

RECONSTRUCTION OF EAST 177TH STREET / DEVOE AVENUE

**PROJECT ID: HWXP2007
COMMUNITY BOARD 6
BOROUGH OF THE BRONX**

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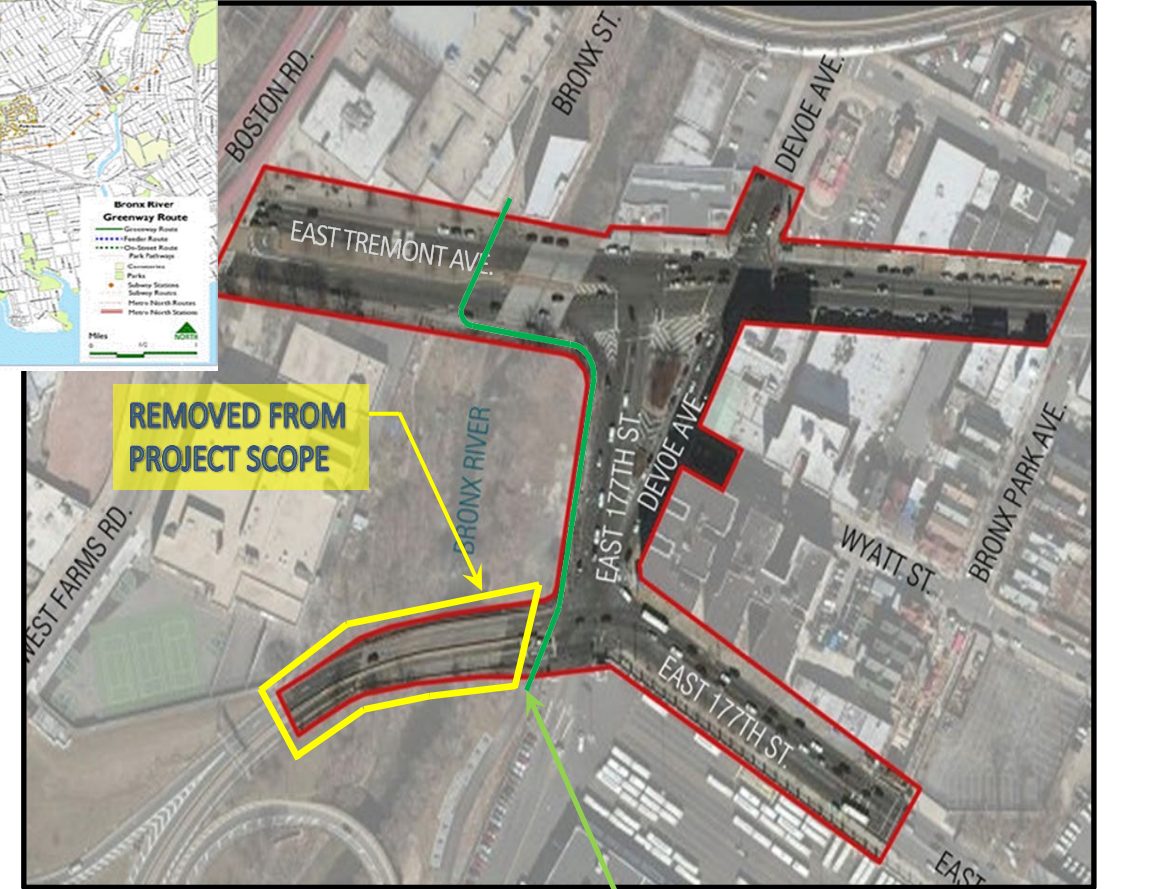
BACKGROUND

Bronx River Alliance - Greenway Master Plan

- 23 mile Trail (8 miles in the Bronx from mouth at East River to border of Westchester County)
- From mouth at East River to border of Westchester County and divided into 5 Segments

Greenway Connection

- **This project connects:**
 - Segment B – Bruckner Boulevard to East Tremont Ave (includes Starlight Park)
 - Segment C – East Tremont Avenue to Pelham Park



PROPOSED DOT SAFETY IMPROVEMENTS

- Organized Pedestrian / Vehicle Movements/ Channelization
- Shorter pedestrian crossings with refuge medians, sidewalk bump-outs, and new curbs and sidewalks throughout
- Bronx River Greenway Connection complete between Starlight Park and Bronx River Park (Bike Lane)
- Upgrade infrastructure – new street lighting, signals, signage



