site lighting applications.



#### Mast Arm Adapter

An optional cast aluminum mast arm adapter secures fixture head to nominal 2" (2-3/8" O.D. pipe size) horizontal steel tenon arm.



#### Wall Mount Bracket

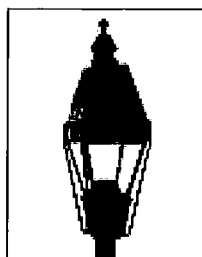
An optional wall-mount plate is secured to wall by four lag bolts (supplied by others).

Wall mtd



|                                                                                     |                                                              |                                                  |                                   |
|-------------------------------------------------------------------------------------|--------------------------------------------------------------|--------------------------------------------------|-----------------------------------|
|  | <b>Sternberg Lighting</b><br><small>ESTABLISHED 1962</small> | POLE HEIGHTS HAVE<br>A TOLERANCE OF<br>+ OR - 2" | DRAWING NUMBER<br><b>SC26494A</b> |
| Glen Elyn LED Decorative Luminaire                                                  |                                                              |                                                  |                                   |
| 962TC-OTLED/PT/XRLED-9L30T3-MDL14-SVT/CA/FDRB/BK                                    |                                                              |                                                  |                                   |
| SS                                                                                  |                                                              |                                                  |                                   |





## 962TC-XRLED GLEN ELLYN SERIES

LED

EPA  
3.65 (ft²)  
WEIGHT  
36 LBS

5 YEAR  
WARRANTY  
**5**

LUMEN  
RANGE  
1,550 to  
5,210

LIFE SPAN  
L70  
MINIMUM  
50,000  
HOURS

UL  
LISTED  
**UL**

CLICK  
FOR FAQ'S  
**FAQ**

JOB NAME

FIXTURE TYPE

L5

MEMO

## BUILD A PART NUMBER

ORDERING EXAMPLE: 2A-962TC-XRLED-12L45T5-MDL14-CA-HSS-FHD/478PM/2112FP5/SCC/BKT

| OPTIONAL<br>ACCESSORIES | Fixture | LED | CCT | Type | Driver | Lens | Option<br>House Side<br>Shield | Option<br>Fuse | Option<br>Internal<br>Lens | Option<br>Soft Vue<br>Diffuse | Option<br>Soft Vue<br>Heavy Diffuse | Finish |
|-------------------------|---------|-----|-----|------|--------|------|--------------------------------|----------------|----------------------------|-------------------------------|-------------------------------------|--------|
|                         |         |     |     |      |        |      |                                |                |                            |                               |                                     |        |

## Mounting Configuration

(Click here to view mounting configuration sheet)

- 1W • 2A • 3A90 • 1AM
- PT • 2A90 • 3APT • 2AM
- 1A • 2APT • 4A • 450PB
- 1APT • 3A • 4APT

W = Wall Mount PT = Post Top A = Arm Mount AM = Arm Mid-Mount PB = Pler Base

## Fixture

- 962TC • 962TCGT (Glow Top)<sup>1</sup>

<sup>1</sup> Add 10 watts.

## LED

- XRLED-9L • XRLED-12L

## CCT - Color Temperature (K)

- 45(00) • 35(00) • 27(00) • **30**

## Type

- T2 • **T3** • T4 • T5

## Driver

- MDL07 (120v-277v, 700Ma)<sup>2</sup>
- **MDL14** (120v-277v, 1400Ma)
- MDH07 (347v-480v, 700Ma)<sup>2</sup>
- MDH14 (347v-480v, 1400Ma)

<sup>2</sup> For use with 9L system only.

## Lens (Click here to link to lens options)

- SV1 (Flat Soft Vue Medium Diffuse Acrylic)
- SV2 (Flat Soft Vue Heavy Diffuse Acrylic)
- CA (Clear Acrylic)
- CTA (Clear Textured Acrylic)
- CSA (Clear Seeded Acrylic)
- PA (Pristmatic Acrylic)
- WA (White Acrylic) • **SVT**

## Options (Click here to view accessories sheet)

- HSS House Side Shield
- FHD<sup>3</sup> Dual Fuse & Holder
- SVD1 Soft Vue Medium Diffuse, Internal Dome Lens
- SVD2 Soft Vue Heavy Diffuse, Internal Dome Lens

<sup>3</sup> Ships loose for installation in base.

## Arm (Click here to link to arm specification page)

See Arms &amp; Wall Brackets specification sheets.

- 478 • 480 • 6236 • 579 • TA • TASC

## Pole (Click here to link to pole specification page)

See Pole specification sheets.

## Finish (Click here to view paint finish sheet)

Standard Finishes<sup>4</sup>

- BKT Black Textured • **BK**
- WHT White Textured
- PGT Park Green Textured
- ABZT Architectural Medium Bronze Textured
- DBT Dark Bronze Textured

<sup>4</sup> Smooth finishes are available upon requestCustom Finishes<sup>5</sup>

- CM Custom Match
- OI Old Iron
- RT Rust
- WBR Weathered Brown
- CD Cedar
- WBK Weathered Black
- TT Two Tone

<sup>5</sup> Custom colors require upcharge.

## Sternberg Select Finishes

- VG Verde Green
- SI Swedish Iron
- OWGT Old World Gray Textured

## Specifications

## Fixture

The 962TC fixture shall be 14" wide and the overall height shall have 42". It shall be made of heavy wall cast aluminum, 356 alloy and lenses shall be made of vandal resistant acrylic. The fixture cage shall be cast in one piece and shall have a lift hinged door. The four paneled roof shall be closed with solid aluminum panels. The Luminaire shall be UL approved in US and Canada.

## Fitter

The fitter or base shall be heavy wall cast aluminum, 356 alloy for high tensile strength. It shall have an inside diameter opening to accept a 3" diameter pole or tenon. When ordered with a Sternberg aluminum pole, the fitter shall be set screwed to the pole top or tenon.

## LEDs

The luminaire shall use high output, high brightness LED's. They shall be mounted in arrays, on printed circuit boards designed to maximize heat transfer to the heat sink surface. The arrays shall be downward facing to minimize up-light. The LED's and printed circuit boards shall be environmentally friendly and 100% recyclable, they shall also be protected from moisture and corrosion by a conformal coating of 1 to 3 mils. They shall not contain lead, mercury or any other hazardous substances and shall be RoHS compliant. The LED life rating data shall be determined in accordance with IESNA LM-80. The High Performance white LED's will have a life expectancy of approximately 50,000 hours with not less than 70% of original brightness (lumen maintenance), rated at 25°C. The High Brightness, High Output LED's shall be 4500K (3500K or 2700K option) color temperature with a typical of 70 CRI. Consult factory for custom color CCT. The luminaire shall have a minimum \_\_\_\_\_ (see table) delivered initial lumen rating when operated at steady state with an average ambient temperature of 25°C (77°F).

## Optics

The luminaire shall be provided with individual, refractor type optics applied to each LED. The luminaire shall provide Type \_\_\_\_ (2, 3, 4 or 5) light distribution per the IESNA classifications. Testing shall be done in accordance with IESNA LM-79.

See next page



SternbergLighting

ESTABLISHED 1923 / EMPLOYEE OWNED

800-621-3376  
555 Lawrence Ave., Roselle, IL 60172  
info@sternberglighting.com  
www.sternberglighting.com

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Packet Pg. 820

## 962TC-XRLED GLEN ELLYN SERIES

LED

**Electronic Drivers**

The LED driver shall be U.L. Recognized. It shall be securely mounted inside the fixture, for optimized performance and longevity. It shall be supplied with a quick-disconnect electrical connector on the power supply, providing easy power connections and fixture installation. It shall have overload as well as short circuit protection, and have a DC voltage output, constant current design, 50/60HZ. It shall be supplied with line-ground, line-neutral and neutral-ground electrical surge protection in accordance with IEEE/ANSI C62.41.2 guidelines. It shall be dimmable using a 0-10v signal.

For sources over 50w: The driver shall have a minimum efficiency of 90%. The driver shall be rated at full load with THD<20% and a power factor of greater than 0.90. The driver shall contain over-heat protection.

