



Agenda
Village of Glen Ellyn
Capital Improvements Commission Meeting
Tuesday, March 9, 2021
7:00 PM
Electronic Conference Call

On March 16, 2020, Governor Pritzker issued Executive Order. No. 5 in response to COVID19, which temporary suspended certain requirements of the Open Meetings Act ILCS 120 allowing Village Capital Improvements Commission members to participate electronically in meetings. Please complete the Capital Improvements Commission public comment form, which can be found at www.glenellyn.org/publiccomment. All public comments submitted prior to the Public Comment portion of the agenda will be read into the official record, and any comments received during the meeting will be read into the record during the appropriate portion of the agenda. If you wish to attend the meeting, you may contact the Village at (630) 5475507

or

rdaubert@glenellyn.org and the meeting information will be provided to you. As a courtesy, the Village requests that these requests be submitted before 4:30pm on the day prior to the meeting.

A. Call to Order

B. Public Comment (Non Agenda Items)

C. Approval of Minutes

- 1) Motion to approve the February 9, 2021 Capital Improvements Commission Meeting Minutes.

D. Current Business

- 1) March 2021 CIC Meeting on CBD Streetscape Design Elements

E. Trustee's Report

F. Other Business

G. Public Works Report

H. Project Report

- 1) Engineering Project Report Dated 3/5/2021

I. Adjournment



Meeting Minutes
Village of Glen Ellyn
Capital Improvements Commission
Regular Meeting
February 9, 2021
7:00 PM
Electronic Conference Call

Board or Commission: Capital Improvements

Date: February 9, 2021

Meeting: Regular

Called to Order: 7:00 p.m.

Quorum: Yes

Adjourned: 9:07 p.m.

Member Attendance:

Steve Szymanski	Chairman	Present
Joel Baldin	Commissioner	Present
Adam B. Biggam	Commissioner	Present
Joshua J. Cattero	Commissioner	Present
Arthur F. Foerster	Commissioner	Present
Michael M. Lindquist	Commissioner	Present
Steve Neurauter	Commissioner	Present
Rocco J. Zuccherro	Commissioner	Present
Steve Thompson	Trustee Liaison	Present
Richard Daubert	Staff Liaison/Professional Engineer	Present

Also Present:

Dave Buckley	Assistant Public Works Director
Julius Hansen	Public Works Director
Elisa Pollina	Recording Secretary
Tom Topor	Senior Civil Engineer
Phil Hutchinson	Civiltech Engineering
Kristin Kalitowski	Civiltech Engineering
Mike Folkening	Civiltech Engineering
Dan Anderson	Historical Society

A. CALL TO ORDER

The February 9, 2021 Meeting of the Capital Improvements Commission was called to order by Chairman Szymanski at 7:00 PM via Electronic Conference Call.

B. PUBLIC COMMENT – None

C. APPROVAL OF MINUTES FROM JANUARY 12, 2021 CAPITAL IMPROVEMENTS COMMISSION MEETING

MOTION TO APPROVE MINUTES FROM JANUARY 12, 2021 CAPITAL IMPROVEMENTS COMMISSION MEETING

MOTION BY: Commissioner Lindquist

SECOND BY: Commissioner Biggam

RESULT: UNANIMOUS APPROVAL

D. CURRENT BUSINESS

1. *Central Business District Streetscape and Utility Improvements Project February 2021 CIC Meeting on Streetscape Design Elements:*

Engineer Daubert reports tonight we are back with some decision points for the CIC to review. The Village Board made some decisions with respect to some of the design elements (see attached memo). Engineer Topor and Civiltech will go over some additional designs elements that staff would like the CIC to give their input on. Phil Hutchinson from Civiltech goes over tonight's discussion objectives (see attached presentation). The objectives of tonight's meeting are to review the following: Decorative pavement band options, Crosswalk materials, Updated 3D renderings, Planter curb materials, Historic plaque options and tree species selection.

Decorative Pavement Band Options: Hutchinson reports we are seeking feedback from CIC on the two available options. Narrow Band Option 1 - 16" band of running bond course of 4"x12" brick, and Narrow Band Option 2 – 12" soldier course of 4"x12" brick. Hutchinson shows renderings of both options (see attached). The Development Committee reviewed these options and preferred Narrow band Option 1. Engineer Daubert asks the CIC for their input.

Commissioners Baldin & Biggam would be fine with either option. Commissioners Cattero, Foerster, Lindquist, Neurauter, Zuccherro and Chairman Szymanski prefer Option 1.

Decorative Crosswalk: Hutchinson reports that the Village Board would like to add brick pavers to the list of options for the decorative crosswalks. In talking to Whitacre Greer, it

was noted that the 4"x12" brick pavers in the furniture zone would not be appropriate to use in the crosswalks. We would instead use 4"x8" bricks of greater thickness which are stronger than the 4"x12" pavers. We would also use a wider header band to keep the bricks from shifting. Hutchinson shows renderings of brick pavers and decorative MMA crosswalks (see attached). He adds, we will look at other projects in the region (Batavia & Oak Park) to see how well the brick paver crosswalks have held up. But we are confident this could be done in Glen Ellyn. Commissioner Biggam asks if Public Works has any concerns with brick pavers and snow removal. Engineer Daubert adds there are some concerns with the pavers not holding up over time and that we may want to use tumbled pavers due to likely distress. Director Hansen adds we need to construct it as strong and durable as possible. We need to build it for the long term.

Commissioner Neurauter asks if there are any engineering issues using the brick pavers on raised crosswalks. Hutchinson replies, I don't think there will be any issues or restraints with those elevated areas.

Commissioner Zucchero asks what the cost difference between the 2 options is. Engineer Daubert replies we originally allocated \$325,000. The mix of MMA & plain crosswalks were last estimated at \$297,000; now with this design we are at \$370,000. This would be a ~\$45,000 increase to the project cost. Commissioner Neurauter adds, it appears that the brick pavers do have twice the lifespan as the other options and they may be more economical than MMA over time even despite their more frequent maintenance.

Commissioner Biggam notes concerns with the life of the pavers. Engineer Daubert notes it is hard to predict how they will hold up given the variability with snow events but that they will require considerable maintenance over time.

Chairman Szymanski asks what sort of maintenance will the pavers require after installation, my concern is the volume of traffic in GE and while the pavers look beautiful when newly installed, their appearance may degrade over time. Hutchinson replies fire clay brick does last a long time; you may have to power wash it to keep it looking good. Engineer Daubert notes that we need to be realistic that pavers are going to take a beating from traffic and snow removal operations and some will get broken; however, we are using the north shore blend with replacement pavers being readily available. Engineer Daubert elaborates that the pavers have a great aesthetic value though and that the Development Committee strongly supports them in the context of Public Works being able to maintain them. Chairman Szymanski asks what the cost difference is between MMA/Plain Concrete and Pavers. Engineer Topor notes approximately \$70,000.

Trustee Thompson asks if we still plan on including the Prairie Path crossing on Park to this project and if not, should we include it. Commissioner Cattero said we are doing 2 of the 3 (Prairie Path cross walks) we need to find a way to get it in. Chairman Szymanski notes we will poll the Commissioners on this item as we solicit input.

Engineer Daubert asks the CIC for their input on the proposed decorative crosswalk options.

Commissioners Foerster, Cattero, Lindquist, Neurauter, Zuccherro, Baldin, Biggam and Chairman Szymanski prefer the brick pavers and would like to include the crossing on Park Blvd (Prairie Path crossing). Commissioner Biggam noted he shares Engineer's Daubert's concerns with paver maintenance but supports them in the context of the stout design and Public Works being able to maintain them. Dan Anderson from the Historical Society prefers the brick paver crosswalks and would also like to see the Prairie Path crossing at Park included with the project as well.

Planter Curbs: Hutchinson reports the Village Board wants us to include granite and precast concrete as the two options. The granite would be in the core of the CBD bound by Anthony to the North, Hillside to the South, Glenwood to the west and Forest to the East. Outside of this area, precast would be the base bid material and granite would be an add alternate bid. The board would like to see how the bids come in. We could use granite throughout if the bids are favorable.

Historic Sidewalk Plaques: Hutchinson reports these plaques preserve and celebrate the history of the downtown. They emphasize historically noteworthy buildings and locations. There will also be additional information on the historic locations contained in a pamphlet and on a website. We have asked the Historical society to research potential historic locations and they have provided feedback to us. They have identified about 30-40 locations.

There are 4 options considered for the plaques.

Option 1: 12"x12" Granite Plaque, (Mesabi Black, Diamond 10 finish) Plaques to be centered in decorative pavement field.

Option 2- 16"x16" Granite Plaque: Granite color and finish to match planter curb material (Mesabi Black, Diamond 10 finish) Plaques to be centered in decorative pavement field.

Option 3: 5 ¼" x 12" bronze plaque on top of granite/precast curbing.

Option 4: Bronze Plaque mounted to post.

Engineer Topor adds, the Development Committee reviewed the options and preferred options 1 & 2. Option 3 was thought to be too small and Option 4 was too large. We met with key members from the HPC and HSS and they preferred options 1 & 2. The only question was the size.

Commissioner Baldin asks if they considered doing the plaques on pavers as the granite may be slick to walk on. Director Hansen asks if you could go with a rougher texture. Hutchinson adds, I did ask for slip-resistant granite. Dan Anderson reports I did speak with Troost Monument and they said you can have slip proof granite and still engrave on it. Anderson prefers the larger sized plaques (16"x 16") so additional information can be added and he likes the diagonal look better than the square. He also adds we can do more than 30-40 plaques. We plan to identify as many locations as possible and let the Village decide how many the project can support. The Historical Society will pick up the cost of the granite

plaques. Engineer Daubert noted that we will have to carefully pick locations for the plaques given we have other items to fit in the streetscape such as benches, planters, street lights.

Trustee Thompson asks could you use more wording on the square placement instead of the diamond. Anderson replies yes, but not sure that's important. We will put key information on the actual plaque and the printed material and website would provide more information. Engineer Daubert asks the CIC for their input on the Historic Plaques.

Commissioners Biggam, Cattero, Foerster, Lindquist, Neurauter, Zuccherro, Baldin and Chairman Szymanski prefer Option 2 -16"x16" plaques.

Hutchinson adds our next steps with historic plaques would be to present this information at the February 16th Village Board Workshop, commemorate the direction of the Village Board on the placement of the historic sidewalks plaques with the other streetscape design elements and continue detailed streetscape design with inclusion of the historic sidewalk plaques and coordination from the Historical Society.

Recommended Trees for CBD Streetscape: Engineer Topor reports we reviewed the tree list with the Environmental Commission and they support this plan and want us to diversify as much as possible. There is still a need to educate the public on why we are removing trees. Topor asks the CIC if they have any thoughts or comments on the tree list. Chairman Szymanski states we support tree diversity. He adds, 20-30 years from now will we notice that a plan was made (i.e.: continuity with tree size, leaves falling at same or different times etc.). Hutchinson replies we are making the urban forest better. We will pay attention to form and make the areas contextual. We are picking trees by location. It will be a lot different from what's out there now. Chairman Szymanski asks can we show extremes to make it easier to set the tone so residents know what is coming. Hutchinson states, yes we can show some graphics so people can visualize what it is going to look like. Engineer Daubert adds the more diversity the better it will be for the Village in the long run. Director Hansen asks, on Main Street can you put trees that are similar in structure and size. Hutchinson replies, yes we can and we are looking to do that.

Project Schedule: Engineer Daubert reports we continue to attend weekly construction schedule updates on Apex and are still waiting to hear back from COD on the Frida Kahlo exhibit. Based on that, staff is concerned about successfully advancing this project this year. We have reviewed all factors and Staff's recommendation to the Village Board will be the right time to advance this project is early 2022. Utility work would start as early as February. We are looking at the staging of the project and are working on putting together a detailed schedule.

Chairman Szymanski thanks the CIC for all their input tonight.

- E. TRUSTEE'S REPORT** – Trustee Thompson reports Gary Fasules was sworn in as the acting Village President. He will be finishing out Diane McGinley's term which will end in May after the Village election. The Village Board approved the dental office that will be going in at 414 Pennsylvania Avenue. The Village Board also approved the extension of \$5,000 COVID relief grants

for businesses. If you know of any businesses that are in need of the grant, please tell them that they should apply. There was a tree survey/health study at Panfish Park. As a result there will be some trees removed. A study will occur later to decide what to plant.

Trustee Thompson adds, we need to give a big round of applause to Engineer Daubert for his work on the parking garage. Engineer Daubert thanks management for having the confidence in him to handle this project once Bill Holmer who was the lead on the project left. We are on track to deliver the project in mid-April. As of right now we are tracking \$500,000 under the contract cost.

F. OTHER BUSINESS – None

G. PUBLIC WORKS REPORT – Director Hansen reports our staff has been working really hard in these harsh weather conditions to clear the roadways. We have already used all our salt and we have had to tap into our emergency stockpile. We have just ordered an additional 250 tons of salt. They are doing a great job. Chairman Szymanski thanks the Public Works staff for all their hard work.

H. PROJECT REPORT – (See attached report) Engineer Daubert reports we are getting ready for our upcoming construction season. We are working on the following: Utility and Roadway Rehabilitation on Phillips/Vine/Ridgewood, Hill Avenue Utility Improvements, Glen Ellyn/IL American Water Interconnect, Section 106 process for Train Station. Steve Warner is working on getting maintenance projects out to bid.

Chairman Szymanski adds we are looking for another Commissioner, if anyone has any recommendations please let us know. We are continuing to review applications.

I. ADJOURNMENT – Commissioner Zuccherro motions and Commissioner Neurauter seconds to adjourn the meeting. The meeting was adjourned at 9:07 p.m.

The next meeting is scheduled for March 9, 2021

Submitted by Elisa Pollina, Recording Secretary

Reviewed by Richard Daubert, Professional Engineer



**Glen Ellyn Capital
Improvements Commission**
535 Duane Street
Glen Ellyn, IL 60137

Meeting 3/9/2021 7:00 PM
Department: Public Works
Department Head: Julius Hansen
Category: Discussion Item
Prepared By: Rich Daubert

**AGENDA ITEM (ID # 2021-
968)**

DOC ID: 2021-968

March 2021 CIC Meeting on CBD Streetscape Design Elements

Statement of the Issue:

Please see the attached memorandum and its associated attachments pertaining to this agenda item.

Analysis:

N/A

Budget Impact:

N/A

Action Requested:

N/A

Attachments:

1. March 2021 CIC CBD Streetscape Memo
2. Attachment A - March CIC Presentation
3. Attachment B - Draft Ordinance
4. Attachment C - 3304-Tree Planting Draft Plan-2-1-2021



MEMORANDUM

TO: Capital Improvements Commission

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

DATE: March 5, 2021

RE: CBD Streetscape and Utility Improvements
March 2021 CIC Meeting on CBD Streetscape Design Elements

Introduction and Background

Staff herein provides an update to the CIC on the decisions made on the CBD Streetscape and Utility Improvements Project at the February 16th Village Board workshop. Also, an update on preparation of overall cost estimate, high level schedule for Phase 1 construction, progress on the Pennsylvania Ave Improvements Project, and next steps in finalizing and formally approving the streetscape design concepts.

Summary of decisions made by the Village Board at February 16th Workshop meeting

The Village Board reviewed the Streetscape Elements most recently reviewed by the Capital Improvements Commission and made the following decisions for the design elements:

Brick Paver Pattern to be used along back of curb In “Narrow Sidewalk” areas.

The consensus by the Village Board is to implement the use of Narrow Band Option 1 (16” Band of Pavers in Running Bond Pattern)

Decorative Crosswalks

Consensus by the Village Board was to install clay brick pavers on concrete slab base with concrete collar in crosswalk locations.

Historical Plaques

The consensus by the Village Board is to implement the use of 16”x16” Historical Plaques positioned on a 45 degree angle. Members of the Board also made a note that a clear process in place in terms of how the initial plaque installations get approved and how future installations may get approved as time goes on and future historical events occur and we desire to commemorate them.

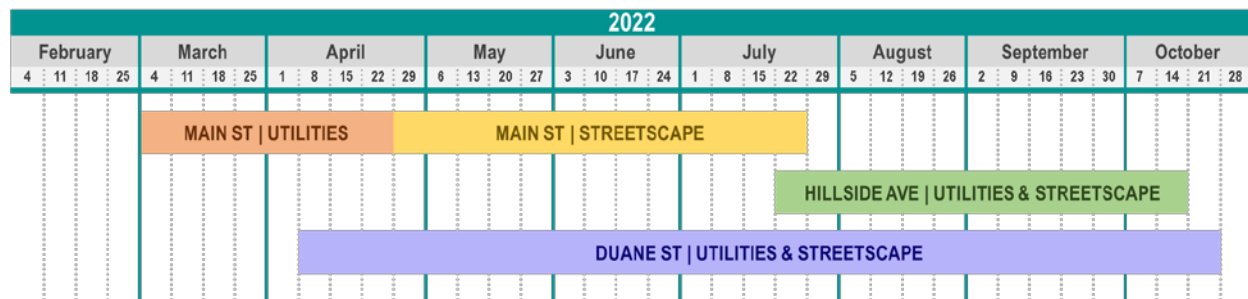
Construction Schedule

The schedule was discussed very briefly with the Village Board on February 16th and the Board did not expressed any concerns at the time with advancing the project to next year. One Trustee expressed great appreciation for the proposed schedule to avoid conflict with the Frida exhibit as well as to allow businesses to recover from the pandemic. Below is a proposed timeline to complete all of the CBD improvements and a high level overview of the schedule for the 1st Phase of the improvements. Staff intends to bring back a detailed Phase 1 discussion to the CIC and Village Board.

Figure 1 – Construction Timeline



Figure 2 - Phase 1 Draft Project Schedule



Cost Estimate

The design consultant has been asked to update the latest cost estimate for the entire project, based on the latest streetscape decisions made and other changes to the project. Previous cost estimates included a hefty 20% contingency on all construction items, meant to provide some cushion for fluctuating costs of construction and escalation of future construction costs. Keeping with the phased construction schedule, the design team was able to reduce the contingency for work anticipated in 2022 to 10% and escalate it by 3% for every year thereafter. An updated cost estimate has been prepared and staff is in the process of completing a detailed review of the estimate, including further appropriations of the costs to Capital, Water and Sanitary Sewer Funds. A draft overall cost summary and break down per construction phase is included below.

(DRAFT OVERALL COST ESTIMATE – UNDER REVIEW)

ALL PHASES SUMMARY		
CONSTRUCTION SUBTOTAL		\$20,381,000
CONTINGENCY	VAR	\$2,808,000
CONSTRUCTION ENGINEERING	11%	\$2,551,000
ALL PHASES TOTAL		\$25,740,000

(DRAFT COST ESTIMATE PER PHASE – UNDER REVIEW)

2022 PHASE 1 SUMMARY		
CONSTRUCTION SUBTOTAL		\$4,965,000
CONTINGENCY	10%	\$496,000
CONSTRUCTION ENGINEERING	11%	\$601,000
PHASE 1 TOTAL		\$6,062,000

2023 PHASE 2 SUMMARY		
CONSTRUCTION SUBTOTAL		\$8,714,000
CONTINGENCY	13%	\$1,133,000
CONSTRUCTION ENGINEERING	11%	\$1,083,000
PHASE 2 TOTAL		\$10,930,000

2024 PHASE 3 SUMMARY		
CONSTRUCTION SUBTOTAL		\$3,168,000
CONTINGENCY	16%	\$507,000
CONSTRUCTION ENGINEERING	11%	\$404,000
PHASE 3 TOTAL		\$4,080,000

2025-2027 PHASE 4 SUMMARY		
CONSTRUCTION SUBTOTAL		\$3,534,000
CONTINGENCY	19%	\$672,000
CONSTRUCTION ENGINEERING	11%	\$463,000
PHASE 4 TOTAL		\$4,669,000

Intersection of Main and Crescent

The intersection of Main and Crescent is probably the most prominent location in the downtown. This intersection is the location of the center island and the replica statue of the Glen Ellyn Horse Trough. Some interest has been expressed in the past as to magnifying the streetscape elements in this intersection. A couple of options have been reviewed and high level cost estimates have been developed:

Upgrading the entire intersection to Concrete: approximate cost to upgrade \$17,000

Upgrading the entire intersection to Brick Pavers: approximate cost to upgrade \$104,000

Staff looks to bring these options to the CIC and discuss potential inclusion in the scope of the project.

