



Agenda
Village of Glen Ellyn
Capital Improvements Commission
Regular Meeting
Tuesday, May 14, 2019
7:00 PM
Glen Ellyn Civic Center, Room 301

Individuals with disabilities who plan to attend the hearing and who require certain accommodations in order to allow them to observe and participate, or who have questions regarding the accessibility of the meeting or facilities, are requested to contact the Village at least 24 hours before the meeting.

A. Call to Order

B. Public Comment (Non Agenda Items)

C. Approval of Minutes

March 12, 2019 Capital Improvements Commission Meeting Minutes

D. Current Project Business

CBD Streetscape and Utility Improvements Project Continued Discussions On
Phase I Engineering Design

E. Trustee's Report

F. Other Business

G. Public Works Report

H. Project Report

Engineering Division Project Activity Report Dated May 10, 2019

I. Adjournment



Capital Improvements Commission

535 Duane Street
Glen Ellyn, IL 60137

Meeting: 05/14/19 07:00 PM

Department: Capital Improvements Commission

Department Head: Rich Daubert

Category: Minutes

Prepared By: Rich Daubert

SCHEDULED

AGENDA ITEM (ID # 3974)

DOC ID: 3974

March 12, 2019 Capital Improvements Commission Meeting Minutes

The draft March 12, 2019 Capital Improvements Commission Meeting Minutes are attached hereto for review and consideration of approval by the Capital Improvements Commission.

ATTACHMENTS:

- CIC Meeting Minutes March 12 2019 - Draft (PDF)

Village of Glen Ellyn



Minutes
 Village of Glen Ellyn
 Capital Improvements
 Regular Meeting
 March 12, 2019
 7:00 PM
 Glen Ellyn Civic Center, Room 301

Board or Commission: Capital Improvement
Meeting: Regular
Quorum: Yes

Date: March 12, 2019
Called to Order: 7:01 p.m.
Adjourned: 9:25 p.m.

MEMBER ATTENDANCE:

Michael T. Lane	Chairman	Present
Adam B. Biggam	Commissioner	Present
Joshua J. Cattero	Commissioner	Present
Arthur F. Foerster	Commissioner	Absent
Michael M. Lindquist	Commissioner	Present
Todd H. Ryne	Commissioner	Present
Steve Szymanski	Commissioner	Present
Rocco J. Zuccherro	Commissioner	Present
Richard Daubert	Professional Engineer	Present
Tom Topor	Senior Civil Engineer	Present
Also Present:		
Steve Warner	Engineer	Present
John Kenwood	Liaison Trustee	Present
Julius Hansen	Director of Public Works	Present

Public Present:

Todd Hutchinson	Student	

A. CALL TO ORDER

The **March 12, 2019** regular meeting of the Capital Improvements Commission was called to order by Chairman Lane at **7:01 PM** at the Glen Ellyn Civic Center.

B. PUBLIC COMMENT – None

C. APPROVAL OF MINUTES FROM December 11, 2018 MEETING – Approved

MOVE TO APPROVE MINUTES OF REGULAR MEETING FROM 12/11/2018

RESULT: Motion Unanimously Carried

MOVER: Commissioner Szymanski

SECONDER: Commissioner Cattero

D. CURRENT PROJECT DISCUSSIONS

1. *Continued Discussion on CBD Streetscape and Utility Project:* Engineer Daubert asks the CIC for their feedback on the CBD Streetscape & Utility Improvement Design Update. He reports that the Village board met in March and he would like to discuss with the CIC the Village board's recommendations for on-street parking and proposed changes, budget and cost analysis for the project, review the materials that will be used for the project, as well as the trees for the project (see attached report). Engineer Daubert presents a crash analysis to the CIC which the Village used for their parking recommendations (see attached report). There were 26 crashes on Crescent. The angled parking is at 60 and 45 degrees. Crashes were a result of reduced visibility as well as the parking spaces not being long enough. There were 12 parking related crashes on Duane. Angled parking seems to be an issue. The parking options the Village considered were parallel parking, 30 degree angled parking, and 45 degree angled parking.

Engineer Topor presents parking comparisons and options the Village considered and preferred. (See attached report). *Main Street – Hillside to Duane:* the Village preferred the option to retain parallel parking on both sides with a consideration of potentially eliminating parking on west side between Duane and the Apex entrance to add loading/ride share pickup zones. Engineer Daubert asks the CIC what their thoughts are on loading/ride share pickup zones. Chairman Lane states that you can designate loading zones during the day and have that area converted to parking spaces for the evening. Commissioner Cattero adds maybe we can add an Uber drop off zone by Einstein Bagels. Engineer Daubert asks the CIC to further think about these options. *Main Street – (Crescent to Pennsylvania):* the Village preferred to retain 45 degree angled parking on east side and retain parallel parking on west side. Engineer Daubert adds the board did not want to give up too much parking. We would gain 6 additional spaces. *Crescent – (Main to*

Forest): The Village preferred 45 degree angled parking east of the bend; convert 60 degree parking to 45 degree angled parking between Main Street and bend. Engineer Daubert adds with respect to Federal Aid Routes if we want to maintain or create angled parking, IDOT has to approve it after they review crash data. The goal here is we want to create safe streets and the village wants to save as many parking spaces as we can. *Pennsylvania Ave – (Main to Forest)*: The Village preferred to convert all sections of diagonal parking to parallel parking, widen sidewalks on both sides and eliminate flashing beacon.

Engineer Topor presents the budget and preliminary estimate of the project (see attached report) The project will total 21 million, 7 million in utility work and 14 million for the project subtotal (Capital, Sewer and Water). Public Works Director Hansen adds we have been budgeting and planning for this project for quite some time. This needs to be done.

Engineer Topor presents Sidewalk and Crosswalk material options (see attached report). He reports that the Village prefers stamped concrete in walking zones of sidewalk; Plain broom finished concrete outside the walking zone and stamped colored concrete in crosswalks. Director Hansen adds concrete crosswalks hold up very well. This is a very good option and stamped concrete on all these walking surfaces makes sense and seems to be the best solution. Engineer Daubert asks the CIC their thoughts on the materials. Commissioner Szymanski asks if we are going to explore solar sidewalks in order to be greener. Engineer Daubert adds we are going to look into that. Engineer Daubert adds we will mock up certain patterns and colors to see what will be best for Glen Ellyn. We will choose patterns that are smoother and how we orientate it will make a difference.

Trees - Director Hansen reports that there are 112 trees in the downtown area and an additional 40 that need to be planted in bare areas. We have about 40 trees that need to be removed due to poor condition and another 20 that need to be removed for utility work. The arboretum suggests tree diversity, which Glen Ellyn does not have. To have diversity we want 10% of one species. We want to look to plant trees for the future. If we remove all the trees and we start over we could have a larger tree canopy. We would like to start from scratch. We are going to put together a plan for the Village to include all these points. Engineer Daubert asks the CIC their thoughts on taking out all trees and starting from scratch. The CIC is in favor of removing the trees and starting over. They would like more mature trees put back in. Director Hansen will touch base with the arboretum on this. He also adds trees would be removed based on where the project is.

Engineer Daubert adds we will continue to work with Civiltech to get the project moving. Utility work is anticipated to begin next year.

E. TRUSTEE'S REPORT – Trustee Kenwood reports that Village had a workshop on the parking garage and it will be a 5 story building with 281 parking spots. Some of the parking will go to the village during business hours and some will go to commuters. This will free up parking behind the fire station. The Apex project is moving forward and will come before the board again in April. The board approved Raising Cane's and Buona Beef is currently under construction.

F. OTHER BUSINESS – None

G. PUBLIC WORKS REPORT – Director Hansen reports that we are renovating the Churchill Forest building to turn it into a salt storage. Once completed we will be able to store 1500 tons of salt. The original Horse Trough is being sent to Iowa where a bronze replica will be made. The original Horse Trough will be displayed in front of the Civic Center. The bronze replica location is yet to be determined. The Village has the final say as to where it will go.

H. PROJECT REPORT – *March 8, 2019 Monthly Construction Report* (see attached report) Engineer Daubert reports that the Train Station/Pedestrian Tunnel project team is wrapping up grant applications for CMAP's call for projects for the STP Shared Fund and Congestion Mitigation and Air Quality Improvement Programs. We have a detailed narrative of what we need and what our concerns are. The Village Board approved staff's strategy of requesting funding for 80% of eligible project costs, except for Phase II Engineering. We are asking for \$14.6 million. We are also working on getting a press release out on this project.

Adjournment – A motion to adjourn the meeting was made by Commissioner Biggam and Commissioner Szymanski seconded the motion. The meeting was adjourned at 9:25 p.m.

Submitted by Elisa Pollina, Recording Secretary

Reviewed by Richard Daubert, Professional Engineer



Capital Improvements Commission
535 Duane Street
Glen Ellyn, IL 60137

Meeting: 05/14/19 07:00 PM
Department: Capital Improvements Commission
Department Head: Rich Daubert
Category: Presentation
Prepared By: Rich Daubert

SCHEDULED

AGENDA ITEM (ID # 3975)

DOC ID: 3975

CBD Streetscape and Utility Improvements Project Continued Discussions On Phase I Engineering Design

Please see the attached memorandum and PowerPoint presentation concerning the CBD Streetscape and Utility Improvements project.

ATTACHMENTS:

- May 2019 Meeting Memo On CBD Streetscape (PDF)
- 2019_05_14 CIC Presentation (PDF)



MEMORANDUM

TO: Capital Improvements Commission

FROM: Rich Daubert, Professional Engineer
Tom Topor, Senior Civil Engineer

DATE: May 10, 2019

RE: May 14, 2019 Meeting of the CIC – CBD Streetscape and Utility Improvements

Introduction and Background

The project team has made substantial progress on some of the most important aspects of the ongoing Phase I Engineering Assignment for the CBD Streetscape Project and would like to discuss them with, and seek input from, the CIC at its May, 2019 Meeting.

A brief description of each item is included in the body of this memorandum with the project team to give a more comprehensive presentation (attached hereto) and discussion on the following items:

- Construction Schedule
- Construction Cost
- Streetscape Elements and Renderings
- Lighting Improvements
- Tree Plan Update
- Sidewalk and Crosswalk Materials Selection Process
- Online Public Input Summary/Ideas

Subject

Construction Schedule

The size and scope of the project substantiates that construction is phased across multiple years of utility and roadway work. This approach supports minimizing the area of disturbance in the CBD and thereby minimizing impacts of traffic, parking, and general disturbance of downtown activities.

Prior to putting together a draft phasing plan, factors such as weather, type of work, duration of work, potential traffic impact, parking impact, other planned developments in the CBD, and major community events were considered. Included in the presentation is a first iteration of a phasing

plan for construction of the project. It serves as a starting point for the May discussions with the CIC and Village Board. Staff and the Civiltech team will continue to refine it based these discussions and as additional information is obtained, especially regarding the timing of the planned Civic Center Parking Garage, Apex 400 Development/Parking Garage, and the outcome of the Village's CMAQ and STP Shared Fund grant applications for the Underpass and Train Station project.

Construction Cost

The Village Board last visited the construction cost estimate at its March 4, 2019 Workshop. At that time staff presented a preliminary estimate which included the majority of planned construction items except for site furnishing items and cost considerations for phasing of the project. Since then, the cost estimate has been refined to account for these items with the unit prices also updated to reflect recent spikes in construction related costs.

Table 1 - Roadway and Streetscape Cost Estimate

Cost Estimate for Work Type	Current Estimate
Item	Cost
Roadway and Sidewalk Work	\$7.6M
Upgrade Sidewalk and Crosswalk Areas to decorative materials	\$1.4M
Street Lighting Repairs and Installations – Pole Replacement, Conduit/Wiring Replacement, Urban Ceiling Lighting, Temporary Lighting	\$2.2M
Lighted Pedestrian Bollards	\$0
Site Furnishings – Parklets, Fire Places, Water Feature, Seat Walls, Benches, Bike Racks, Trash Receptacles, Bollards, Etc.	\$2.1M
Landscaping – Trees, Shrubs, Perennials, Etc.	\$640K
Phase II Engineering (est. as 9% of Construction Cost)	\$1.2M
Phase III Engineering (est. as 11% of Construction Cost)	\$1.5M
Totals	\$16.6M

Roadway and Sidewalk Work: In calculating the current cost estimate, an assumption was made that streets slated for substantial underground utility work would be fully reconstructed with the map following this section (Figure 1) depicting such streets. As mentioned previously, the roadway resurfacing costs may potentially be offset by a \$475,000 Surface Transportation Program grant, presuming that project is bid by September 2020 and required improvements included in the grant application lend themselves to a resurfacing application and in a construction timeframe acceptable to the State. Staff will be meeting with IDOT Officials on Monday, May 13th to continue to review the applicability of utilizing the STP funds for the project as well as to review the viability of maintaining angle parking on the Village's Federal Aid Routes Streets along with consideration of design exceptions for the parking stall depths and adjacent lane configurations and dimensions.