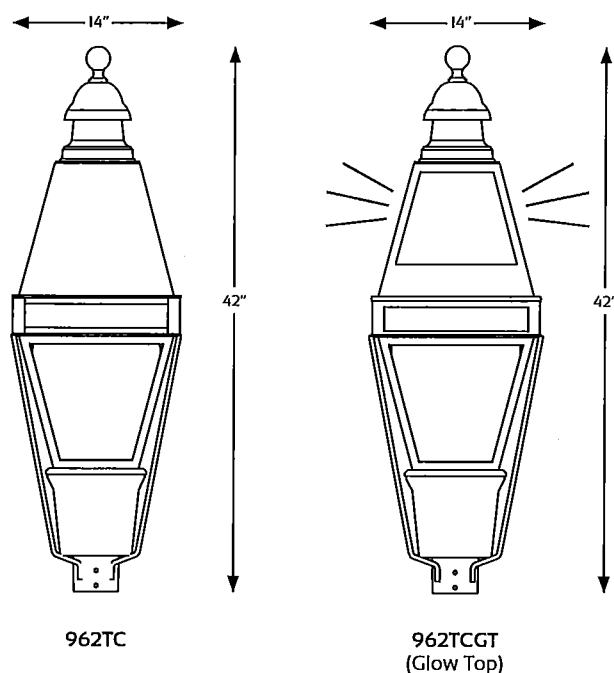
For sources under 50w: The driver shall have a minimum efficiency of 88%.

**Warranty**

Five-year warranty. See product and finish warranty guide for details.

**Finish**

Refer to website for details.

**Fixtures****Performance (Based on CSA Lens)**

| LIGHT SOURCE  | T2 DELIVERED LUMENS | EFFICACY (LPW) | T3 DELIVERED LUMENS | EFFICACY (LPW) | T4 DELIVERED LUMENS | EFFICACY (LPW) | T5 DELIVERED LUMENS | EFFICACY (LPW) | WATTAGE* |
|---------------|---------------------|----------------|---------------------|----------------|---------------------|----------------|---------------------|----------------|----------|
| 09L27T_-MDL07 | 1610                | 73.1           | 1600                | 72.6           | 1550                | 70.3           | 1670                | 75.9           | 22       |
| 09L35T_-MDL07 | 1895                | 86             | 1880                | 85.5           | 1820                | 82.8           | 1965                | 89.4           | 22       |
| 09L45T_-MDL07 | 2035                | 92.5           | 2025                | 92             | 1960                | 89             | 2115                | 96.1           | 22       |
| 09L27T_-MDL14 | 2860                | 59.6           | 2810                | 58.5           | 2745                | 57.1           | 2960                | 61.6           | 48       |
| 09L35T_-MDL14 | 3370                | 70.2           | 3310                | 68.9           | 3230                | 67.3           | 3485                | 72.6           | 48       |
| 09L45T_-MDL14 | 3625                | 75.5           | 3560                | 74.1           | 3470                | 72.3           | 3745                | 78             | 48       |
| 12L27T_-MDL14 | 4060                | 67.6           | 3960                | 66             | 3945                | 65.7           | 4120                | 68.6           | 60       |
| 12L35T_-MDL14 | 4780                | 79.6           | 4660                | 77.7           | 4640                | 77.4           | 4850                | 80.8           | 60       |
| 12L45T_-MDL14 | 5140                | 85.6           | 5010                | 83.5           | 4990                | 83.2           | 5210                | 86.9           | 60       |

\*Glow top option adds 10 watts.



**SternbergLighting**

ESTABLISHED 1923 / EMPLOYEE OWNED

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info@sternberglighting.com  
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Packet Pg. 821

| REV | REVISIONS             | DATE    | REVSD | DATE | REVSD |
|-----|-----------------------|---------|-------|------|-------|
| A   | ORIGINAL              | 8/30/16 |       |      |       |
| B   | UPDATED F880 --> FDRB | 10-5-16 | AMK   |      |       |
|     |                       |         |       |      |       |
|     |                       |         |       |      |       |

|      |    |
|------|----|
| DATE | SS |
| REV  |    |
| DATE |    |
| REV  |    |

Glen Elyn LED Decorative Luminaire

962TC-OTLED/PT/XRLED-12L30T3-MDL14-SVT/CA/FDRB/BK

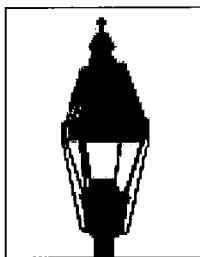
POLE HEIGHTS HAVE A TOLERANCE OF + OR - 2"

SternbergLighting

ESTABLISHED 1962

SC26494A

[illegible]



## 962TC-XRLED GLEN ELLYN SERIES

LED

EPA  
3.65 (ft²)  
WEIGHT  
36 LBS

5 YEAR  
WARRANTY

LUMEN  
RANGE  
1,550 to  
5,210

LIFE SPAN  
L70  
MINIMUM  
50,000  
HOURS

UL  
LISTED

CLICK  
FOR FAQ'S

JOB NAME

FIXTURE TYPE

L6

MEMO

## BUILD A PART NUMBER

ORDERING EXAMPLE: 2A-962TC-XRLED-12L45T5-MDL14-CA-HSS-FHD/478PM/2112FP5/SCC/BKT

| Mounting Config | Fixture | LED | CCT | Type | Driver | Lens | Option House Side Shield | Option Fuse | Option Internal Lens | 9L<br>3500K<br>4000K<br>4500K | 30<br>3500K<br>4000K<br>4500K | Finish |
|-----------------|---------|-----|-----|------|--------|------|--------------------------|-------------|----------------------|-------------------------------|-------------------------------|--------|
|                 |         |     |     |      |        |      |                          |             |                      |                               |                               |        |

## Mounting Configuration

(Click here to view mounting configuration sheet)

- 1W • 2A • 3A90 • 1AM
- PT • 2A90 • 3APT • 2AM
- 1A • 2APT • 4A • 450PB
- 1APT • 3A • 4APT

W = Wall Mount PT = Post Top A = Arm Mount AM = Arm Mid-Mount PB = Pier Base

## Fixture

- 962TC • 962TCGT (Glow Top)<sup>1</sup>

<sup>1</sup> Add 10 watts.

## LED

- XRLED-9L • XRLED-12L<sup>2</sup>

## CCT - Color Temperature (K)

- 45(00) • 35(00) • 27(00) • 30

## Type

- T2 • T3 • T4 • T5

## Driver

- MDL07 (120v-277v, 700Ma)<sup>2</sup>
- MDL14 (120v-277v, 1400Ma)
- MDH07 (347v-480v, 700Ma)<sup>2</sup>
- MDH14 (347v-480v, 1400Ma)

<sup>2</sup> For use with 9L system only.

## Lens (Click here to link to lens options)

- SV1 (Flat Soft Vue Medium Diffuse Acrylic)
- SV2 (Flat Soft Vue Heavy Diffuse Acrylic)
- CA (Clear Acrylic)
- CTA (Clear Textured Acrylic)
- CSA (Clear Seeded Acrylic)
- PA (Pristmatic Acrylic)
- WA (White Acrylic) • SVT

## Options (Click here to view accessories sheet)

- HSS House Side Shield
- FHD<sup>3</sup> Dual Fuse & Holder
- SVD1 Soft Vue Medium Diffuse, Internal Dome Lens
- SVD2 Soft Vue Heavy Diffuse, Internal Dome Lens

<sup>3</sup> Ships loose for installation in base.

## Arm (Click here to link to arm specification page)

See Arms &amp; Wall Brackets specification sheets.

- 478 • 480 • 6236 • 579 • TA • TASC

## Pole (Click here to link to pole specification page)

See Pole specification sheets.

## Finish (Click here to view paint finish sheet)

Standard Finishes<sup>4</sup>

- BKT Black Textured
- WHT White Textured
- PGT Park Green Textured
- ABZT Architectural Medium Bronze Textured
- DBT Dark Bronze Textured

<sup>4</sup> Smooth finishes are available upon requestCustom Finishes<sup>5</sup>

- CM Custom Match
- OI Old Iron
- RT Rust
- WBR Weathered Brown
- CD Cedar
- WBK Weathered Black
- TT Two Tone

<sup>5</sup> Custom colors require upcharge.

## Sternberg Select Finishes

- VG Verde Green
- SI Swedish Iron
- OWGT Old World Gray Textured

## Specifications

## Fixture

The 962TC fixture shall be 14" wide and the overall height shall have 42". It shall be made of heavy wall cast aluminum, 356 alloy and lenses shall be made of vandal resistant acrylic. The fixture cage shall be cast in one piece and shall have a lift hinged door. The four paneled roof shall be closed with solid aluminum panels. The Luminaire shall be UL approved in US and Canada.