Updated 3D renderings

Civiltech is the process of developing 3D video renderings that will showcase all of design elements included in the project. A draft video will be presented to the CIC at the March 9th meeting.

Pennsylvania Avenue Improvements

Plans and bidding documents were prepared and project was released for bidding on February 25th with a scheduled bid opening for March 12th. The improvements include replacement of three 12" to 24" diameter storm sewers into one 42" storm sewer on Pennsylvania from Main St to Shock Square. Additionally, the improvements will include widening of sidewalk along the south side of Pennsylvania and being able to accommodate a planned outdoor dining deck for A Toda Madre restaurant.

Next Steps

Preparation of a draft ordinance is underway to commemorate the process and design decision made on the project. The draft ordinance is attached with CIC Input greatly appreciated. The ordinance will be finalized for presentation to the Village Board for consideration of adoption at its March 22 Regular Meeting.

Action Requested by the Capital Improvements Commission

Staff respectfully requests that the CIC review the aforementioned project elements and provide any final feedback on the preferred alternatives. Particularly, staff is looking for input on the following items:

- Review the decisions made and provide any further input on design elements
- Review and comments on the 3D rendering videos (to be presented at the meeting)
- Review and input on the presented Cost Estimate
- Review cost of potential additional improvements to the intersection of Main and Crescent and recommended treatment for the intersection
- Review and input on the draft ordinance

Attachments

Attachment A – March 2021 CIC Meeting Streetscape Presentation

Attachment B – Draft Ordinance

Attachment C – Tree Planting Draft Plan



Civiltech Engineering, Inc.
www.civiltechinc.com

Central Business District Streetscape Improvements

Village of Glen Ellyn

March 2021

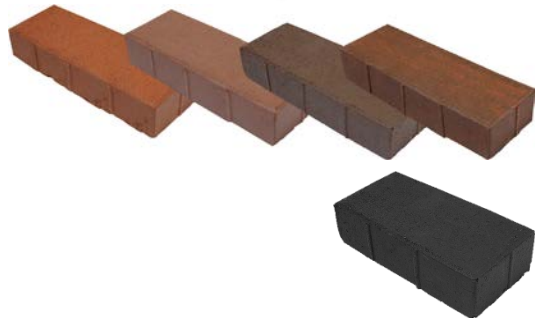
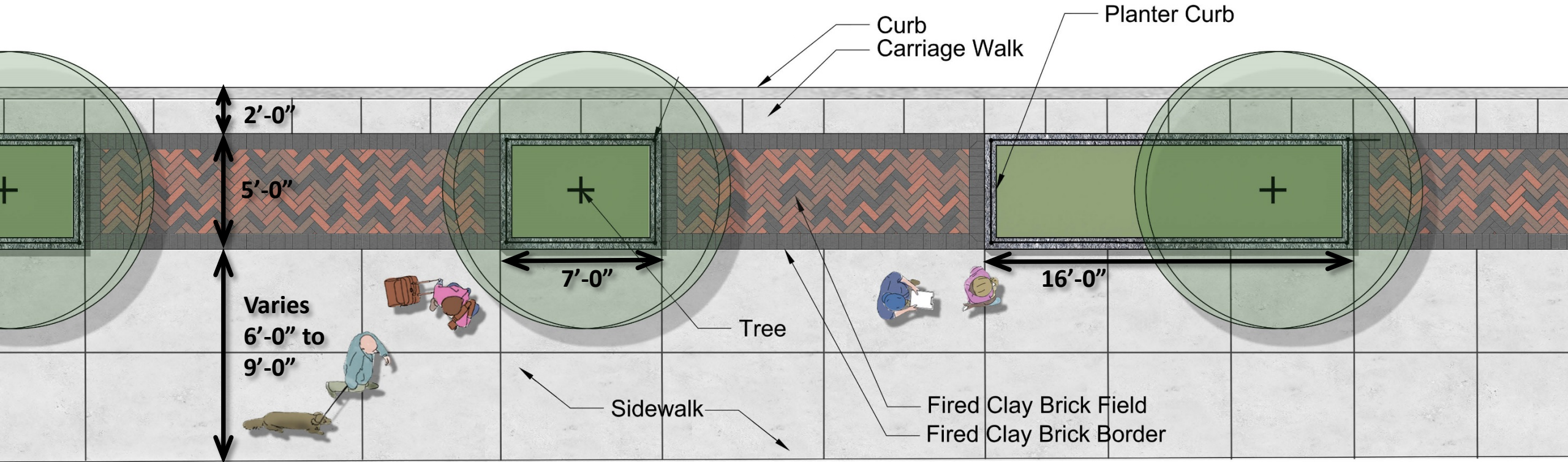


Meeting Objectives

- Approved Streetscape Elements
- Draft 3D Model
- Schedule Update
- Draft Cost Estimate and Budget
- Pennsylvania Avenue Improvements Update
- Next Steps and draft Ordinance



Selected Streetscape Layout | Plan View



4"x12" Herringbone Field: Blend of 32 Antique, 33 Dark Antique, 34 Mulberry, 36 Sunset Red and 63 Charcoal

4"x8" Soldier Course Border:
63 Charcoal



6" w. x 6" ht. Planter Curbs:
Mesabi Black Diamond 10 finish granite

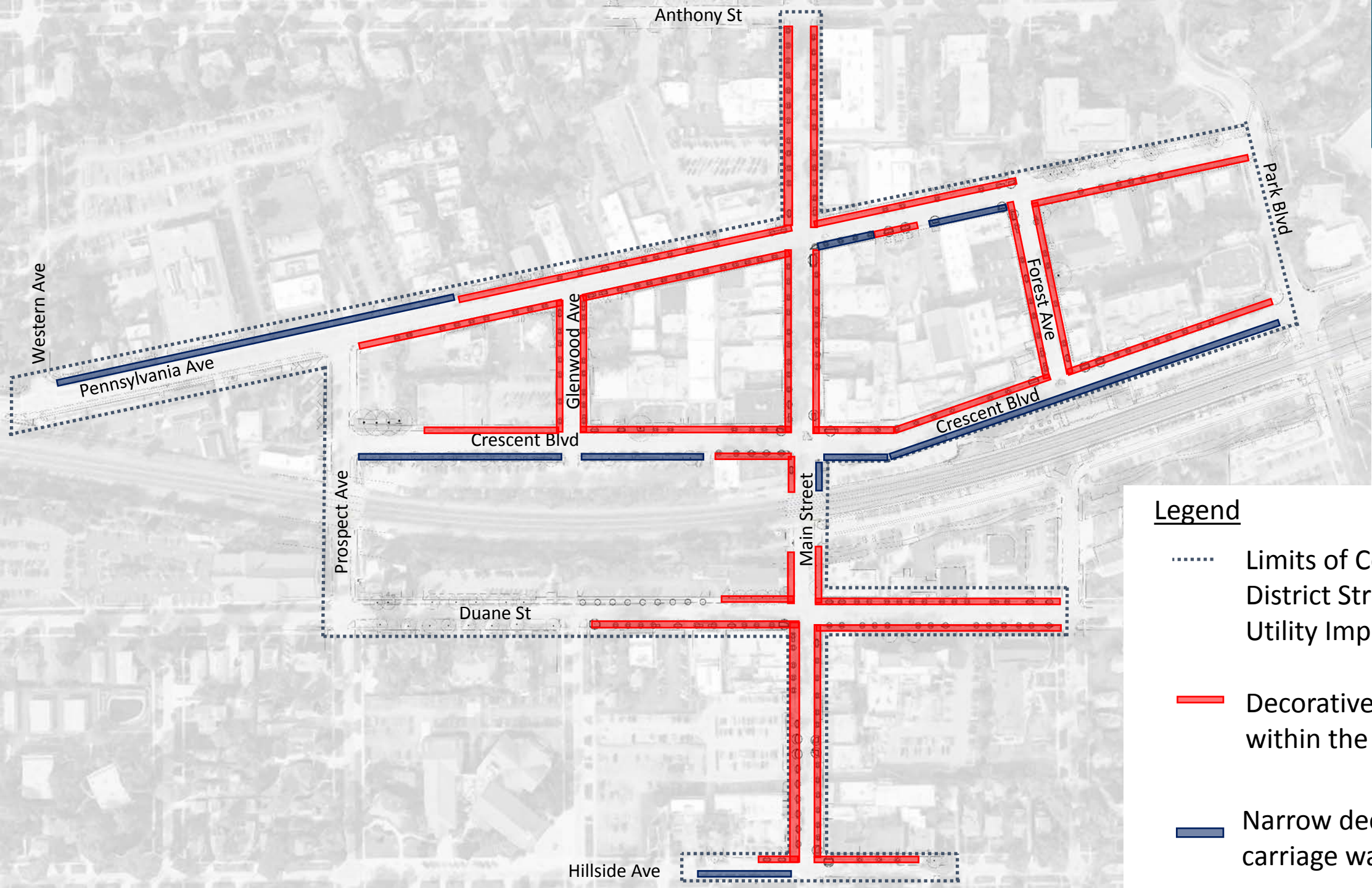
Typical Streetscape | Perspective



4"x12" Herringbone Field: Blend of 32 Antique, 33 Dark Antique, 34 Mulberry, 36 Sunset Red and 63 Charcoal

4"x8" Soldier Course Border: 63 Charcoal

6" w. x 6" ht. Planter Curbs: Granite and Precast concrete -or- All granite



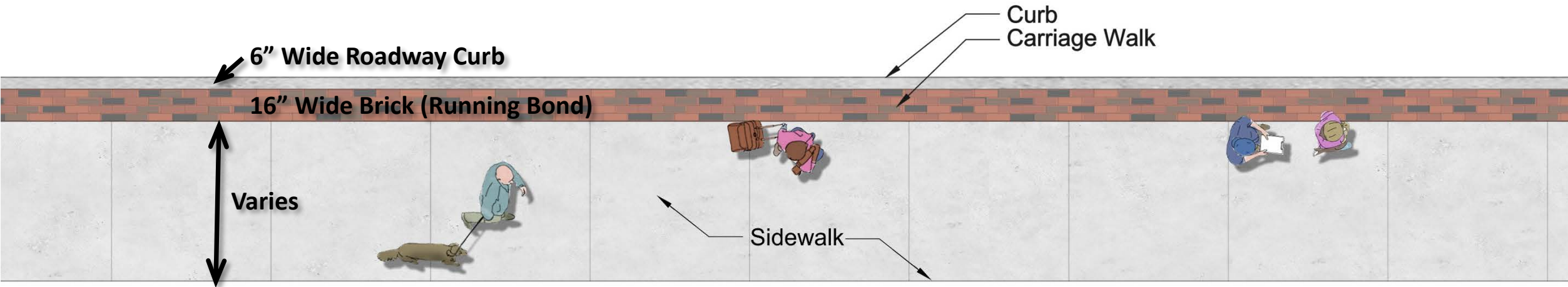
Legend

..... Limits of Central Business District Streetscape and Utility Improvements

— Decorative pavement within the furniture zone

— Narrow decorative carriage walk

Expanded Pavers into Carriage Walk | Narrow Band 1



4"x12" Running Bond: Blend of 32 Antique, 33 Dark Antique, 34 Mulberry, 36 Sunset Red and 63 Charcoal

Perspective Rendering | Main Mid-block Crossing



Perspective Rendering | Crescent and Main



Crosswalks | Decorative Material Options

Concrete

- Low cost (\$11/SF)
- Long service life
- Simple and functional
- Higher replacement cost
- Low decorative aesthetic value



Concrete

Non-decorative treatment

Stamped Asphalt

- Medium cost (\$20/SF)
- Adds color and look of brick
- Easy to replace – low cost
- Wears quickly – 5 year lifespan
- **Not Recommended**



Stamped Asphalt

MMA on Concrete

- High cost (\$34/SF)
- Methyl Methacrylate
- No - Low Maintenance
- Adds bright color and can be customized
- Non-slip surface
- More durable than thermoplastic paint – 10 to 20 year lifespan



MMA on Concrete

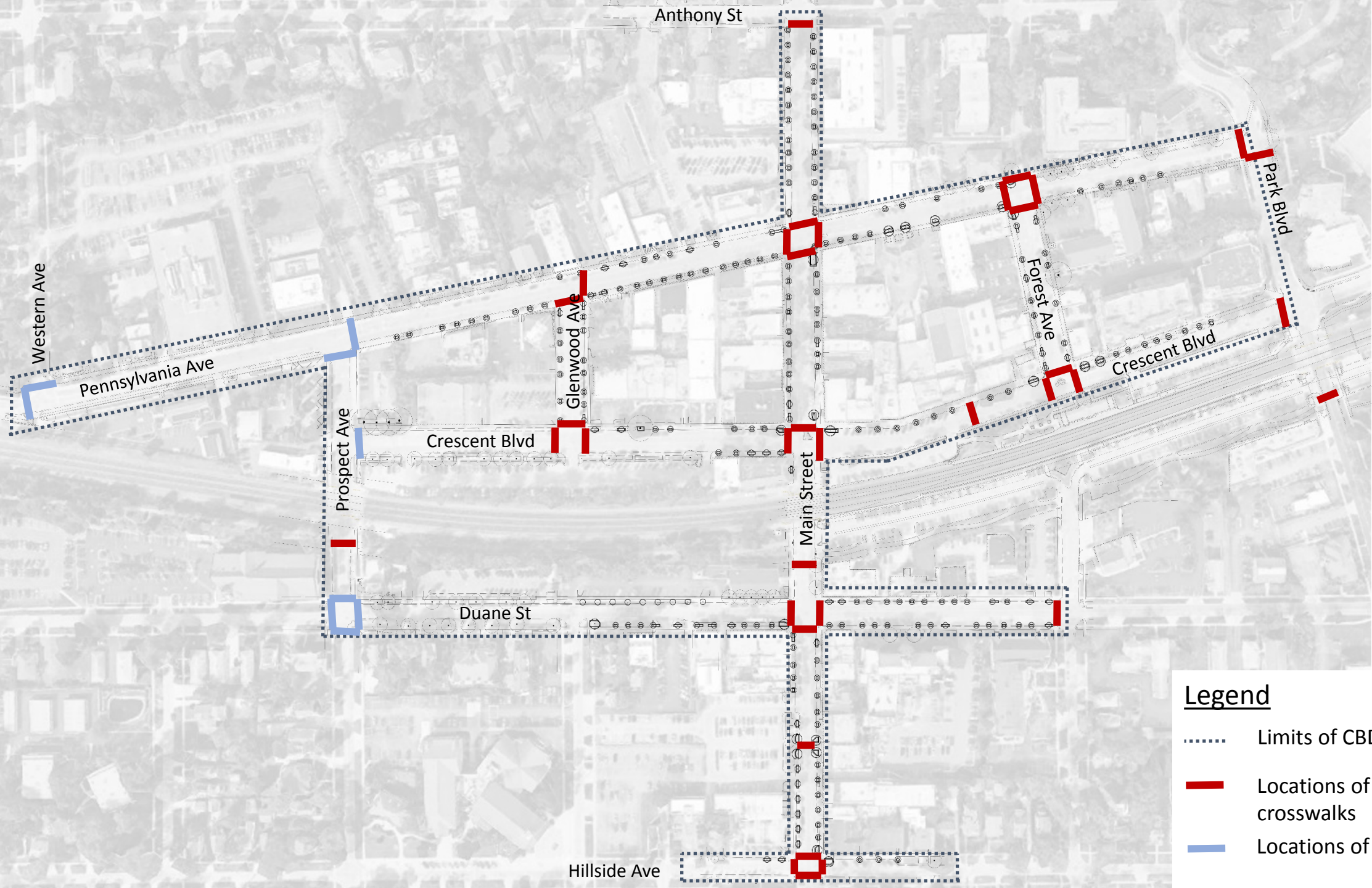
Fired Clay Brick

- Highest cost (\$43/ SF)
- High maintenance
- High decorative aesthetic value
- Historic Material
- Long wearing/durable surface material – 30+ years



Fired Clay Brick

Decorative treatment



Legend

- Limits of CBD Improvements
- Red rectangle Locations of decorative crosswalks
- Blue rectangle Locations of concrete crosswalks

Selected Planter Curb

Granite tree planter curb



Granite curbs have been used by cities for centuries. They provide a classic and elegant aesthetic.

Precast concrete tree planter curb



Precast concrete is factory built to provide consistency.