PROPOSED IMPROVEMENTS

DEP Infrastructure Upgrades:

- Water mains
- Sewers
- 13 new hydrants (replace 11 existing)
- 25 New Catch basins
- Infiltration Basins (SWPPP)

In coordination with Parks Dept.:

- Expanded landscaping, includes:
- 40 New Trees
- Various Shrubs and Perennial groundcovers



PAST CHALLENGES

Recent Design Challenges

NYSDEP

- **DEP Unified Stormwater Rule** triggered design and implementation of Post-Construction Stormwater Mitigation Practices and development of *SWPPP Report* which needed additional Design Services/ contract.

Private Utility coordination

- (Con Edison, ECS, AT&T, Cablevision) – Required redesigns per DEP scope change

NYCDOT

- **Signals (Traffic Study and Design of Timing), Street Lighting (Existing Low Light Conditions), OCMC (High Volume Intersections** for vehicles and peds)

PAST CHALLENGES

Updates -

DEP Unified Stormwater Rule (USWR) – Design Approach

Project area is zoned as a Manufacturing District

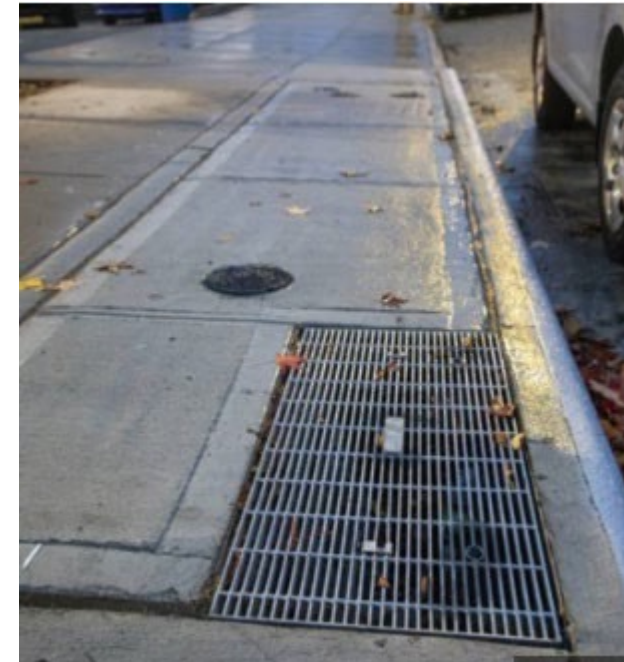
Design Approach (per DEP requirements for Manufacturing Districts): Concrete Top and Grass Top Infiltration Basins

Geotechnical (Soil) Information – Samplings, Reports, Reviews and Approvals

Stormwater Pollution Prevention Plan (SWPPP) submitted to DEP August 2023





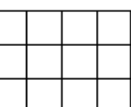
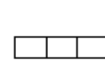