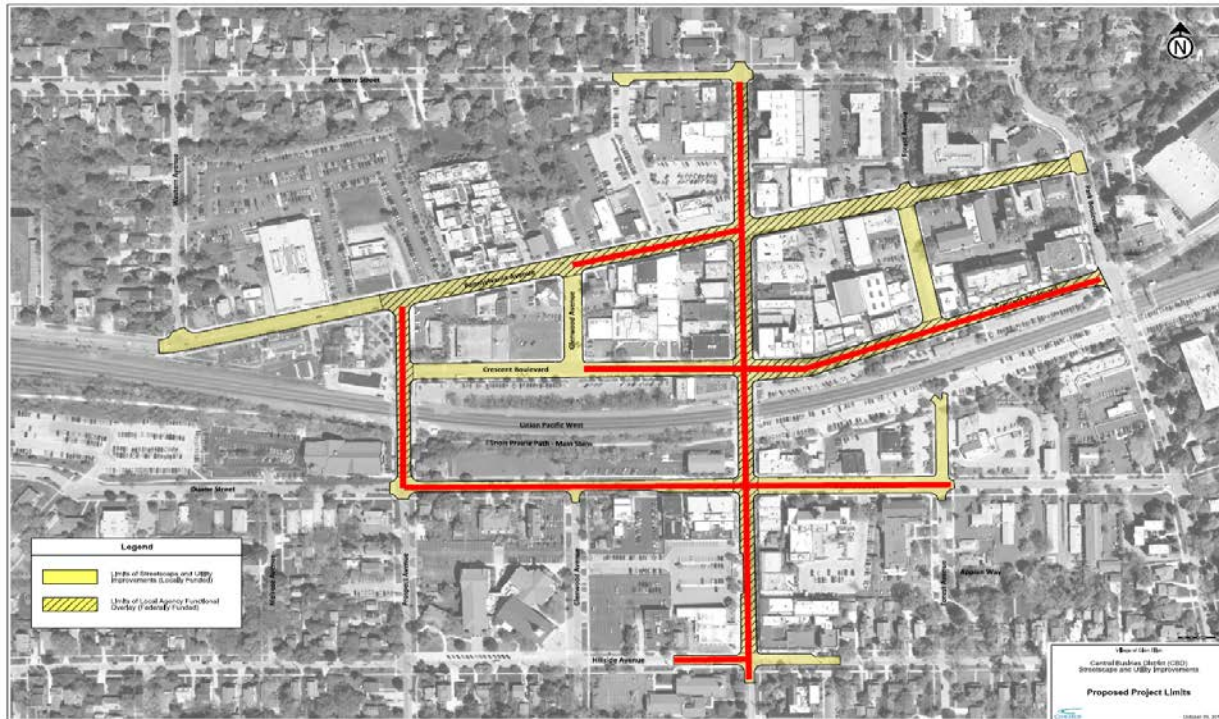


Figure 1 - Streets Proposed for Reconstruction Shown in Bold Red
Hatched Streets Represent Federal Aid Routes Potentially Eligible for STP Funding (~\$475K)

Upgrade Sidewalk and Crosswalk Areas to Decorative Material: The selection of the decorative materials is still in progress. For the current estimate it was assumed that the furniture zone and curb zone areas of the sidewalk (~100,000 SF or 58 % of the sidewalk area) were upgraded to exposed aggregate concrete and all crosswalks were upgraded to stamped colored concrete. The balance of the sidewalk areas are assumed to be plain broom finish concrete.

Street Lighting Repairs and Installation – Conduit/Wiring Replacement, Urban Ceiling Lighting:

Civiltech completed a comprehensive assessment of the existing streetlight system in the CBD. The estimate is based on the proposed replacement of all conduit and wiring, new pole foundations, new poles, and providing temporary lighting. Additional information on Streetlight System is included in a separate section.

Site Furnishings – Parklets, Fire Places, Water Feature, Seat Walls, Benches, Bike Racks, Trash Receptacles, Bollards, Etc.: Additional information on Site Furnishings is included in a separate section.

Landscaping – Trees, Shrubs, Perennials, Etc.: The current estimate includes replacement of all trees identified for replacement due to their condition, changes in street geometry and construction impacts. The estimate includes Silva Cell system for planter areas, plantings and irrigation systems. Additional discussion on this topic is included in the Trees and Tree Planters section. The current estimate includes cost for planting 25 6” diameter trees.

Table 2 – Utility Work Cost Estimate

Cost Estimate for Work Type	Current Estimate
Item	Cost
Watermain Work	\$1.6M
Sanitary Sewer Work	\$2.0M
Storm Sewer Work	\$3.2M
Restoration Cost	\$1.0M
Totals	\$7.8M

Underground Utility Work: The estimate is based on underground utility improvement needs as identified by the CBD Underground Sanitary, Storm, and Water Utility Study. Restoration costs included in the estimate are for temporarily restoring pavement areas disturbed by utility work until the permanent roadway and streetscape improvements are constructed.

Streetscape Elements

Streetscape elements included in the design are meant to support basic functions of an urban street which include benches, bike racks, and trash receptacles. In addition, the design team included elements such as tree planter seatwalls, fireplaces at the midblock crossings, and decorative bollards, all of which reinforce the unique character of the downtown. In addition, a placeholder cost was included for potential water features and creation and enhancement of existing pocket parks at Shock's Square and at the northwest corner of Main and Pennsylvania, adjacent to the Fire Station 1. The table below provides a cost for each of these elements.

Table 3 – Streetscape Elements

PAY ITEM	UNIT	TOTAL	UNIT PRICE	TOTAL COST
4'x6' TREE PLANTER WITH 3-SIDE 8" W. BRICK SEATWALL W/ 10" LIMESTONE CAP (\$400/LF)	EACH	50	\$ 5,600	\$ 280,000
4'x6' TREE PLANTER WITH 6" HT X 6" D. GRANITE CURB AND 3-SIDE ORNAMENTAL RAILING	EACH	35	\$ 3,000	\$ 105,000
4'x6' TREE PLANTER WITH 6" HT X 18" D. CONCRETE CURB AND 3-SIDE ORNAMENTAL RAILING	EACH	40	\$ 1,600	\$ 64,000
BRICK SEATWALL PLANTERS W/ LIMESTONE CAPS AT BUMPOUTS (40 LF AVG @ \$600/LF)	EACH	10	\$ 24,000	\$ 240,000
BENCHES	EACH	25	\$ 2,200	\$ 55,000
TRASH CANS	EACH	40	\$ 1,800	\$ 72,000
BIKE RACK	EACH	100	\$ 1,000	\$ 100,000
FIREPLACES AT MIDBLOCK CROSSINGS	EACH	4	\$ 6,500	\$ 26,000
CUSTOM POTS WITH PLANTS	EACH	50	\$ 1,500	\$ 75,000
DECORATIVE BOLLARDS	EACH	30	\$ 2,000	\$ 60,000
WATER FEATURES	EACH	2	\$ 50,000	\$ 100,000
PARKLETS (FIRESTATION AND SHOCK SQUARE, PAVING, TREES, SEATING, ETC)	EACH	2	\$ 300,000	\$ 600,000
		Total	\$	1,777,000
		Total w/ 20% Contingency	\$	2,132,400

Renderings

Included in the presentation for discussion and input by the CIC are the streetscape renderings showing the existing condition and the appearance of the proposed improvements near the mid-block of Main Street between Hillside and Duane, at the intersection of Main and Pennsylvania, and at the intersection of Main and Crescent. The renderings serve both as a tool for the Village in finalizing the design of the streetscape improvements as well as for communicating the exciting offerings the project has in re-vitalizing the function and look of downtown Glen Ellyn.

Lighting Improvements

As previously determined, the existing wiring for the majority of the streetlight system has not been updated since its original installations dating back to the mid 1980's and should be replaced during the streetscape project particularly as elements are moved and new and costly improvements are constructed over older conduit and wiring systems. Additionally, Civiltech has completed an evaluation of the entire lighting system focusing on the condition of existing pole foundations, poles, conduits and four controllers in the CBD. Based on the evaluation, many of the pole foundations will need to be replaced due to deterioration and/or relocation of lights. The team took a close look at the 194 poles and found that 114 had various deficiencies ranging from chipping paint, damaged handhole covers, strapped or taped electrical outlets, to poles leaning out of plumb.

The Public Works team has examined the viability of rehabilitating existing poles in lieu of replacing them. The main issues are the access doors at the bottom of the poles which needs to be opened in order to access the wiring and bolts connecting the pole to the foundation. The bolts on the access door are rusted and any attempt to open them causes the section of the door to crack, as it is made of cast iron material. Replacement doors are not available for this style of pole. In addition, the electrical outlets which have been retrofitted on the existing poles using clamps or straps are not aesthetically pleasing. PW received a quote from the contractor to remove all existing poles, repair the access doors and reinstall the pole at \$3,500 per pole. The price did not include sandblasting and painting of the poles which should be completed in unison with the project. The current estimate for a new pole installed is \$3,600. Additional advantages of the new poles is the ability to add any number of mounting applications as well as drip irrigation systems for watering hanging baskets which are currently in place on approximately 40 poles. The presentation includes an example of a pole made by Holophane SiteLink with hanging basket irrigation. PW is working with a couple of streetlight pole vendors to obtain additional quotes and complete trial installations for review by Staff, Commissions, and the Village Board

Tree Plan Update

The Public Works and Civiltech team is proceeding with a plan that prescribes removal and replacement of all parkway trees located in the CBD due to poor health, limited growing space, minimal species diversity and tress during construction. This approach will allow the team to optimize the function and look of the roadway and streetscape project by locating trees in non-conflicting and complementary locations with respect to business entries, parking stalls, and streetscape elements. Due to the on-street parking changes and sidewalk widening opportunities, new trees will be planted along what are currently non-forested areas of Forest, Pennsylvania,

Glenwood, and Duane. Below is a detailed breakdown of costs associated with tree and landscaping items.

Table 3 – Landscaping Costs

PAY ITEM	UNIT	TOTAL	UNIT PRICE	TOTAL COST
NEW TREES 3" Caliper planted	EACH	100	\$ 800	\$ 80,000
NEW TREES 6" Caliper planted	EACH	25	\$ 5,000	\$ 125,000
SILVA CELLS (Per Tree, approx 300 CF)	EACH	50	\$ 5,500	\$ 275,000
SHRUB, PERENNIAL, GRASS PLANTINGS IN RAISED SEATWALLS AT BUMPOUTS (100SF AVG @ \$25/SF)	EACH	10	\$ 2,500	\$ 25,000
IRRIGATION SYSTEM	SQ FT	4,500	\$ 6	\$ 27,000
Total				\$ 532,000
Total w/ 20% Contingency				\$ 638,400

Sidewalk and Crosswalk Materials Selection Process

On May 2, staff and the design team met with the CBD Streetscape Steering Committee to discuss the material selection process. The team reviewed the various materials considered to date and based on the direction received will be focusing on further reviewing maintenance activities for stamped concrete and exposed aggregate and completing mock up installations of exposed aggregate and colored stamped concrete for field testing and review.

Online Public Input Summary/Ideas

The Civiltech/Muse team have been actively seeking public online engagement via project website and interactive platform at YourMunicipal.com. The websites went live in early January of 2019 and to date has been viewed over 3000 times with 18 online campaigns and over 90 supporters. The Civiltech/Muse team will provide an update on these online engagement summary.

Action Requested by the CIC

Staff respectfully requests that the CIC review the aforementioned project elements with a particular emphasis in mind that the project scope and costs are increasing with respect to the streetscape elements. As such, input on reducing the project costs and/or focusing on the incorporation of specific elements would be greatly appreciated by staff. In addition, thoughts on the implementation of the project as it relates to phasing and the overall schedule would also be appreciated by the project team.

