

MEMORANDUM

OFFICE OF COMMUNITY DEVELOPMENT

**CGS SECTION 8-24 REFERRAL FROM THE TOWN COUNCIL TO THE TOWN PLAN AND ZONING COMMISSION
REGARDING GATEWAY CORPORATE PARK BICYCLE AND PEDSTRIAN IMPROVEMENTS
FOR WESTERN BLVD, EASTERN BLVD, AND NATIONAL DRIVE
MEETING DATE : March 21, 2023**

REGULAR MEETING
ITEM# 3 03-21-2023

To:
Town Plan and Zoning
Commission

From:
Office of Community
Development Staff

Memo Date:
March 16, 2023

REVIEW

Included for Commission review are the following:

- A memorandum from Richard Johnson, Town Manager
- A narrative description, overall concept plan, and site plan for project

DRAFT MOTION

RESOLVED, that the Plan and Zoning Commission of the Town of Glastonbury forwards a favorable recommendation regarding the following project pursuant to Section 8-24 of the General Statutes of Connecticut:

The proposed construction comprises a total of 5400 L.F. of concrete sidewalk, on portions of three separate roads within the Gateway Corporate Park, including along Eastern Blvd from Hebron Ave to Addison Rd, along National Drive from Eastern Blvd to Western Blvd, and along Western Blvd from National Drive to Winding Brook Drive, including:

- Restriping of the travel lanes, with spot roadway widening, along Eastern Blvd from Addison Rd to Western Blvd and along Western Blvd from Eastern Blvd to a point approximately 200 feet south of the National Drive intersection in order to provide a minimum 4ft wide bicycle shoulder along the proposed on-road bicycle route, connecting the two existing off-road multi-use path segments.
- Removal of a raised median island on Eastern Blvd, near its easterly terminus minor road widening of Western Blvd at a point close to the existing multi-use trail entrance located south of National Drive. These additional elements will serve to provide a minimum 4 foot wide shoulder for use by cyclists traversing between the two off-road multi-use trail sections.

This road widening and sidewalk construction project is in keeping with the Plan of Conservation and Development's Town-Wide Transportation Policies in Section 3, as well as Land Use and Development Policies in Planning Area 6 Employment Area. This project also supports the goals and policies in the Bicycle Master Plan to expand and further connect the Bicycle and Pedestrian connections.

MEMORANDUM

To: Shelley Caltagirone, Director of Planning and Land Use Services

From: Richard J. Johnson, Town Manager

Date: March 16, 2023

Re: **Town Council Action – New Sidewalk Construction – CGS 8-24**

At its meeting of Tuesday, March 14, 2023, the Council referred proposed construction of new sidewalks along sections of National Drive, Eastern Boulevard, and Western Boulevard in the Gateway Area to the Town Plan and Zoning Commission for a report and recommendation per CGS Sec. 8-24. The proposed plan is shown on the attached page with yellow highlight depicting the proposed new sidewalk areas. This project will complete sections of already existing sidewalks and is to be reimbursed through a formally approved grant under the LOTCIP program.

Please schedule this matter for action at the next Town Plan and Zoning Commission meeting. A Council public hearing is scheduled for March 28, 2023. Should you have any questions, please let me know.

RJJ/sal
Attachment

ATTACHMENT A SUPPLEMENTAL NARRATIVE

PURPOSE AND NEED

In 2012 the Town of Glastonbury completed construction on a 1-mile long paved multi-use trail running between Bell Street and the Smith Middle School. This trail section travels through publicly-owned wooded terrain and was the first step in an envisioned multi-step process to provide a safe and comfortable alternative to the high volume/high speed Hebron Avenue (State route 94) corridor for cyclists and pedestrians. Hebron Avenue has a daily traffic volume in excess of 20,000, has little to no shoulder space, few sidewalks and numerous points of danger for cyclists and pedestrians such as highway overpass bridges, highway on/off ramps, commercial driveway curb cuts etc. The overall objective as depicted on the attached Area Map excerpted from the Town's Bicycle Master Plan consists of a better than 1-mile network of safe bicycle/pedestrian friendly amenities such that individuals utilizing this mode of transportation can get to and from the Town center without traveling the most dangerous sections of Hebron Avenue. Towards that end, a second off-road, paved multi-use trail section was constructed between Western Boulevard and House Street in 2020. With the completion of this second section of multi-use trail there is now a need to link these two off-road trail sections in a manner that allows for safe passage of cyclists and pedestrians through the existing Gateway Corporate Park.

The Town of Glastonbury has also made consistent efforts to expand its sidewalk network over a period exceeding two decades. The Town has developed a sidewalk project evaluation matrix that serves as guidance document when making decisions on how to allocate sidewalk construction budget appropriations. The matrix identifies 10 rating categories and includes sections identified by both staff and residents as being worthy of consideration. The proposed sections of sidewalk within the Gateway Corporate Park included in this application along Eastern Boulevard, National Drive, and Western Boulevard are represented within this matrix and are some of the sections of highest Town priority based on matrix scores.