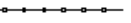

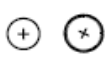


No Porous Pavement concrete pavement

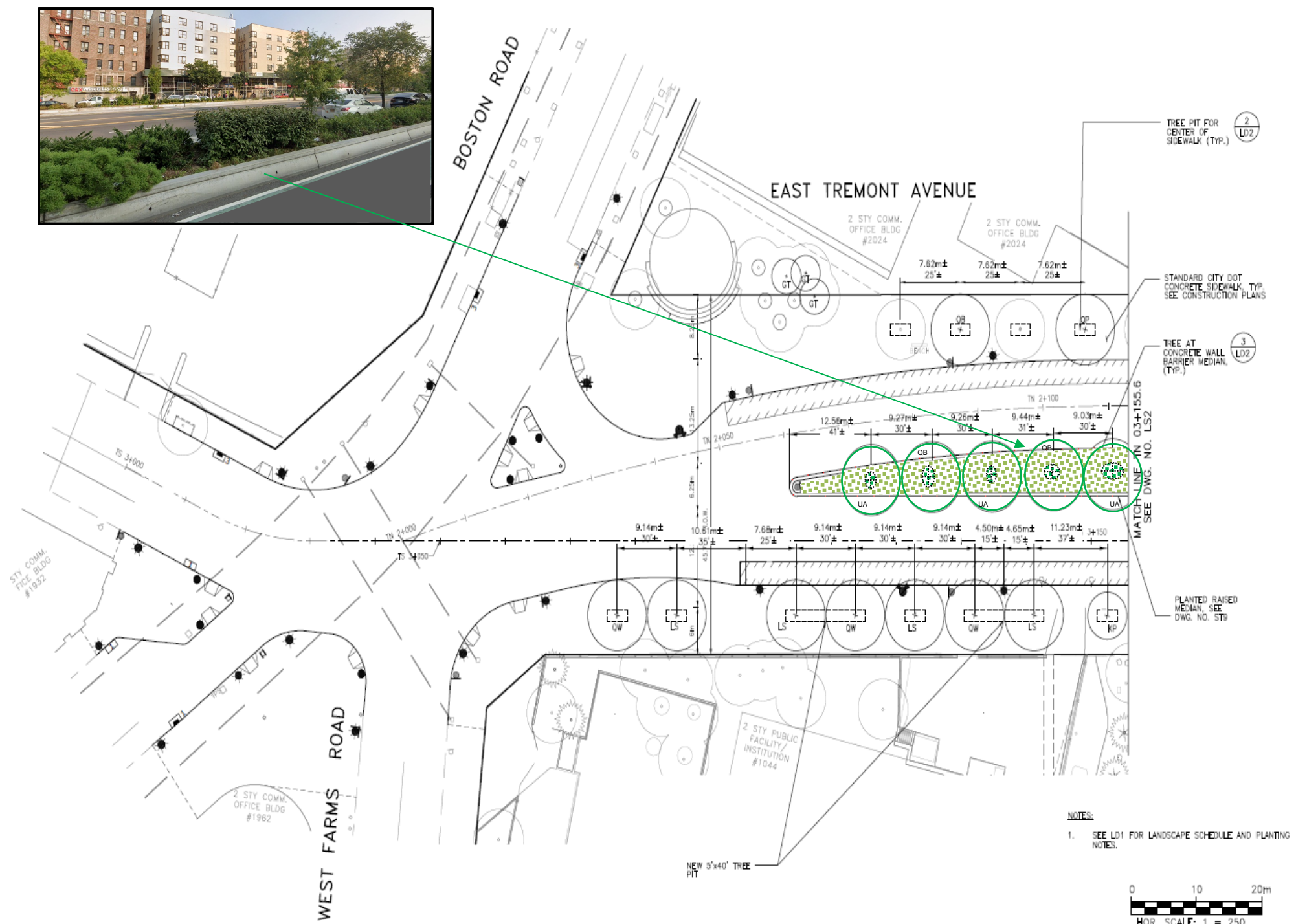
Approved – Infiltration Basins (IBs) throughout project area.






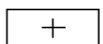
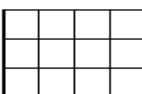