Attachments

PowerPoint Presentation



Civiltech Engineering, Inc.

www.civiltechinc.com

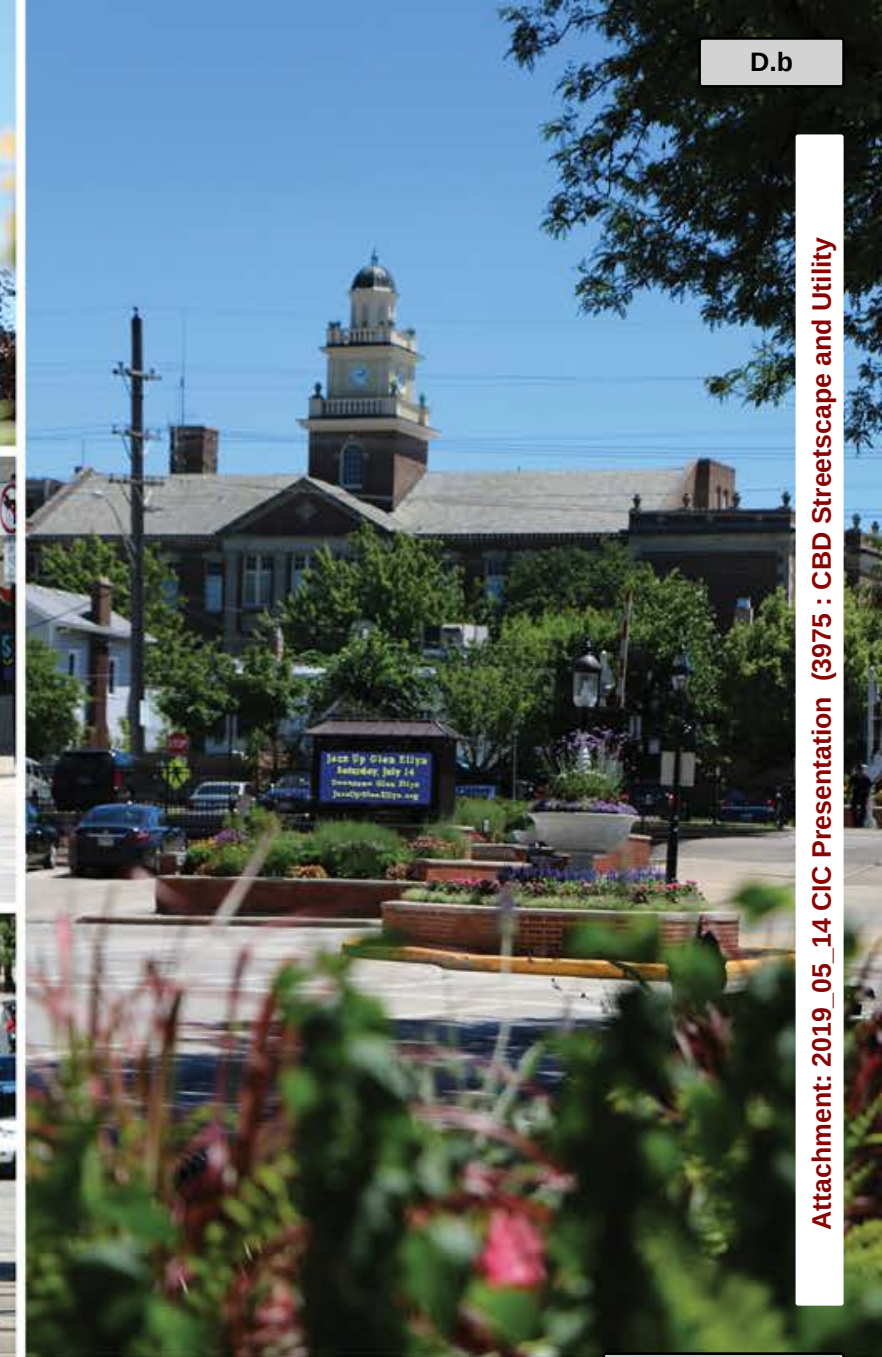


Central Business District (CBD) Streetscape and Utility Improvements

CIC Meeting

Village of Glen Ellyn

May 14, 2019



D.b

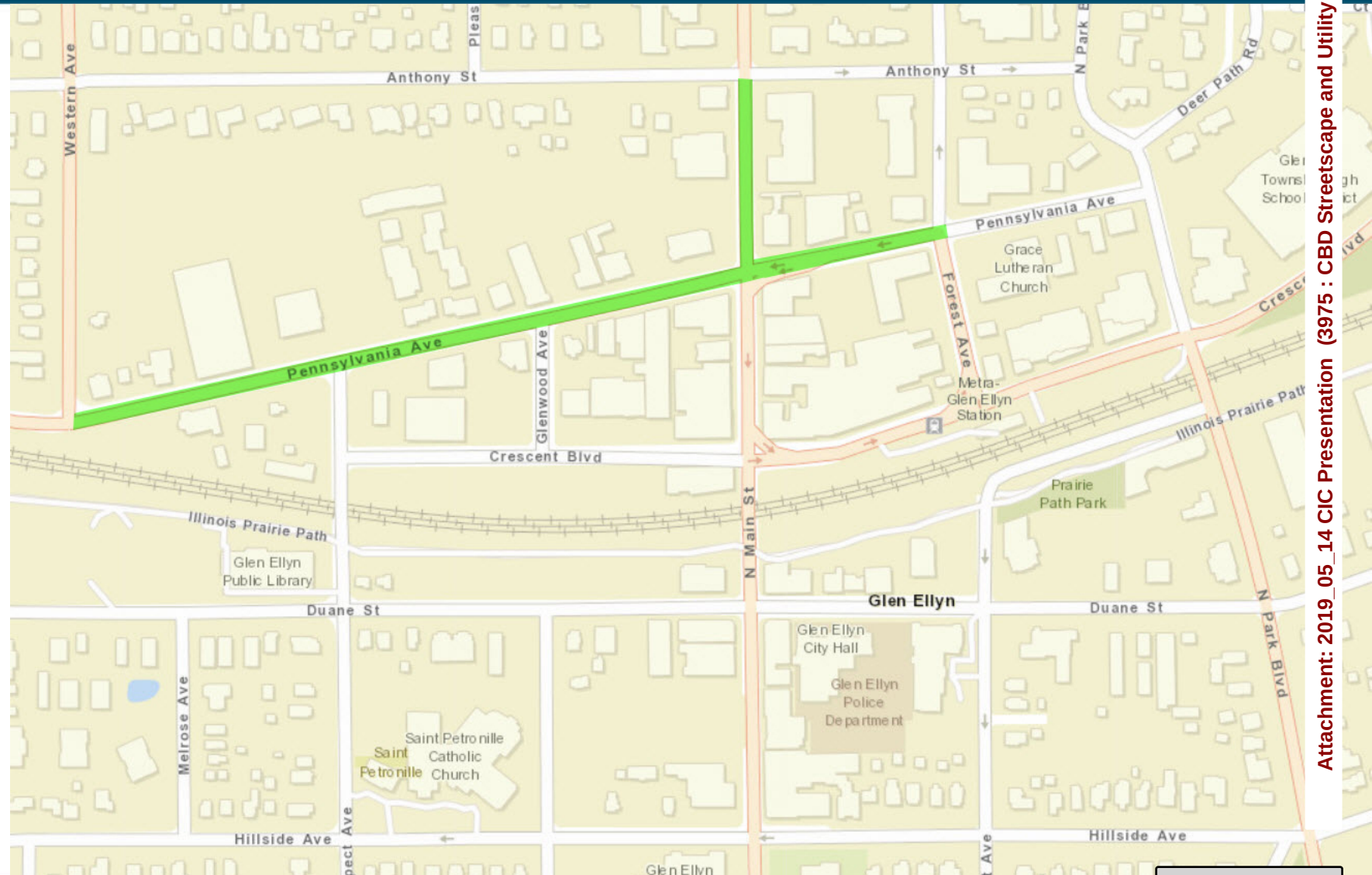
Attachment: 2019_05_14 CIC Presentation (3975 : CBD Streetscape and Utility

Construction Schedule

- Schedule Factors
 - Frida Kahlo Exhibit
 - Apex 400 Development
 - Civic Center Garage Development
 - Train Station and Underpass Project
- Traffic Factors
 - Maintain at least one direction of travel when possible
 - Maintain one side of on-street parking to extent possible

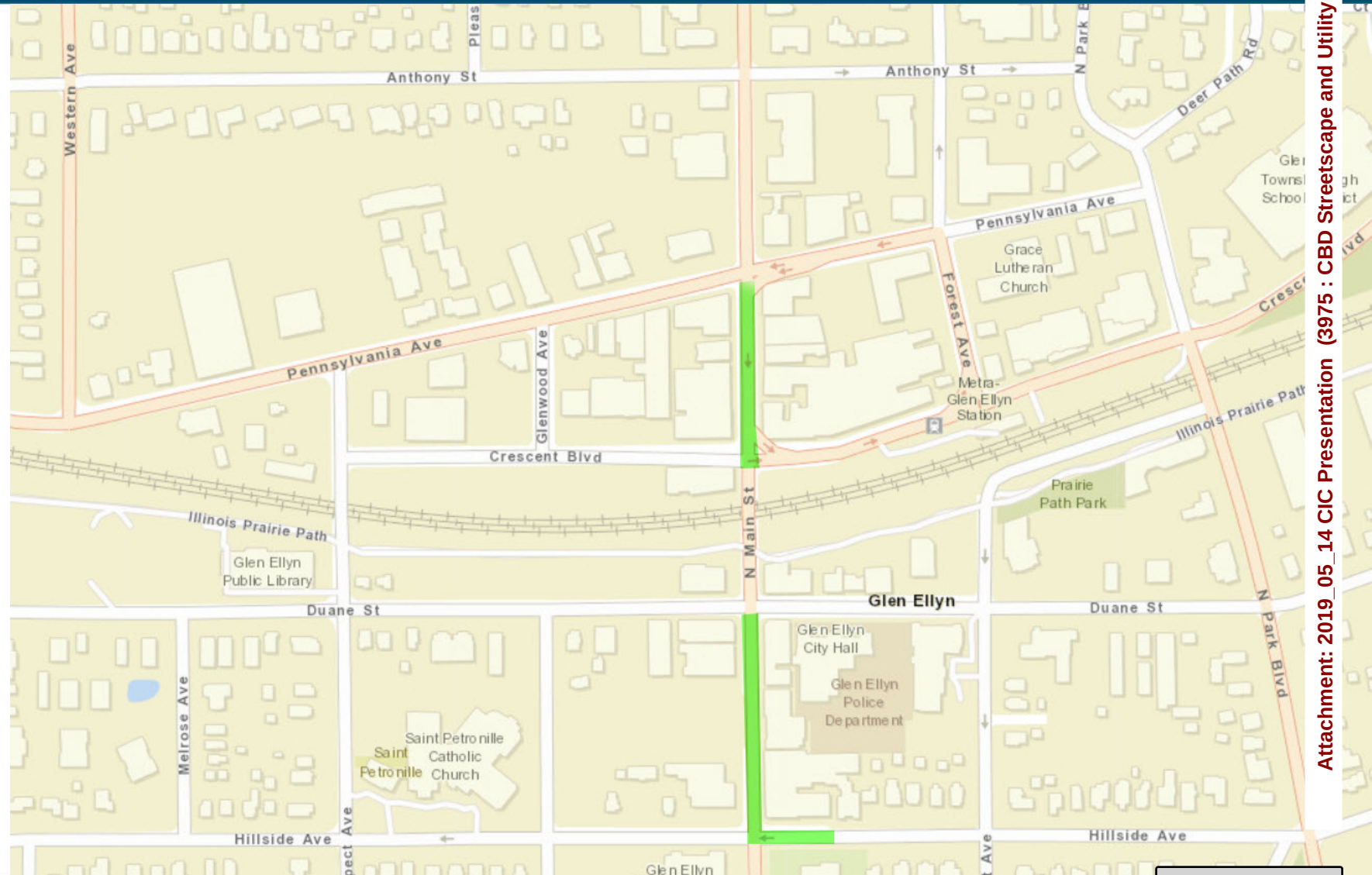
Utility Construction

- Spring/Summer 2020
 - 1 block watermain/services
 - 4 blocks water services
 - Sanitary Services