Further Municipal Policy support for this proposal can be found in the Town's Plan of Conservation and Development and in the Bicycle Master Plan advocated by the Bike Walk Glastonbury organization. The Gateway Corporate Park is the Town's largest employment center. The businesses located within the Park employ people from throughout the Capitol Region. Thus, this proposal would serve the residents of numerous communities by providing Corporate Park employees with access to bicycle/pedestrian-friendly amenities at appropriate times during the work day. In addition to being an alternate transportation route to Hebron Avenue, the project related improvements (i.e. concrete sidewalks and bike-friendly road shoulders), in conjunction with the multi-use trail sections, also constitute a recreational amenity. Town Residents and Corporate Park employees alike will have easy access to the proposed amenity.

Additionally, another off-road multi-use trail section exists parallel to Hebron Avenue, between Manchester Rd and Harvest Lane and large scale bicycle and pedestrian improvements are under design by the State of Connecticut to provide safe passage over the Putnam Bridge to Wethersfield, and connection to the Connecticut River meadow trail system owned by Goodwin

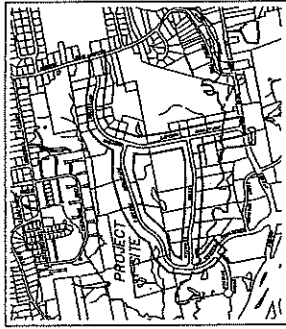
College. Thus, the proposed project is consistent with the larger scale Town-wide objective to offer residents safe and viable alternatives to motorized transport. The sidewalks proposed in this application would serve as an important complement to the Town's existing sidewalk network of greater than 110 miles. The ability of pedestrians to access places of business without using a motor vehicle contributes to economic development and vibrancy of the community.


PROJECT DESCRIPTION

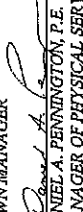
This application under the Local Transportation Capital Improvement Program proposes road and sidewalk improvements within the Gateway Corporate Park which will link the two existing Town constructed off-road multi-use trail sections and will expand the existing sidewalk network in this area in order to provide business employees with an ability to safely walk and bike during break periods. Restriping of travel lanes with spot roadway widening is proposed along Eastern Boulevard from Addison Road to Western Boulevard and along Western Boulevard from Eastern Boulevard to a point approximately 200 feet south of the National Drive intersection in order to provide a minimum 4 foot wide bicycle shoulder along the proposed on-road bicycle route connecting the two existing off-road multi-use path segments. Removal of a raised median island is proposed as part of the project on Eastern Boulevard near its easterly terminus and some minor road widening on Western Boulevard is proposed at a point close to the existing multi-use trail entrance located south of National Drive. These additional elements will serve to provide a minimum 4 foot-wide shoulder width for use by cyclists traversing between the two off-road multi-use trail sections.

The concept plan provided depict the proposed construction comprising a total of 5400 L.F. of concrete sidewalk on portions of three separate roads within the Gateway Corporate Park, including along Eastern Boulevard from Hebron Avenue to Addison Road, along National Drive from Eastern Boulevard to Western Boulevard, and along Western Boulevard from National Drive to Winding Brook Drive. No utility relocations are anticipated and necessary tree clearing is minimal. The overview plan included shows the geographical relationship between the proposed work area and the adjacent trail sections.

TOWN OF GLASTONBURY GATEWAY CORPORATE PARK BICYCLE AND PEDESTRIAN IMPROVEMENTS PW - 1703 L.O.T.C.I.P. STATE PROJECT #L053-0005 LOCATED ON WESTERN BOULEVARD, EASTERN BOULEVARD & NATIONAL DRIVE




 RICHARD T. JOHNSON
 TOWN MANAGER


 DANIEL A. PENNINGTON, P.E.
 MANAGER OF PHYSICAL SERVICES/TOWN ENGINEER

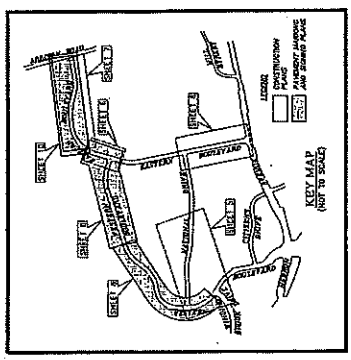


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SHEET 4
SHEET 5-7
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100% CONSTRUCTION SUBMISSION

- CDOT STANDARD SHEETS
- CATCH BASIN AND DROP INLET TYPES "C" AND "C-L"
- PRECAST CATCH BASIN AND ROUND STRUCTURES
- PRECAST CATCH BASIN TYPES FOR DOUBLE GRATE TYPE 1
- CATCH BASIN TOPS TYPE "C" AND "C-L"
- CATCH BASIN FRAMES AND GRATES
- TRENCHING AND BACKFILLING
- TR-1001-01 SIGN PLACEMENT AND RETROREFLECTIVE STRIP DETAILS
- TR-1200-02 METAL SIGN POSTS AND SIGN MOUNTING DETAILS
- TR-1201-01 SIGN MOUNTING AND BRACKETING DETAILS
- TR-1210-08 PAVEMENT MARKINGS FOR NON FREEWAYS
- TR-1220-01 SIGNS FOR CONSTRUCTION AND PERMIT OPERATIONS
- TR-1220-02 CONSTRUCTION SIGN SUPPORTS AND CHANNELIZING DEVICES

GENERAL NOTES:

1. ALL WORK SHALL BE PERFORMED BY THE TOWN OF GLASTONBURY ENGINEERING DIVISION.

2. ALL WORK SHALL BE IN ACCORDANCE WITH THE TOWN OF GLASTONBURY ENGINEERING DIVISION'S STANDARD SPECIFICATIONS FOR ROAD AND SIDEWALK CONSTRUCTION, 1995 EDITION, WITH THE LATEST REVISIONS AND AMENDMENTS.