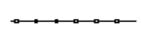







Landscaping Plan

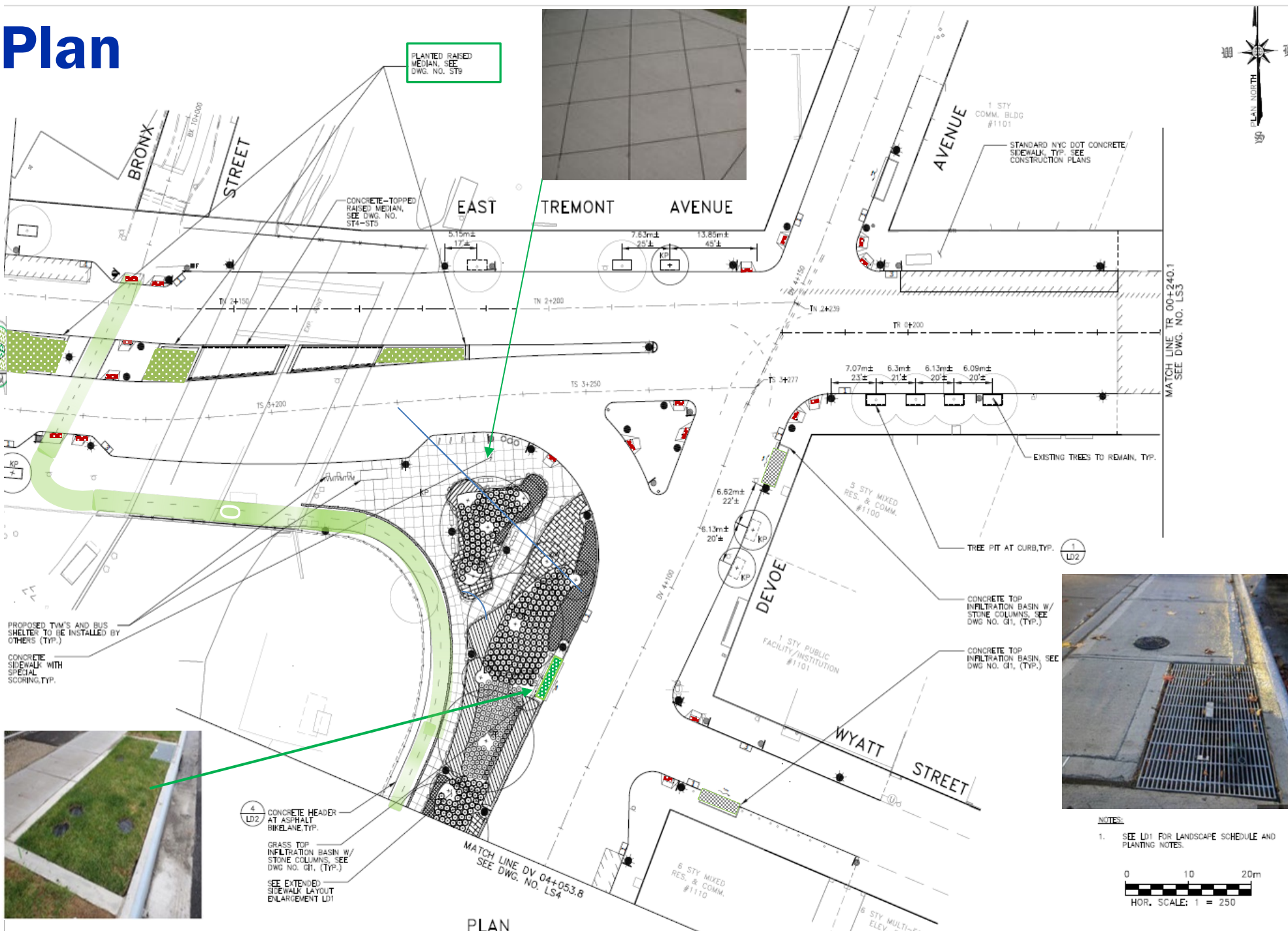


SYMBOL	DESCRIPTION
  EVERGREEN DECIDUOUS	EXISTING TREES
	PROPOSED TREES & SPECIES ###
	NEW 5'X10' TREE PIT
	5'X5' SCORING
	CITYBENCH 2.0 – BACKED
	CONCRETE-TOP INFILTRATION BASIN
	GRASS-TOP INFILTRATION BASIN
	PROPOSED PLANTING BED LOW FENCE – TYPE "D"
	PROPOSED PERENNIALS, GRASSES, AND GROUNDCOVERS QUANTITY & SPECIES LD4
	PROPOSED SHRUBS & SPECIES LD4
	PROPOSED TRASH RECEPTACLES
	PROPOSED BIKE RACKS (LARGE HOOP CITYRACK)



Landscaping Plan

LEGEND	
SYMBOL	DESCRIPTION
	EXISTING TREES
	
	PROPOSED TREES & SPECIES ###
	NEW 5'X10' TREE PIT
	5'X5' SC
	CITYBENCH 2.0 - BACKED
	CONCRETE-TOP INFILTRATION BASIN
	GRASS-TOP INFILTRATION BASIN
	PROPOSED PLANTING BED
	LOW FENCE - TYPE "D"
	PROPOSED PERENNIALS, GRASSES, AND GROUNDCOVERS QUANTITY & SPECIES LD4
	
	
	PROPOSED SHRUBS & SPECIES LD4
	PROPOSED TRASH RECEPTACLES
	PROPOSED BIKE RACKS (LARGE HOOP CITYRACK)