CA/FDRB/BK

## Fitter

The fitter or base shall be heavy wall cast aluminum, 356 alloy for high tensile strength. It shall have an inside diameter opening to accept a 3" diameter pole or tenon. When ordered with a Sternberg aluminum pole, the fitter shall be set screwed to the pole top or tenon.

## LEDs

The luminaire shall use high output, high brightness LED's. They shall be mounted in arrays, on printed circuit boards designed to maximize heat transfer to the heat sink surface. The arrays shall be downward facing to minimize up-light. The LED's and printed circuit boards shall be environmentally friendly and 100% recyclable, they shall also be protected from moisture and corrosion by a conformal coating of 1 to 3 mils. They shall not contain lead, mercury or any other hazardous substances and shall be RoHS compliant. The LED life rating data shall be determined in accordance with IESNA LM-80. The High Performance white LED's will have a life expectancy of approximately 50,000 hours with not less than 70% of original brightness (lumen maintenance), rated at 25°C. The High Brightness, High Output LED's shall be 4500K (3500K or 2700K option) color temperature with a typical of 70 CRI. Consult factory for custom color CCT. The luminaire shall have a minimum \_\_\_\_\_ (see table) delivered initial lumen rating when operated at steady state with an average ambient temperature of 25°C (77°F).

## Optics

The luminaire shall be provided with individual, refractor type optics applied to each LED. The luminaire shall provide Type \_\_\_\_ (2, 3, 4 or 5) light distribution per the IESNA classifications. Testing shall be done in accordance with IESNA LM-79.

See next page



SternbergLighting

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Packet Pg. 823

## 962TC-XRLED GLEN ELLYN SERIES

LED

**Electronic Drivers**

The LED driver shall be U.L. Recognized. It shall be securely mounted inside the fixture, for optimized performance and longevity. It shall be supplied with a quick-disconnect electrical connector on the power supply, providing easy power connections and fixture installation. It shall have overload as well as short circuit protection, and have a DC voltage output, constant current design, 50/60HZ. It shall be supplied with line-ground, line-neutral and neutral-ground electrical surge protection in accordance with IEEE/ANSI C62.41.2 guidelines. It shall be dimmable using a 0-10v signal.

For sources over 50w: The driver shall have a minimum efficiency of 90%. The driver shall be rated at full load with THD<20% and a power factor of greater than 0.90. The driver shall contain over-heat protection.

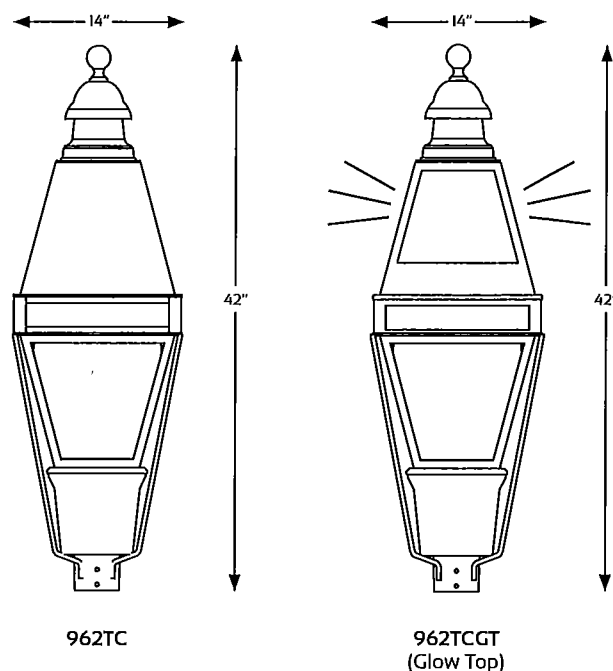
For sources under 50w: The driver shall have a minimum efficiency of 88%.

**Warranty**

Five-year warranty. See product and finish warranty guide for details.

**Finish**

Refer to website for details.

**Fixtures****Performance (Based on CSA Lens)**

| LIGHT SOURCE  | T2 DELIVERED LUMENS | EFFICACY (LPW) | T3 DELIVERED LUMENS | EFFICACY (LPW) | T4 DELIVERED LUMENS | EFFICACY (LPW) | T5 DELIVERED LUMENS | EFFICACY (LPW) | WATTAGE* |
|---------------|---------------------|----------------|---------------------|----------------|---------------------|----------------|---------------------|----------------|----------|
| 09L27T_-MDL07 | 1610                | 73.1           | 1600                | 72.6           | 1550                | 70.3           | 1670                | 75.9           | 22       |
| 09L35T_-MDL07 | 1895                | 86             | 1880                | 85.5           | 1820                | 82.8           | 1965                | 89.4           | 22       |
| 09L45T_-MDL07 | 2035                | 92.5           | 2025                | 92             | 1960                | 89             | 2115                | 96.1           | 22       |
| 09L27T_-MDL14 | 2860                | 59.6           | 2810                | 58.5           | 2745                | 57.1           | 2960                | 61.6           | 48       |
| 09L35T_-MDL14 | 3370                | 70.2           | 3310                | 68.9           | 3230                | 67.3           | 3485                | 72.6           | 48       |
| 09L45T_-MDL14 | 3625                | 75.5           | 3560                | 74.1           | 3470                | 72.3           | 3745                | 78             | 48       |
| 12L27T_-MDL14 | 4060                | 67.6           | 3960                | 66             | 3945                | 65.7           | 4120                | 68.6           | 60       |
| 12L35T_-MDL14 | 4780                | 79.6           | 4660                | 77.7           | 4640                | 77.4           | 4850                | 80.8           | 60       |
| 12L45T_-MDL14 | 5140                | 85.6           | 5010                | 83.5           | 4990                | 83.2           | 5210                | 86.9           | 60       |

\*Glow top option adds 10 watts.



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Packet Pg. 824





# 962TC-XRLED GLEN ELLYN SERIES

LED

EPA  
3.65 (ft<sup>2</sup>)  
WEIGHT  
36 LBS

5 YEAR  
WARRANTY

LUMEN  
RANGE  
1,550 to  
5,210

LIFE SPAN  
L70  
MINIMUM  
50,000  
HOURS

UL  
LISTED

CLICK  
FOR FAQ'S

JOB NAME \_\_\_\_\_

FIXTURE TYPE L6 \_\_\_\_\_

MEMO 962TC-XR-LED-12L45T2  
-MDL14-HSS

## BUILD A PART NUMBER

ORDERING EXAMPLE: 2A-962TC-XRLED-12L45T5-MDL14-CA-HSS-FHD/478PM/2112FP5/SCC/BKT

| Mounting Config. | Fixture | LED     | CCT | Type | Driver | Lens | Option House Side Shield | Option Fuse | Option Internal Lens | Arm See Arm Spec Sheets | Pole See Pole Spec Sheets | Finish |
|------------------|---------|---------|-----|------|--------|------|--------------------------|-------------|----------------------|-------------------------|---------------------------|--------|
| PT               | 962TC   | XRLED-1 | 45  | T2   | MDL14  |      | HSS                      |             |                      |                         |                           | BKT    |

### Mounting Configuration

(Click here to view mounting configuration sheet)

- IW
- PT
- IA
- IAPT
- 2A
- 2A90
- 2APT
- 3A
- 3A90
- 3APT
- 4A
- 4APT
- IAM
- 2AM
- 450PB

W = Wall Mount PT = Post Top A = Arm Mount AM = Arm Mid-Mount PB = Pier Base

### Fixture

- 962TC
- 962TCGT (Glow Top)<sup>1</sup>

<sup>1</sup> Add 10 watts.

### LED

- XRLED-9L
- XRLED-12L

### CCT - Color Temperature (K)

- 45(00)
- 35(00)
- 27(00)

### Type

- T2
- T3
- T4
- T5

### Driver

- MDL07 (120v-277v, 700Ma)<sup>2</sup>
- MDL14 (120v-277v, 1400Ma)
- MDH07 (347v-480v, 700Ma)<sup>2</sup>
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### Lens (Click here to link to lens options)

- SV1 (Flat Soft Vue Medium Diffuse Acrylic)
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- SVD2 Soft Vue Heavy Diffuse, Internal Dome Lens

<sup>3</sup> Ships loose for installation in base.

### Arm (Click here to link to arm specification page)

See Arms & Wall Brackets specification sheets.

- 478
- 480
- 6236
- 579
- TA
- TASCR

### Pole (Click here to link to pole specification page)

See Pole specification sheets.