3. ALL WORK SHALL BE IN ACCORDANCE WITH THE TOWN OF GLASTONBURY ENGINEERING DIVISION'S STANDARD SPECIFICATIONS FOR BICYCLE AND PEDESTRIAN IMPROVEMENTS, 1995 EDITION, WITH THE LATEST REVISIONS AND AMENDMENTS.

4. ALL WORK SHALL BE IN ACCORDANCE WITH THE TOWN OF GLASTONBURY ENGINEERING DIVISION'S STANDARD SPECIFICATIONS FOR SIGNING, 1995 EDITION, WITH THE LATEST REVISIONS AND AMENDMENTS.

5. ALL WORK SHALL BE IN ACCORDANCE WITH THE TOWN OF GLASTONBURY ENGINEERING DIVISION'S STANDARD SPECIFICATIONS FOR PAVEMENT MARKINGS, 1995 EDITION, WITH THE LATEST REVISIONS AND AMENDMENTS.

6. ALL WORK SHALL BE IN ACCORDANCE WITH THE TOWN OF GLASTONBURY ENGINEERING DIVISION'S STANDARD SPECIFICATIONS FOR CONSTRUCTION AND PERMIT OPERATIONS, 1995 EDITION, WITH THE LATEST REVISIONS AND AMENDMENTS.

7. ALL WORK SHALL BE IN ACCORDANCE WITH THE TOWN OF GLASTONBURY ENGINEERING DIVISION'S STANDARD SPECIFICATIONS FOR SIGN SUPPORTS AND CHANNELIZING DEVICES, 1995 EDITION, WITH THE LATEST REVISIONS AND AMENDMENTS.

8. ALL WORK SHALL BE IN ACCORDANCE WITH THE TOWN OF GLASTONBURY ENGINEERING DIVISION'S STANDARD SPECIFICATIONS FOR SIDEWALK RAMP DETAILS, 1995 EDITION, WITH THE LATEST REVISIONS AND AMENDMENTS.

9. ALL WORK SHALL BE IN ACCORDANCE WITH THE TOWN OF GLASTONBURY ENGINEERING DIVISION'S STANDARD SPECIFICATIONS FOR CONSTRUCTION PLANS, 1995 EDITION, WITH THE LATEST REVISIONS AND AMENDMENTS.

10. ALL WORK SHALL BE IN ACCORDANCE WITH THE TOWN OF GLASTONBURY ENGINEERING DIVISION'S STANDARD SPECIFICATIONS FOR PAVEMENT MARKINGS AND SIGNING PLANS, 1995 EDITION, WITH THE LATEST REVISIONS AND AMENDMENTS.

11. ALL WORK SHALL BE IN ACCORDANCE WITH THE TOWN OF GLASTONBURY ENGINEERING DIVISION'S STANDARD SPECIFICATIONS FOR CROSS SECTIONS, 1995 EDITION, WITH THE LATEST REVISIONS AND AMENDMENTS.

12. ALL WORK SHALL BE IN ACCORDANCE WITH THE TOWN OF GLASTONBURY ENGINEERING DIVISION'S STANDARD SPECIFICATIONS FOR CDOT STANDARD SHEETS, 1995 EDITION, WITH THE LATEST REVISIONS AND AMENDMENTS.

	SCALE: AS SHOWN	DATE:	
	DESIGNED BY: SJA	APPROVED BY: SJA	
	DATE: 11/21/05	DATE: 11/21/05	
	PROJECT NO. PW-1703	SHEET NO. 1	OF 31