COMMUNITY OUTREACH

- **DDC's Office of Community Outreach + Notification (OCON)** works with CB's, BID's, local businesses, and other community stakeholders impacted by construction.
- DDC will assign a dedicated on-site Community Construction Liaison (CCL). The CCL information will be provided at the pre-Construction phase:

Field Office Hours: 7AM to 3:30PM

COMMUNITY OUTREACH (continued)

Community Construction Liaison (CCL) responsibilities are as follows:

- First point of contact, maintain on-site presence and communications
- Identify, resolve and/or proactively address issues and inquiries
- Distribute advisories and weekly construction activities newsletter
- Provide 72-hour and 24-hour (confirmation or cancellation) advisories for work impacts by email and door to door
- Attend community board monthly DSC meetings

How we communicate with you

NYC DDC


Besides having an on site CCL, we also have printed materials that are updated continuously, including:

- PROJECT INFORMATION CARD
- ADVISORY
- LOOK AHEAD WEEKLY BULLETIN
- QUARTERLY NEWSLETTERS

NYC DDC

Department of Design and Construction

Office of Community Outreach and Notification
Project Information Card
Queens



Sewer Upgrades on 42nd Avenue Between 204th Street and Clearview Expressway

Project Contact
Community Construction Liaison
Leo Jimenez
718-225-7007
c2@nyc.gov

Field Office Address
48-38 201st Street
Flushing, NY 11354

During non-working hours
Please call 311 and provide the Project ID: SEQ200569

Infused/Scope
We are upgrading infrastructure to ensure the delivery of necessary services.

Schedule
Spring 2018 - Summer 2019

Work Hours
Typical work hours will be: Monday-Friday: 7AM to 4PM

Construction Cost
\$2,870,545.79

General Contractor
Masphen Supply Co., LLC
S.E.I. Firm
St. Engineering, P.C.

Management Agency
NYC Department of Design and Construction

Sponsor Agency
NYC Department of Environmental Protection

Project Information
The purpose of the project is to mitigate flooding by installing new storm sewers and catch basins. Our work also includes the replacement of sanitary sewers. The project's designated work area is on 204th Street between the Dead End and 42nd Avenue, and 42nd Avenue Between 204th Street and Clearview Expressway.

NYC DDC

Department of Design and Construction

Office of Community Outreach & Notification

COMMUNITY ADVISORY

INSTALLATION OF DISTRIBUTION WATER MAINS AND APPURTENANCES ALONG SOUTHERN BOULEVARD
PROJECT#: HED553 BOROUGHS: The Bronx DATE: July 13, 2018

NO CURBSIDE PARKING
On Southern Boulevard (west side) between Jennings Street and Louis Nine Boulevard
Monday, 07/16/18 - Friday, 08/31/18
7-days a week 24-hours a day (including weekends)

Please be advised that beginning on or about Monday, July 16, 2018 through Friday, August 31, 2018 (weather and/or field conditions permitting), there will be "No Curbside Parking" on Southern Boulevard (west side) between Jennings Street and Louis Nine Boulevard due to the anticipated excavation and installation of the 48" Trunk Main.

Traffic/Community Impacts:

- "No Curbside Parking" restrictions will be in effect 7-days a week 24-hours a day (including weekends).
- "No Parking" signs will be posted by the contractor throughout the affected area.
- To avoid possible towing of your vehicle, please make note of the signs posted by the contractor throughout the affected area.
- Contact the CCL, Sonia Quinones, or the 42nd Precinct for the towing or relocation list.
- Emergency vehicles and Pedestrian access will be maintained at all times.
- Driveway access will be maintained at all times.
- On-site electric, telephone, and cable service will not be interrupted.
- Certain operations will be noisy; DDC will monitor operations and work within the DEP Noise Code regulations.

PLEASE NOTE: Due to unforeseen conditions (weather and/or field conditions permitting) it may become necessary to change some scheduled work locations and operations.