306 votes: Granite

55 votes: Precast concrete

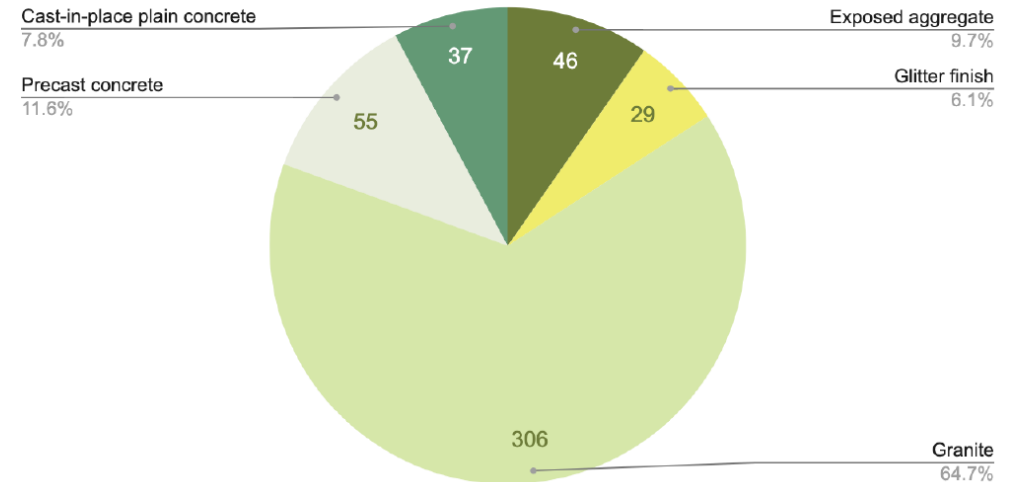
46 votes: Exposed aggregate

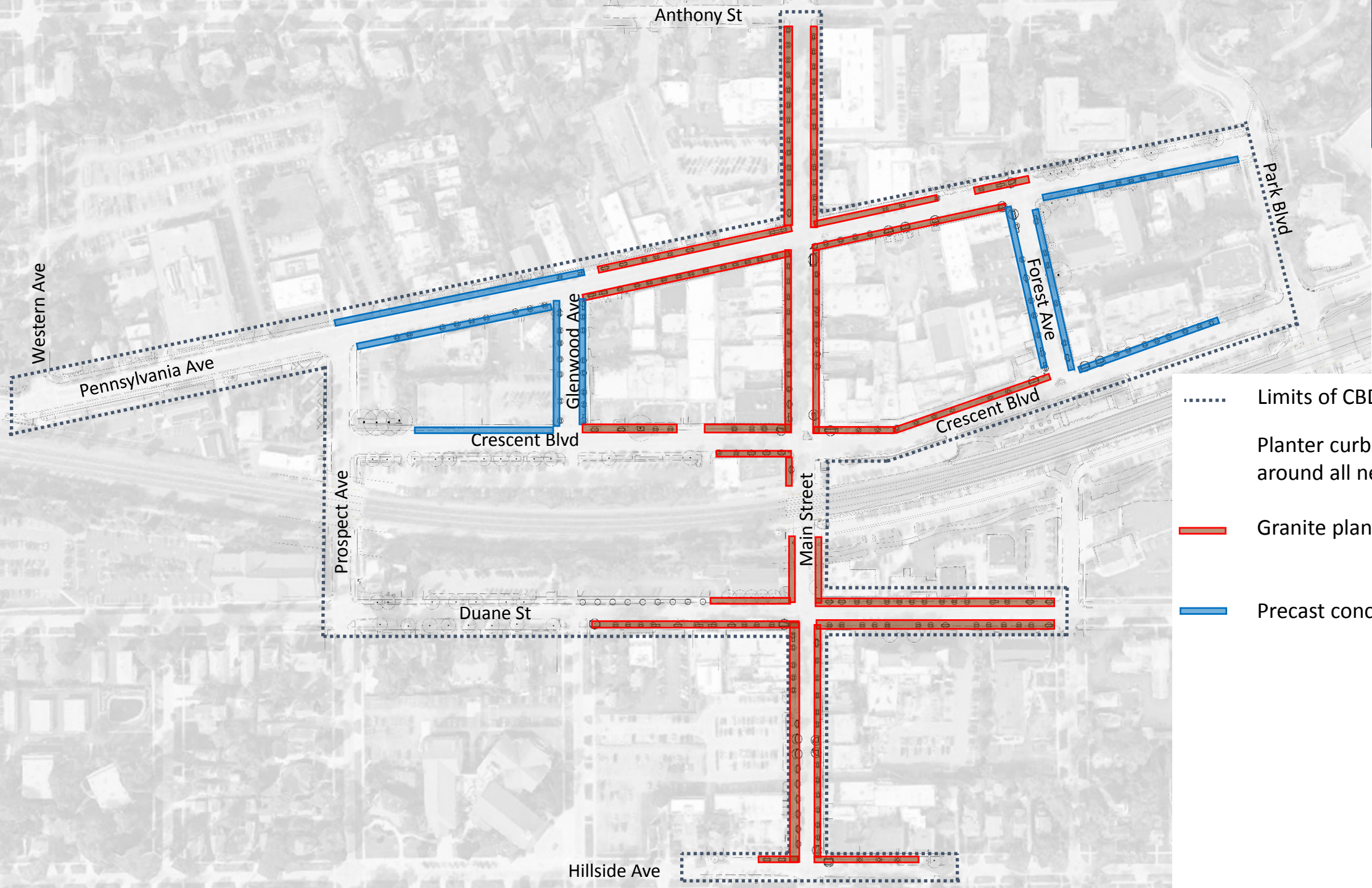
37 votes: Plain concrete

29 votes: Glitter finish

473 total votes

Preferred Tree Planter Curb





Legend

- Limits of CBD Improvements
- Planter curbs will be installed around all new trees.
- Granite planter curbs
- Precast concrete planter curbs

Historic Plaques | Option 2 (16" x 16")



16"x16" Granite Plaque:

Granite color and finish to match planter curb material (Mesabi Black, Diamond 10 finish)

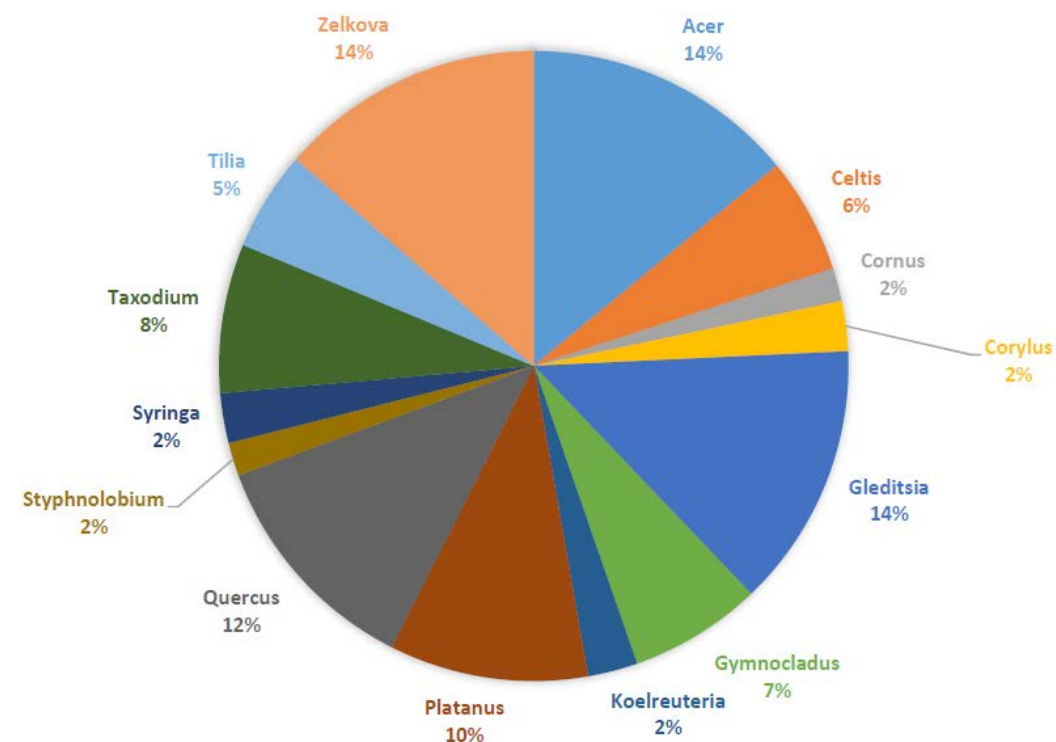
Plaques to be centered in decorative pavement field

Planter Seat Walls

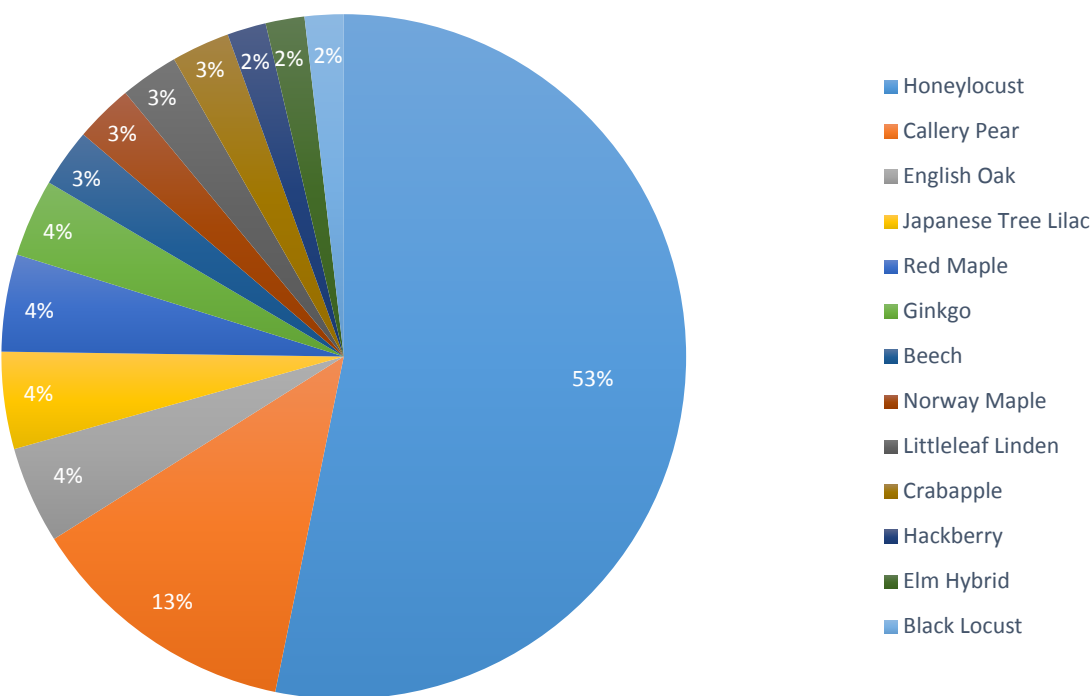


Diversification – Tree Genus Existing vs Proposed

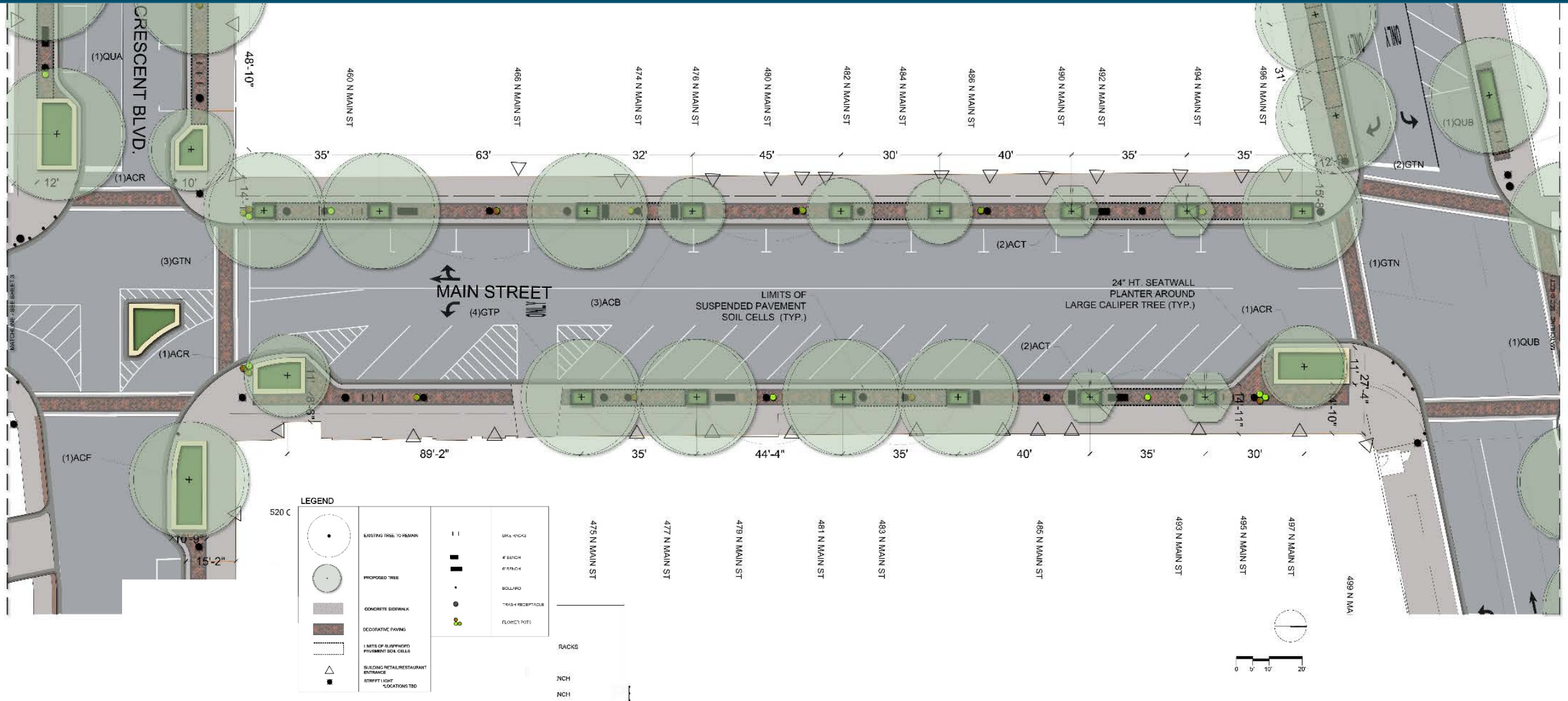
Proposed Trees



Existing Trees



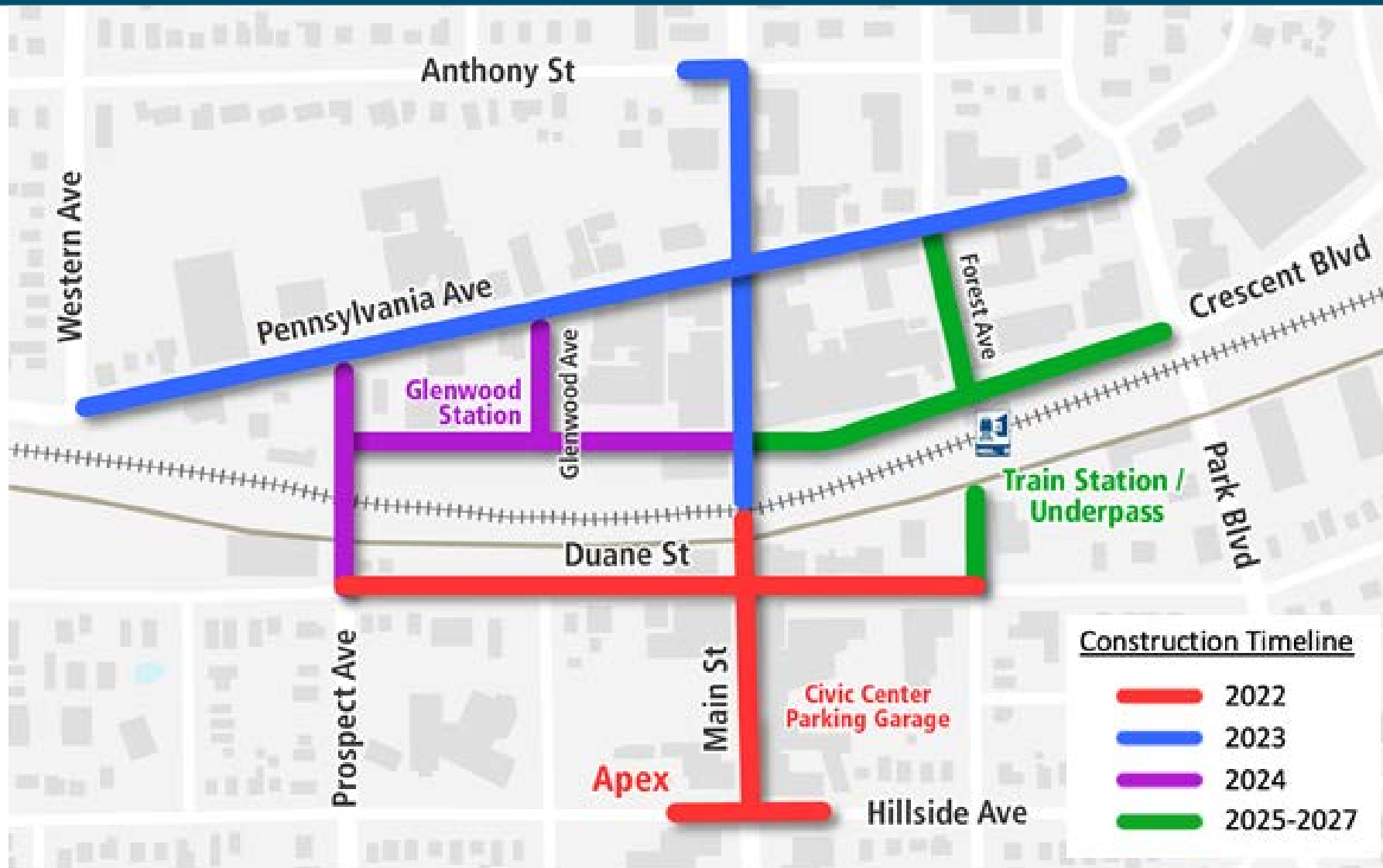
CENTRAL BUSINESS DISTRICT (CBD) STREETScape AND UTILITY IMPROVEMENTS



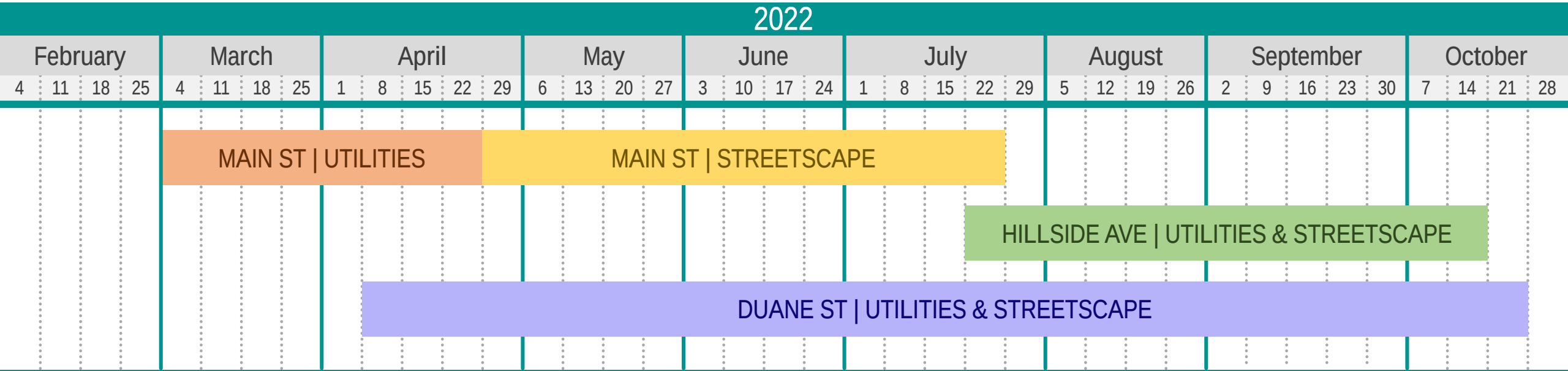
Plan updates



Phased Construction Timeline



Phase 1 Draft Construction Timeline



- Apex 400 Schedule Delays
- Main St Parking Garage Open / Access
- Frida Kahlo Exhibit This Summer

- Dry Utility Relocations
- Streetscape Design Decisions
- Streetscape Material Procurements

Cost Estimate

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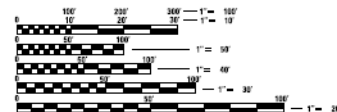
Pennsylvania Avenue Improvements Update

PLANS FOR PROPOSED PENNSYLVANIA AVENUE IMPROVEMENTS VILLAGE OF GLEN ELLYN

INDEX OF DRAWINGS

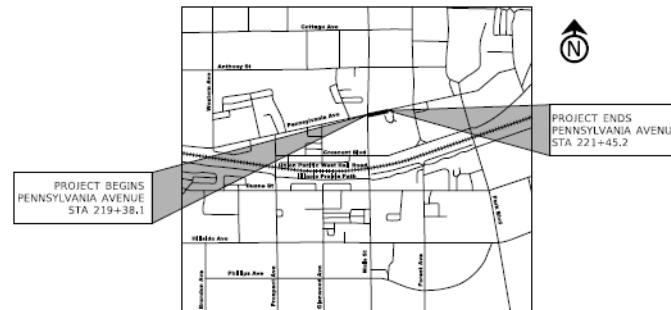
SHEET NO.	DESCRIPTION
1	COVER SHEET
2 • 3	INDEX, GENERAL NOTES, AND STANDARDS
4 • 5	SUMMARY OF QUANTITIES
6	ALIGNMENT AND BENCHMARKS
7	PLAN AND PROFILE
8 • 9	MAINTENANCE OF TRAFFIC PLAN
10 • 11	EROSION CONTROL
12 • 15	DRAINAGE AND UTILITY SHEETS (PROVIDED BY RIN)
16	SIDEWALK GRADING PLANS - PENNSYLVANIA AVENUE
17	PAVEMENT MARKING AND SIGNING PLAN
18 • 25	LIGHTING PLANS
26 • 27	STREETSCAPE PLANS
28 • 31	GLEN ELLYN STANDARD DETAILS
32 • 36	IDOT DISTRICT ONE STANDARD DETAILS
37 • 69	IDOT HIGHWAY STANDARD DETAILS
70 • 74	CROSS SECTIONS