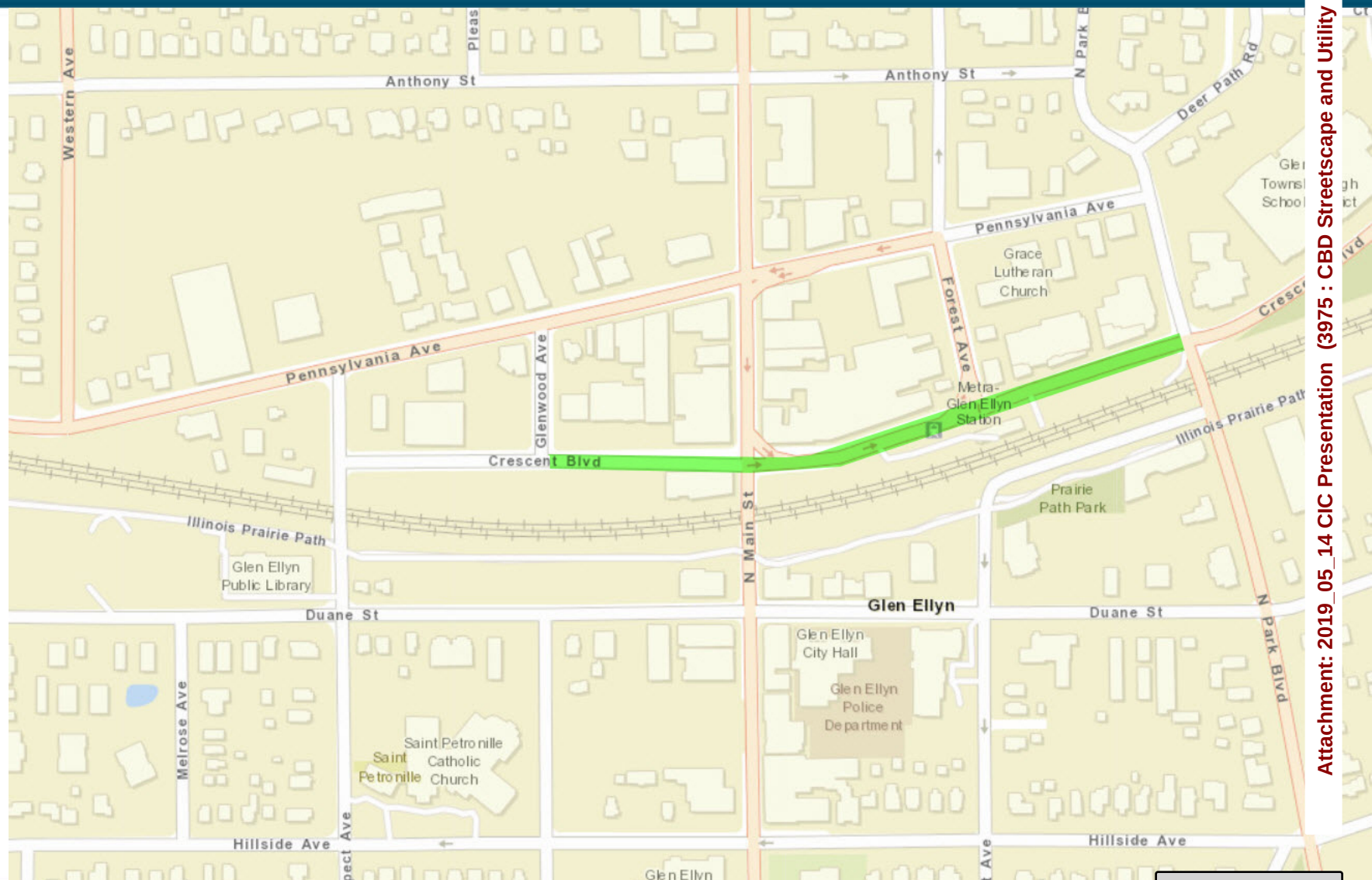
Utility Construction

- Fall 2020
 - North Main
 - Watermain
 - Sanitary Sewer
 - Storm Sewer
 - South Main
 - Watermain
 - Sanitary Sewer
 - Storm Sewer