### Finish (Click here to view paint finish sheet)

#### Standard Finishes<sup>4</sup>

- BKT Black Textured
- WHT White Textured
- PGT Park Green Textured
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#### Custom Finishes<sup>5</sup>

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### Optics

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See next page

# 962TC-XRLED GLEN ELLYN SERIES

LED

## Electronic Drivers

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**For sources over 50w:** The driver shall have a minimum efficiency of 90%. The driver shall be rated at full load with THD<20% and a power factor of greater than 0.90. The driver shall contain over-heat protection.

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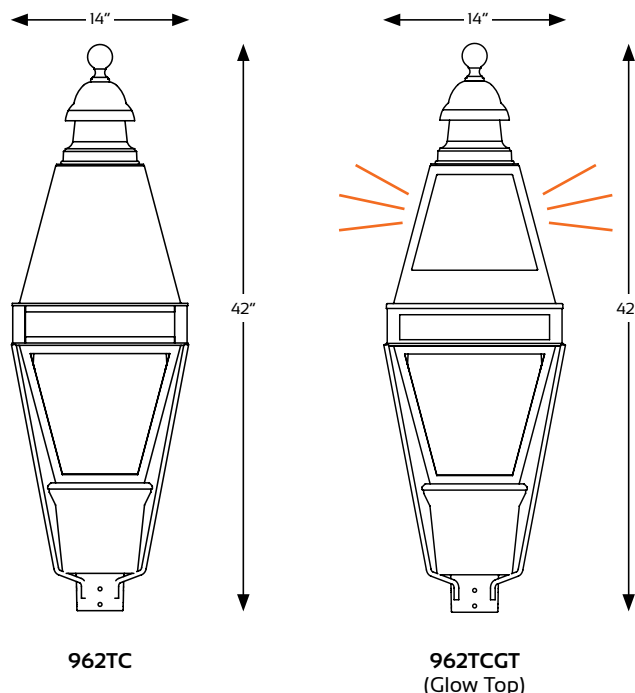
## Warranty

Five-year warranty. See product and finish warranty guide for details.

## Finish

Refer to website for details.

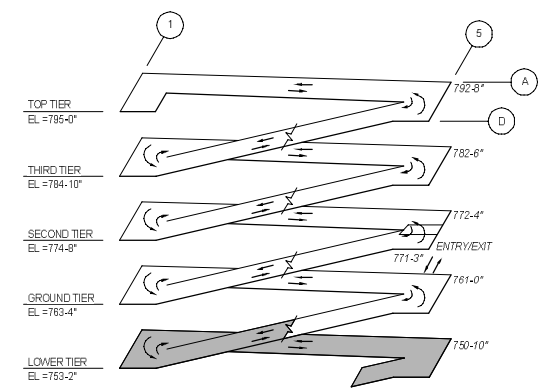
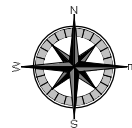
## Fixtures



## Performance (Based on CSA Lens)

| LIGHT SOURCE  | T2 DELIVERED LUMENS | EFFICACY (LPW) | T3 DELIVERED LUMENS | EFFICACY (LPW) | T4 DELIVERED LUMENS | EFFICACY (LPW) | T5 DELIVERED LUMENS | EFFICACY (LPW) | WATTAGE* |
|---------------|---------------------|----------------|---------------------|----------------|---------------------|----------------|---------------------|----------------|----------|
| 09L27T_-MDL07 | 1610                | 73.1           | 1600                | 72.6           | 1550                | 70.3           | 1670                | 75.9           | 22       |
| 09L35T_-MDL07 | 1895                | 86             | 1880                | 85.5           | 1820                | 82.8           | 1965                | 89.4           | 22       |
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| 12L45T_-MDL14 | 5140                | 85.6           | 5010                | 83.5           | 4990                | 83.2           | 5210                | 86.9           | 60       |

\*Glow top option adds 10 watts.

ISOMETRIC

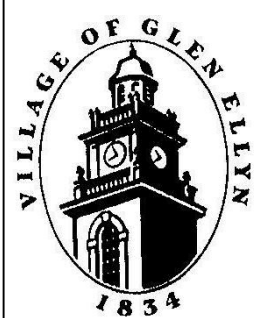
NOTES:

1. SEE SHEET AG-100 FOR TYPICAL STRIPING DETAILS AND FLOOR MARKINGS.
2. SEE SHEETS AG-601, AG-602 AND AG-701 FOR SIGN SCHEDULE, COMPONENTS AND MOUNTING DETAILS.
3. ALL DIMENSIONS FOR STRIPING ARE FROM FACE OF COLUMN OR INSIDE FACE OF WALL, UNO.
4. FOR FLOOR ELEVATIONS, SEE STRUCTURAL PLANS.
5. SEE 5/S-550 FOR PIPE BOLLARD DETAIL, TYPE.
6. INDICATES ACCESSIBLE PARKING STALL.

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ENGINEERING  
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**Civil Engineering / Landscape Architecture**

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Grayslake, IL 60030  
Tel. 847.223.4804  
[www.eea-ll.com](http://www.eea-ll.com)  
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VILLAGE OF GLEN ELLYN  
PUBLIC PARKING GARAGE

535 Duane Street  
Glen Ellyn, IL 60137

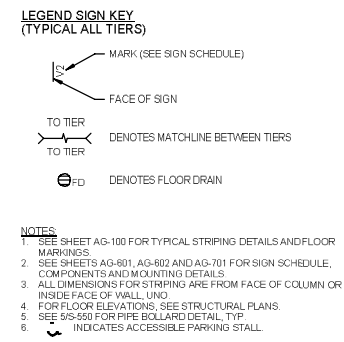
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| MARK        | DATE                   | DESCRIPTION |
|-------------|------------------------|-------------|
| REVISIONS   |                        |             |
| ISSUE:      | ZONING SUBMITTAL NO. 6 |             |
| ISSUE DATE: | 11/14/2019             |             |
| PROJECT NO: | 31-8445.00             |             |
| DRAWN BY:   | MJK                    |             |
| CHECKED BY: | BFN                    |             |

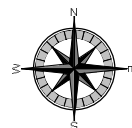
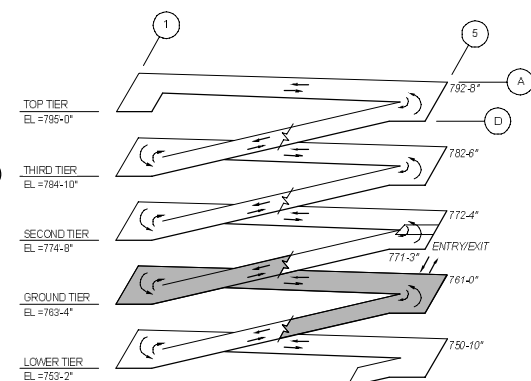
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SHEET TITLE:  
LOWER TIER PLAN

AG-101



| PARKING STALL COUNT - GARAGE                |          |                |                |       |
|---------------------------------------------|----------|----------------|----------------|-------|
| 9'-0" 90° STANDARD STALL                    |          |                |                |       |
| 8'-0" ACCESSIBLE STALL + 8'-0" ACCESS AISLE |          |                |                |       |
| TIER                                        | STANDARD | CAR ACCESSIBLE | VAN ACCESSIBLE | TOTAL |
| LOWER                                       | 51       | 0              | 0              | 51    |
| GROUND                                      | 48       | 6              | 2              | 56    |
| SECOND                                      | 82       | 0              | 0              | 82    |
| THIRD                                       | 62       | 0              | 0              | 62    |
| TOP                                         | 46       | 0              | 0              | 46    |
|                                             | 269      | 6              | 2              | 277   |



Design Builder:



**Mortenson**  
M. A. MORTENSON COMPANY

300 Park Boulevard, Suite 100  
Itasca, IL 60143  
Tel: 847.981.9600  
[www.mortenson.com](http://www.mortenson.com)

**Design Consultants:**

 **WALKER**  
CONSULTANTS

**Parking Consultant / Structural Engineer**

2895 Greenspoint Parkway, Suite 600  
Hoffman Estates IL 60169  
Tel 847.697.2640  
[www.walkerconsultants.com](http://www.walkerconsultants.com)  
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VILLAGE OF GLEN ELLYN  
PUBLIC PARKING GARAGE

535 Duane Street  
Glen Ellyn, IL 60137

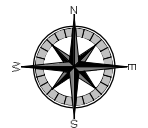
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|                                                                                                                                                           |                        |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|
| ISSUE                                                                                                                                                     | ZONING SUBMITTAL NO. 6 |
| ISSUE DATE                                                                                                                                                | 11/14/2019             |
| PROJECT NO.                                                                                                                                               | 318445.00              |
| DRAWN BY:                                                                                                                                                 | MJK                    |
| CHECKED BY:                                                                                                                                               | BFN                    |
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| SHEET TITLE:<br><b>GROUND TIER PLAN</b>                                                                                                                   |                        |