DESIGN AND POSTED SPEED LIMIT: 30 MPH
ROADWAY CLASSIFICATION: VILLAGE LOCAL ROADS



FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES, REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES, IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

NOTE:
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION
1-800-892-0123
OR 811



LOCATION MAP
NOT TO SCALE

PROJECT LENGTH:
PENNSYLVANIA AVENUE (STA 219+38.1 TO STA 221+45.2)

PROJECT TOTAL - 207.1 FT (0.339 MI)

FAA RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
XXXX	XX-XXXX-XX-XX	DUPAGE	74	1
FED. ROAD DIST. NO. 1 (ILLINOIS) (FED. AID PROJECT)				



LOCATION OF SECTION INDICATED THIS: —

APPLIES TO SHEETS 1 - 11, 16 - 17, 28 - 24



APPLIES TO SHEETS 18 - 24



APPLIES TO SHEETS 13 - 15



PLANS PREPARED BY:



Two Morris Place, Suite 1400 - Evanston, Illinois 60143
Tel: 847.773.3920 • Fax: 847.773.3970
www.civiltech.com

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Next Steps

- Commemorate project decisions in a Village Board approved ordinance
- Present to Village Board at March 22 Village Board Meeting
- Follow up meeting in April, if necessary

Discussion



(DRAFT)

Village of Glen Ellyn

Ordinance No. _____

**An Ordinance Adopting the Central Business District Streetscape Design Concept and
Streetscape Elements Plan for the Village of Glen Ellyn, Illinois**

**Adopted by the
President and the Board of Trustees
of the Village of Glen Ellyn
DuPage County, Illinois**

This _____ Day of _____, 2021

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 _____, 2021

Ordinance No. _____

An Ordinance Adopting the Central Business District Streetscape Design Concept and Streetscape Elements Plan for the Village of Glen Ellyn, Illinois

Whereas, the on April 10, 2013 the Village President and Board of Trustees adopted Ordinance 6136 an Ordinance Adopting a Downtown Streetscape Plan and Parking Study for the Village of Glen Ellyn, Illinois hereinafter referred to as the *Glen Ellyn Downtown Streetscape Plan and Parking Plan Study* ; and

Whereas, the approval was predicted upon the fact that the Village of *Glen Ellyn Downtown Streetscape Plan and Parking Plan Study* was a conceptual plan that provided general framework for future downtown Glen Ellyn streetscape and could result in changes as a result of further detailed studies, unforeseen opportunities, market conditions, funding constraints and options of elected officials; and

Whereas, on September 24, 2018, the Village Board approved an agreement with Civiltech Engineering for professional engineering design services to reference the *Glen Ellyn Downtown Streetscape Plan and Parking Plan Study* and develop preliminary streetscape and utility improvements plans in concert with a strong public engagement plan; and

Whereas, a Steering Committee was created to work with staff and the Civiltech Engineering Consulting Team to ensure the development of the preliminary streetscape plans was reflective of the community's values and priorities; and

Whereas, the Steering Committee met four times between November 2018 and May 2019, at which meetings the Committee reviewed and commented on the preliminary streetscape plan design elements and public engagement including a public design workshop held on January 26, 2019; and

Whereas, on September 23, 2019, the Village Board approved an agreement for professional services with Civiltech Engineering for the development of final plans for the CBD Streetscape and Utility Improvement project; and

Whereas, the Capital Improvements Commission was made to house the project and review all of the design decisions and provide recommendations to the Village Board; and

Whereas, a variety of opportunities for public input were provided throughout the process, including but not limited to, design workshops, Steering Committee meetings, Capital Improvements Commission meetings, Environmental Commission meetings, Historic Preservation meetings, Alliance of Downtown meetings, Rotary Club of Glen Ellyn meetings, Village Board meetings, project website, direct communication, and individual meetings with downtown businesses; and

Whereas, a test streetscape site was constructed in October 2020 to facilitate the display of streetscape paving material options with a public preference survey therein established, yielding over 470 responses on material preferences and input from the general public including primarily residents and business owners; and

Whereas, the Village Board provided direction on the proposed roadway and parking geometry approximately including the addition of approximately twenty-one (21) on-street ADA accessible parking spaces with the general on-street parking configuration as summarized in the following tables and depicted in draft form in attached Exhibit A Tree Planting Draft Plan.

Street	Limit	Limit	On-Street Parking Configuration for North/South Streets	
			West side	East side
Main Street	Hillside Avenue	Duane Street	no parking along Apex 400 parallel parking north of Apex 400	parallel
Main Street	Duane Street	Crescent Boulevard	no parking	no parking
Main Street	Crescent Boulevard	Pennsylvania Ave	parallel	angle (45 degree)
Main Street	Pennsylvania Ave	Anthony Street	parallel	parallel
Glenwood Avenue	Crescent Boulevard	Pennsylvania Avenue	parallel	parallel
Forest Avenue	Crescent Boulevard	Pennsylvania Avenue	parallel	parallel
Prospect Avenue	Duane Street	Pennsylvania Avenue	no parking	no parking
Prospect Avenue	Crescent Boulevard	Pennsylvania Avenue	no parking	no parking

Street	Limit	Limit	On-Street Parking Configuration East/West Streets	
			North side	South side
Hillside Avenue	Glenwood Avenue	Main Street	no parking	parallel
Hillside Avenue	Main Street	200' east of Main St	angle (45 degree)	parallel loading zone only
Duane Street	Prospect Avenue	Glenwood Avenue	parallel	parallel Glenwood to approx. 110' west
Duane Street	Glenwood Avenue	Main Street	parallel	parallel
Duane Street	Main Street	Forest Avenue	parallel	parallel
Crescent Boulevard	Prospect Avenue	Glenwood Avenue	parallel	parallel
Crescent Boulevard	Glenwood Avenue	Main Street	parallel	parallel
Crescent Boulevard	Main Street	Forest Avenue	parallel	parallel
Crescent Boulevard	Forest Avenue	Park Boulevard	parallel	parallel
Pennsylvania Avenue	Western Avenue	Prospect Avenue	no parking	no parking
Pennsylvania Avenue	Prospect Avenue	Glenwood Avenue	parallel	parallel
Pennsylvania Avenue	Glenwood Avenue	Main Street	parallel	parallel
Pennsylvania Avenue	Main Street	Forest Avenue	parallel	parallel
Pennsylvania Avenue	Forest Avenue	Park Boulevard	parallel	parallel
Anthony Street	200 west of Main St	Main Street	no parking	angle

Whereas, following through review of Capital Improvements Commission recommendations, the Village Board approved the following items to be part of the Central Business District Streetscape Design Concept and Streetscape Elements Plan to be adhered to for the forthcoming Central Business District Streetscape and Utility Improvement Project with the Streetscape Design Elements described as follows:

Streetscape Element: Trees

- Remove existing trees and replace with approx. 235 new trees spaced 35ft on center
- Install curbed tree planters around nearly all trees throughout the CBD, using 5ft x7ft and 5ft x15ft sized planters
 - Granite Curbing to be used in core of CBD bound by Anthony to the North, Hillside to the South, Glenwood to the West, and Forest to the East.
 - Precast Concrete Curbing to be specified as a base bid for areas outside of the aforementioned core of the CBD with Granite Curbing as an “Add Alternate”. Should favorable bids be received, Granite Curbing may be used throughout the CBD at the discretion of the Village Board.
- Include soil cells for trees throughout the CBD (where trees are planted in 5ft x7ft planters)

- Include paver grates at select locations to suspend pavement over trees and expand the usable sidewalk area
- Install raised seat-wall planters at prominent locations with the following general specifications:
 - Seat wall heights to be 24” tall
 - Fire clay brick façade in red/blend color to compliment paving
 - 4” limestone cap with joints
 - Landscape area will include shade trees and understory landscaping (shrubs, perennials, grasses)
- Specify large caliper shade trees for prominent locations, where space allows
- Install irrigation system for all new trees and landscape areas.

Streetscape Elements: Sidewalk and Crosswalk Paving Materials

- Install standard plain concrete sidewalks for pedestrian walking areas including sidewalk ramp areas at corners
- Install fire clay brick pavers on a concrete slab base in a 5-foot wide furniture zone between tree planters with the following general specifications:
 - 4”x12” fire clay pavers in herringbone pattern with “north shore blend” colors
 - 4”x8” fire clay pavers in soldier course border with “charcoal” color
- Install standard plain concrete for carriage walk between the decorative furniture zones and back of curbs
- Install brick pavers on a concrete slab base for carriage walk in areas where there is no decorative furniture zone (referred to as “narrow band”) with the following general specifications”
 - 16” wide band

- 4"x12" fire clay pavers running bond pattern with "north shore blend" colors
- Install fire clay brick pavers on a concrete slab base with concrete header bands in crosswalk locations with the following general specification:
 - 4"x8" fire clay pavers in herringbone pattern with "north shore blend" colors
 - 4"x8" fire clay pavers in soldier course border with "charcoal" color
- Install raised crosswalks with concrete approach ramps at two mid-block crossing locations (Main St between Hillside and Duane, and Crescent between Main and Forest) subject to Public Works final review of the proposed roadway geometry
- Incorporate 16"x16" granite engraved plaques in diamond configuration within decorative furniture zone pavers at locations to be determined by Historic Society and approved by the Village Board
- Incorporate 16"x16" granite engraved plaques in square configuration within narrow band decorative pavers at locations to be determined by Historic Society and approved by the Village Board

Streetscape Elements: Street Furniture and Appurtenances

- Specify new street furniture throughout the CBD including:
 - Bollards: Reliance Foundary R07539 to be used at prominent corners and mid-block crosswalks. Color to be black.
 - Trash receptacle: Canterbury Model 102 or DuMor Model 148-232SH. Color to be black.
 - Bike Rack: DuMor Model 293 or DuMor Model 290: Color to be black.
 - Bench: Victor Stanley CR-10 in both 4ft (perpendicular) and 6ft (parallel) lengths. Color to be black.

Whereas, at the Village Board Workshops held on February 16th, 2021; January 16th, 2021;

October 19th, 2020; on March 4, 2019, the Village Board reviewed these items and the President and Village Trustees determined the Central Business District Streetscape Design Concept and Streetscape Elements Plan is consistent with goals of the Village to improve downtown infrastructure including pedestrian accessibility and parking improvements to encourage more pedestrian activity, outdoor dining, and enhance special event space in the CBD to spur future private investment and improve quality of life; and

Whereas, the final design designs made by the Village Board shall now be used to finalize the Engineering, Plans, Specifications, and Estimates for the Village of Glen Ellyn Central Business District Streetscape Project as to advance the first phase of the project for construction in February of 2022.

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 President and Board of Trustees hereby adopts the “Central Business District Streetscape Design Concept and Streetscape Elements Plan” inclusive of the design elements as described herein this Ordinance.

Section Two: This approval is predicated upon future construction contracts approvals.

Section Three: This Ordinance shall be published in pamphlet form within thirty (30) days after its passage and approval, in the manner provided by law, and shall be in full force and effect ten (10) days after completion of such publication.

Passed by the President and Board of Trustees of the Village of Glen Ellyn, Illinois, this _____ day of _____, 20 ____.

Ayes:

Nays:

Absent:

Approved by the Village President of the Village of Glen Ellyn, Illinois, this _____ day
of _____, 20_____.

Village President of the Village
of Glen Ellyn, Illinois

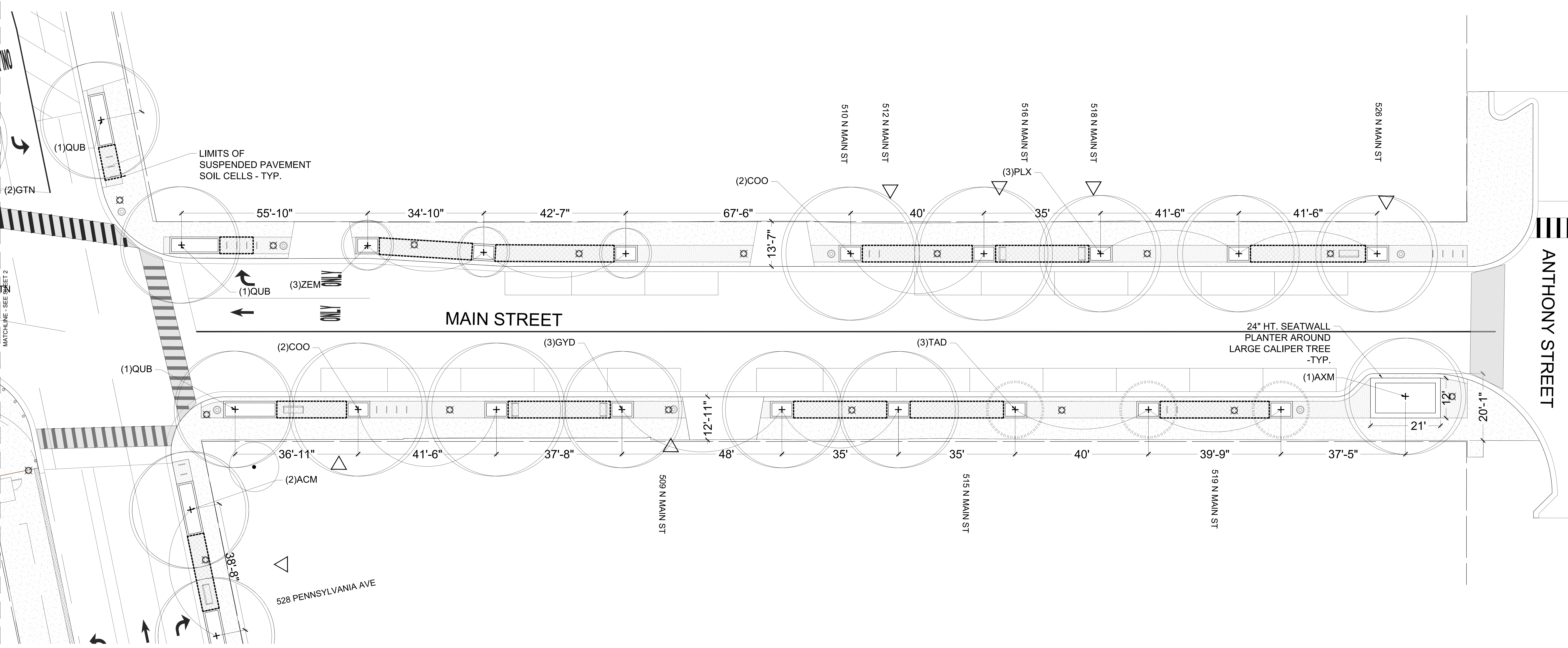
Attest:

Village Clerk of the Village of
Glen Ellyn, Illinois

(Published in pamphlet form and posted on the _____ day of _____.)

Tree Inventory						
Quantity	Code	Latin Name	Common Name	Size	Width	Comments
7	ACB	Acer buergerianum	Trident Maple	Medium	15-25	
6	ACF	Acer x freemanii 'Marmo'	Marmo Maple *	Medium	35-45	
8	ACM	Acer miyabai 'Morton' STATE STREET	State Street Maple	Medium	20-50	
3	ACR	Acer rubrum 'Armstrong'	Armstrong Maple *	Medium	25	
4	ACT	Acer tataricum 'Hot Wings'	Hot Wings Maple	Small	15-18	
4	ACU	Acer truncatum	Purpleblow Maple	Small	15-25	
14	COC	Celtis occidentalis 'Chicagoland'	Chicagoland Hackberry	Large	40	
4	COM	Cornus mas	Cornelian Cherry Dogwood	Small	12-20'	
6	COO	Corylus colurna	Turkish Filbert	Medium	30-50	
8	GTN	Gleditsia triacanthos 'Northern Acclaim'	Northern Acclaim Honeylocust	Large	30-35	
8	GTP	Gleditsia triacanthos 'Perfection'	Perfection Honeylocust	Large	35	
8	GTS	Gleditsia triacanthos 'Skyline'	Skyline Honeylocust	Large	30-40	
8	GTU	Gleditsia triacanthos 'Sunburst'	Sunburst Honeylocust	Large	30-70	
16	GYD	Gymnocladus dioica 'Espresso'	Espresso Kentucky Coffeetree	Large	35	
6	KOP	Koeleruteria paniculata	Golden Raintree	Medium	30-40	
24	PLX	Platanus x acerifolia 'Exclamation'	Exclamation London Planetree	Large	60-75	
4	QUA	Quercus alba	White Oak *	Large	60-80	
20	QUB	Quercus bicolor	Swamp White Oak*	Large	50-60	
4	QUC	Quercus x alba x robur 'Crimschmidt'	Crimson Spire Oaks *	Large	10-20'	
4	STJ	Styphnolobium japonicum	Japanese Pagodatree	Large	30-60	
6	SYR	Syringa reticulata	Japanese Tree Lilac	Small	15-20	
15	TAD	Taxodium distichum 'Mickelson' SHAWNEE BRAVE	Shawnee Brave Baldcypress	Medium	15-20	
12	TIA	Tilia americana	American Linden	Large	30-40	
16	ZEM	Zelkova serrata 'Musashino'	Musashino Columnar Zelkova	Large	10-15'	
14	ZEV	Zelkova serrata 'Village Green'	Village Green Zelkova	Large	30-50	

* in plans denotes large caliper trees

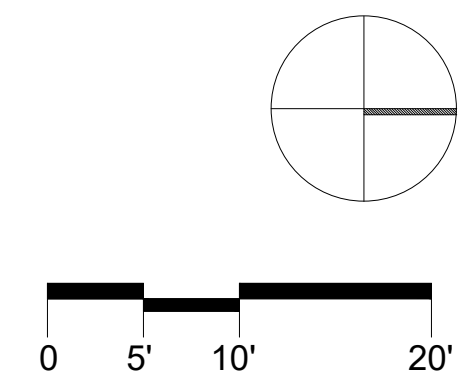


LEGEND

	EXISTING TREE TO REMAIN		BIKE RACKS
	PROPOSED TREE		4' BENCH 6' BENCH
	CONCRETE SIDEWALK		BOLLARD
	DECORATIVE PAVING		TRASH RECEPTACLE
	LIMITS OF SUSPENDED PAVEMENT SOIL CELLS		FLOWER POTS
	BUILDING RETAIL/RESTAURANT ENTRANCE		
	STREET LIGHT *LOCATIONS TBD		