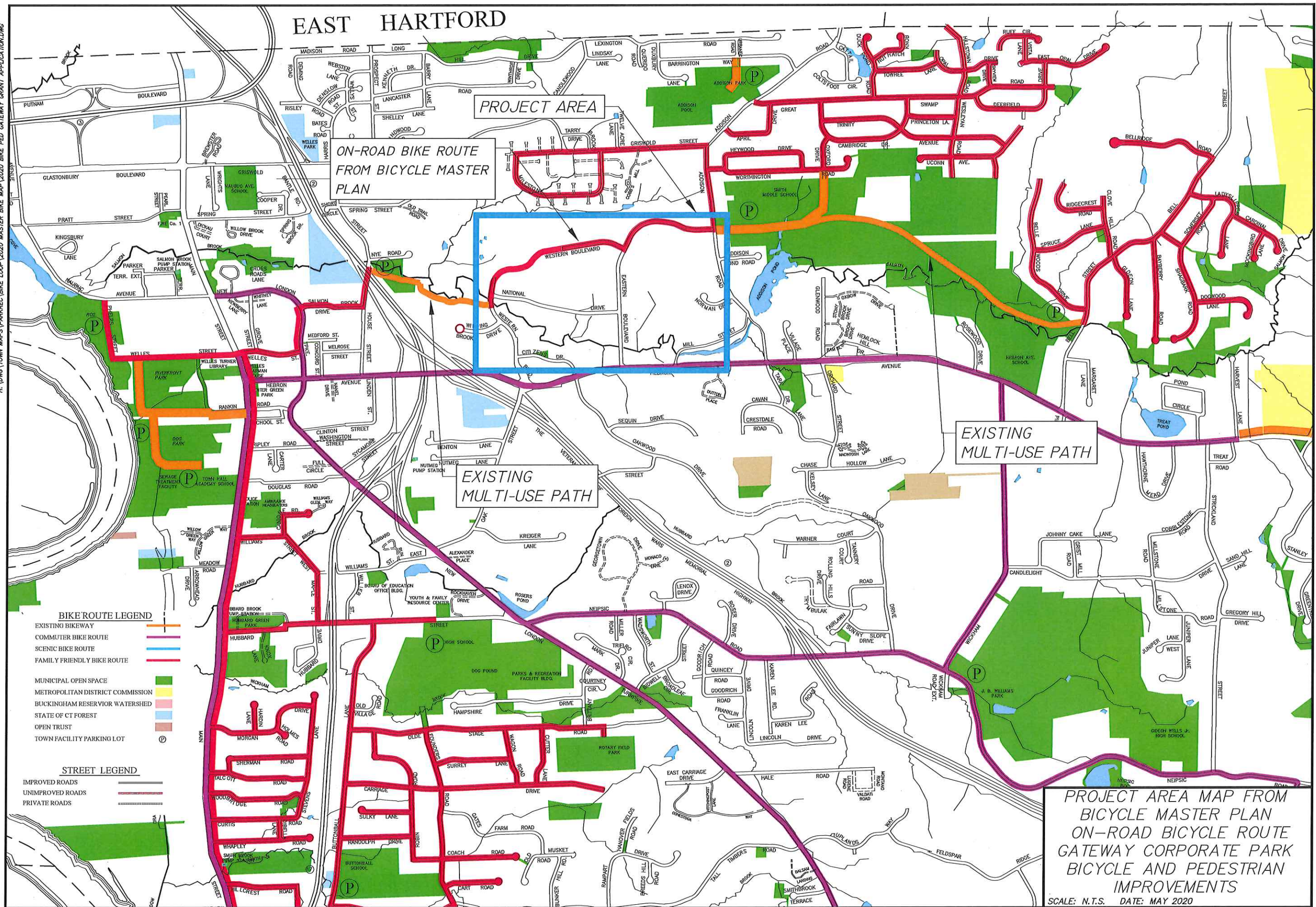
COVER SHEET
 GATEWAY CORPORATE PARK BICYCLE
 AND PEDESTRIAN IMPROVEMENTS
 WESTERN BOULEVARD, EASTERN
 BOULEVARD & NATIONAL DRIVE
 GLASTONBURY, CONNECTICUT

SHEET NO. 1-21
 DESIGNED BY: DANIEL A. PENNINGTON, P.E.
 CON. P.E. REGISTRATION NO. 2001

Certified to be substantially correct
 DANIEL A. PENNINGTON P.E. Reg. No. 2001

H:\DWG\TOWN MAPS\PARREC BIKE LOOP\2020 MASTER BIKE MAP\2020 BIKE MAP PED GATEWAY GRANT APPLICATION.DWG

EAST HARTFORD



PROJECT AREA

ON-ROAD BIKE ROUTE FROM BICYCLE MASTER PLAN

EXISTING MULTI-USE PATH

EXISTING MULTI-USE PATH

BIKE ROUTE LEGEND

- EXISTING BIKEWAY
- COMMUTER BIKE ROUTE
- SCENIC BIKE ROUTE
- FAMILY FRIENDLY BIKE ROUTE
- MUNICIPAL OPEN SPACE
- METROPOLITAN DISTRICT COMMISSION
- BUCKINGHAM RESERVIOR WATERSHED
- STATE OF CT FOREST
- OPEN TRUST
- TOWN FACILITY PARKING LOT