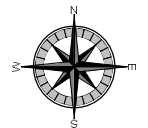
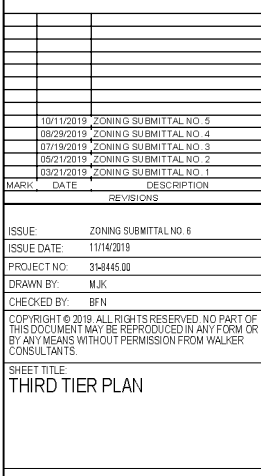
AG-102



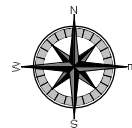
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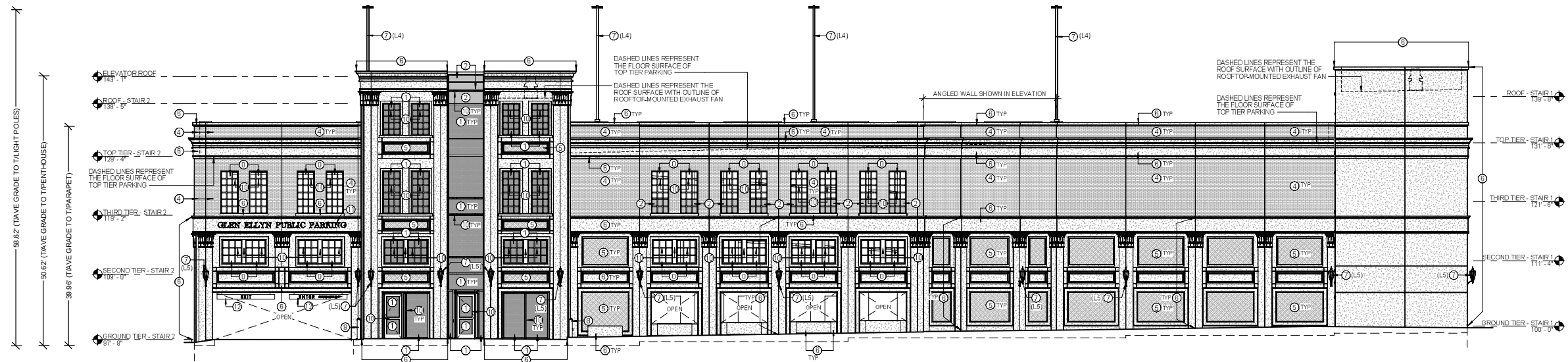




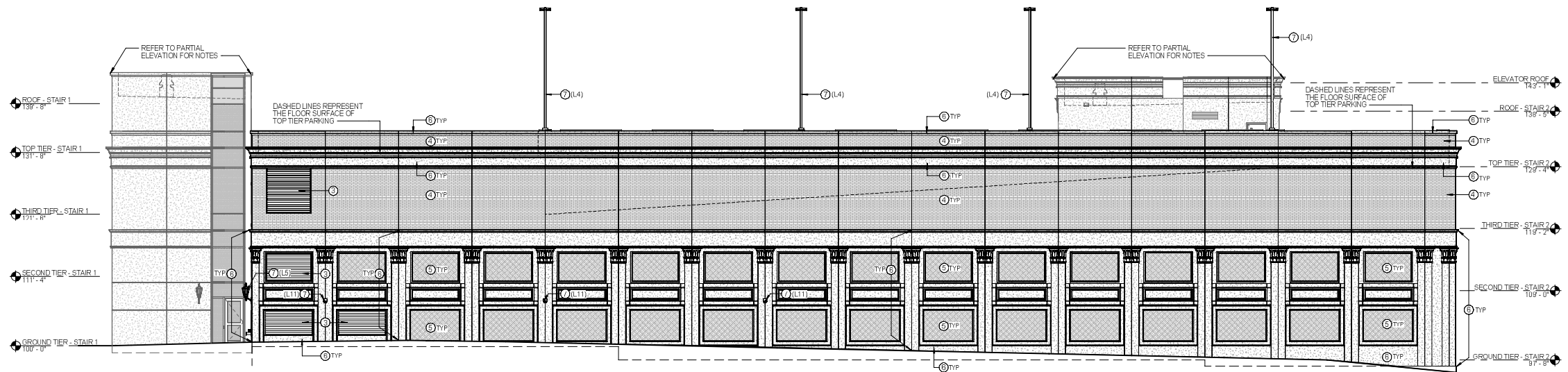
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ISOMETRIC

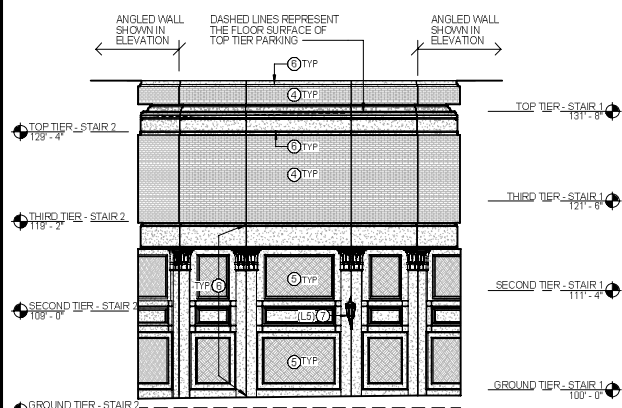
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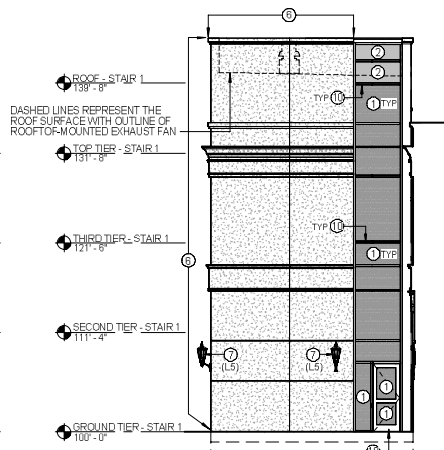
1 NORTH ELEVATION  
1/8" = 1'-0" 0 12



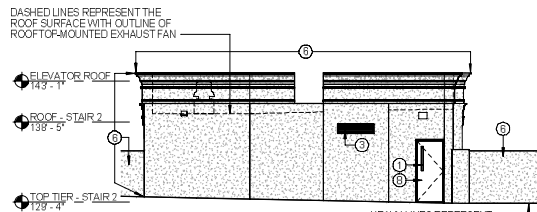
2 SOUTH ELEVATION  
1/8" = 1'-0" 0 12



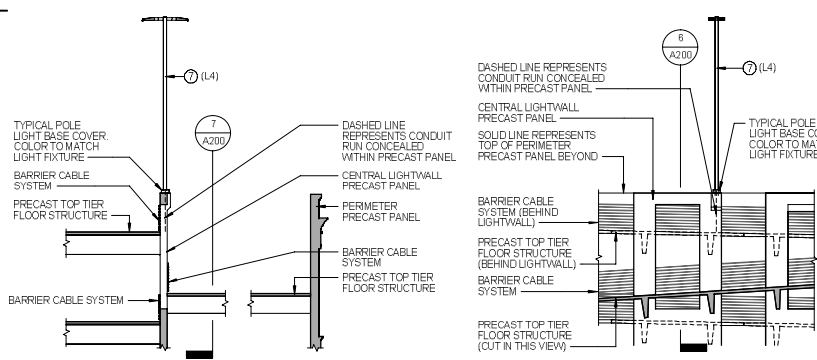
3 PARTIAL NORTH ELEVATION  
1/8" = 1'-0" 0 12



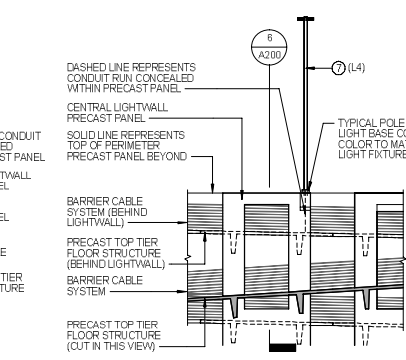
4 PARTIAL SOUTH ELEVATION  
1/8" = 1'-0" 0 12