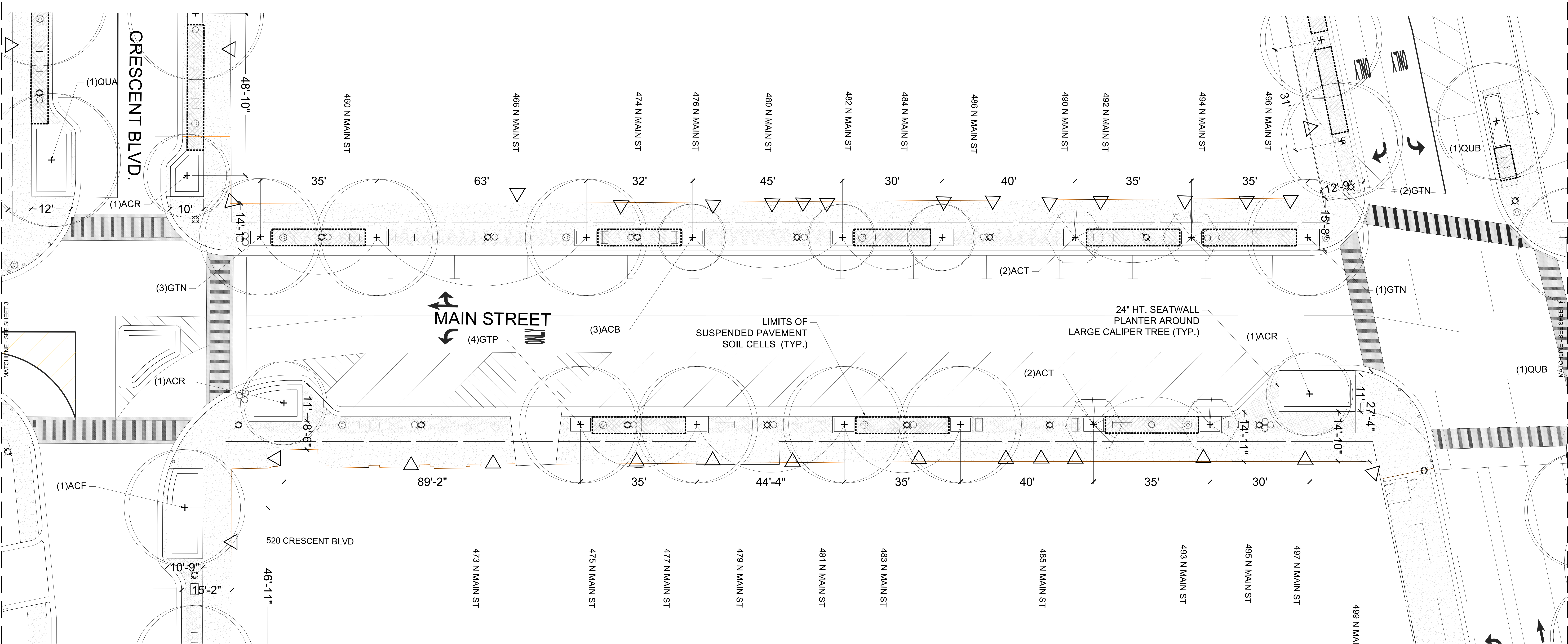
MAIN STREET
ANTHONY TO PENNSYLVANIA

GLEN ELLYN CBD STREETScape
DRAFT TREE PLANTING PLAN



Jan 29, 2021
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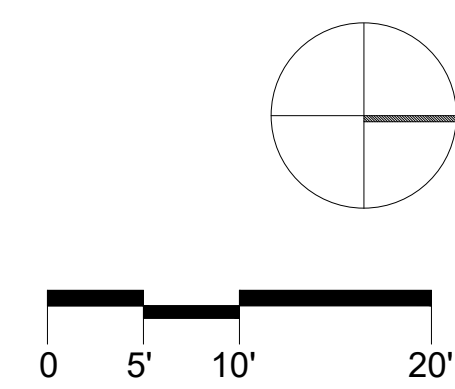


LEGEND

	EXISTING TREE TO REMAIN		BIKE RACKS
	PROPOSED TREE		4' BENCH
	CONCRETE SIDEWALK		6' BENCH
	DECORATIVE PAVING		BOLLARD
	LIMITS OF SUSPENDED PAVEMENT SOIL CELLS		TRASH RECEPTACLE
	BUILDING RETAIL/RESTAURANT ENTRANCE		FLOWER POTS
	STREET LIGHT *LOCATIONS TBD		

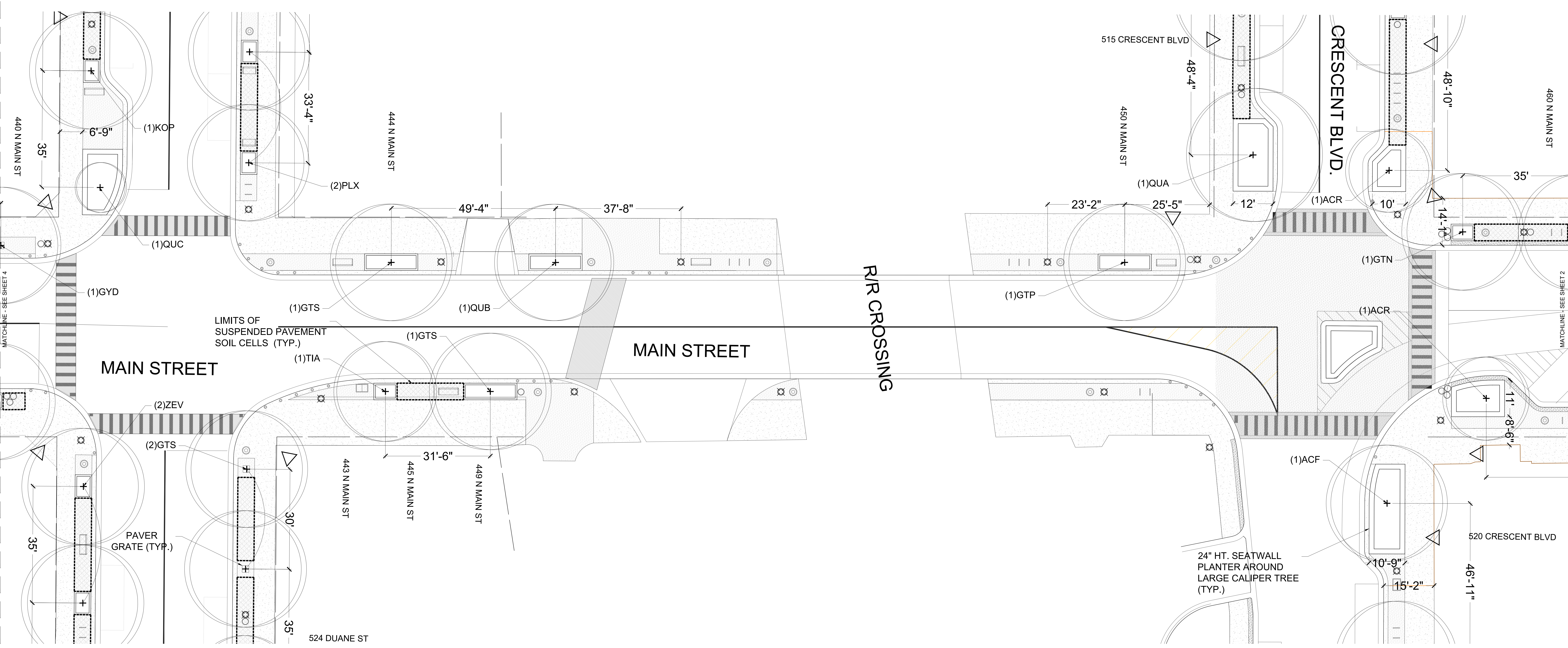
MAIN STREET
PENNSYLVANIA TO CRESCENT

GLEN ELLYN CBD STREETSCAPE
DRAFT TREE PLANTING PLAN



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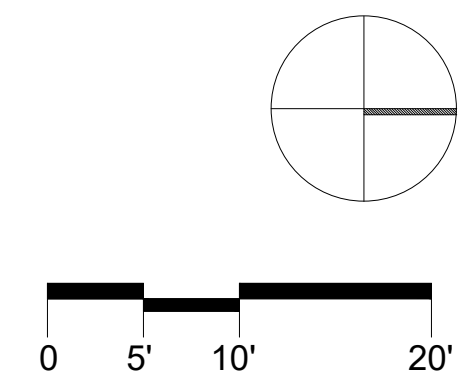


LEGEND

	EXISTING TREE TO REMAIN		BIKE RACKS
	PROPOSED TREE		4' BENCH
			6' BENCH
	CONCRETE SIDEWALK		BOLLARD
	DECORATIVE PAVING		TRASH RECEPTACLE
	LIMITS OF SUSPENDED PAVEMENT SOIL CELLS		FLOWER POTS
	BUILDING RETAIL/RESTAURANT ENTRANCE		
	STREET LIGHT *LOCATIONS TBD		

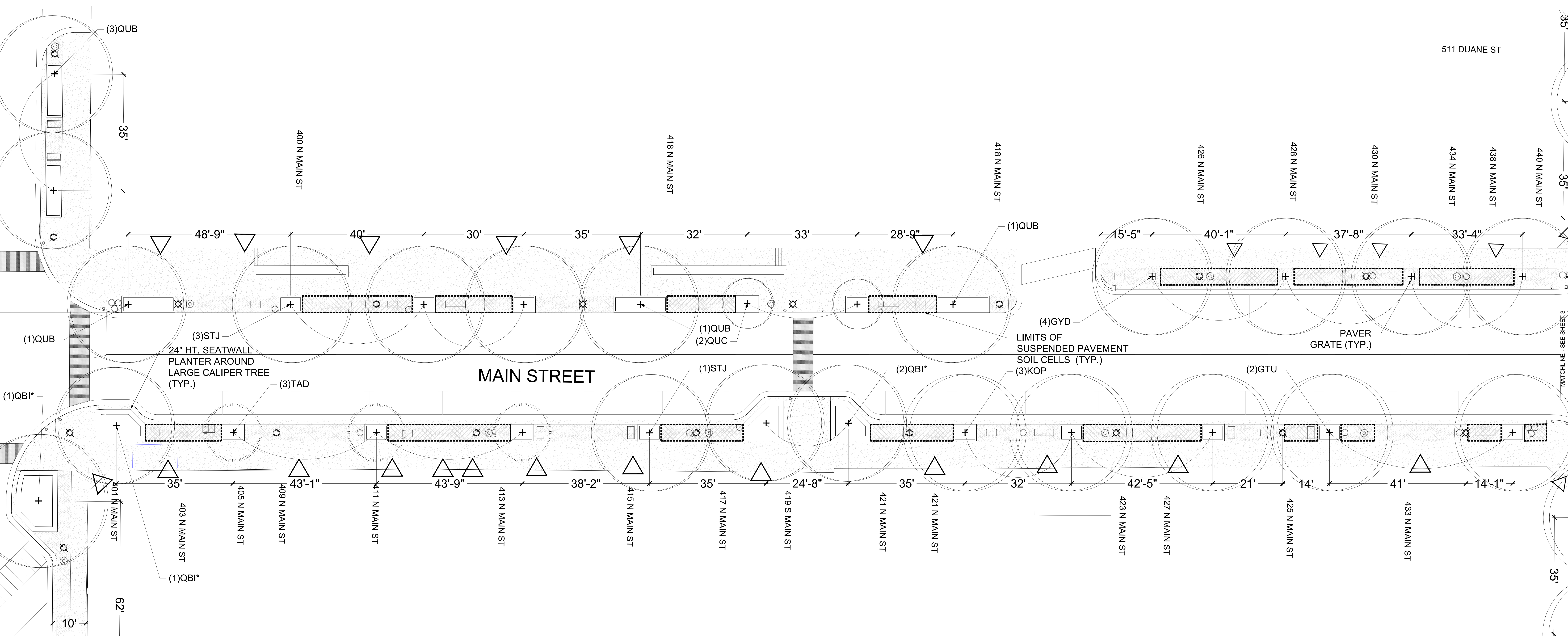
MAIN STREET
CRESCENT TO DUANE

GLEN ELLYN CBD STREETScape
DRAFT TREE PLANTING PLAN



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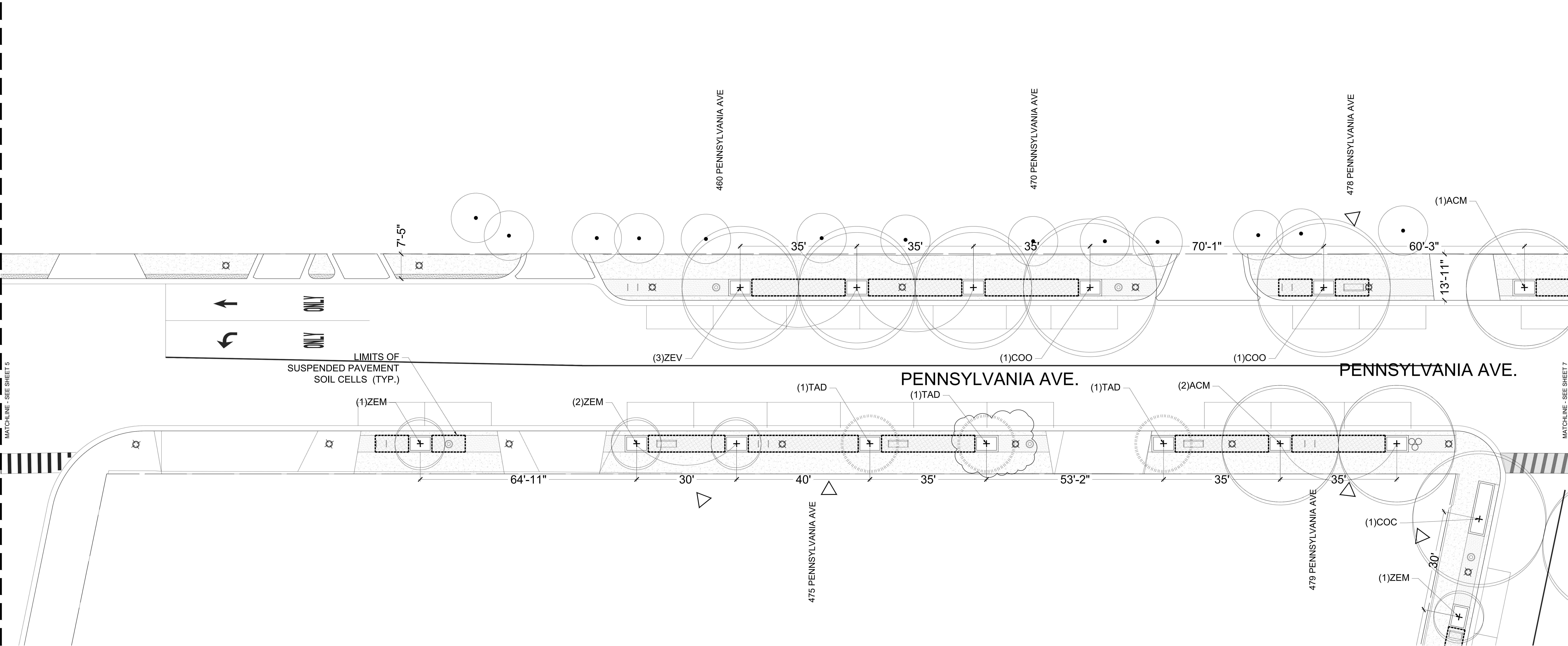


LEGEND

	EXISTING TREE TO REMAIN		BIKE RACKS
	PROPOSED TREE		4' BENCH
	CONCRETE SIDEWALK		6' BENCH
	DECORATIVE PAVING		BOLLARD
	LIMITS OF SUSPENDED PAVEMENT SOIL CELLS		TRASH RECEPTACLE
	BUILDING RETAIL/RESTAURANT ENTRANCE		FLOWER POTS
	STREET LIGHT *LOCATIONS TBD		

MAIN STREET
DUANE TO HILLSIDE

GLEN ELLYN CBD STREETScape
DRAFT TREE PLANTING PLAN

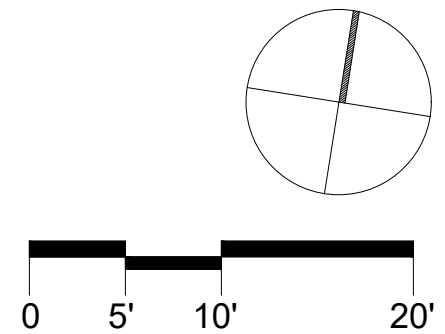


LEGEND

	EXISTING TREE TO REMAIN		BIKE RACKS
	PROPOSED TREE		4' BENCH
	CONCRETE SIDEWALK		6' BENCH
	DECORATIVE PAVING		BOLLARD
	LIMITS OF SUSPENDED PAVEMENT SOIL CELLS		TRASH RECEPTACLE
	BUILDING RETAIL/RESTAURANT ENTRANCE		FLOWER POTS
	STREET LIGHT *LOCATIONS TBD		

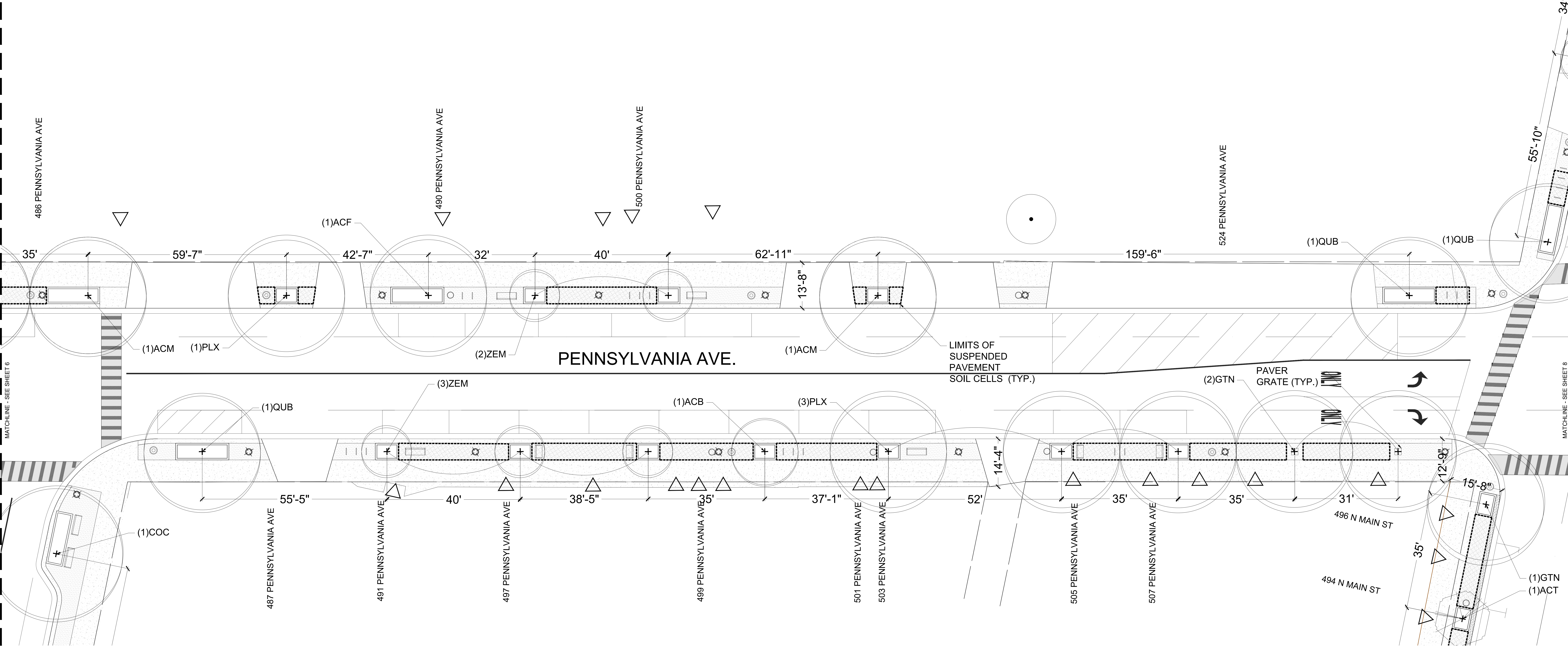
PENNSYLVANIA AVE
PROSPECT TO GLENWOOD

GLEN ELLYN CBD STREETScape
DRAFT TREE PLANTING PLAN



Nov 30, 2021
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MATCHLINE - SEE SHEET 6