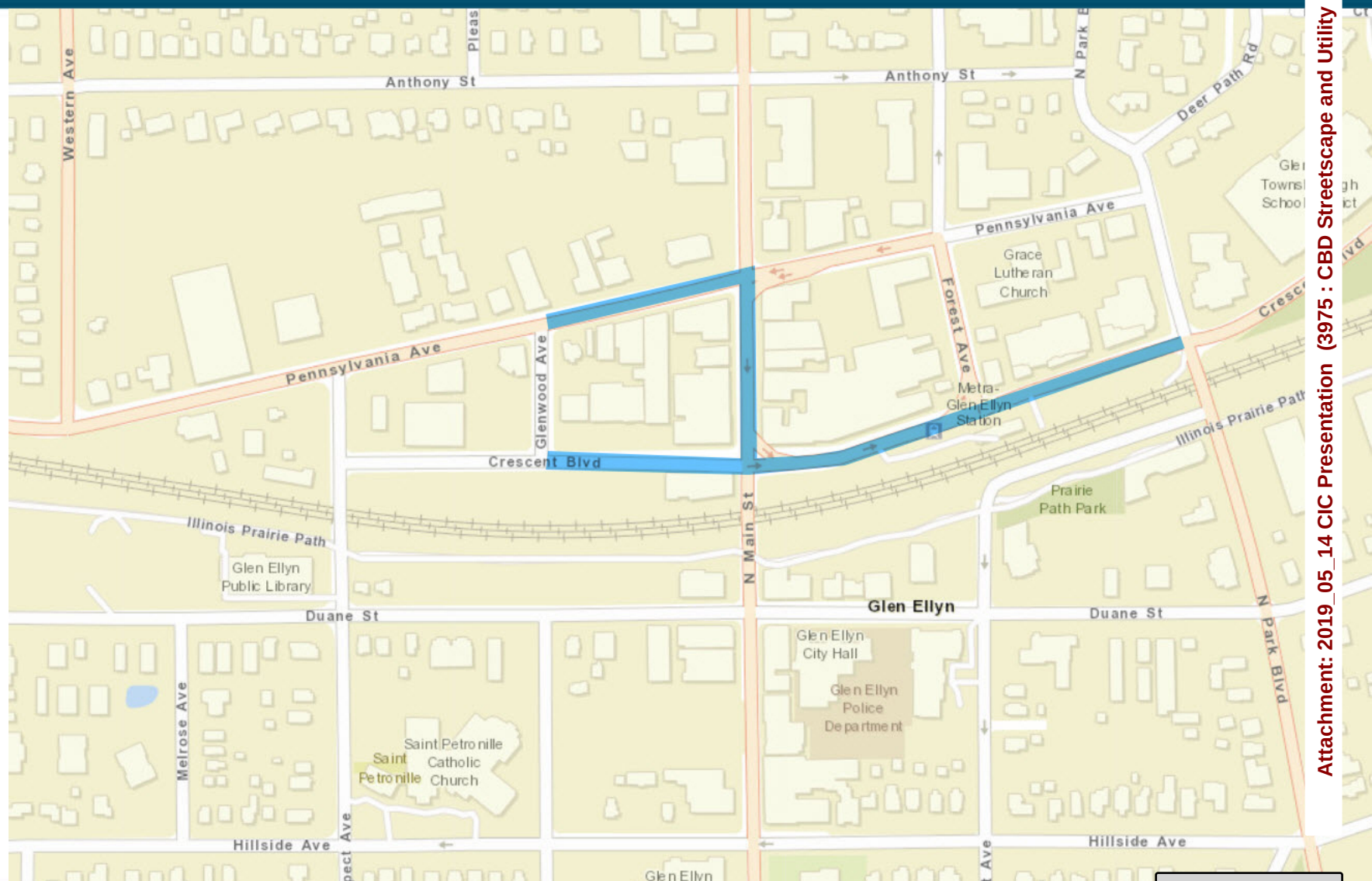
Utility Construction

- Spring 2021
 - Watermain



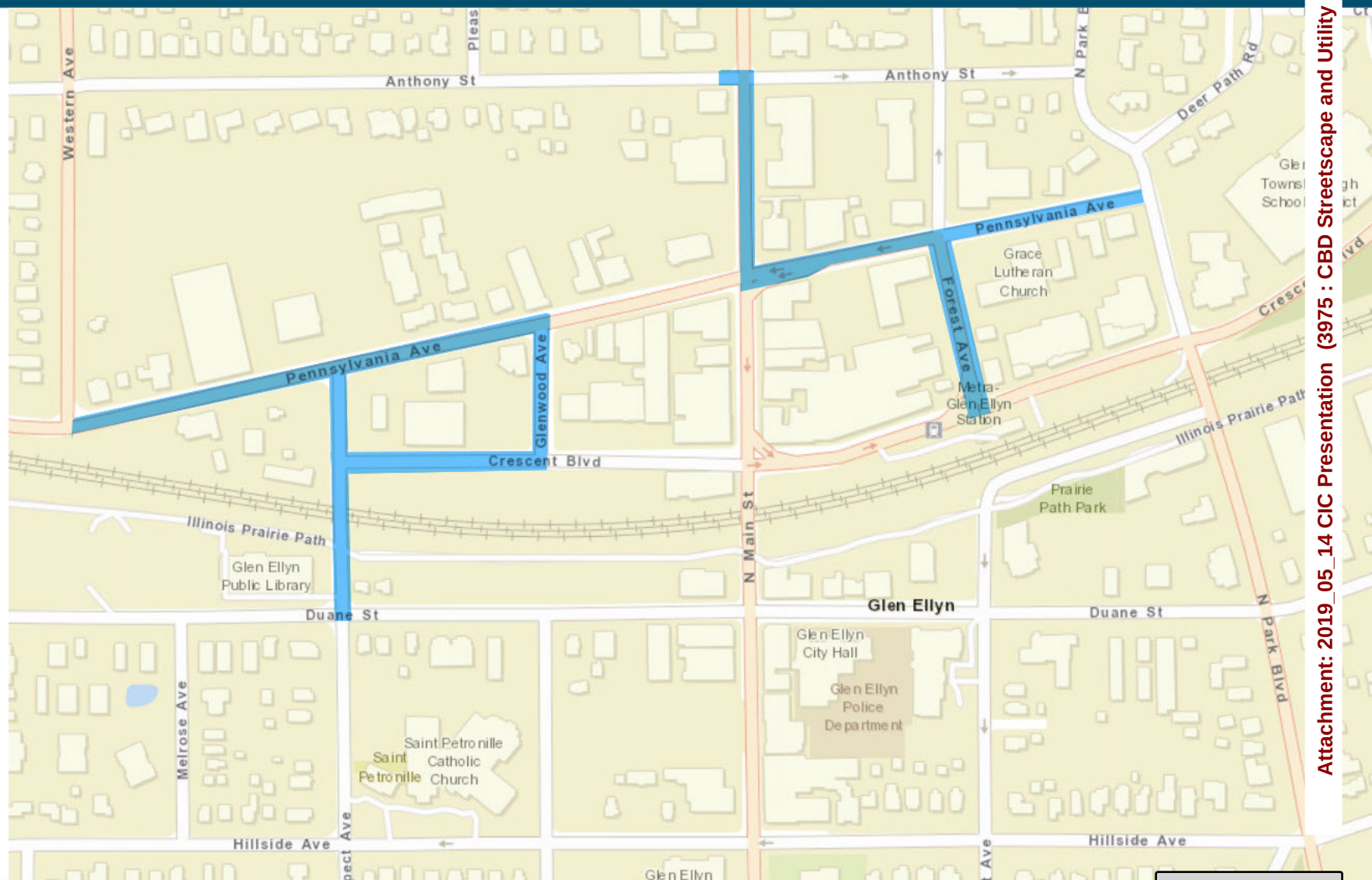
Roadway and Streetscape Construction

- Spring/Summer 2021



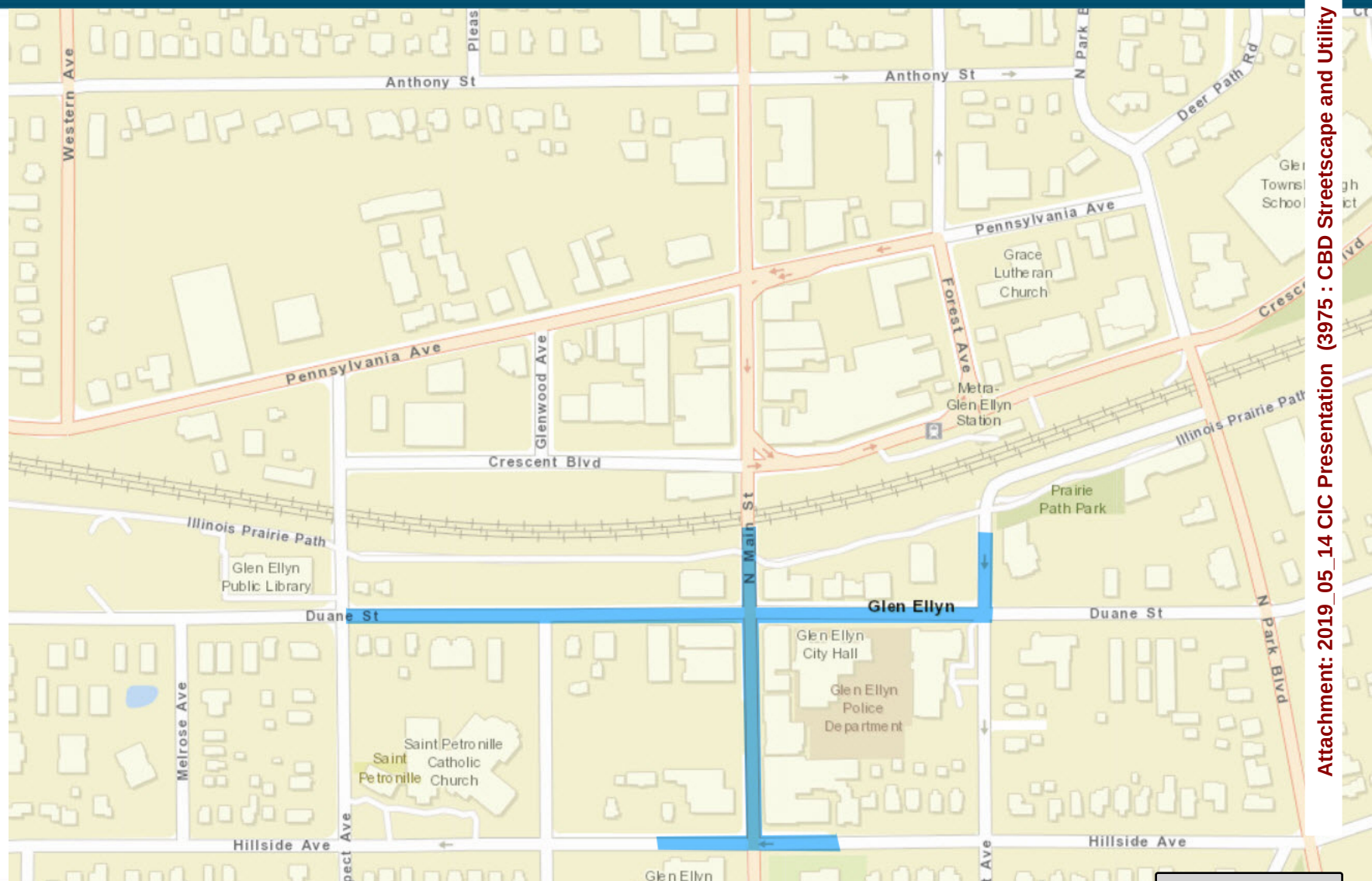
Roadway and Streetscape Construction

- Summer/Fall 2021



Roadway and Streetscape Construction

- Spring 2022



Construction Cost - Streetscape

Cost Estimate for Work Type	Current Estimate
Item	Cost
Roadway and Sidewalk Work	\$7.6M
Upgrade Sidewalk and Crosswalk Areas to decorative materials	\$1.4M
Street Lighting Repairs and Installations – Pole Replacement, Conduit/Wiring Replacement, Urban Ceiling Lighting, Temporary Lighting	\$2.2M
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Phase II Engineering (est. as 9% of Construction Cost)	\$1.2M
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Totals	\$16.6M

Construction Cost – Utility Work

Cost Estimate for Work Type		Current Estimate
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Watermain Work		\$1.6M
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Storm Sewer Work		\$3.2M
Restoration Cost		\$1.0M
	Totals	\$7.8M

Main Street and Pennsylvania

D.b



Existing Conditions

Attachment: 2019_05_14 CIC Presentation (3975 : CBD Streetscape and Utility

Main Street and Pennsylvania



Decorative paving in
furniture zone

Proposed Streetscape

- New trees with seat walls
- Decorative paving
- Decorative crosswalk
- Raised planter on corner bump-out
- Wider sidewalk on Pennsylvania
- Overhead festoon lighting

Main Street and Pennsylvania



Decorative paving in pedestrian access route

Proposed Streetscape

- New trees with raised planters and railings
- Decorative paving
- Decorative crosswalk
- Raised planter on corner bump-out
- Wider sidewalk on Pennsylvania
- Overhead festoon lighting

Tree planters



Low planter railing attached to curb



Seat wall along PAR



Stepped down wall on three sides

Festoon Lighting



- Attached to poles with cables
- Over pedestrian areas
- Can be dimmable for special events



Main Street between Duane and Hillside



Existing Conditions

Main Street between Duane and Hillside



Proposed Streetscape

- New trees
- Decorative paving
- Decorative crosswalk
- Mid-block crossing with bump-out and raised planter
- Outdoor fireplace

Main Street between Duane and Hillside



Proposed Streetscape

- New trees
- Decorative paving
- Decorative crosswalk
- Mid-block crossing with bump-out and raised planter
- Outdoor fireplace

Mid-block Crossing Bump-out



Attachment: 2019_05_14 CIC Presentation (3975 : CBD Streetscape and Utility

Outdoor Fireplace

D.b



Attachment: 2019_05_14 CIC Presentation (3975 : CBD Streetscape and Utility

Main and Crescent

D.b



Existing Conditions

Attachment: 2019_05_14 CIC Presentation (3975 : CBD Streetscape and Utility

Main and Crescent

D.b



Decorative paving in
furniture zone

Proposed Streetscape

- New bump-out with raised planters
- Decorative curb and bollards around horse trough island
- Decorative crosswalks and intersection paving
- Corner space for Christmas Tree

Attachment: 2019_05_14 CIC Presentation (3975 : CBD Streetscape and Utility

Main and Crescent

D.b



Decorative paving in
pedestrian access route

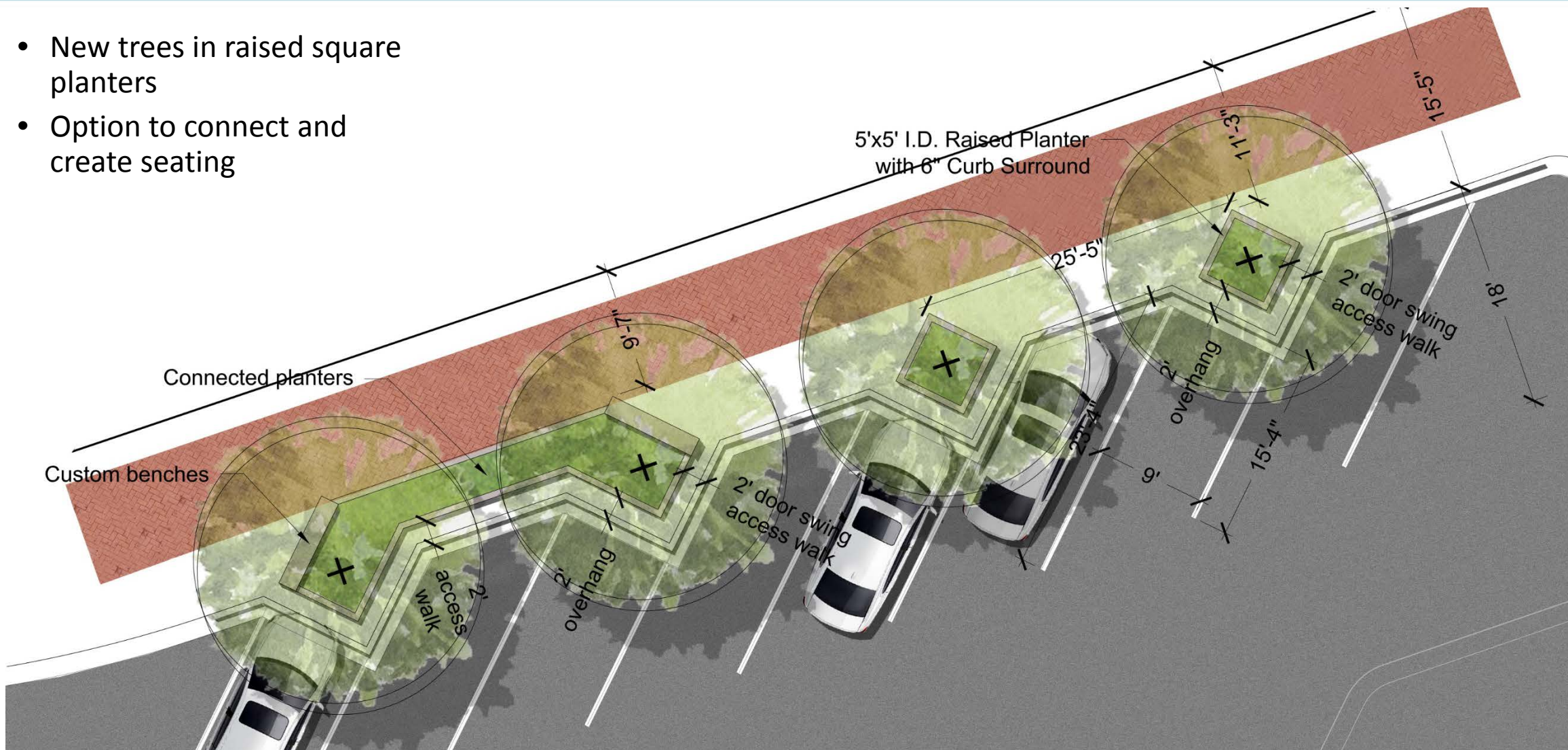
Proposed Streetscape

- New bump-out with raised planters
- Decorative curb and bollards around horse trough island
- Decorative crosswalks and intersection paving
- Corner space for Christmas Tree

Attachment: 2019_05_14 CIC Presentation (3975 : CBD Streetscape and Utility

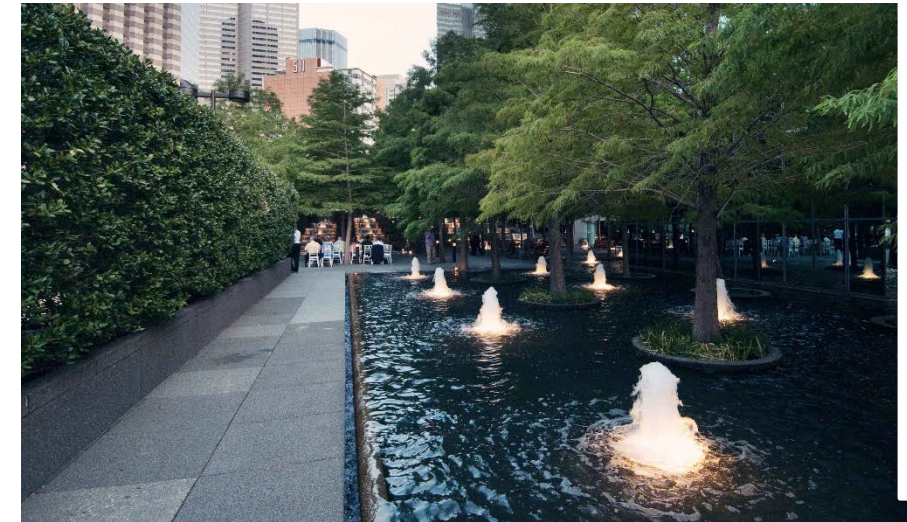
Angled parking planters

- New trees in raised square planters
- Option to connect and create seating



Additional Opportunities

- Parklet spaces that could be developed further
- Addition of a water feature
- Opportunity for fun stuff



Site Furnishings

D.b

Attachment: 2019_05_14 CIC Presentation (3975 : CBD Streetscape and Utility



Existing Victor Stanley Bench



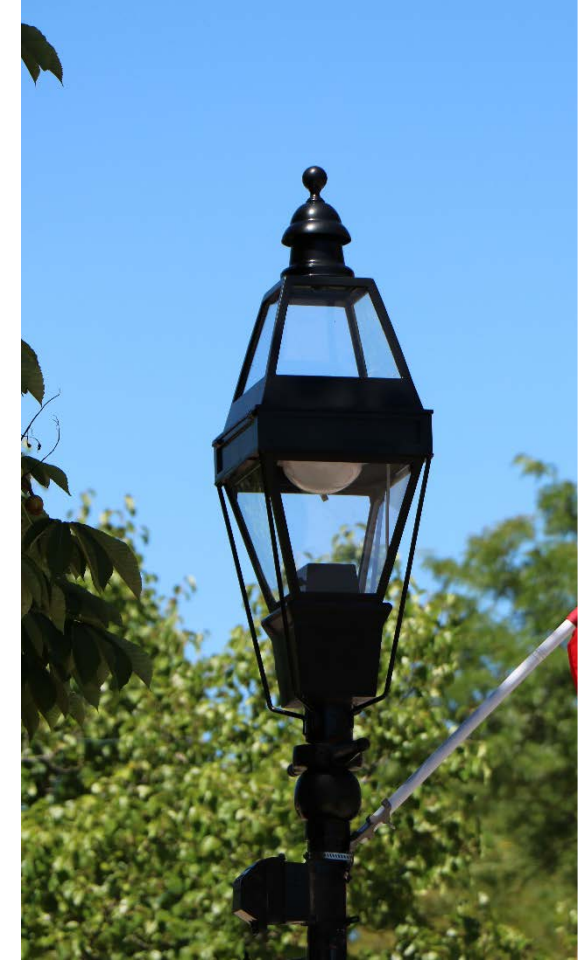
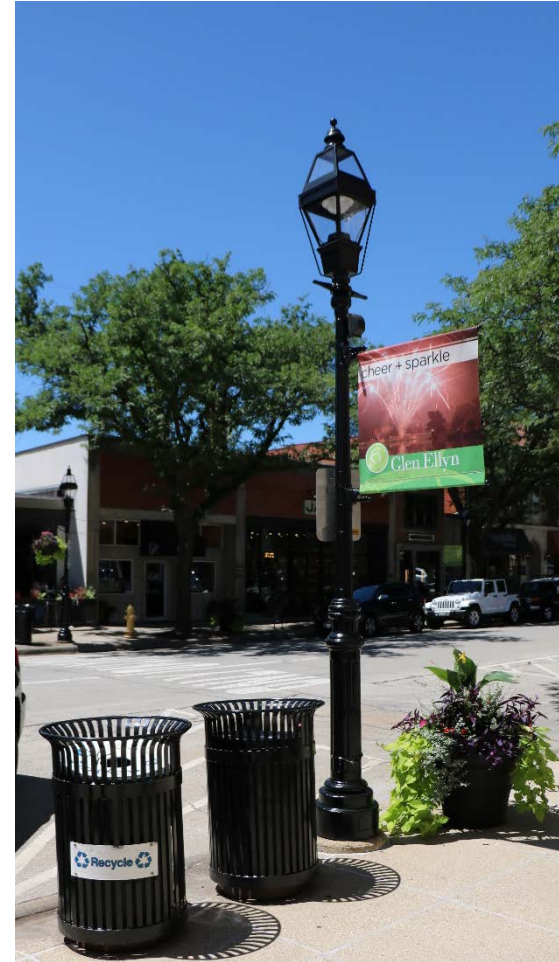
Annapolis Bollard
By Landscape Forms