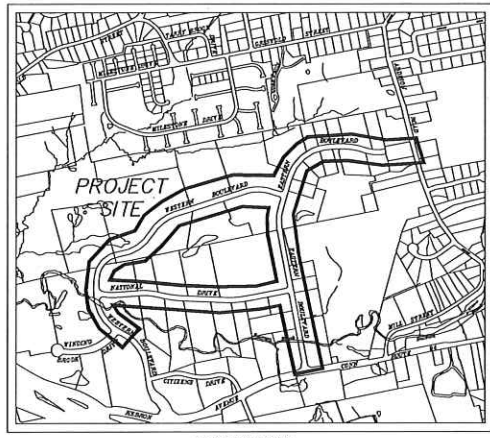
STREET LEGEND

- IMPROVED ROADS
- UNIMPROVED ROADS
- PRIVATE ROADS

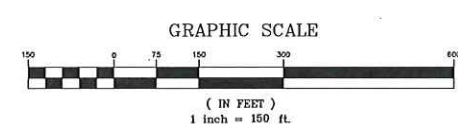
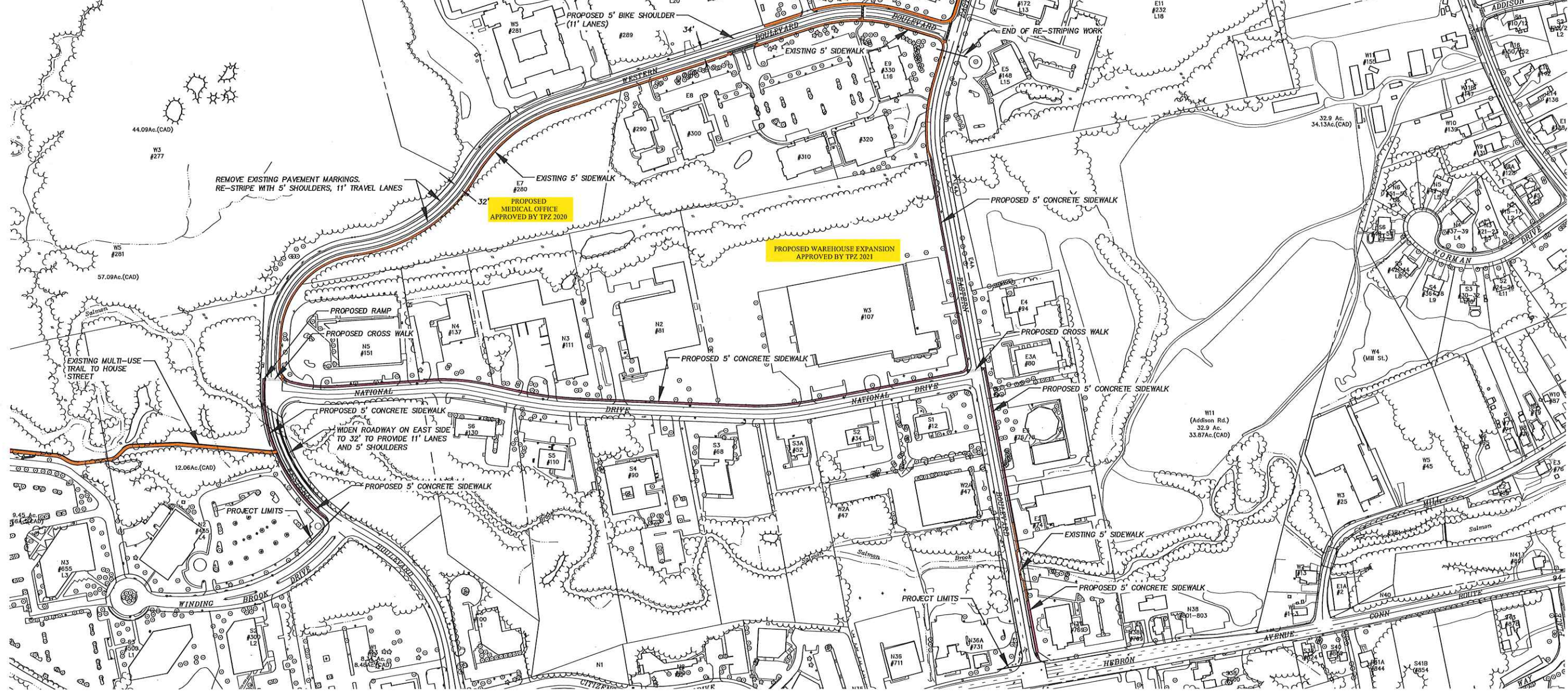
PROJECT AREA MAP FROM
 BICYCLE MASTER PLAN
 ON-ROAD BICYCLE ROUTE
 GATEWAY CORPORATE PARK
 BICYCLE AND PEDESTRIAN
 IMPROVEMENTS

SCALE: N.T.S. DATE: MAY 2020

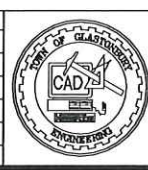
FILE: M:\DWG\Streets\Western Blvd\Plan\703 South School to Western Blvd\842 Lane\Utility Component Plan - Proposed and Pedestrian Improvements.dwg USR: Stephen Rouse DWG: 6/23/2021



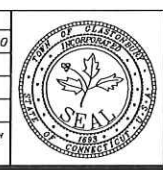
LOCATION MAP
SCALE: 1" = 100'