5 PARTIAL SOUTH ELEVATION  
1/8" = 1'-0" 0 12



6 POLE LIGHT FIXTURE AT LIGHTWALL  
1/8" = 1'-0" 0 12



7 POLE LIGHT FIXTURE AT LIGHTWALL  
1/8" = 1'-0" 0 12

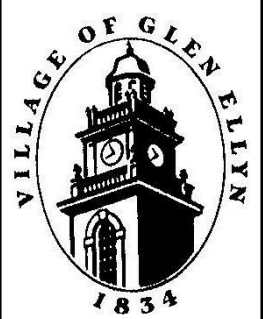
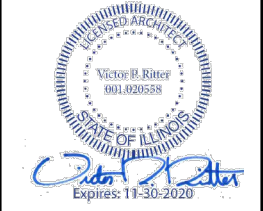
| EXTERIOR ELEVATION LEGEND |                                   |                                                                                                                         |               |                                                                                                                            |
|---------------------------|-----------------------------------|-------------------------------------------------------------------------------------------------------------------------|---------------|----------------------------------------------------------------------------------------------------------------------------|
| MATERIAL SHADING          | MATERIAL                          | COLOR                                                                                                                   | MATERIAL SPEC | PURPOSE                                                                                                                    |
| NO PATTERN                | OPEN FRAME - NO GLASS             | NONE                                                                                                                    | (1)           | OPEN AIR FROM EXTERIOR INTO GARAGE STRUCTURE                                                                               |
|                           | 1/4" THICK CLEAR GLAZING          | CLEAR                                                                                                                   | (1)           | GLASS AT STAIR & ELEVATOR TOWER WINDOWS AND DOORS                                                                          |
|                           | 1/4" THICK SPANDREL GLAZING       | DARK GRAY                                                                                                               | (2)           | GLASS TO CONCEAL WALL OR STRUCTURE BEYOND                                                                                  |
|                           | MECHANICAL LOUVER - ALUMINUM      | SILVER METALLIC PAINTED                                                                                                 | (3)           | MECHANICAL EXHAUST/INTAKE LOUVERS                                                                                          |
|                           | THIN BRICK - RUNNING BOND PATTERN | REDY BLACK BLEND TO MATCH EXISTING CIVIC CENTER BRICK. ENDCOTT THIN BRICK & TILE LLC BLEND: AUTUMN SANDS / MERLOT SANDS | (4)           | TYPICAL BRICK FACADE MATERIAL                                                                                              |
|                           | THIN BRICK - BASKETWEAVE PATTERN  | REDY BLACK BLEND TO MATCH EXISTING CIVIC CENTER BRICK. ENDCOTT THIN BRICK & TILE LLC BLEND: AUTUMN SANDS / MERLOT SANDS | (5)           | ACCENT BRICK FACADE MATERIAL                                                                                               |
|                           | PRECAST CONCRETE                  | MATCH INDIANA BUFF LIMESTONE ON GLEN ELLYN CIVIC CENTER DUANE STREET FACADE                                             | (6)           | TYPICAL "STONE" FACADE MATERIAL                                                                                            |
| NO PATTERN                | MISC. METAL LIGHT FIXTURE         | BLACK PAINTED                                                                                                           | (7) (L4)      | TYPICAL LIGHT FIXTURE FINISH - SEE LIGHTING SCHEDULE                                                                       |
| NO PATTERN                | METAL                             | PAINTED TO MATCH PRECAST COLOR (BUFF LIMESTONE)                                                                         | (8)           | EXTERIOR BOLLARDS AND GALV. STEEL DOORS - PAINT                                                                            |
| NO PATTERN                | FIXED LOUVER - STEEL              | SILVER METALLIC PAINTED                                                                                                 | (9)           | DECORATIVE METAL GATE - LOUVER SCREEN (TRASH ENCL.)                                                                        |
| NO PATTERN                | ALUMINUM                          | CLEAR ANODIZED (SILVER)                                                                                                 | (10)          | ALUMINUM ENTRY DOORS, CURTAIN WALL FRAMING, STOREFRONT WINDOW FRAMING, ETC.                                                |
| NO PATTERN                | ALUMINUM                          | BLACK ANODIZED                                                                                                          | (11)          | VILLAGE FACILITY SIGN - IS SHOWN FOR ILLUSTRATIVE PURPOSES ONLY AND SUBJECT TO CHAPTER 4.6, SIGN CODE, OF THE VILLAGE CODE |
| NO PATTERN                | PVC                               | BLACK BACKGROUND WITH WHITE REFLECTIVE LETTER DIE-CUT TEXT                                                              | (12)          | 10" DIAMETER X 10'-0" LONG SUSPENDED SIGNAGE AT VEHICULAR ENTRY                                                            |
| NO PATTERN                | CAST-IN-PLACE CONCRETE            | STANDARD GRAY CONCRETE                                                                                                  | (13)          | EXPOSED CONCRETE FOUNDATIONS BELOW PRECAST PANELS                                                                          |

Design Builder:  
**Mortenson**  
M.A. MORTENSON COMPANY  
300 Park Boulevard, Suite 100  
Itasca, IL 60143  
Tel: 847.981.8800  
www.mortenson.com

Design Consultants:  
**WALKER CONSULTANTS**  
Parking Consultant / Structural Engineer  
2885 Greenspoint Parkway, Suite 600  
Hoffman Estates, IL 60169  
Tel: 847.697.2640  
www.walkerconsultants.com  
LICENSE NO. 194.000947-0006

**SHIVEHATTERY**  
ARCHITECTURE+ENGINEERING  
Architect / MEP - FP Engineer  
440 North Wells Street, Suite 320  
Chicago, IL 60654  
Tel: 312.324.5600  
www.shivehattery.com  
LICENSE NO. 194.000214-0015

**ERIKSSON ENGINEERING ASSOCIATES, LTD.**  
Civil Engineering / Landscape Architecture  
145 Commerce Drive, Suite A  
Graylake, IL 60030  
Tel: 847.223.4804  
www.eesad.com  
LICENSE NO. 194.003220-0002



VILLAGE OF GLEN ELLYN  
PUBLIC PARKING GARAGE

535 Duane Street  
Glen Ellyn, IL 60137

| MARK | DATE       | DESCRIPTION            | REVISIONS |
|------|------------|------------------------|-----------|
|      | 10/11/2019 | ZONING SUBMITTAL NO. 5 |           |
|      | 09/29/2019 | ZONING SUBMITTAL NO. 4 |           |
|      | 07/19/2019 | ZONING SUBMITTAL NO. 3 |           |
|      | 05/21/2019 | ZONING SUBMITTAL NO. 2 |           |
|      | 03/21/2019 | ZONING SUBMITTAL NO. 1 |           |

ISSUE: ZONING SUBMITTAL NO. 6  
ISSUE DATE: 11/14/2019  
PROJECT NO: 7182780  
DRAWN BY: CH  
CHECKED BY: VR  
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SHEET TITLE: EXTERIOR ELEVATIONS

A200







Glen Ellyn Village Board  
535 Duane Street  
Glen Ellyn, IL 60137

Meeting: 01/27/20 07:00 PM  
Department: Glen Ellyn Village Board  
Department Head: William Holmer  
Category: Contract  
Prepared By: William Holmer

TABLED

AGENDA ITEM (ID # 4297)

DOC ID: 4297

## **Motion to Authorize the Village Manager to Execute a Contract with M.A. Mortenson Construction with a Revised Guaranteed Maximum Price (GMP) of \$16,105,628 for the Construction of the Civic Center Public Parking Garage to be Expensed to the Parking Fund**

### **Background**

For years, the community along with past and present Village Boards have discussed and evaluated parking needs in the Central Business District (CBD). This discussion gained significant momentum in 2018 as the Village Board, with feedback from the Chamber of Commerce and the entire downtown business community, began to evaluate potential sites for a parking garage. After considering several sites, the Board settled on the site behind the Civic Center as being the most prudent location for a garage. The rationale was multifaceted. The Civic Center lot could not be developed, had unique grading to allow a basement, and was hidden from view. In addition, this location best serves Main Street businesses (growing restaurant niche), Innovation DuPage and the COD's Business Development Center, and was close enough to the train station to address commuter needs. (Civic Center location is further enhanced with the Train Station Pedestrian Tunnel project moving forward at Forest.)

Early discussions with Civic Center neighbors were positive. Adjacent business owners were in favor from the start due to the availability of parking in close proximity to their businesses. One adjacent resident to the south was extremely positive about the need for the garage and its positive impact for the community - the resident simply asked the Village to consider the aesthetics of the structure due to the proximity to residential neighbors. This comment fueled staff's desire to work with neighbors regarding the design of the garage.