If you have any questions, concerns, or would like to be added to the electronic Neighborhood Notification Network (N3N) list, please contact the Community Construction Liaison (CCL), Sonia Quinones, at 718-822-0673, or by email at c2@nyc.gov

Bill de Blasio
Mayor

Alex Sarac
Acting Commissioner

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NYC DDC

Department of Design and Construction

Office of Community Outreach & Notification

WEEKLY CONSTRUCTION BULLETIN

08/06/18 - 08/10/18

Distribution Water Main Extension and Replacement PROJECT #: MED625 BOROUGHS: MANHATTAN DATE ISSUED: 08/03/18

The following is an anticipated work schedule for the upcoming week. However, due to unforeseen field and weather conditions, it may become necessary to change some scheduled work locations, operations and dates.

DATE	WORK HOURS	LOCATION	OPERATION
08/06/18-08/07/18	7:00 am-4:00 pm	East Side of Bowery Between Grand Street and Broome Street	Excavation for the purpose of water main replacement.
08/07/18	7:00 am-4:00 pm	South Side of West 14th Street Between 10th Ave and Washington Street	MPT setup.
08/08/18	8:00 am-4:00 pm	East Side of Bowery Between Grand Street and Delancy Street	Water shut down for the purpose of water main replacement.
08/08/18-08/09/18	7:00 am-4:00 pm	South Side of West 14th Street Between 10th Ave and Washington Street	Roadway excavation for the purpose of cobblestone restoration.
08/09/18-08/10/18	7:00 am-4:00 pm	East Side of Bowery Between Grand Street and Broome Street	Roadway restoration operations.
08/09/18-08/10/18	7:00 am-4:00 pm	South Side of West 14th Street Between 10th Ave and Washington Street	Utilities maintenance.

WATER SHUT-OFF NOTIFICATIONS: In addition to a 72-hour delivery, a prior 24-hour notification will be distributed / posted to any / all affected locations.

NO PARKING SIGNS: Will be distributed / posted 72 hours prior to the temporary elimination of street parking. Please observe posted parking regulations in construction areas.

FOR FURTHER INFORMATION: Contact Alexandra Gligli, the Community Construction Liaison at (646) 723-9925 or MEDE625CCL@gmail.com

Edi de Blasio
Mayor

Lorraine Gaillo
Commissioner

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Reconstruction Newsletter

Brooklyn

Installation of High Level Storm Sewer, Sanitary Sewer, Water Main

Brooklyn, Fresh Creek Basin Area

The NYC Department of Design and Construction (NYC DDC) is managing the High Level Storm Sewer, Sanitary Sewer, and Water Main Replacement Phase 2B Project (SE855) in the Fresh Creek area of Brooklyn. This \$55.8M capital improvement project commenced in Fall 2017 and will take place in Community Board #18 in Brooklyn.

The scope of work includes the installation of new high level storm sewers, replacement of sanitary, storm and combined sewers; replacement of water mains, catch basins, manholes, hydrants and chambers. Work is permitted (by DOT/DOCK) weekdays, 7:00 a.m. to 6:00 p.m., and anticipated project completion is Fall 2020.

This project will upgrade NYC infrastructure for generations to come by increasing the capacity of combined sewer overflow to reduce flooding. The replacement of water mains will also improve the distribution of water throughout the City and ensure the reliability of the water delivery system and help to prevent possible future water main breakages. We will also add hydrants. Project work also includes: additional catch basins, curbs, sidewalks, manholes, roadway re-surfacing, as needed and the planning. Each phase of work on this project is an important component that will ensure continued uninterrupted future services and better quality of life for all who live, work, and play in the community.

High Level Storm Sewers (HLSS) are one strategy for alleviating pressure on the combined sewer system and limiting CSD events. HLSS are designed to capture 50% of the rainfall, before it enters our pipes, and divert it directly into the waterways through permitted outfalls, reducing the volume of flows that pass through the treatment plants and the combined sewer system. In addition, they alleviate street flooding in problematic areas. But we cannot simply install these separated sewers at every site. Since they require a separate pipe and outlet to a waterbody, this strategy is only cost-effective for developments near the water's edge.


https://www.nyc.gov/html/ddc/html/stormwater/other_investments_bklyn.html

Anticipated Work Schedule: Summer 2018
Install 15" & 24" Combined Sewer on E. 108th Street from Farquhar Road to Stanley Avenue
Install 36" & 36" Combined Sewer on Stanley Avenue from E. 108th Street to Williams Avenue
Continue installation of Storm Sewer work on Glenwood Road from E. 96th Street to E. 101st Street
Install 12" & 20" Water Main on Stanley Avenue from E. 108th Street to Williams Avenue
CFA File Load Test - East 102nd Street