Emerson Bike Rack and Poe Litter
By Landscape Forms (in Black)

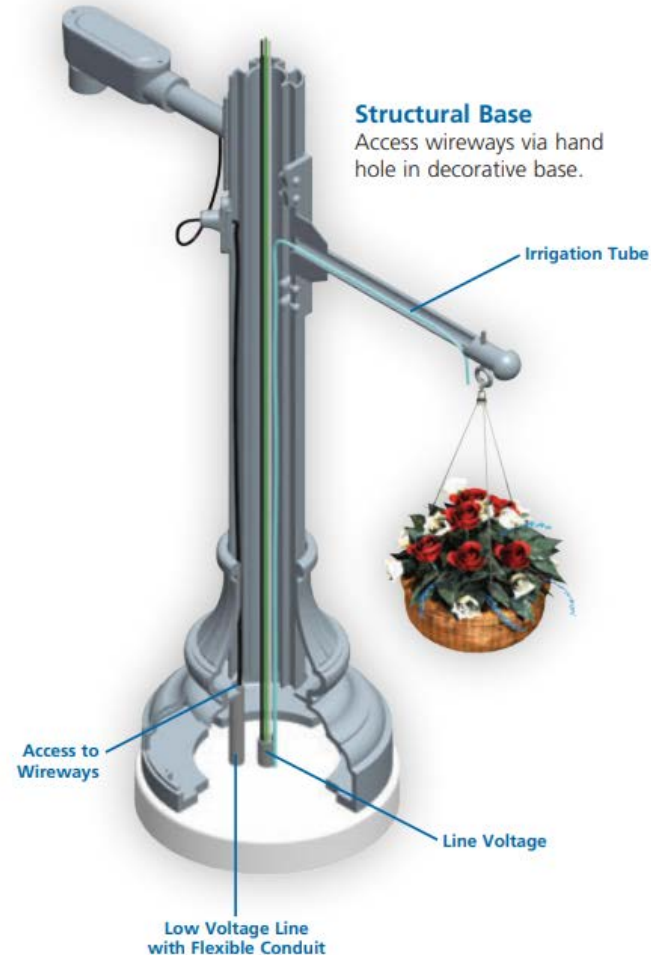
Lighting Improvements

- Existing cast iron poles cannot be cost-effectively rehabilitated
- Reuse existing historic luminaire
- Recommendation: Replace all poles with Holophane SiteLink Pole



Lighting Improvements

D.b



- Holophane SiteLink Pole
 - Fixtures for signs and flags slide into pole channels for a clean look
 - Poles accommodate irrigation system for hanging flower pots
 - Demo pole at Civic Center

Tree Plan Update

- Remove all existing trees
 - Poor health
 - Limited growing space
 - Minimal species diversity
 - Stress during construction
 - Many curb lines shifting towards center of roadway
- Replace with small and medium diameter trees
 - Species diversity
 - Appropriate canopy size
 - Increased soil volume for root growth
 - Locate closer to new curb lines



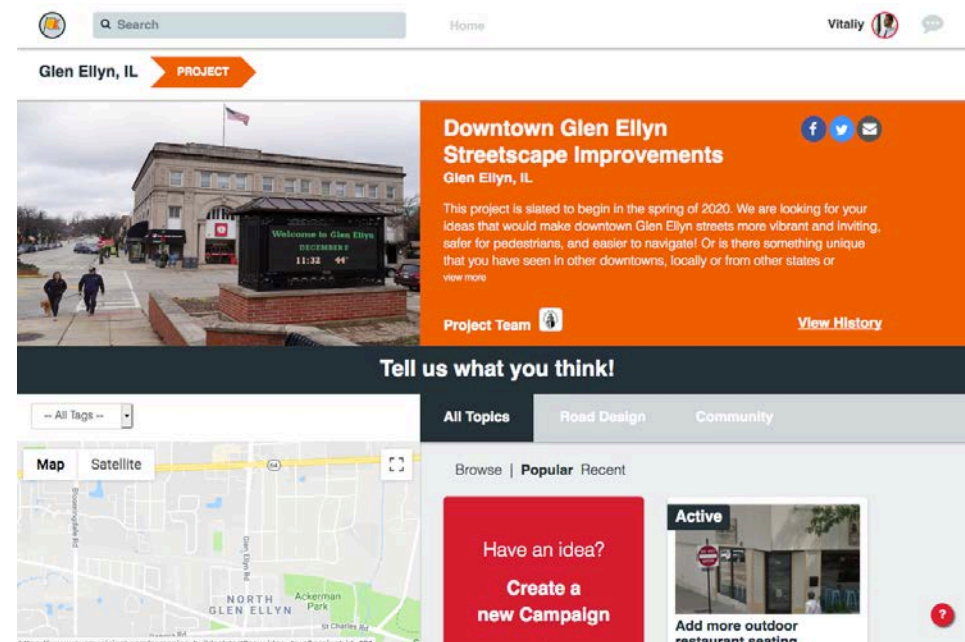
Material Selection Process – Next Steps

- Exposed Aggregate – Preferred Decorative Material for sidewalks
 - Tree and Furniture Zone
 - Bands across Pedestrian Access Route
- Stamped Colored Concrete – Preferred Decorative Material for Crosswalks
- Construct samples and Mock-ups of top choices
- Present an update during at the June CIC and VB workshop



Online Engagement Summary

- DowntownGE.com & YourMunicipal.com



Online Engagement Summary

D.b

• YourMunicipal Campaigns

Glen Ellyn, IL Downtown Glen Ellyn Streetscape Improvements CAMPAIGN

This campaign has caught people's attention. It's been viewed 181 times.

Request Status Change

If the condition of your campaign has changed and you would like to notify your supporters submit a change and we will help you spread the word.

☐ Inactive

☒ Active (default)

☐ Adopted

☐ Funded

☐ In progress

☐ Completed

Submit

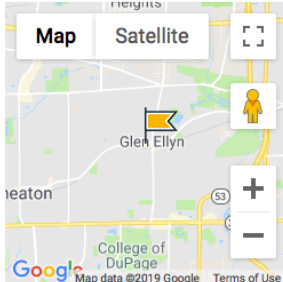
ACTIVE

7 Supporters 3 Comments

Add Bicycle Parking Spaces Throughout Downtown Glen Ellyn

 **Village of Glen Ellyn**
Glen Ellyn, IL



Downtown's current bicycle spaces are nearly always full. Let's add more spaces to meet the growing demand.

Comments

Jackie Chernesky
Absolutely agree and more bicycle parking for commuters as it is over flowing in bikeable weather.
[reply](#) [like](#)

Elena Nichol
Sustainability us important and attractive to many citizens, shoppers and visitors
[reply](#) [like](#)

Susannah Ball Glen Ellyn, IL
I agree with this wholeheartedly, HOWEVER, it needs to be accompanied by a parking surveillance similar to cars, where bikes which have been parked for days are marked and then removed. I live right downtown and there are bikes that have been locked to the existing racks for literally years and are never moved. Those need to be taken away to make space for active users.
[reply](#) [like](#)

Leave a comment

Comment

Supporters

Susannah Ball
Jessica Buttmer
Jackie Chernesky
Jessica Commo
Elena Nichol
Phillip Perlman

Online Engagement Summary

- YourMunicipal by the numbers:
 - Campaigns: 18
 - Views: 3,251
 - Most viewed:
 - *Add more outdoor restaurant seating (388)*
 - *Add bicycle lanes (332)*
 - Campaign supporters: 94
 - Campaign comments: 34
 - Sample comments:
 - *“more bicycle parking for commuters as it is over flowing in bikeable weather.”*
 - *“The benefits of investing in substantial and sustainable green spaces in expected and unexpected locations are limitless. “*

Online Engagement Summary

D.b

This campaign has caught people's attention. It's been viewed 375 times.

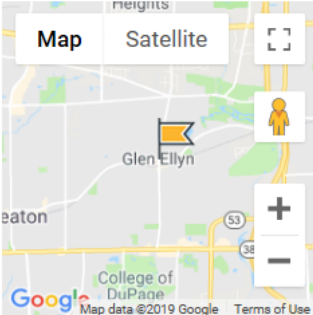
ACTIVE

18 Supporters 3 Comments

Add more outdoor restaurant seating

 **Village of Glen Ellyn**
Glen Ellyn, IL

Find opportunities to trade underutilized traffic space for sidewalk cafes to enliven Downtown and help local businesses thrive.

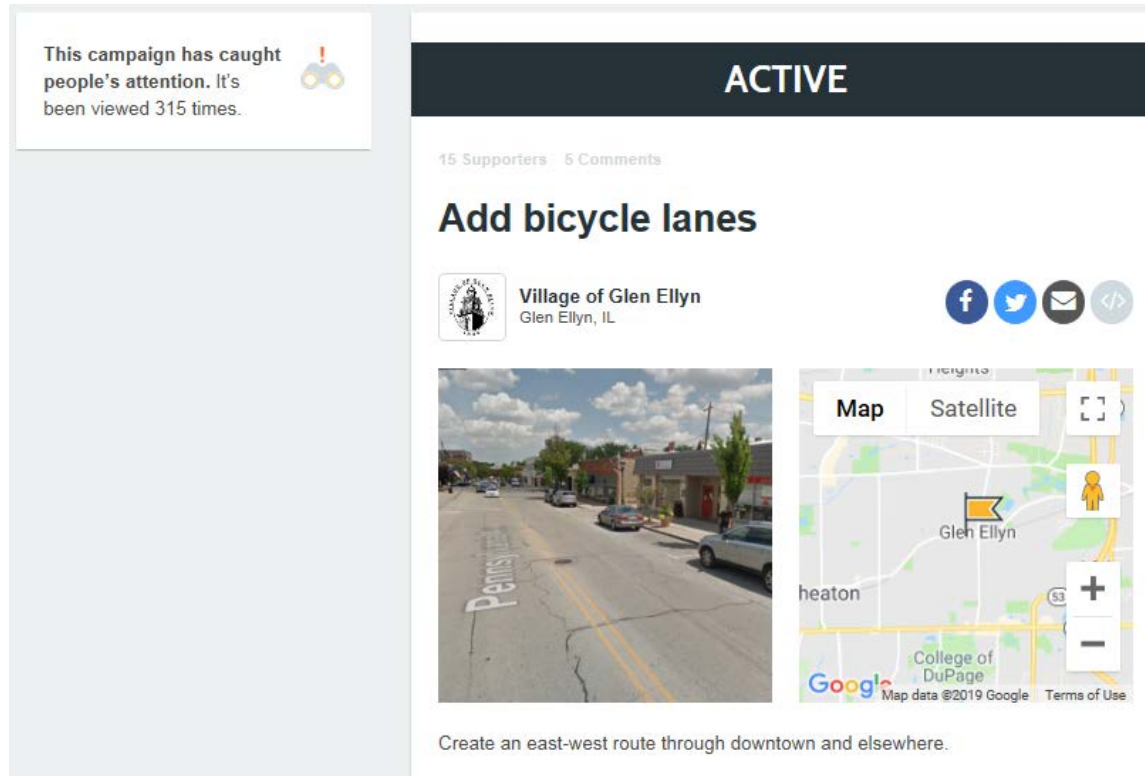
Learn about the benefits of widening sidewalks and adding outdoor seating by clicking the Link button below.