DRAWING ISSUE STATUS		
NO.	DESCRIPTION	DATE



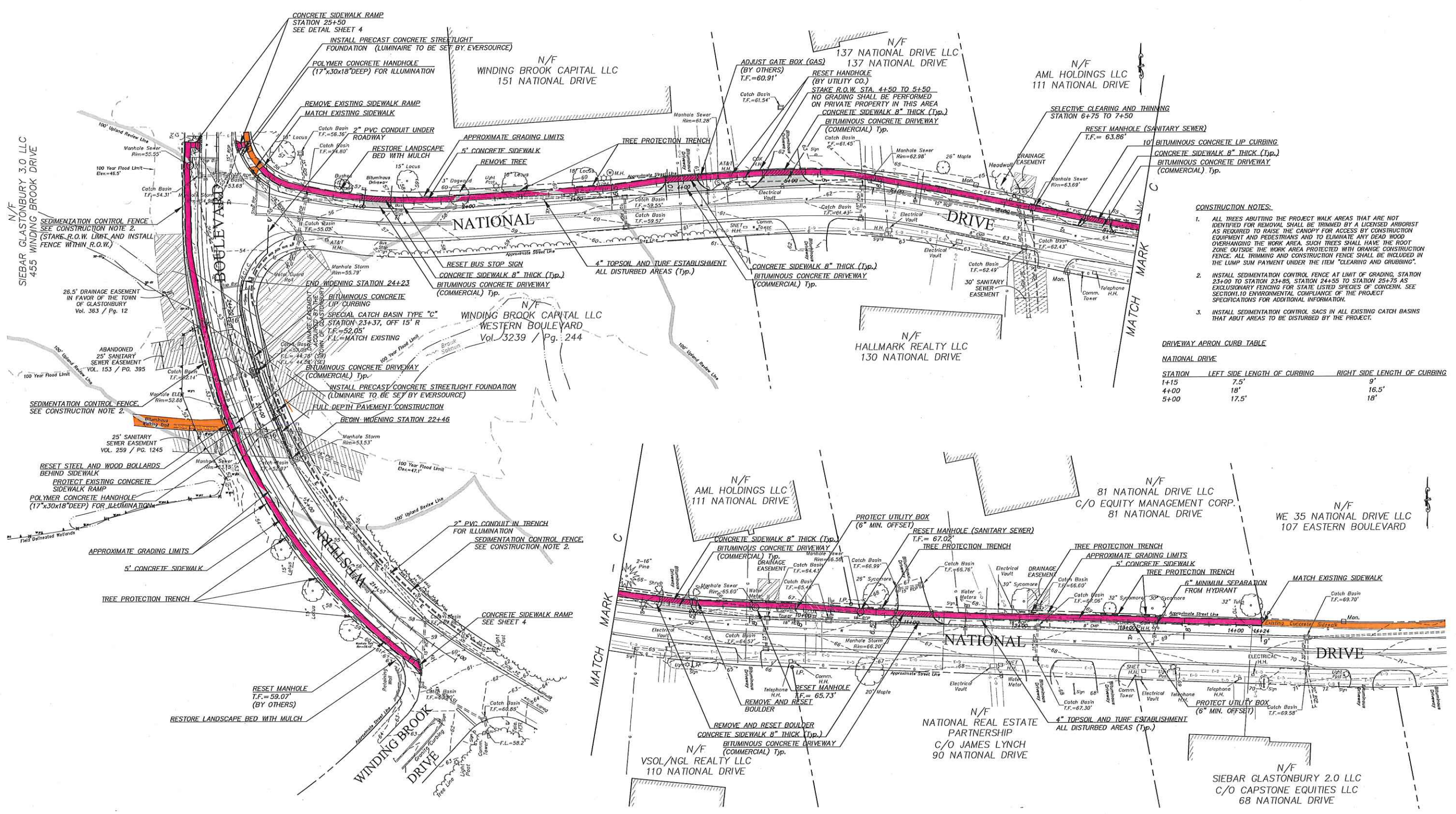
SCALE: AS SHOWN
 DATE: 3-16-2020
 DRAWN BY: S.Troy
 CHECKED BY: S.M.B.
 APPROVED BY: D.A.P.
 ST. FILE:
ANNUAL REVISIONS TO THIS DOCUMENT ARE PROHIBITED. ALL REVISIONS MUST BE PROVIDED BY CAD FILE SPEECH IN THE LEFT MARGIN. IF THERE ARE ANY DISCREPANCIES OR QUESTIONS, CONTACT THE TOWN OF GLASTONBURY ENGINEERING OFFICE AT (860) 632-7328.



**CONCEPT PLAN
 PROPOSED BICYCLE AND
 PEDESTRIAN IMPROVEMENTS
 FOR
 GATEWAY CORPORATE PARK
 GLASTONBURY, CONNECTICUT**

SHEET NO.
1
 OF 1

FILE: R:\D\GIS\Drawings\Western Blvd\Plan\1703 Gateway Corporate Park Bicycle and Pedestrian Project - Design.dwg, USBR, Sheet 1703, DATE: 11/14/2023