Similar to the Police Station, the Village decided to use a Design Build method, thereby limiting risk and construction cost overruns. A Request for Qualifications was issued in August of 2018 and in November of 2018, the Village chose the Design/Build Team of Mortenson Construction, Shive Hattery, and Walker Consultants to perform the construction management, design and engineering for a public parking garage to be built behind the Civic Center. The Village Board also passed a food & beverage tax to partially fund the project and issued bonds in late 2018 to pay for some of this project.

### **Design**

The design team conducted several meetings with neighbors and the Village Board as options for the garage were explored. Ultimately, design evolved to resemble a structure similar in appearance to the Civic Center, in part to enhance and protect the historic nature of the building. Neighbors were instrumental in the process; in fact, some of the ideas for brick patterns stemmed from their comments and there was overwhelming agreement regarding the appearance and design. The Board



may recall that there was significant discussion surrounding a secondary ingress/egress point which would have required a partnership with the First United Methodist Church to the east. This option was ultimately removed from the design due to neighboring resident opposition and a lukewarm response from church representatives.

The Village purchased the building at 423/425 N. Main Street which has since been incorporated into the design. The demolition of this structure will allow for the creation of the pedestrian connection from the parking garage to the Main Street corridor. In early discussions, it was decided that this connection point would be valuable even in the event that the parking garage was not constructed because it would connect to the existing parking lot. The cost of demolition is included in the proposed Guaranteed Maximum Price (GMP); however, the final pavement and lighting finishes have been excluded from the GMP and staff anticipates GMP#2 later this year. This will be brought back to the Board after finishes for the streetscape have been chosen which will allow for appropriate coordination between the two projects. Therefore, the purchase, demolition and alley/plaza improvements could be viewed as a completely separate project that would be necessary and beneficial regardless of whether we proceed with the parking garage project.

As the design evolved over time, the Village Board directed staff to incorporate enhancements and other improvements to the surrounding areas around the proposed garage. Given that the Civic Center, with the new tenants that moved in this past May, will continue to be a hub for new businesses, the design team has incorporated concepts that will accommodate more activity in this area and add value to adjacent properties. Creating a campus feel and pedestrian friendly amenities will be an improvement that serves all stakeholders and users of the garage for decades.

#### Function and Use

The garage, as designed, is a four story structure with a fifth level below grade - the entire structure has 277 parking spaces. (There are an additional 10 spaces outside of the garage, but within the parking lot footprint, for a grand total of 287.) It is intended for use by Civic Center employees, commuters, CBD merchants, customers, and residents. This parking mix is sure to change as the CBD parking needs evolve. In addition, staff has discussed with the Village Board the potential of shifting some commuter parking from the north side of the tracks to the new garage to provide additional parking throughout the CBD. Below is a table of a loose plan for the allocation of parking spaces within the garage.

| <b>Parking Garage Spaces/Allocation</b> |                                |                                                                    |
|-----------------------------------------|--------------------------------|--------------------------------------------------------------------|
| <b><i>Level</i></b>                     | <b><i>Available Spaces</i></b> | <b><i>Potential Allocation</i></b>                                 |
| Lower                                   | 51                             | Civic Center Employees & Tenants                                   |
| Ground                                  | 56                             | Customers                                                          |
| Second                                  | 62                             | Commuter                                                           |
| Third                                   | 62                             | Commuter                                                           |
| Top                                     | 46                             | 34 Merchant, 12 CBD Resident<br>(Other Overnight Resident Parking) |

|              |            |                                                                  |
|--------------|------------|------------------------------------------------------------------|
| <b>Total</b> | <b>277</b> | <b>Does not include 10 surface spaces adjacent to the garage</b> |
|--------------|------------|------------------------------------------------------------------|

### Schedule

Should the Board approve the GMP and all easements progress forward, the project would begin with utility work in March, 2020. Construction of the structure is planned to begin in May with a completion projected for February, 2021.

### Issue

During the design process, Mortenson has been developing a GMP to be presented to the Board. They have obtained early pricing on the some of the larger components of the project in an effort to form the revised GMP which is being presented at \$16,105,628. This includes the \$2.4 million previously approved by the Board which was intended for design, utility work, and demolition. It is important to point out that the GMP does not include costs such as the purchase of the 423 N. Main property, pavement finishes and lighting to finish the pedestrian connection, and the expenses related to the easements along the south property line. Staff anticipates recommended a GMP #2, currently estimated at \$225,000 later this year. While certainly these costs are part of the overall project cost, they are outside of the GMP as it relates to Mortenson's current scope of work.

The GMP, as presented, includes all of the site work, utility work, design, engineering, and construction of the garage as designed. There has certainly been discussion about the cost of this garage as opposed to building on another site. It is important to point out some of the premiums associated with the current site and design, such as:

- Utility relocation/undergrounding
- Earth retention system for below grade level
- Solid walls (fire separation)
- Premium due to site constraints for pre-cast installation
- Required ventilation
- Required sprinkler system
- Exterior (skin) beautification
- Demolition of 423 N. Main
- New Plaza at Main Street

Please see attachments describing the GMP cost breakdown and also costs associated with premiums totaling almost \$4.5M.

### Easements

Staff has been negotiating easements with three neighboring property owners along our south property line. Staff believes that we are close to final agreement with these three neighbors. In addition, we have received verbal approval for easements from two adjacent property owners on Main St. as well as the Methodist Church to the east.

**Recommendation**

Staff is presenting the revised GMP #1 for construction of the Civic Center parking garage at \$16,105,628. As mentioned above, final finishes for the Main Street connection will be presented to the Board (GMP#2), once final decisions are made related to the streetscape project to ensure alignment with that project.

**Strategic Plan Initiatives**

The project fulfills the following Village of Glen Ellyn Strategic Initiative:

**Strategic Issue I: Infrastructure.** Invest in infrastructure to meet key needs, including downtown access, Village facilities, storm water issues and technology improvement. **Village Goal:** Evaluate parking garage alternatives as well as economic development partnerships that would increase parking in the downtown by October 2019. Village Board provided further direction to design and construct a parking garage behind the Civic Center by July 2020.

**HISTORY:**

01/13/20      Glen Ellyn Village Board      TABLED

Next: 01/27/20

**ATTACHMENTS:**

- 2020.01.09 Glen Ellyn Parking Garage - Revised GMP 1 (PDF)

Village of Glen Ellyn  
Civic Center Parking Garage  
Executive Summary



1/13/2020

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**REVISED GUARANTEED MAXIMUM PRICE 1 - GMP 1 (Phase 1)                      \$16,105,628**

*Scope: 423/427 N Main Demo, Katy's Wall reconstruct, COMED & Utility relocation, new precast garage, sitework and site finishes*

**TOTAL Estimated Cost - GMP 2 (Phase 2)                                              \$225,000**

*Scope: Main street plaza paving and lighting. Final scope and GMP to be determined after streetscape plans are approved*

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**TOTAL GUARANTEED MAXIMUM PRICE - GMP 1 & GMP 2                                              \$16,330,628**

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**SCHEDULE:**

*Utility Relocation Work to begin in March 2020. Garage Construction to begin in May 2020  
Construction Complete in February 2021*

## Village of Glen Ellyn

## Civic Center Parking Garage

Revised Guaranteed Maximum Price - Phase 1 GMP 1

1/13/2020

**REVISED GUARANTEED MAXIMUM PRICE - Phase 1 GMP 1****\$16,105,628****SCHEDULE:**

*Utility Relocation Work to begin in March 2020. Garage Construction to begin in May 2020  
Construction Complete in February 2021*

**CONSTRUCTION COST BREAKDOWN**

|                                                  |                     |
|--------------------------------------------------|---------------------|
| 05 - Enabling Work (ComED, AT&T, WOW Relocation) | \$547,248           |
| 10 - Sitework for Parking Garage                 | \$1,476,062         |
| 20 - Parking Garage                              | \$11,117,420        |
| 25 - Main Street Plaza                           | In Phase 2          |
| 35 - 423/427 N Main Demo & Reconstruction        | \$379,984           |
| 40 - 413 N Main Sewer Relocation                 | By Village          |
| <b>SUBTOTAL - CONSTRUCTION COST</b>              | <b>\$13,520,714</b> |