- 16 supporters
- 3 comments
 - Prefer keeping parking spaces
 - 3 comments
- Project is maximizing parking

Attachment: 2019_05_14 CIC Presentation (3975 : CBD Streetscape and Utility

Online Engagement Summary

D.b



- 14 supporters
- 5 comments
 - Most comments focused on bringing bicycle traffic into Downtown
- One-way Streets and On-Street Parking limit options
- Village has information on system possibilities to tie into future underpass

Attachment: 2019_05_14 CIC Presentation (3975 : CBD Streetscape and Utility

Online Engagement Summary

D.b

This campaign has caught people's attention. It's been viewed 244 times.



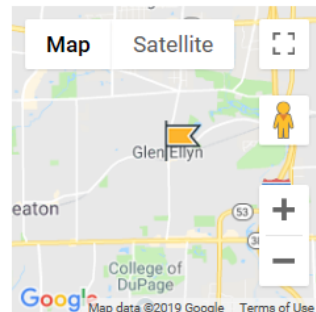
ACTIVE

11 Supporters 4 Comments

Nurture a healthy and successful urban forest



Village of Glen Ellyn
Glen Ellyn, IL



Glen Ellyn should strive to grow and maintain a sustainable "urban forest", primarily by way of a healthy tree canopy along downtown streets, that contributes to the livability of the downtown. The trees that comprise that canopy would be recognized as a part of our green infrastructure that provides economic and environmental benefits. Any tree canopy loss will be slowed and efforts made to reverse this trend through best practices in tree planting, preservation, and maintenance while fostering a sense of stewardship among residents and business owners.

- 10 supporters
- 4 comments
 - Greenspace is attractive for residents and visitors
- Project will provide better conditions for tree growth and larger planter areas

Attachment: 2019_05_14 CIC Presentation (3975 : CBD Streetscape and Utility

Online Engagement Summary

D.b

Attachment: 2019_05_14 CIC Presentation (3975 : CBD Streetscape and Utility

This campaign has caught people's attention. It's been viewed 183 times.



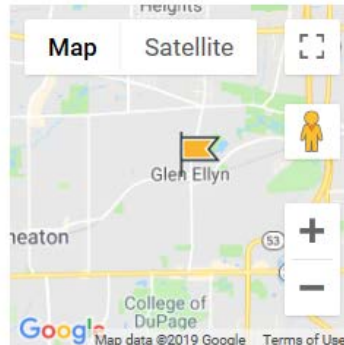
ACTIVE

7 Supporters 3 Comments

Add Bicycle Parking Spaces Throughout Downtown Glen Ellyn



Village of Glen Ellyn
Glen Ellyn, IL



Downtown's current bicycle spaces are nearly always full. Let's add more spaces to meet the growing demand.

- 6 supporters
- 3 comments
 - For commuters and visitors
 - Request monitoring of use
- Project will provide more locations and possibly a more useful rack design

Online Engagement Summary

D.b

This campaign has caught people's attention. It's been viewed 205 times.



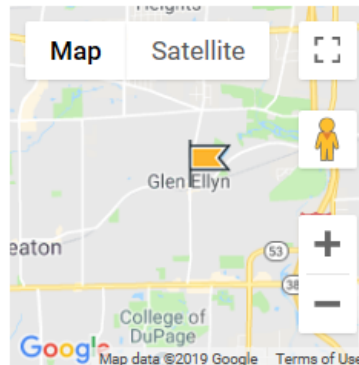
ACTIVE

7 Supporters 4 Comments

Add decorative features to the streetscape



Village of Glen Ellyn
Glen Ellyn, IL



Add additional streetscape elements that make a more pleasant and interesting place for people to walk and spend time. This could include public art, plantings, unique seating and lighting.

- 6 supporters
- 4 comments
 - Native Plants
 - History Plaques
 - Rotate Installations
- Project will evaluate effective use of planters
- History Museum also interested in commemorating building history

Attachment: 2019_05_14 CIC Presentation (3975 : CBD Streetscape and Utility

Online Engagement Summary

D.b

This campaign has caught people's attention. It's been viewed 156 times.



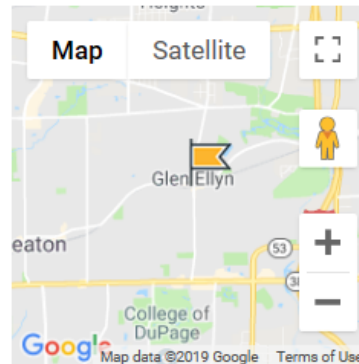
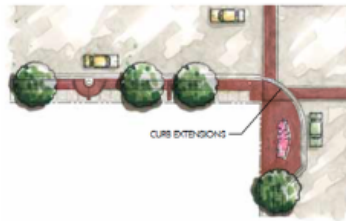
ACTIVE

5 Supporters 3 Comments

Install Curb Extensions at the Main/Crescent Intersection



Village of Glen Ellyn
Glen Ellyn, IL



Make space for bike parking, planters or other streetscape elements. Widen the sidewalks to make crossing safer with the understanding that some street parking may be lost.

- 3 supporters
- 3 comments
 - Increase visibility
 - Keep parking
- Project is maximizing parking
- Curb bumpouts increase visibility of pedestrians

Online Engagement Summary

D.b

This campaign has caught people's attention. It's been viewed 181 times.



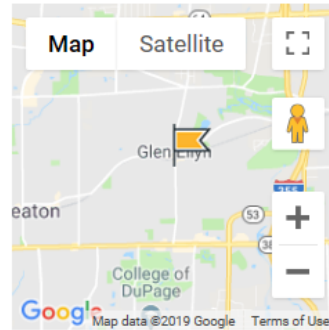
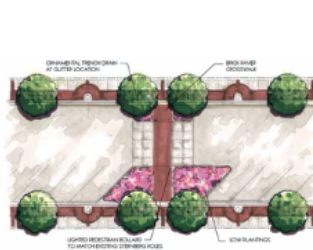
ACTIVE

5 Supporters 2 Comments

Install Mid-Block Crossings on Main Street



Village of Glen Ellyn
Glen Ellyn, IL



Mid-block crossings improve walkability in places where pedestrian traffic is busiest and people are already crossing versus at marked intersections. Crossings would be delineated using brick pavers, signage, and/or low plantings to alert drivers to the presence of pedestrians.

Where would you place a mid-block crossing on Main Street? You can suggest a location in the comment section below.

- 4 supporters
- 2 comments
 - People cross here anyway
 - Provides focal point
- Project includes Mid-block Main St crossing between Duane and Hillside

Attachment: 2019_05_14 CIC Presentation (3975 : CBD Streetscape and Utility

Online Engagement Summary

D.b

This campaign has caught people's attention. It's been viewed 147 times.



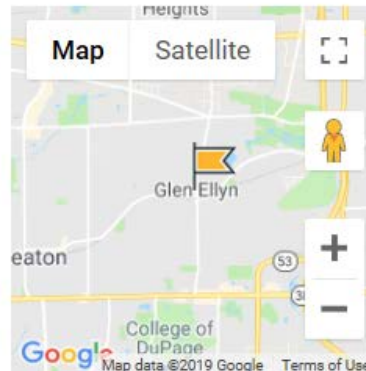
ACTIVE

5 Supporters 1 Comment

Downtown Glen Ellyn public art



Village of Glen Ellyn
Glen Ellyn, IL



Let's make Downtown Glen Ellyn even more beautiful with public art!

- 4 supporters
- 1 comment
 - Creates a desirable destination
- Widened sidewalks and Pocket Parks present opportunities

Attachment: 2019_05_14 CIC Presentation (3975 : CBD Streetscape and Utility

Online Engagement Summary

D.b

This campaign has caught people's attention. It's been viewed 147 times.



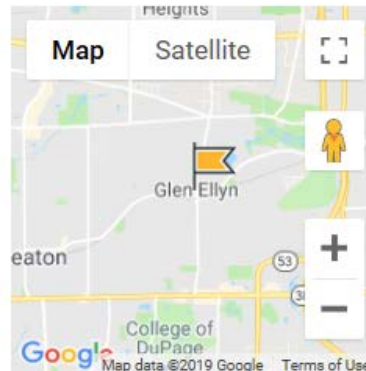
ACTIVE

5 Supporters 1 Comment

Downtown Glen Ellyn public art



Village of Glen Ellyn
Glen Ellyn, IL



Let's make Downtown Glen Ellyn even more beautiful with public art!

- 4 supporters
- 1 comment
 - Creates a desirable destination
- Widened sidewalks and Pocket Parks present opportunities

Attachment: 2019_05_14 CIC Presentation (3975 : CBD Streetscape and Utility

Online Engagement Summary

D.b

ACTIVE

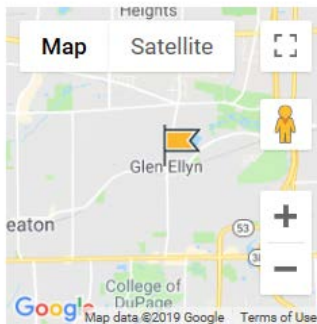
2 Supporters 1 Comment

Multipurpose Courtyard (Seating w/Fireplace & Splash pad)

 Phillip Perlman
Glen Ellyn, IL



Replace the Millennium Flower Clock with a multipurpose space for all 4 seasons and offer space for people to sit and enjoy downtown Glen Ellyn.

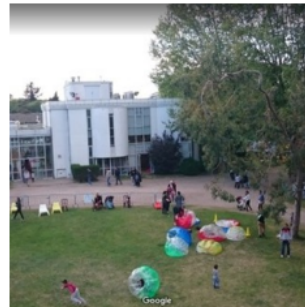


ACTIVE

1 Supporter 0 Comments

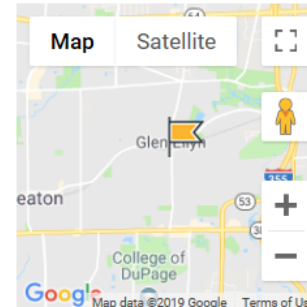
Let's Build Parc De L'Ermitage in Downtown Glen Ellyn

 Glen Ellyn, IL



We should convert the old Giesche Shoes and the adjacent parking lot into a green park with an array of amenities. To honor our French sister city, Le Bouscat, we should seek inspiration from the park in their downtown, Parc De L'Ermitage, which has diverse plants, a rose garden, a playground, a plant labyrinth, and a Little Free Library. They describe it as a "real breath in the heart of the city."

Other ideas include organic gardening, a stage for thespians and musicians, & bike parking.



ACTIVE

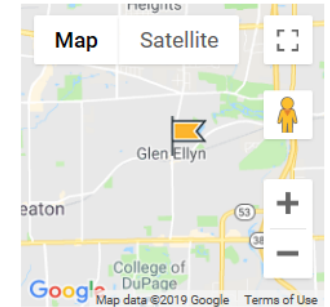
1 Supporter 0 Comments

Create Main Street Plaza

 Colleen Foley
Glen Ellyn, IL



Closing off Main St between Crescent and Pennsylvania to create a public square with a fountain in the center that incorporates the horse trough, a few large trees, the addition of bench seating and restaurant seating, could be a wonderful gathering space. Lost parking spaces could be gained with the addition of diagonal parking spaces along both the south and north borders of the plaza. A parking garage at the old McChesney and Miller site would solve other parking issues.