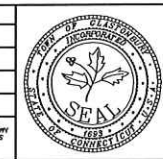


- CONSTRUCTION NOTES:**
1. ALL TREES ABUTTING THE PROJECT WALK AREAS THAT ARE NOT IDENTIFIED FOR REMOVAL SHALL BE TRIMMED BY A LICENSED ARBORIST AS REQUIRED TO RAISE THE CANOPY FOR ACCESS BY CONSTRUCTION EQUIPMENT AND PEDESTRIANS AND TO ELIMINATE ANY DEAD WOOD OVERHANGING THE WORK AREA. SUCH TREES SHALL HAVE THE ROOT ZONE OUTSIDE THE WORK AREA PROTECTED WITH ORANGE CONSTRUCTION FENCE. ALL TRIMMING AND CONSTRUCTION FENCE SHALL BE INCLUDED IN THE LUMP SUM PAYMENT UNDER THE ITEM "CLEARING AND GRUBBING".
 2. INSTALL SEDIMENTATION CONTROL FENCE AT LIMIT OF GRADING, STATION 23+00 TO STATION 23+85, STATION 24+55 TO STATION 25+75 AS EXCLUSIONARY FENCING FOR STATE LISTED SPECIES OF CONCERN. SEE SECTION 10 ENVIRONMENTAL COMPLIANCE OF THE PROJECT SPECIFICATIONS FOR ADDITIONAL INFORMATION.
 3. INSTALL SEDIMENTATION CONTROL SACS IN ALL EXISTING CATCH BASINS THAT ABUT AREAS TO BE DISTURBED BY THE PROJECT.

DRIVEWAY APRON CURB TABLE

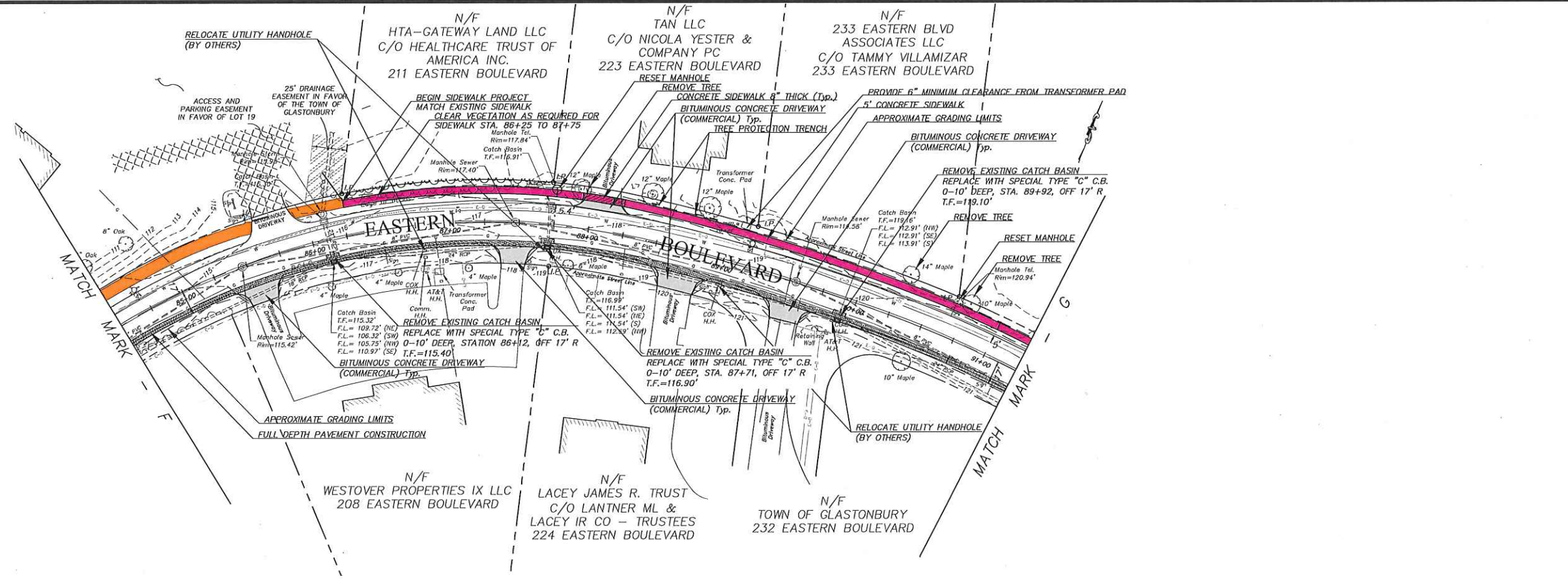
STATION	LEFT SIDE LENGTH OF CURBING	RIGHT SIDE LENGTH OF CURBING
1+15	7.5'	9'
4+00	18'	16.5'
5+00	17.5'	18'

DRAWING ISSUE STATUS		SCALE: AS SHOWN	DATE:
1.	NO.	DESCRIPTION	DATE



CONSTRUCTION PLAN DEPICTING GATEWAY CORPORATE PARK BICYCLE AND PEDESTRIAN IMPROVEMENTS WESTERN BOULEVARD, EASTERN BOULEVARD & NATIONAL DRIVE GLASTONBURY, CONNECTICUT

FILE: K:\DWG\2023\20230117\20230117_01.dwg
 PROJECT: Gateway Corporate Park Bicycle and Pedestrian Project - Design
 DATE: 1/17/2023