Work Performed to Date:
Installed 24", 18", & 15" Combined Sewer on E. 104th Street from Glenwood Road to Farquhar Road
Installed 15" & 18" Combined Sewer on E. 106th Street from Glenwood Road to Turnpike Ave (BMT E. 106th Street MTA Subway Station)
Installed 18" Combined Sewer on E. 102nd Street from Flutlands Avenue to Glenwood Road
Installed 15" & 18" Combined Sewer on E. 103rd Street from Glenwood Road to Farquhar Road
Installed new 42" Combined Sewer on Glenwood Road from E. 96th Street to E. 101st Street
Installed new 12" Water Main on Glenwood Road from E. 103rd Street to E. 102nd Street
Installed new 12" Water Main and Service Connections on E. 102nd Street from Glenwood Road to Flutlands Avenue

So far, about 90% of excavation and installation of the permanent water main and 20% combined sewer has been completed. The contractor has begun the installation of the High Level Storm Sewer work on Glenwood Road between E. 96th Street to E. 101st Street, which will continue through Fall 2018.

Project Map



Water Service Interruptions
During the course of the project there will be service interruptions. To allow water replacement, the existing water service must shut off by the water at either end of the section. Advance notice will be given for all planned interruptions. Water service will be restored at the end of the work day.

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Mayor

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PAST SCHEDULE

- October 2023 – 75% Design Plans Complete
- December 2023 – 100% Design Plans Approval
- January 2024 – Advertise Bid
- February 2024 – Bid Opening
- May 2024 – Award Contract
- Fall 2024 – Start Construction

Next steps:

CURRENT SCHEDULE

- Oct. 2023 to Feb. 2024 – Extended Design to Finalize and Approve
 - DOT Street/ Signalization/ OCMC plans.
 - Update Project Cost Estimates/ Address project cost shortfall.
- February 2024 – Design Completed
- Spring 2024– Design Bid Package Preparation/ Finalized
- Summer 2024 – BID Package sent to Legal for Review and Approval
- Fall 2024 – **BID Advertising** Date - Sept 20, 2024
- **BID Opening** - Nov. 16, 2024
- **Procurement Phase** (6-9-month duration) Ends with Project **Registration**
- **Pre-Award/ Award** Process (among Lowest, Responsible Bidders) - anticipated Spring/Early Summer 2025
- **NTP** - Notice To proceed: anticipated Late Summer/ Early Fall 2025
- **Pre-Construction** – Fall 2025 (30-90 days) Preliminary prep work
- **Construction** – Late Fall/Winter 2025 (Shovel in the Ground?)





Department of
Design and
Construction



THANK YOU

Eric Adams
Mayor

Thomas Foley
Commissioner

CHALLENGES

DEP Unified Stormwater Rule (USWR)

DEP USWR started February 2022 -- the E 177th St and Devoe Ave project triggers the rule because it disturbs more than one acre of soil

DEP USWR requires Post Construction Stormwater Mitigation Practices, a Stormwater Pollution Prevention Plan (SWPPP) and Erosion and Sediment Control (E&SC) Plan

(March 2022 – January 2023)

- Contract negotiation and registration for additional design services
- Contract registered January 2023; PCSMP Design, E&SC Design and SWPPP Report begun

Design Progress since January 2023:

- Mass Mailing 1.0 to Agencies and Private Utilities - April 2023
- Alignment Meeting - May 2023
- PCSMP Design, E&SC Design and SWPPP Report submitted to DEP - August 2023
- DEP comments - September 2023

BACKGROUND

Bronx River Alliance - Greenway Master Plan

- 23 mile Trail (8 miles in the Bronx from mouth at East River to border of Westchester County)
- From mouth at East River to border of Westchester County and divided into 5 Segments
- Segment A – East River to Bruckner Boulevard
- Segment B – Bruckner Boulevard to East Tremont Avenue
- Segment C – East Tremont Avenue to Pelham Parkway
- Segment D – Pelham Parkway to East 211th Street
- Segment E – East 211th Street to the City Line