**SOFT COST BREAKDOWN**

|                                             |                    |
|---------------------------------------------|--------------------|
| Design & Engineering                        | \$1,086,734        |
| Analysis & Testing                          | \$82,000           |
| Utility Engineering                         | \$177,313          |
| Plan Review Fee Allowance                   | \$50,000           |
| Builders Risk Insurance                     | \$26,365           |
| Technology Allowance (CCTV, Code Blue, etc) | \$50,000           |
| <b>SUBTOTAL - SOFT COSTS</b>                | <b>\$1,472,412</b> |

**CONTINGENCY, INSURANCE, FEES**

|                                                |                    |
|------------------------------------------------|--------------------|
| Permit Review Changes Allowance                | \$20,000           |
| General Liability Insurance                    | \$200,733          |
| Performance Bond                               | \$109,492          |
| Contingency                                    | \$427,874          |
| Design Build Fee                               | \$354,403          |
| <b>SUBTOTAL - CONTINGENCY, INSURANCE, FEES</b> | <b>\$1,112,502</b> |

**SCOPE ITEMS NOT INCLUDED**

413 N Sanitary Sewer Relocation  
Main Street Plaza paving finishes (part of Phase 2)  
Car Counter System & Sign  
Monumental Sign at Duane Street



# Glen Ellyn Parking Structure

Village of Glen Ellyn

Glen Ellyn, IL



## Design Build - Guaranteed Maximum Price - Phase 1 - Revised GMP 1

January 13, 2020

| Description                                                 |                 |         |  | 1/13/2020 Estimate   | Notes                                                 |
|-------------------------------------------------------------|-----------------|---------|--|----------------------|-------------------------------------------------------|
| <b>1.0 Direct Construction Costs</b>                        | <b>Cost/SF</b>  |         |  |                      |                                                       |
| 05 Enabling Work                                            |                 |         |  | \$547,248            | ComED, WOW, AT&T relocations                          |
| 10 Building Sitework                                        |                 |         |  | \$1,476,062          | Clearing, utilities, paving, plantings for the garage |
| 20 Parking Structure                                        | 112,469         | \$98.85 |  | \$11,117,420         | New parking garage                                    |
| 25 Main Street Plaza Sitework                               |                 |         |  | In Phase 2           | Grading, paving, lighting for new plaza               |
| 35 423 N Main Demolition                                    |                 |         |  | \$379,984            | Frame house demo, new wall for Katy's                 |
| 40 413 Main St. - Sanitary Relocation                       |                 |         |  | By Village           |                                                       |
| <b>Subtotal</b>                                             | <b>\$120.22</b> |         |  | <b>\$ 13,520,714</b> |                                                       |
| <b>2.0 Professional Fees</b>                                |                 |         |  |                      |                                                       |
| a. Architecture & Engineering Fees                          |                 |         |  |                      |                                                       |
| Walker / Shive Hattery / Erikson                            |                 |         |  | \$983,700            |                                                       |
| Walker - Katy's Wall Reconstruction Design                  |                 |         |  | \$12,900             |                                                       |
| Rubino (geotech)                                            |                 |         |  | \$29,230             |                                                       |
| DLZ (survey)                                                |                 |         |  | \$15,904             |                                                       |
| b. Mortenson Preconstruction                                |                 |         |  | \$25,000             |                                                       |
| c. Reimbursables & Printing/Plotting                        |                 |         |  | \$20,000             |                                                       |
| <b>Subtotal</b>                                             | <b>\$9.66</b>   |         |  | <b>\$1,086,734</b>   |                                                       |
| <b>3.0 Furnishings and Equipment</b>                        |                 |         |  |                      |                                                       |
| a. Furniture & Furnishings                                  |                 |         |  | N/A                  |                                                       |
| b. Artwork                                                  |                 |         |  | N/A                  |                                                       |
| c. Interior Plantings                                       |                 |         |  | N/A                  |                                                       |
| d. Window Treatments                                        |                 |         |  | N/A                  |                                                       |
| e. Exterior & Interior Signage                              |                 |         |  | in 1.0               |                                                       |
| <b>Subtotal</b>                                             | <b>\$0.00</b>   |         |  | <b>\$0</b>           |                                                       |
| <b>4.0 Soft Costs</b>                                       |                 |         |  |                      |                                                       |
| a. Survey                                                   |                 |         |  | in 2.0               |                                                       |
| b. Soils Analysis                                           |                 |         |  | in 2.0               |                                                       |
| c. Environmental Analysis                                   |                 |         |  | \$12,000             | Phase 1 / Phase 2 survey                              |
| d. Testing & Inspection Services                            |                 |         |  | \$70,000             |                                                       |
| e. Builder's Risk Insurance                                 |                 |         |  | \$26,365             | .195% of Construction                                 |
| f. Plan Review Fee Allowance                                |                 |         |  | \$50,000             | Plan review fees only                                 |
| g. ComEd Engineering                                        |                 |         |  | \$95,518             |                                                       |
| h. Comcast Engineering                                      |                 |         |  | \$13,171             |                                                       |
| i. AT&T Engineering                                         |                 |         |  | \$45,124             |                                                       |
| j. WOW Engineering                                          |                 |         |  | \$15,000             |                                                       |
| k. Legal / Easement Negotiations                            |                 |         |  | \$0                  |                                                       |
| l. Water / Sewer Tap Fees                                   |                 |         |  | Included             | Included in permit                                    |
| m. Telephone Service Connection                             |                 |         |  |                      | By Service Provider                                   |
| n. Permit Consulting                                        |                 |         |  | \$8,500              |                                                       |
| <b>Subtotal</b>                                             | <b>\$2.98</b>   |         |  | <b>\$335,678</b>     |                                                       |
| <b>5.0 Technology Infrastructure</b>                        |                 |         |  |                      |                                                       |
| a. Telephone Network Switch                                 |                 |         |  | N/A                  |                                                       |
| b. Telephone Handsets                                       |                 |         |  | N/A                  |                                                       |
| c. Structured Cabling                                       |                 |         |  | in 1.0               |                                                       |
| d. CCTV Cameras / System Allowance                          |                 |         |  | \$30,000             | Raceway only in 1.0                                   |
| e. Code Blue Allowance                                      |                 |         |  | \$20,000             | Raceway only in 1.0                                   |
| f. A/V Teleconferencing                                     |                 |         |  | N/A                  |                                                       |
| <b>Subtotal</b>                                             | <b>\$0.44</b>   |         |  | <b>\$50,000</b>      |                                                       |
| <b>6.0 Total Project Soft Costs (2.0 + 3.0 + 4.0 + 5.0)</b> | <b>\$13.09</b>  |         |  | <b>\$1,472,412</b>   |                                                       |
| <b>7.0 Total Project Costs (1.0 + 6.0)</b>                  | <b>\$133.31</b> |         |  | <b>\$14,993,126</b>  |                                                       |
| <b>8.0 Design/Build Insurances &amp; Fee</b>                |                 |         |  |                      |                                                       |
| Permit Review Changes Allowance                             |                 |         |  | \$20,000             |                                                       |
| Construction Contingency                                    | 2.85%           |         |  | \$427,874            |                                                       |
| General Liability Insurance                                 | 1.30%           |         |  | \$200,733            |                                                       |
| P&P Bond                                                    | 0.70%           |         |  | \$109,492            |                                                       |
| Design-Build Fee                                            | 2.25%           |         |  | \$354,403            |                                                       |
| <b>Total</b>                                                |                 |         |  | <b>\$16,105,628</b>  |                                                       |

Village of Glen Ellyn  
Civic Center Parking Garage  
Premiums Due to Site Constraints



1/13/2020

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**PREMIUMS**

|                                                      |           |
|------------------------------------------------------|-----------|
| Overhead Utility Relocation                          | \$496,793 |
| Earth Retention Systems                              | \$463,617 |
| Excavation Premiums due to Site Access               | \$178,749 |
| Cantilevered Foundations                             | \$218,823 |
| Solid Wall Exterior (for fire separation)            | \$987,957 |
| Exterior Enhancements to Match Historic Civic Center | \$528,397 |
| Precast Erection Premiums due to Site Access         | \$320,112 |
| Closed Garage Requires Full Ventilation              | \$459,993 |
| Closed Garage Requires Fully Sprinklered System      | \$270,584 |
| Demolition of 423 N Main                             | \$220,310 |
| Rebuild 427 N Main Exterior Wall                     | \$181,085 |
| New Plaza at Main Street                             | \$221,472 |

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|              |                    |
|--------------|--------------------|
| <b>TOTAL</b> | <b>\$4,547,892</b> |
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