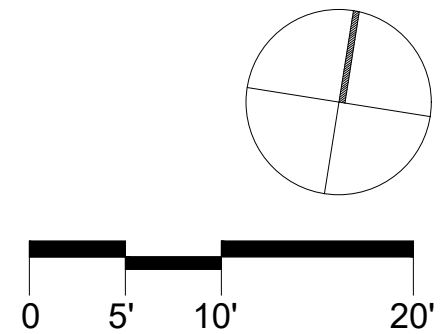
MATCHLINE - SEE SHEET 8

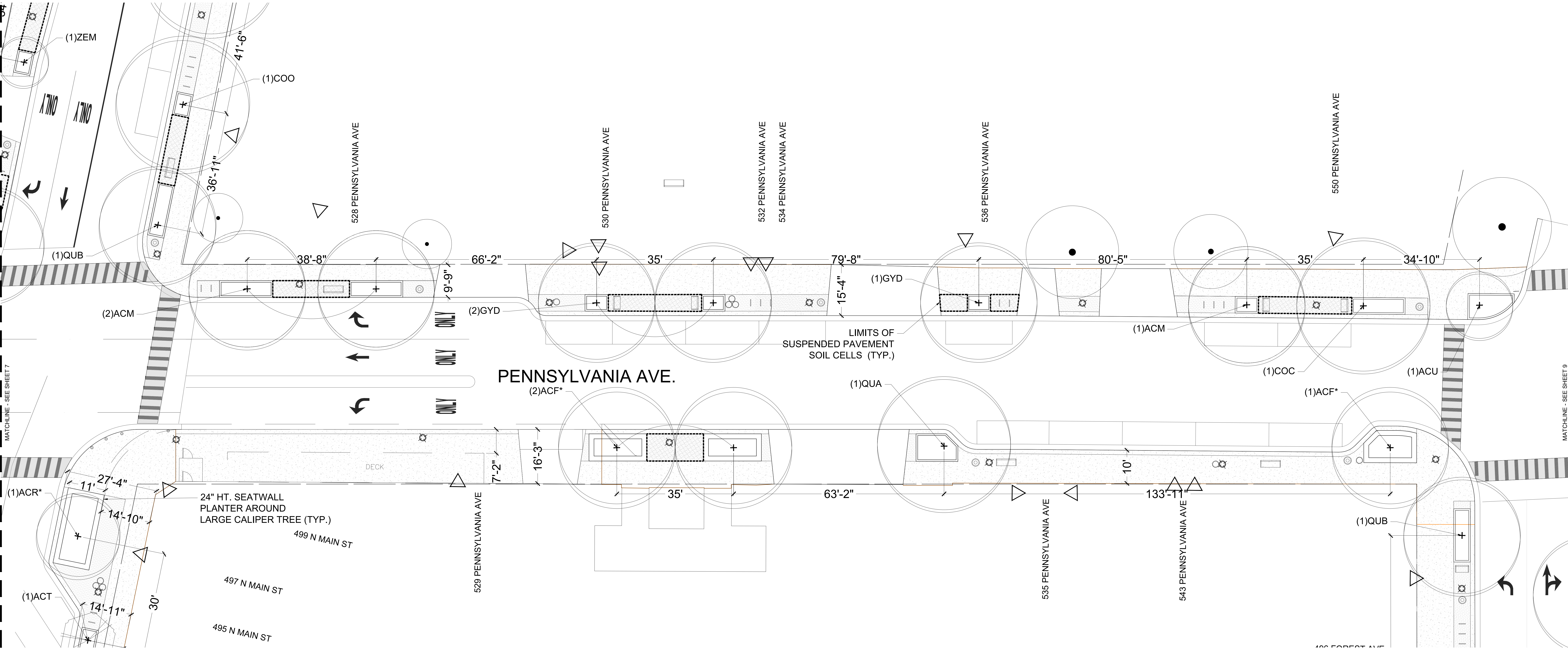
LEGEND

	EXISTING TREE TO REMAIN		BIKE RACKS
	PROPOSED TREE		4' BENCH
	CONCRETE SIDEWALK		6' BENCH
	DECORATIVE PAVING		BOLLARD
	LIMITS OF SUSPENDED PAVEMENT SOIL CELLS		TRASH RECEPTACLE
	BUILDING RETAIL/RESTAURANT ENTRANCE		FLOWER POTS
	STREET LIGHT *LOCATIONS TBD		

PENNSYLVANIA AVE
GLENWOOD TO MAIN

GLEN ELLYN CBD STREETScape
DRAFT TREE PLANTING PLAN



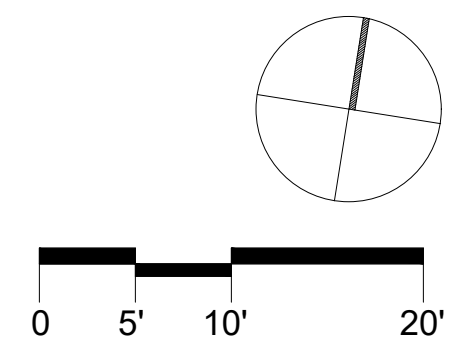


LEGEND

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	PROPOSED TREE		4' BENCH
	CONCRETE SIDEWALK		6' BENCH
	DECORATIVE PAVING		BOLLARD
	LIMITS OF SUSPENDED PAVEMENT SOIL CELLS		TRASH RECEPTACLE
	BUILDING RETAIL/RESTAURANT ENTRANCE		FLOWER POTS
	STREET LIGHT *LOCATIONS TBD		

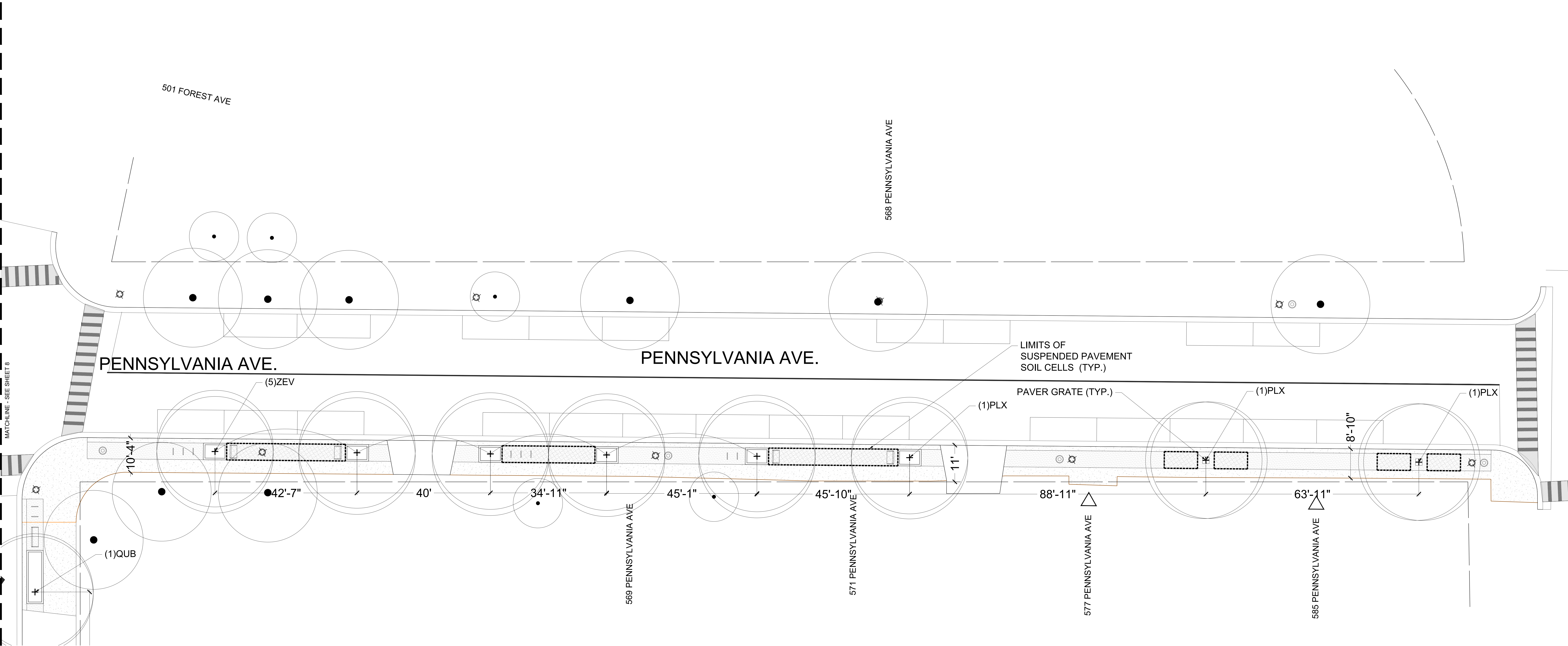
PENNSYLVANIA AVE
MAIN TO FOREST

GLEN ELLYN CBD STREETScape
DRAFT TREE PLANTING PLAN



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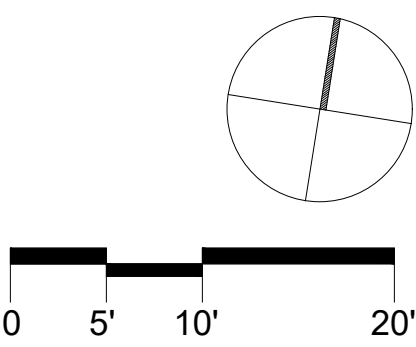


LEGEND

	EXISTING TREE TO REMAIN		BIKE RACKS
	PROPOSED TREE		4' BENCH 6' BENCH
	CONCRETE SIDEWALK		BOLLARD
	DECORATIVE PAVING		TRASH RECEPTACLE
	LIMITS OF SUSPENDED PAVEMENT SOIL CELLS		FLOWER POTS
	BUILDING RETAIL/RESTAURANT ENTRANCE		
	STREET LIGHT *LOCATIONS TBD		

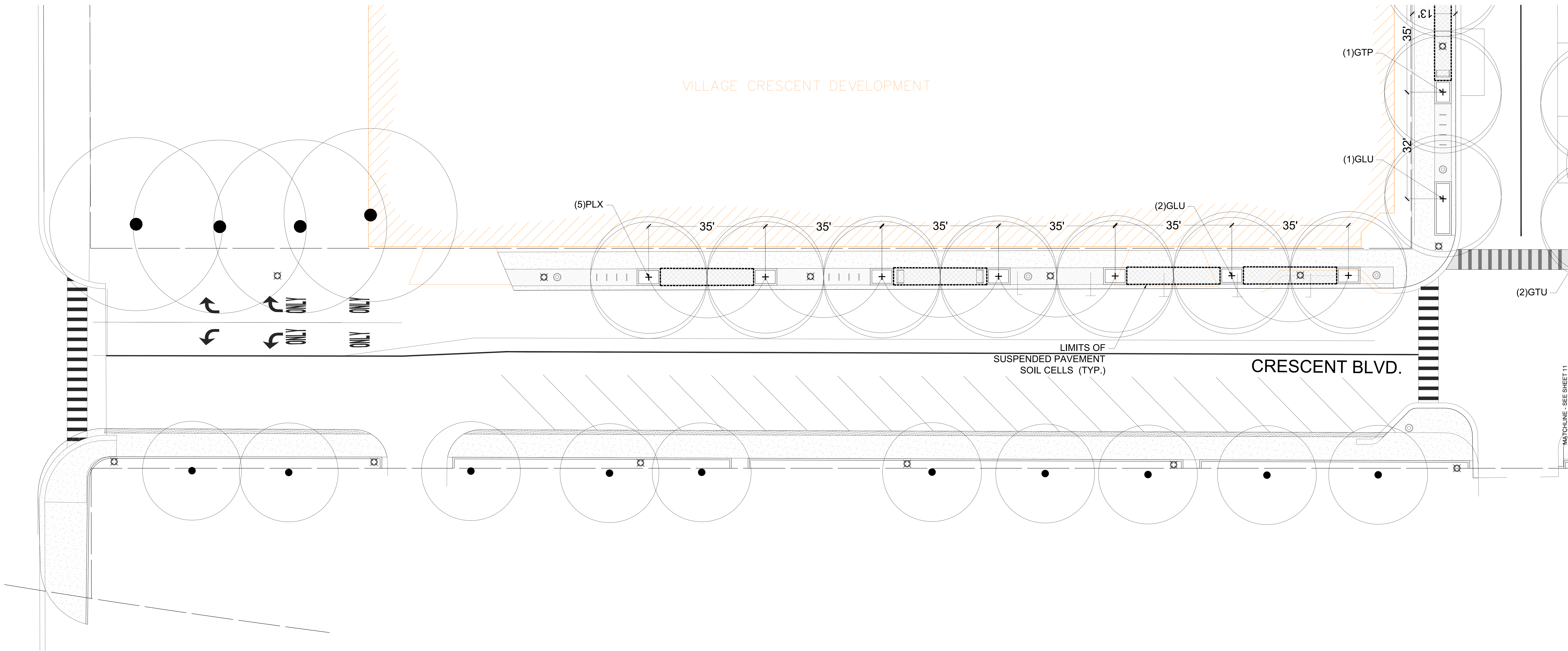
PENNSYLVANIA AVE
FOREST TO PARK

GLEN ELLYN CBD STREETSCAPE
DRAFT TREE PLANTING PLAN



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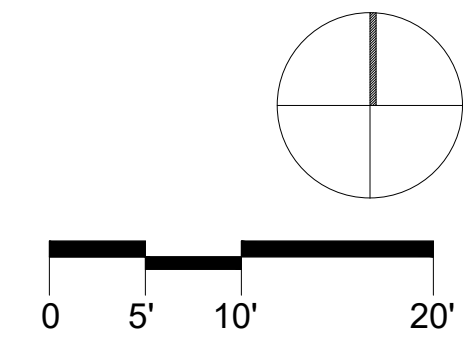


LEGEND

	EXISTING TREE TO REMAIN		BIKE RACKS
	PROPOSED TREE		4' BENCH
	PROPOSED TREE		6' BENCH
	CONCRETE SIDEWALK		BOLLARD
	DECORATIVE PAVING		TRASH RECEPTACLE
	LIMITS OF SUSPENDE PAVEMENT SOIL CELLS		FLOWER POTS
	BUILDING RETAIL/RESTAURANT ENTRANCE		
	STREET LIGHT *LOCATIONS TBD		

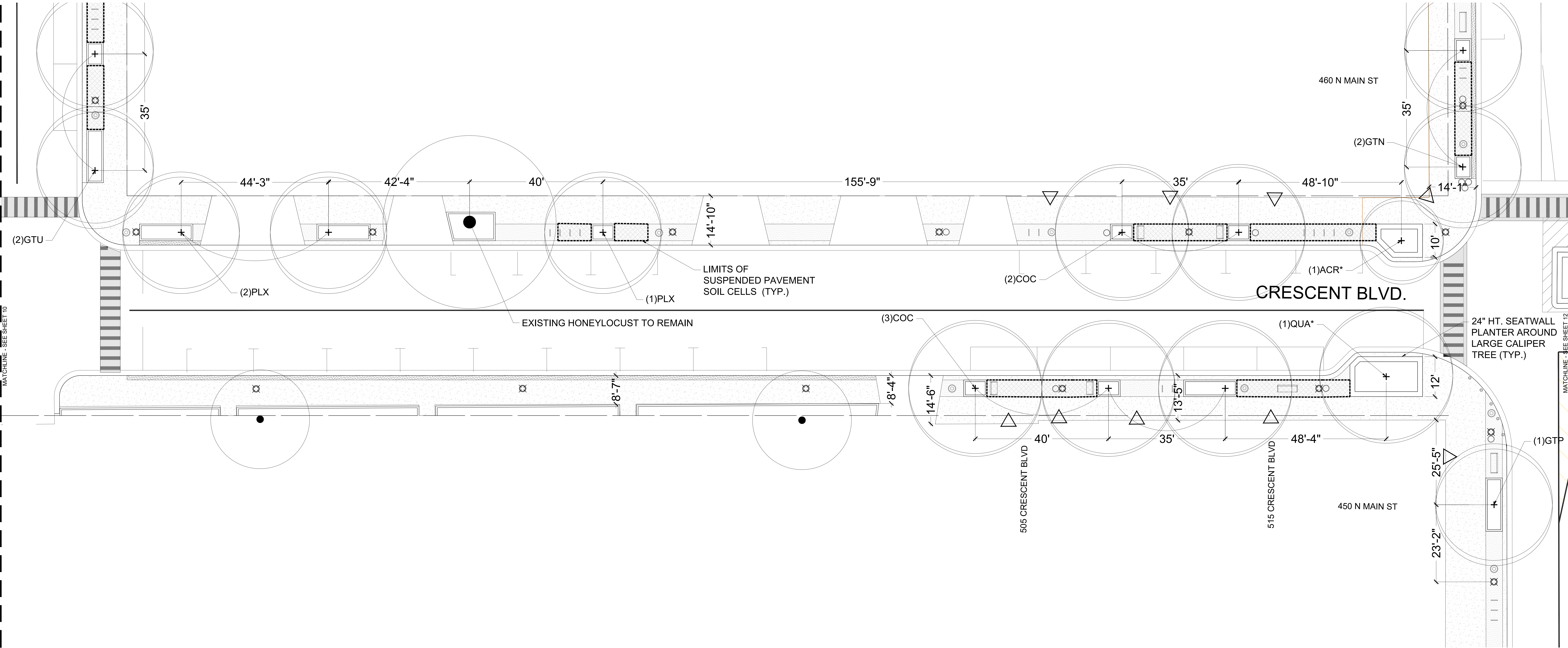
CRESCENT BOULEVARD
PROSPECT TO GLENWOOD

GLEN ELLYN CBD STREETScape
DRAFT TREE PLANTING PLAN



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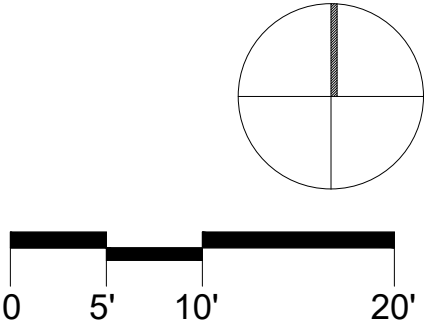


LEGEND

	EXISTING TREE TO REMAIN		BIKE RACKS
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	CONCRETE SIDEWALK		BOLLARD
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	BUILDING RETAIL/RESTAURANT ENTRANCE		
	STREET LIGHT *LOCATIONS TBD		