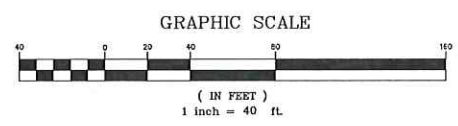
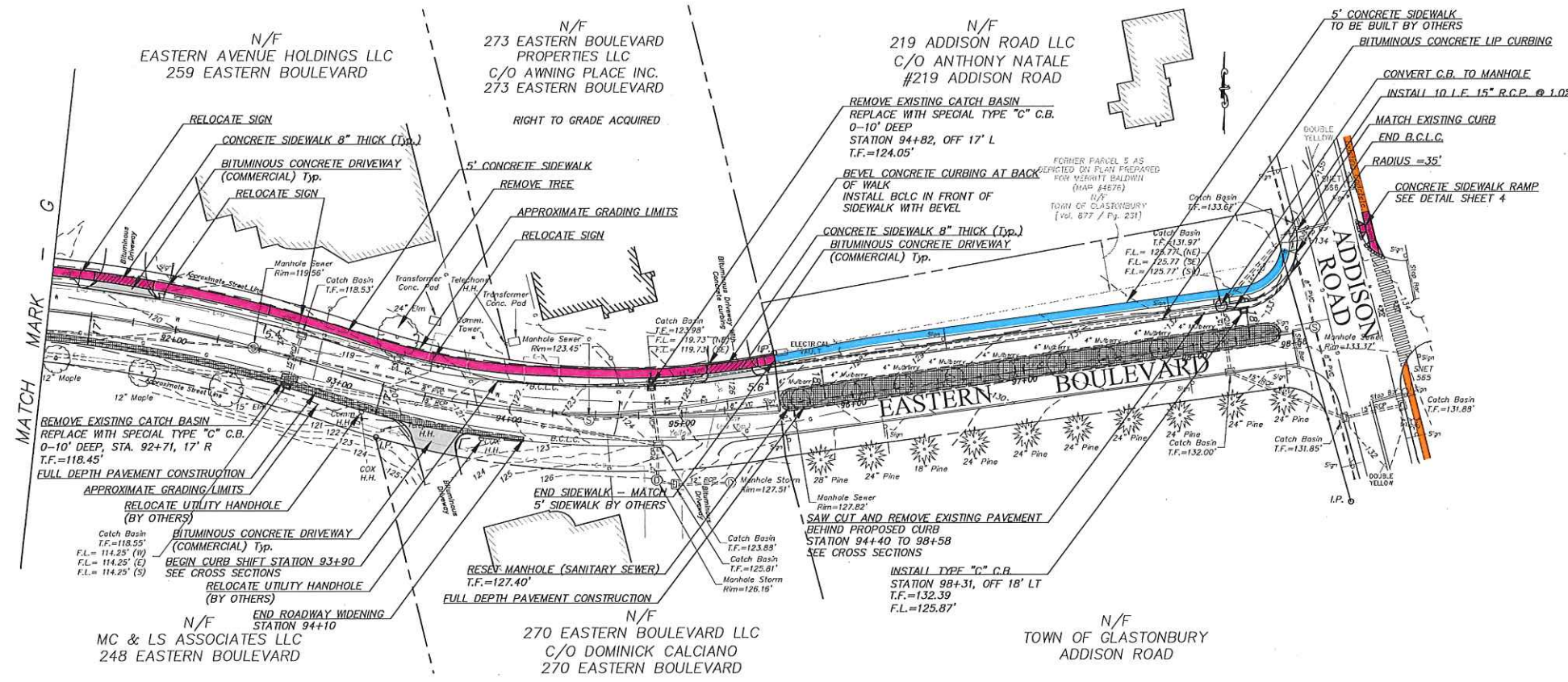


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 - INSTALL SEDIMENTATION CONTROL FENCE AT LIMIT OF GRADING, STATION 23+00 TO STATION 23+85, STATION 24+55 TO STATION 25+75 AS EXCLUSIONARY FENCING FOR STATE LISTED SPECIES OF CONCERN. SEE SECTION 10 ENVIRONMENTAL COMPLIANCE OF THE PROJECT SPECIFICATIONS FOR ADDITIONAL INFORMATION.
 - INSTALL SEDIMENTATION CONTROL BAGS IN ALL EXISTING CATCH BASINS THAT ABUT AREAS TO BE DISTURBED BY THE PROJECT.

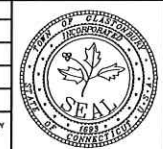
DRIVEWAY APRON CURB TABLE

EASTERN BOULEVARD

STATION	LEFT SIDE LENGTH OF CURBING	RIGHT SIDE LENGTH OF CURBING
85+55	17'	18'
87+50	17'	16.5'
88+10	10'	9'
88+75	16.5'	16.5'
89+50	15'	17'
91+70	11'	10'
93+60	18'	22'
95+30	8'	8'



DRAWING ISSUE STATUS		SCALE: AS SHOWN	DATE:
NO.	DESCRIPTION		



CONSTRUCTION PLAN DEPICTING GATEWAY CORPORATE PARK BICYCLE AND PEDESTRIAN IMPROVEMENTS WESTERN BOULEVARD, EASTERN BOULEVARD & NATIONAL DRIVE GLASTONBURY, CONNECTICUT