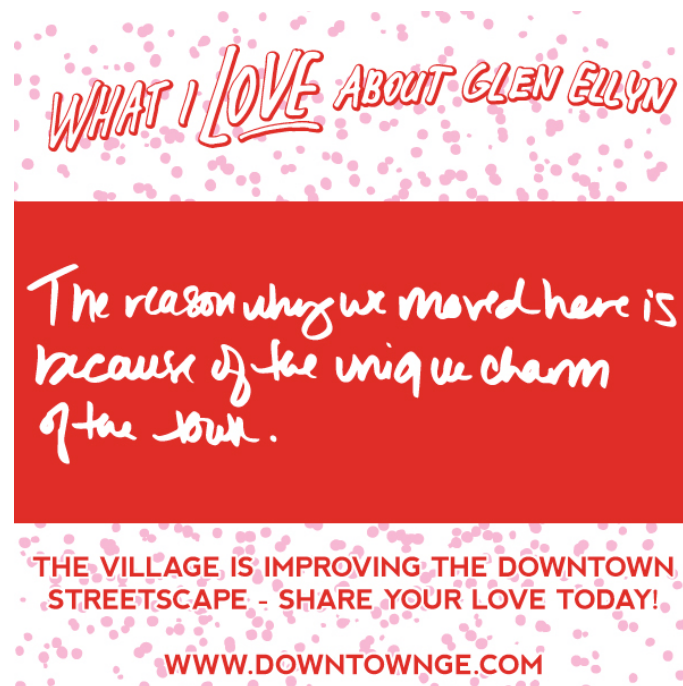


Online Engagement Summary

- Social Media Campaigns: Facebook, Twitter, Instagram



March/April: A Spring theme



February: Valentines to Glen Ellyn using residents' writing from 1.30 workshop



January: A New Year, New Ideas theme

Online Engagement Summary

- Help keep the momentum going:
 - Like, Click, RT, Share, etc via:



Instagram:

@planning_muse



Twitter:

@planningmuse



Facebook:

@musecommunitydesign



Village eNewsletter:

www.glenellyn.org/enewsletter/

Next Steps

- May-July
 - Board Workshops
 - Material Mock-ups
- August/Sept
 - Open House





Capital Improvements Commission

535 Duane Street
Glen Ellyn, IL 60137

Meeting: 05/14/19 07:00 PM

Department: Capital Improvements Commission

Department Head: Rich Daubert

Category: Report

Prepared By: Rich Daubert

SCHEDULED

AGENDA ITEM (ID # 3976)

DOC ID: 3976

Engineering Division Project Activity Report Dated May 10, 2019

Please see the attached Engineering Division Project Activity Report Dated May 10, 2019. Staff will highlight the report at the May CIC meeting but is happy to discuss any particular items in detail as requested by the Commission.

ATTACHMENTS:

- Monthly Construction Report 5-10-19 (PDF)



May 10, 2019

ENGINEERING DIVISION PROJECT ACTIVITY REPORT

CONSTRUCTION PROJECTS

NORTH PARK BLVD. / MAIN STREET IMPROVEMENTS – Contractor: R.W. Dunteman Co.

(Project No. 13001; Value of Construction Contract = \$2,945,000)

The Contractor and its subcontractors are currently working through completion of the ~ 150 item punch list with approximately ½ of the items complete at this time. The majority of the remaining items include changing out manhole covers, completing the cleaning of drainage structures and manholes, completing the tracer wire system for the water main, and patching isolated areas of the asphalt roadway pavement. The project engineering team is pushing the Contractor to complete the punch list as soon as possible with working days continuing to be assessed against the Contractor as favorable weather permits doing so. A change order for additional Phase III Construction Engineering Services was approved by the Village Board on April 22.

Closeout of the project will take time, however, the project team has been thorough with documenting the work and persistent with collecting all required documentation from the contractor. These efforts should facilitate a reasonably timely closeout of the project.

TAYLOR AVENUE PEDESTRIAN TUNNEL – Contractor: “D” Construction

(Project No. 15009; Value of Construction Contract = \$2,745,521)

The Contractors and its subcontractors are currently working through completion of the ~ 40 item punch list. Unfortunately, the recent unfavorable weather has not permitted the completion of many items which are weather dependent such as excavating, placing topsoil, and restoring the disturbed areas with sod. However, weather over the next two weeks looks promising with the project team standing ready to wrap the remainder of the project punch list up.

CONSTRUCTION PROJECTS IN CLOSE-OUT

ROOSEVELT ROAD WATER MAIN REPLACEMENT (Nicoll to IL-53) – Contractor: Swallow Construction Corp.

(Project No. 13008; Value of Construction Contract = \$555,000)

A final change order has been approved by the Village Board. Acceptance of the project and final payment to the Contractor will be made upon the completion of one final lingering punch list item involving the replacement of the fire hydrant tracer wire connectors specified in the contract (the Contractor installed a different type which is not acceptable to Public Works). The Contractor is awaiting the parts, currently on backorder, and will install them upon receipt.

2017 STREET RESURFACING – Contractor: Geneva Construction Company

(Project No. 17002; Value of Construction Contract = \$2,060,000)

All Punch List work has been completed. A guarantee period walkthrough will be performed prior

to final acceptance of the improvements.

HILL AVENUE BRIDGE REPLACEMENT – Contractor: Dunnet Bay Construction

(Project No. 16008; Value of IDOT Contract = \$1,550,000; Glen Ellyn Share = \$160,000)

The Village has received and is processing invoices from Lombard for construction and construction engineering services for the project.

CRESCENT BOULEVARD RECONSTRUCTION – Contractor: Martam Construction

(Project No. 13002; Value of IDOT Contract = \$3,153,000; Local Share = \$1,480,000)

Closeout of the project is imminent with quantities agreed to, balancing authorization completed and approved, final pay estimate processed, and final papers completed and submitted to IDOT.

X-WALK IMPROVEMENTS AT IDOT INTERSECTIONS – Contractor: Hecker and Company

(Project No. 14007; Value of IDOT Contract = \$197,971; Local Share = \$65,000)

Staff has submitted the first reimbursement request to RTA in the amount of \$35,565.53 for their financial contribution towards the project.

ENGINEERING PROJECTS

ROOSEVELT ROAD – ROUTE 53 WATER MAIN LINING – Engineer: Baxter & Woodman

(Project No. 16015)

The acoustical testing results have been discussed with the Engineer for final design direction. In addition, staff met with a potential lining contractor to evaluate their capabilities of lining through 45-degree water main bend fittings. Staff is currently reviewing the contractors lining specifications, videos, and other project information as well as other contractors'/manufacturers' information.

BAKER HILL ACCESS IMPROVEMENTS – Engineer: James. J. Benes

(Project No. 16021)

Staff received word on May 9 that IDOT has approved the plans and specifications for the project. The bidding and contract documents will be finalized in the coming weeks with staff's goal to release the project for bidding by the end of May.

HILL AVENUE UTILITY IMPROVEMENTS – Engineer: Walter E. Deuchler Associates

(Project No. 00511)

The engineer is advancing the plans and specifications to pre-final state while concurrently submitting for permits. The project team is targeting letting of the improvements in the fall of 2019 with construction anticipated in spring of 2020.

CUMNOR AVENUE UTILITY IMPROVEMENTS – Engineer: Walter E. Deuchler Associates

(Project No. 19009)

The engineer is advancing the plans and specifications to pre-final state while concurrently submitting for permits. The project team is targeting letting of the improvements in the fall of 2019 with construction anticipated in spring of 2020.

SCOTT-CLIFTON-CUMNOR IMPROVEMENTS – Engineer: In-House

Preparation of final plans, specifications, and estimates is underway with competitive bidding for construction of the improvements is slated for May 24th. Plans include additional drainage and roadway base improvements which were identified during the course of design work. Staff is coordinating with Nicor Gas on potential improvements to accommodate the planned improvements. Subject to the receipt of satisfactory bids and award of the project, construction would occur summer of 2019.

2019/2020 STREET RECONSTRUCTION PROJECT – Engineer: Pending

Staff is developing a Request for Proposals to procure engineering services for the project.

CENTRAL BUSINESS DISTRICT PROJECTS**TRAIN STATION / PEDESTRIAN TUNNEL – Engineer: CDM Smith/KMI Architects**

(Project No. 16016)

The project team successfully submitted the CMAQ and STP Shared Fund Grant Applications by the March 15, 2019 deadline. [A listing of all projects submitted is located here with Glen Ellyn's Project on the bottom of Page 15 \(click here for hyperlink\).](#)

As noted previously, staff gave presentations in pursuit of bonus points for the STP Shared Application to both Northwest Municipal Conference (NWMC) on Friday, April 5, 2019 at its Council Meeting in Barrington and to the DuPage Council on Thursday, April 11, 2019 at its Council Meeting in Lisle. While the Village's project was well received by both Councils, it was not selected for award of the Councils' respective bonus points given other competitive project applications. However, staff is still optimistic that it has prepared a strong application for both grant programs and that the other evaluation criteria for the programs, particularly those in relation to transit, will keep the Village's project in the running for funding.

The Selection Process Timeline for the CMAQ, TAP-L, and STP Shared Fund is as follows:

Date (2019)	Action
January 15	Call for projects released
January 15	Webinar: overview of the funding programs and eligible projects
January 17	Webinar: how to submit an application via the eTIP website
March 1	Deadline for sponsors to submit applications to Planning Liaisons for review
March 15	Applications due by the end of business day
May 21	Deadline for Councils/CDOT to submit bonus points allocation (STP only)
June 1	Deadline for obtaining design approval or submission of PDR documents

July 18	Project Selection Committees (PSCs) consider staff recommended draft programs
July 18-August 16	Public comment period
September 5	PSCs review public comment and finalize proposed programs
October 10	CMAP Board and MPO Policy Committee consider proposed programs
November	Federal eligibility determination (CMAQ only) and funding notification

CBD UTILITY STUDY – Engineer: RJN Group/Michels Corp.

(Project No. 15006)

Televising of the few remaining sections of sewer is underway. The results will be added to the final infrastructure report on the condition of the underground storm, sanitary and water infrastructure which was received in November 2018. RJN is working on addressing staff's comments on the draft report for monitoring and modeling of sanitary sewers in the CBD. Staff is working with RJN to finalize the study and provide direction on the scope of the CBD Streetscape and Utility Improvements Project.

CBD UTILITY AND STREETScape IMPROVEMENTS – Engineer: Civiltech Engineering, Inc.

(Project No. 15006)

The project team met with the CBD Steering Committee to update the Committee and present for review updated roadway and parking plans. The Consultant presented draft streetscape renderings revealing the general appearance of the streets after the improvements would be completed. Items of discussion included decorative sidewalk material placement, tree planters, pocket parks, potential alternate Christmas tree locations, and streetscape features and water feature. Staff presented an outline for selecting the decorative pavement materials and discussed long term maintenance required for materials considered. Additional research on cost and installation of exposed aggregate concrete material will be conducted. Additionally, the team had provided an update on the online public involvement process.

The project team is preparing to discuss the following items at the May CIC and Village Workshop meetings; updated project cost estimate, proposed construction sequence and schedule, lighting improvements, tree plan update, material selectin process, and streetscape elements and renderings.

These concepts will be further refined as the project team finalizes the Phase I engineering assignment. Based upon the direction the Board has given, Phase I Design Engineering will continue with the development of design concepts and exhibits, development of a preliminary construction schedule and continued public outreach.

It is anticipated that Phase I will be substantially complete in the coming months, with findings presented to the Village Board at a Workshop tentatively scheduled for May and June. Next steps will involve further review of construction sequencing/phasing and strategizing for the procurement of Phase II Engineering services for the project.



Draft Streetscape Rendering (facing south on Main St. at Pennsylvania Ave.)

PROCUREMENT OF GOODS AND SERVICES

Public Works seeks the best vendor prices for various annual municipal and utility maintenance and operations activities. This effort includes local bidding of projects or joint purchasing initiatives, including the Municipal Partnering Initiative (MPI), a consortium of DuPage County communities.

Project	Estimated Glen Ellyn Cost	Status
2019 Sidewalk and Concrete Street Repairs	\$346,000 (2019)	Extensive concrete roadway panel replacement is intended for this year's program. Contract documents were prepared for an April 12 bid advertisement, and bids were opened on May 1. Staff recommends awarding the contract to the low bidder, Schroeder & Schroeder, Inc., at the May 28 Village Board Meeting. Candidate repair locations are being reviewed in advance of a June 17 construction start date.
2019 Asphalt Roadway Patching	\$190,000 (2019)	Project scope includes roadway patching throughout the Village and resurfacing of Hill Avenue from Cumnor Avenue to the Prairie Path. The project was advertised on April 26, and bids are scheduled to be opened on May 15. Staff will evaluate bids for award at the May 28 Village Board Meeting. Candidate patching locations are being compiled in advance of construction starting in early August.
2019 Pavement Markings	\$20,000 (2019)	Candidate locations are being compiled. The contract is anticipated to be awarded to the Suburban Purchasing Cooperative low bidder, Superior Road Striping, at the May 28 Village Board Meeting.
2019 Crack Sealing	\$15,000 (2019)	Candidate locations and quantities are being compiled in order to request three pricing proposals. Staff anticipates recommending the low proposal for execution by the Village Manager. Construction is targeted to start by late June.

2019 Asphalt Surface Rejuvenation	\$85,000 (2019)	Candidate locations include streets that have been resurfaced one to three years prior. Staff is finalizing locations and quantities before requesting a proposal from Corrective Asphalt Materials. It is anticipated that staff will recommend single source purchase award at the May 28 Village Board Meeting.
Annual Sewer Lining	\$500,000 (2019)	Staff is in the process of finalizing the bidding and contract documents. Televising of additional sewer sections is required and has been requested to be complete by PW Utilities Division. Project will be bid as soon as all sewer video is received, reviewed and remaining sewer sections are included in the scope of the work.
Spoil Hauling and Delivery of Aggregates	\$54,000 (2018)	KLF Enterprises

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