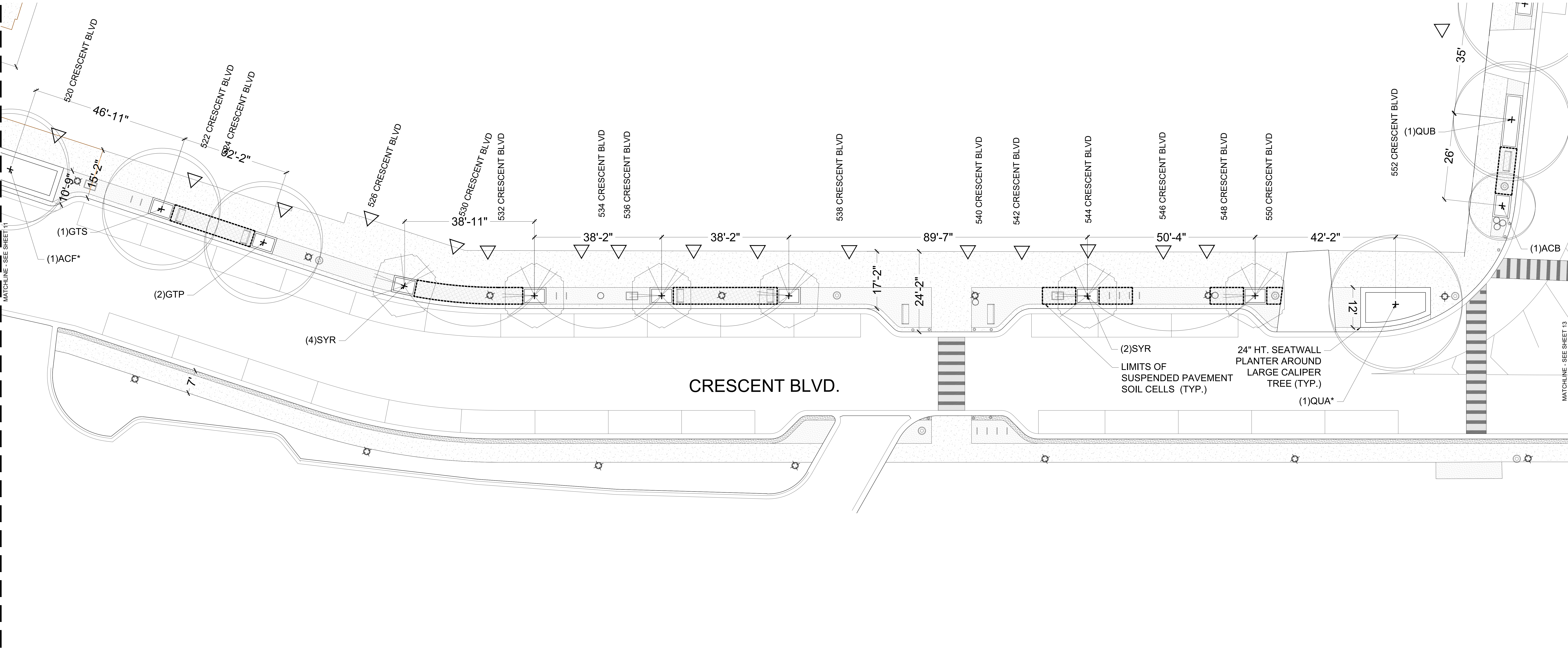
CRESCENT BOULEVARD
GLENWOOD TO MAIN

GLEN ELLYN CBD STREETScape
DRAFT TREE PLANTING PLAN



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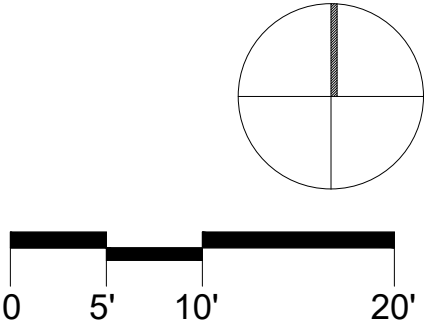


LEGEND

	EXISTING TREE TO REMAIN		BIKE RACKS
	PROPOSED TREE		4' BENCH
	CONCRETE SIDEWALK		6' BENCH
	DECORATIVE PAVING		BOLLARD
	LIMITS OF SUSPENDED PAVEMENT SOIL CELLS		TRASH RECEPTACLE
	BUILDING RETAIL/RESTAURANT ENTRANCE		FLOWER POTS
	STREET LIGHT *LOCATIONS TBD		

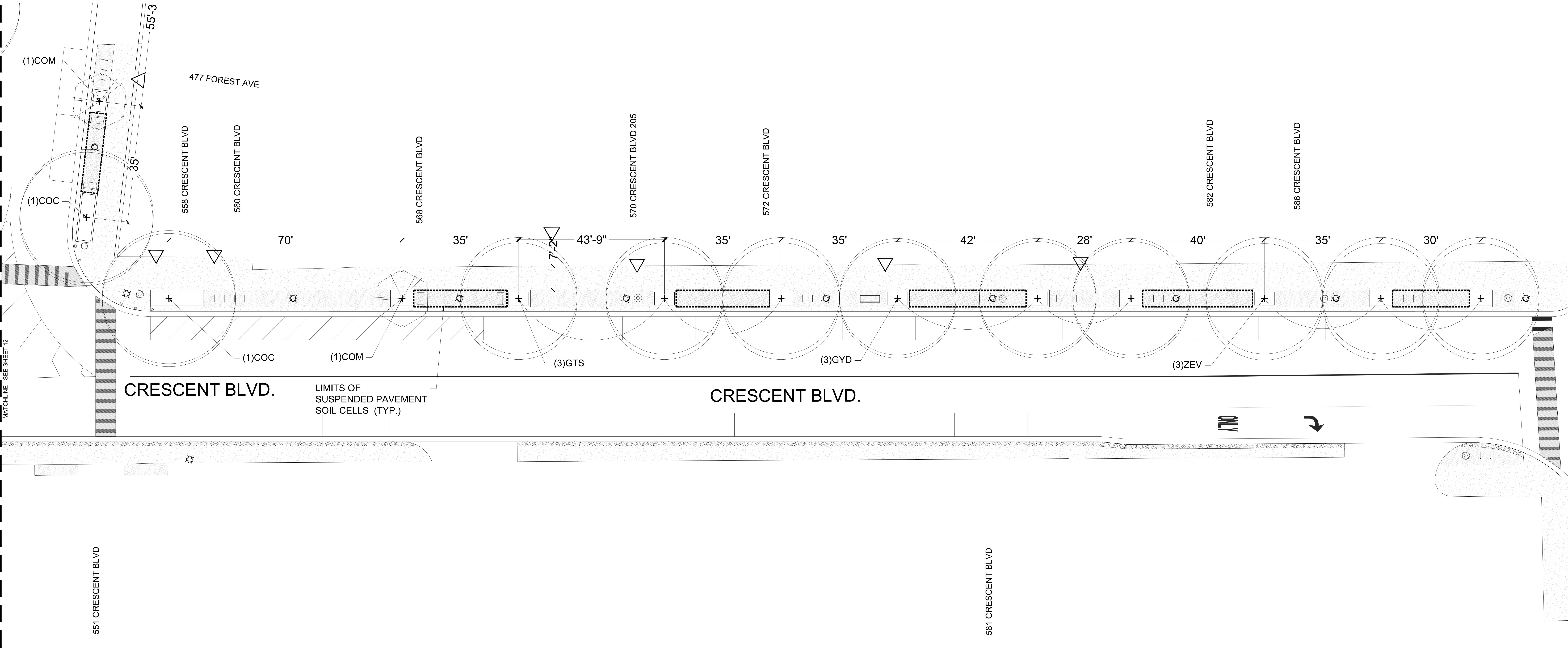
CRESCENT BOULEVARD
MAIN TO FOREST

GLEN ELLYN CBD STREETScape
DRAFT TREE PLANTING PLAN



Jan 29, 2021
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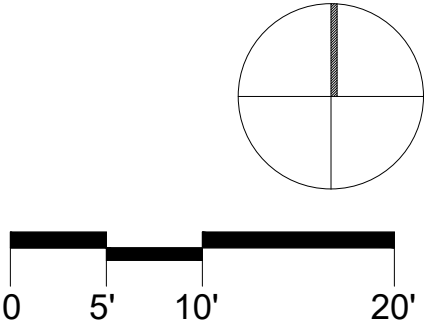
LEGEND

	EXISTING TREE TO REMAIN		BIKE RACKS
	PROPOSED TREE		4' BENCH
	CONCRETE SIDEWALK		6' BENCH
	DECORATIVE PAVING		BOLLARD
	LIMITS OF SUSPENDED PAVEMENT SOIL CELLS		TRASH RECEPTACLE
	BUILDING RETAIL/RESTAURANT ENTRANCE		FLOWER POTS
	STREET LIGHT *LOCATIONS TBD		

CRESCENT BOULEVARD
PROSPECT TO GLENWOOD

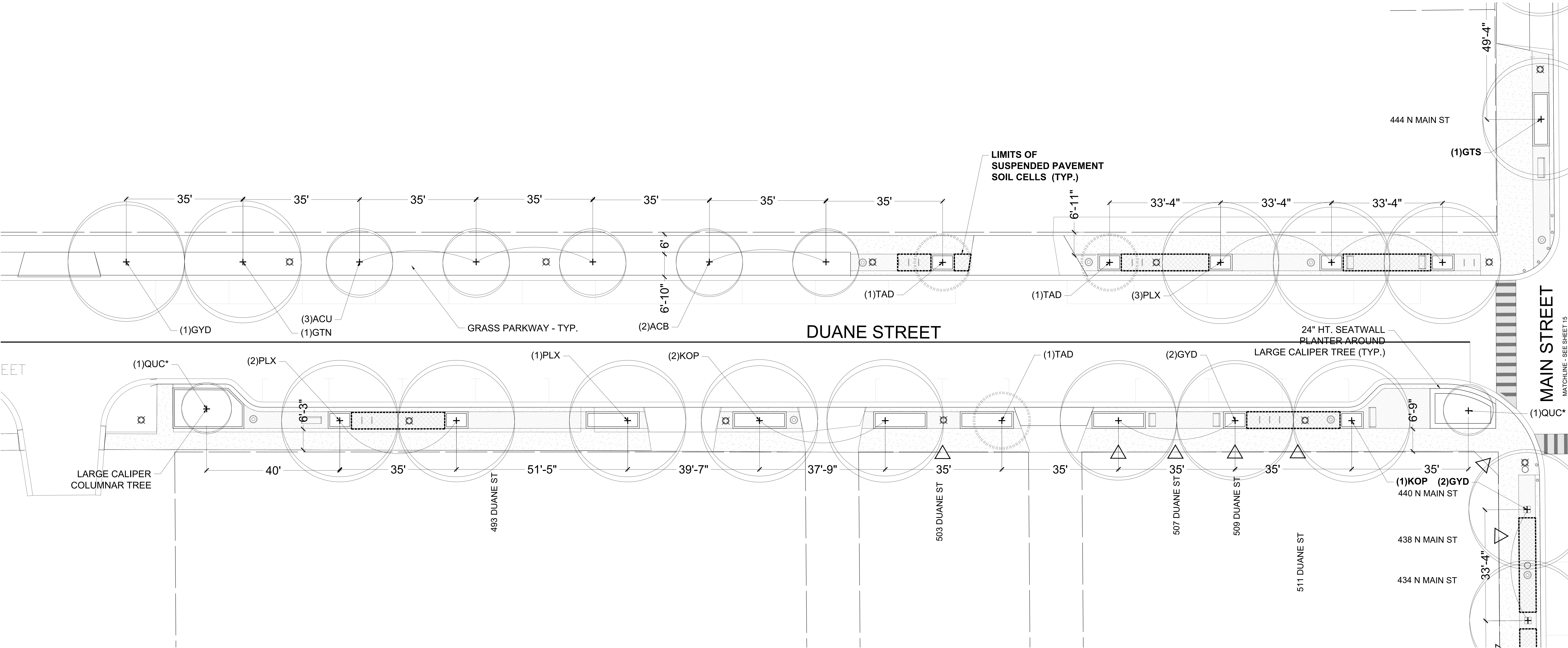


GLEN ELLYN CBD STREETScape
DRAFT TREE PLANTING PLAN



Jan 29, 2021
Sheet 13 of 18



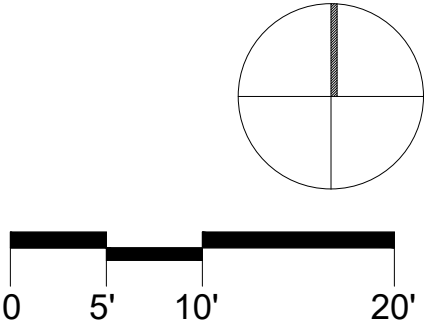


LEGEND

	EXISTING TREE TO REMAIN		BIKE RACKS
	PROPOSED TREE		4' BENCH 6' BENCH
	CONCRETE SIDEWALK		BOLLARD
	DECORATIVE PAVING		TRASH RECEPTACLE
	LIMITS OF SUSPENDED PAVEMENT SOIL CELLS		FLOWER POTS
	BUILDING RETAIL/RESTAURANT ENTRANCE		
	STREET LIGHT *LOCATIONS TBD		

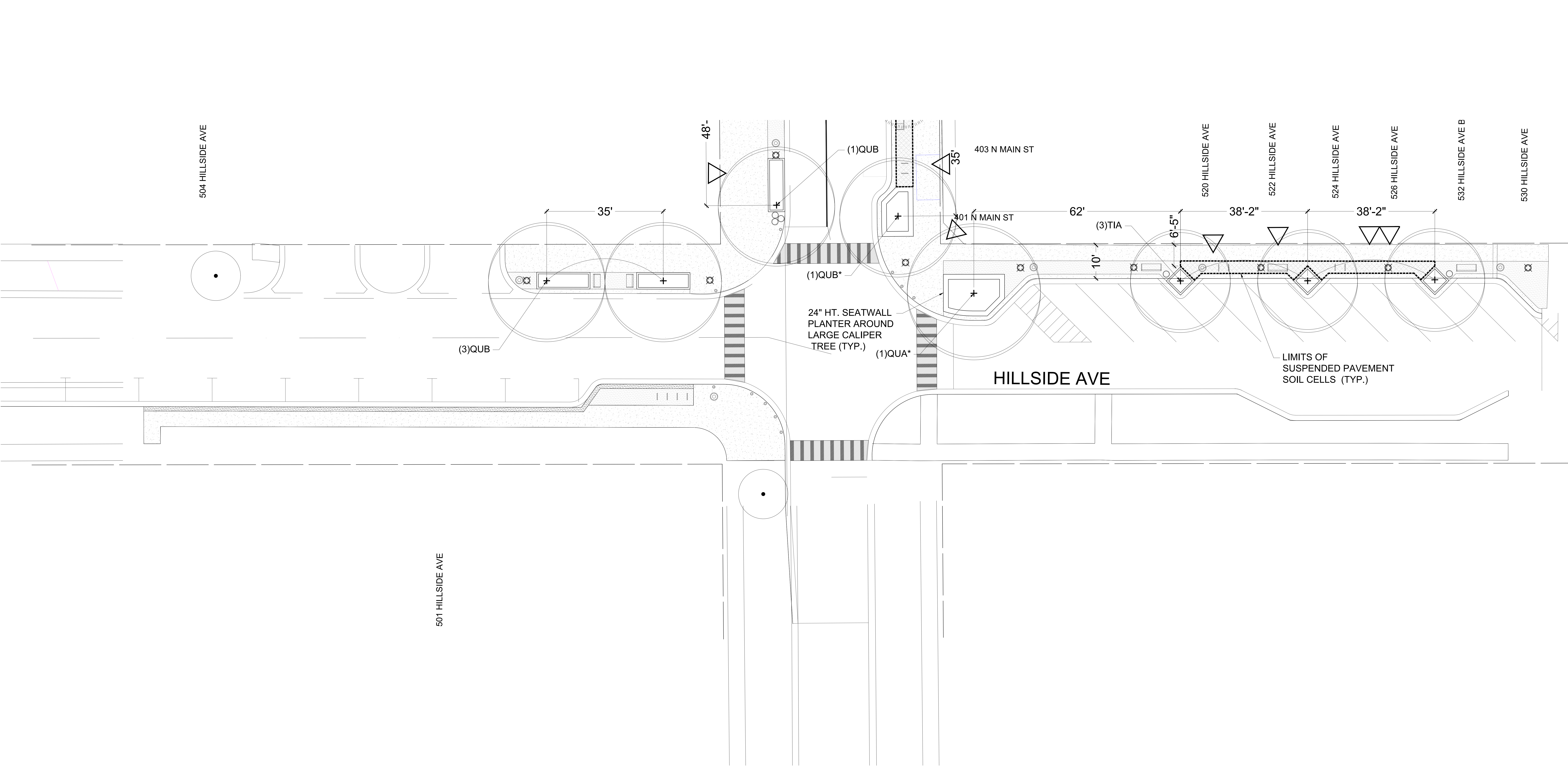
DUANE STREET
GLENWOOD TO MAIN

GLEN ELLYN CBD STREETSCAPE
DRAFT TREE PLANTING PLAN



Jan 29 2021
Sheet 14 of 18





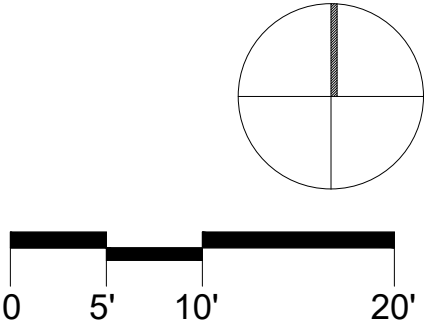
LEGEND

	EXISTING TREE TO REMAIN		BIKE RACKS
	PROPOSED TREE		4' BENCH 6' BENCH
	CONCRETE SIDEWALK		BOLLARD
	DECORATIVE PAVING		TRASH RECEPTACLE
	LIMITS OF SUSPENDED PAVEMENT SOIL CELLS		FLOWER POTS
	BUILDING RETAIL/RESTAURANT ENTRANCE		
	STREET LIGHT *LOCATIONS TBD		

HILLSIDE AVENUE
AT MAIN

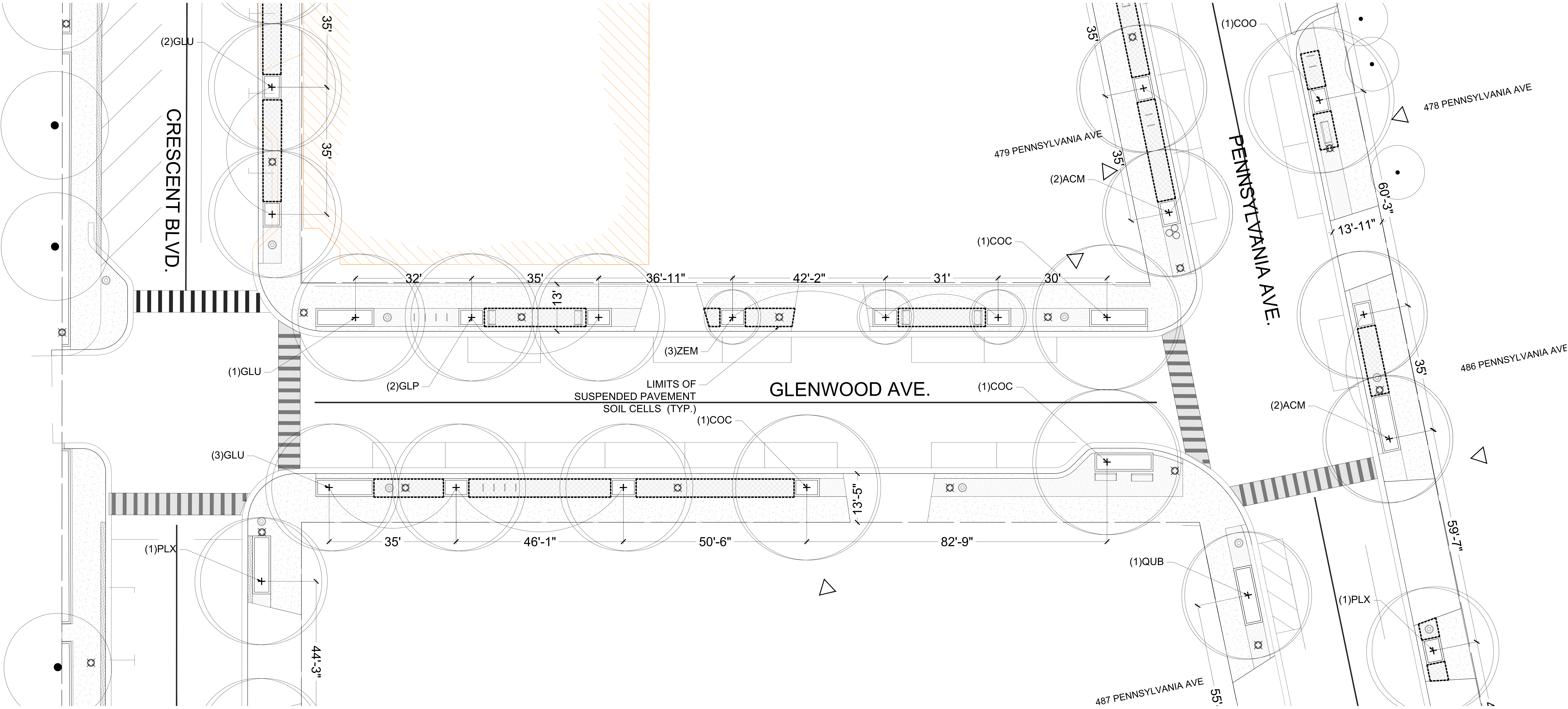


GLEN ELLYN CBD STREETSCAPE
DRAFT TREE PLANTING PLAN



Jan 29, 2021
Sheet 16 of 18



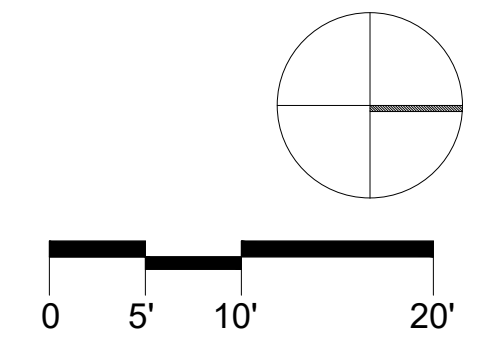


LEGEND

	EXISTING TREE TO REMAIN		BIKE RACKS
	PROPOSED TREE		4' BENCH
	CONCRETE SIDEWALK		6' BENCH
	DECORATIVE PAVING		BOLLARD
	LIMITS OF SUSPENDED PAVEMENT SOIL CELLS		TRASH RECEPTACLE
	BUILDING RETAIL/RESTAURANT ENTRANCE		FLOWER POTS
	STREET LIGHT *LOCATIONS TBD		

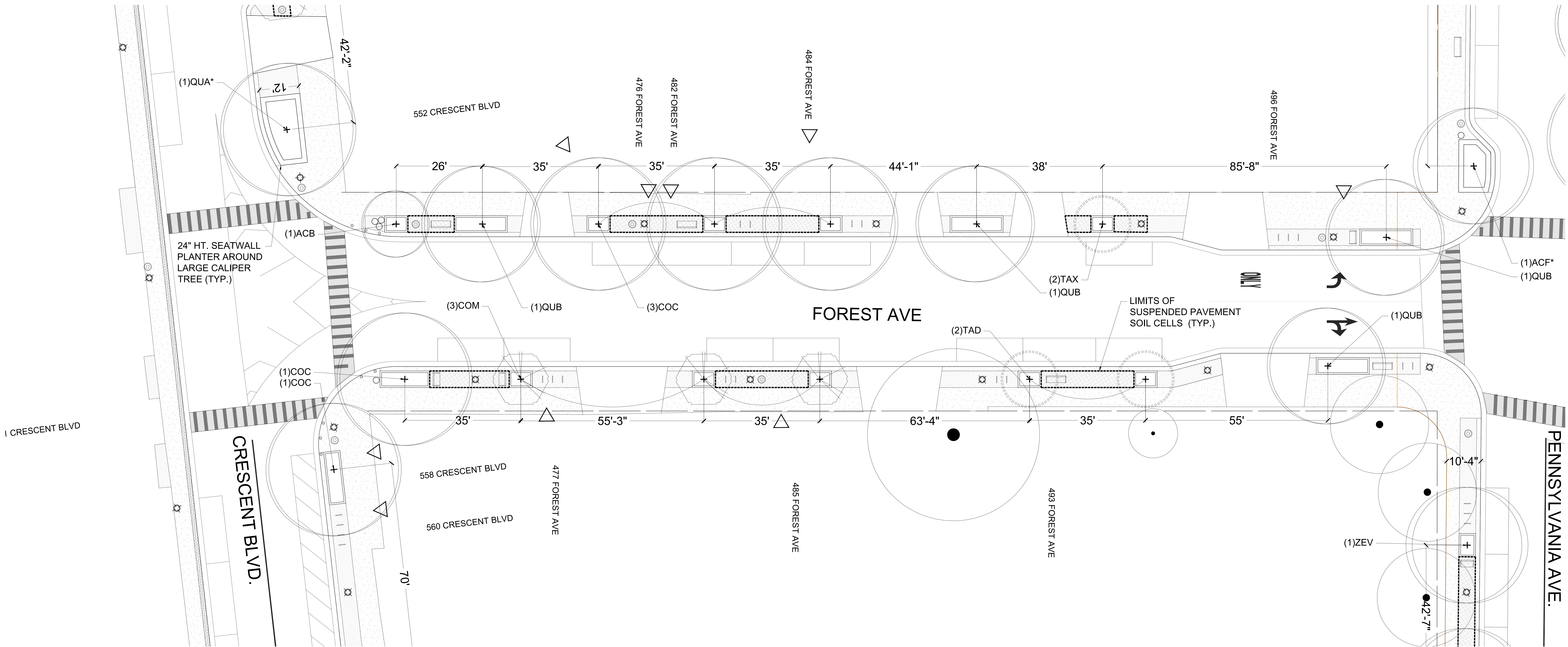
GLENWOOD AVE
CRESCENT TO PENNSYLVANIA

GLEN ELLYN CBD STREETSCAPE
DRAFT TREE PLANTING PLAN



Jan 29, 2021
Sheet 17 of 18



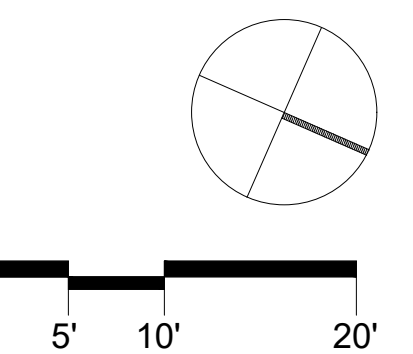


LEGEND

	EXISTING TREE TO REMAIN		BIKE RACKS
	PROPOSED TREE		4' BENCH
	CONCRETE SIDEWALK		6' BENCH
	DECORATIVE PAVING		BOLLARD
	LIMITS OF SUSPENDED PAVEMENT SOIL CELLS		TRASH RECEPTACLE
	BUILDING RETAIL/RESTAURANT ENTRANCE		FLOWER POTS
	STREET LIGHT *LOCATIONS TBD		

FOREST AVENUE CRESCENT TO PENNSYLVANIA

GLEN ELLYN CBD STREETScape DRAFT TREE PLANTING PLAN



Jan 29, 2021
Sheet 18 of 18





**Glen Ellyn Capital
Improvements Commission**
535 Duane Street
Glen Ellyn, IL 60137

Meeting 3/9/2021 7:00 PM
Department: Public Works
Department Head: Julius Hansen
Category: Report
Prepared By: Rich Daubert

**AGENDA ITEM (ID # 2021-
967)**

DOC ID: 2021-967

Engineering Project Report Dated 3/5/2021

Statement of the Issue:

The Public Works Engineering Division Project Report Dated March 5, 2021 is attached hereto for review by the Capital Improvements Commission.

Analysis:

N/A

Budget Impact:

N/A

Action Requested:

N/A

Attachments:

1. Engineering Project Report 3-5-21

March 5, 2021



ENGINEERING DIVISION PROJECT ACTIVITY REPORT

CONSTRUCTION PROJECTS

CUMNOR AVENUE UTILITY IMPROVEMENTS – Contractor: John Neri Construction

(Project No. 19009; Value of Construction Contract = \$374,218)

This project involved the construction of approximately 470 feet of water main, including 11 service connections, and 475 feet of sanitary sewer, including 11 service connections, on Cumnor Avenue between Fairway and Acorn. The project is substantially complete, including the roadway and parkway restoration. The Village's in-house Civil Engineer, whom served as the project Resident Engineer, has tabulated final project quantities and issued a final punch list which has been substantially completed. Closeout of the project is anticipated to occur in the spring when a final walk through of the project will be completed to confirm all lawn restoration has properly established, no new project issues are identified, and all punch list items are completed.

VILLAGE GREEN STORM SEWER PROJECT– Contractor: Mauro Sewer Construction

(Project No. 16007; Value of Construction Contract = \$169,715)

This project involves replacement of approximately 1,200 linear feet of 12-inch storm sewer from Village Green Park to Lambert Lake. A preconstruction meeting has been scheduled for March 11th with construction anticipated to commence shortly thereafter.

CONSTRUCTION PROJECTS IN CLOSE-OUT

ROADWAY REHABILITATION PROJECT 20002– Contractor: Schroeder Asphalt Services

(Project No. 19007; Value of Construction Contract = \$1,298,381)

This project involved more limited utility (repairs) and roadway improvements (resurfacing) along approximately 2 miles of roadways generally located in southeast Glen Ellyn. All punch list items have been completed with the Engineer working on closeout invoicing and documentation for the project.

SCOTT-CLIFTON-CUMNOR IMPROVEMENTS – Contractor: Chicagoland Paving

(Project No. 19007; Value of Construction Contract = \$622,405)

Final punch list work has been completed with preparation of the final balancing change order for the project underway.

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

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

Staff and the Resident Engineer have addressed all of IDOT's requests with project closeout in the court of IDOT District 1 Materials.

TAYLOR AVENUE PEDESTRIAN TUNNEL – Contractor: “D” Construction

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

All authorizations have been submitted to IDOT; once the authorizations have been signed off on by IDOT and posted, the final pay estimate will be generated by the Engineer. The final pay estimate will be transmitted to the Contractor with 21 days provided to dispute the quantities. Otherwise IDOT will proceed with final invoicing for the project.

HILL AVENUE BRIDGE REPLACEMENT – Contractor: Dunnet Bay Construction

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

The project record drawings have been received from the Consultant and placed in the Village’s drawing database. Final invoicing by IDOT for the balance of the Construction Contract Costs is still forthcoming.

CRESCENT BOULEVARD RECONSTRUCTION – Contractor: Martam Construction

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

IDOT has issued the material certification approval letter for the project. With all other documentation complete, the Contractor was given written notice by IDOT on Nov. 5th that they have 21 days to contest the Village’s final quantities; otherwise IDOT will proceed with final invoicing for the project.

ENGINEERING PROJECTS

UTILITY AND ROADWAY REHABILITATION PROJECT 20001– Engineer: Engineering Resource Associates

(Project No. 20001)

This project, currently in the design phase, involves more extensive utility and roadway improvements along approximately 1.6 miles of streets in the central-west area of the Village. The Engineer is revising the 75% plans based on staff review comments. The initial-final plans, specifications, and estimates are due back to staff on March 19th. Staff comments back to the engineer on the initial-final PSE are due April 1st. The first phase of the project involving Phillips, Vine, Ridgewood, Evergreen, and Center is anticipated to be released for bidding on April 12th with bids due on April 26th. Subject to the receipt favorable bids, the construction contract and construction engineering services agreement will be presented to the Village Board for consideration of approval on May 10th.

2021 STREET IMPROVEMENTS PROJECT – Engineer: Chastain & Associates

(Project No. 21002)

This project involves more limited utility (repairs) and roadway improvements (resurfacing) along approximately 3 miles of roadways generally located in northeast Glen Ellyn to be improved in 2021. Staff is finalizing its review comments on the preliminary plans. The final plans specifications and estimates are being readied for a mid-April letting.

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

(Project No. 00511)

The Engineer and Staff continue to work with Union Pacific Railroad on clarifying the position of the water and sewer main crossing (of the UP-West Line) jack and bore receiving pits on the south side of Crescent Boulevard with respect to the Union Pacific right-of-way. Staff comments on the most current plan set for the project are due back to the Engineer on March 12th.

GLEN ELLYN/IL AMERICAN WATER INTERCONNECT– Engineer: Donohue

This project involves the design of an emergency use interconnection between the Village and Illinois American Water Company (ILAWC) distributions systems, near Glenbard South High School. The interconnection would significantly reduce the water outage areas for the respective utilities in the event of water main breaks. Staff has completed its review of the preliminary alignment drawings and provided various design information requested by Donohue. Donohue has acknowledged all of staff’s review comments with no overt objections. Preliminary alignments of the water main in IL-56 (Butterfield Road) right of way have been shared with IDOT with the preferred alignment identified. Staff met with Donohue and Illinois American Water on February 17th to review design elements including SCADA signal monitoring requirements as well as telemetry plans for the respective utilities. Staff is now working with the Village’s SCADA integrator to develop a plan and specifications for implementation of the Village’s SCADA needs for the interconnection.

CENTRAL BUSINESS DISTRICT PROJECTS

TRAIN STATION / PEDESTRIAN TUNNEL – Engineer: CDM Smith/KMI Architects

(Project No. 16016)

Work continues on the Section 106/4f tasks. CDM Smith has revised the project purpose and need document to address most recent feedback from IDOT and FHWA. The updated document as well as the consulting parties’ feedback to date has been shared with IDOT and FHWA. Consulting parties’ feedback continues to express support of the station reconstruction (with site improvements) project alternative. JLK Architects completed field work to review and document conditions of 6 properties warranting NRHP consideration within the project area of potential effect including the depot itself. CDM Smith, JLK, and Staff met with IDOT on February 17th to review JLK’s findings to date and ensure the documentation will conform to Section 106 and 4f requirements. Staff also met with CDM Smith on February 18th to discuss the development of the 4 project alternatives required for Section 106 and 4f including 1) no-build, 2) incorporate site improvements only, 3) renovate/expand station with site improvements, and 4) reconstruct station with site improvements. The renovate/expand station alternative is currently being further developed inclusive of construction and life-cycle operation and maintenance costs for alternatives 3 and 4.

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

(Project No. 15006)

The results of the remaining sewer services televising and building inspections were included in a supplemental report submitted in July 2020. Staff is working with RJN to address identified deficiencies and infrastructure requiring upgrades in the scope of the CBD Streetscape and Utility Improvements Project.

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

(Project No. 15006)

Village Board met in February and provided direction on remaining streetscape items:

- Brick pavers to be used in “Narrow Sidewalk” areas with Narrow Band Option 1 (16” Band of Pavers in Running Bond Pattern as preferred by the Village Board

- Use of clay brick pavers on concrete slab base with concrete header bands in crosswalk locations
- Incorporation of 16"x16" granite engraved plaques in diamond configuration within decorative furniture zone pavers
- Incorporation of 16"x16" granite engraved plaques in square configuration within narrow band decorative pavers at locations

A resolution commemorating the project design decisions will be presented to the Village Board for consideration of approval at its March 22 Village Board Meeting.

The schedule of Phase 1 of the project was discussed with the Village Board not expressing any concerns with advancing the project to 2022. Staff is working with Civiltech to develop a detailed maintenance of traffic plan and schedule for Phase 1 of the Improvements.

The Pennsylvania Avenue Streetscape Improvement Project at the southeast corner of Pennsylvania Avenue and Main Street was released for bid on February 25th with bids due on March 12th. The goal is to complete the utility and streetscape work at this location in advance of planned façade and outdoor deck construction at the A Toda Madre restaurant. This construction of the project is anticipated to commence in April of this year.

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
2021 Sidewalk and Concrete Street Repairs	\$360,000 (2021)	This annual program includes repairs to deteriorated or damaged sidewalk and concrete roadway infrastructure throughout the Village. This year's program also includes budget for two segments of requested sidewalk installations. Staff is working to design the two segments of new sidewalk installation for consideration during an upcoming CIC meeting. Contract documents and candidate repair locations are also being compiled for a bid advertisement immediately following CIC recommendation of potential sidewalk installations.
2021 Parking Lot Resurfacing and Asphalt Roadway Patching	\$210,700 (2021)	Project scope includes roadway patching throughout the Village and resurfacing of the Park & Montclair parking lot. The contract was advertised on January 29, 2021 with bids opened on February 10, 2021. The contract was awarded to the low bidder, J.A. Johnson Paving Company at the February 22, 2021 Village Board meeting. Construction is targeted to be completed by the end of May.
2021 Pavement Markings	\$30,000 (2021)	This contract is annually intended to be awarded to the 2021 low bidder of either the DuPage County contract or Suburban Purchasing Cooperative. These contracts are typically awarded or extended annually in March. Staff will begin working to recommend a Village contract to the

Project	Estimated Glen Ellyn Cost	Status
		Board at this time. Construction is targeted to start as early as May.
2021 Crack Sealing	\$25,000 (2021)	This year's program is anticipated to be procured once staff has compiled candidate locations using upcoming Pavement Condition Index (PCI) Study data. The 2021 PCI Study is discussed below.
2021 Asphalt Surface Rejuvenation	\$40,000 (2021)	Candidate locations include streets that have been resurfaced one to three years prior. Staff has finalized target locations and quantities and is in the process of requesting a proposal from Corrective Asphalt Materials. It is anticipated that staff will recommend single source purchase award at a March or April Village Board Meeting.
2021 Pavement Condition Index (PCI) Study	\$50,000 (2021)	The Village has obtained pavement condition data for all Village streets every four years since 2004. Unfortunately, COVID-19 caused staff to recommend deferral of a 2020 Study due to financial concerns at the time. However, on a positive note, Staff applied for participation in CMAP's Pavement Management Program and recently learned that CMAP was able to secure additional State Planning and Research Grants and has included Glen Ellyn in its next round of assisting communities with completing PCI Studies and developing Pavement Maintenance Programs. The Village will in turn receive an updated Pavement Condition Index Survey of all the Village's streets as well as a 5-year pavement management program; <u>both at no cost to the Village</u> however staff will review additional services offered by the consulting firm (AECOM) working for CMAP. Staff has already had discussions with AECOM on the forthcoming study but will be meeting with the firm on March 18 th to officially kick off this effort.
2020 Sanitary Sewer Lining Program	\$628,591.50 (2020)	Last year's program includes approx. 11,000 feet of sewer. CIPP lining of the sewer main has been completed. T-Lining of service connections and grouting of service connection has been completed. Staff is in the process of reviewing post installation videos and closing out the project.
2020 Sanitary Sewer Point Repair Program	\$148,800 (2020)	Last year's program included 7 point repairs strategically selected based on the condition of existing sanitary sewer mains. Project Completed. Final punchlist was completed. Final payout was processed and project Purchase Order has been closed out.

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