

Construction of Various Right of Way Green Infrastructures in the BB-05 & BB-08 CSO Tributary Areas

PROJECT ID: BB0502A

QNS Community Board 3
Virtual Full Board Meeting
Thursday, September 23, 2021 at 7PM

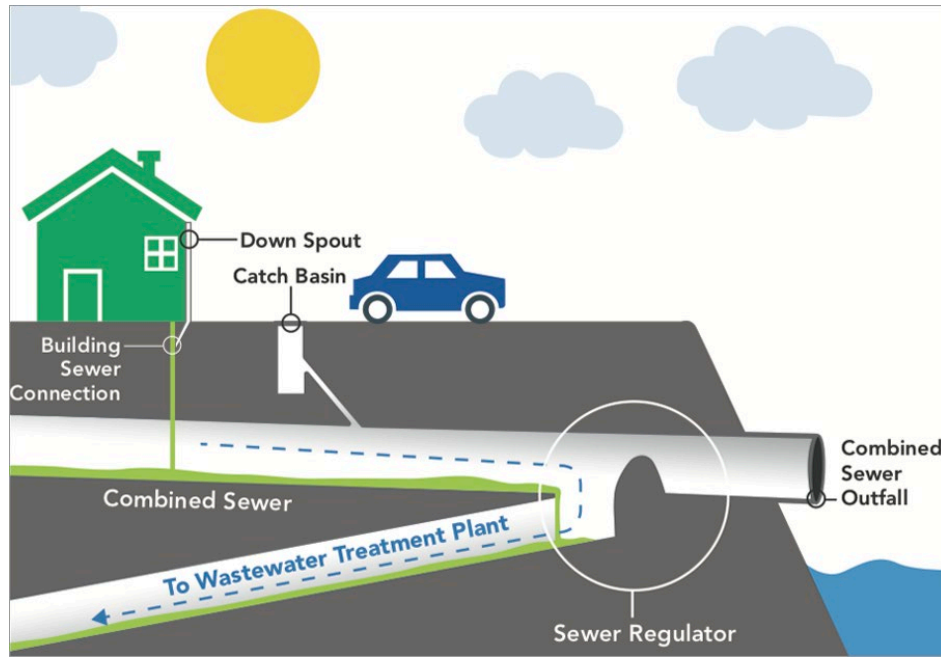
Project Data

Project ID:	BB0502A
Registration No.:	20211412694
Registration Date:	January 29, 2021
Anticipated Start:	October 2021
Anticipated Completion:	November 2022
Management Agency:	NYC Department of Design and Construction (DDC)
Sponsor Agency:	NYC Department of Environmental Protection (DEP)
R.E.I. Firm:	HNTB
General Contractor:	JR Cruz Corp.
Total Budget:	\$12,648,321.00

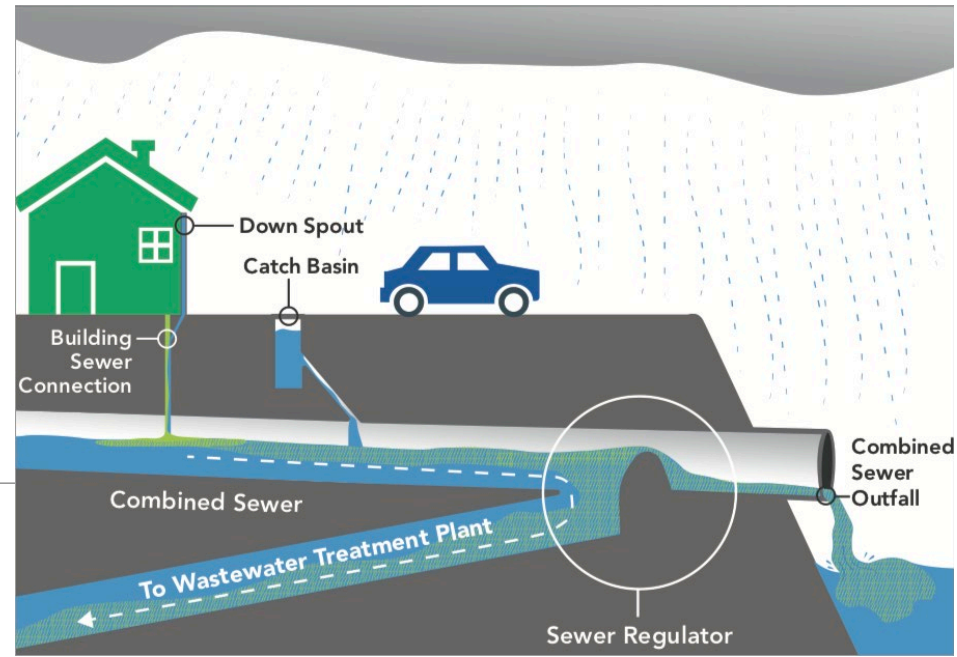
Why is the Project Necessary?

- About 60% of NYC has a combined sewer system, which is a single pipe that carries both stormwater runoff and sewage from buildings.
- Combined Sewer Overflow (CSO) has become a substantial issue.
- Stormwater runoff currently enters the city sewer system during heavy rains.
- Rain gardens capture stormwater runoff before it can drain into the combined sewer system, which protects the health of Jackson Heights, Elmhurst and Corona.
- Helps reduce the likelihood of any overflows.

Why is the Project Necessary? (cont.)



Dry Weather Conditions in the Combined Sewer System



Wet Weather Conditions in the Combined Sewer System

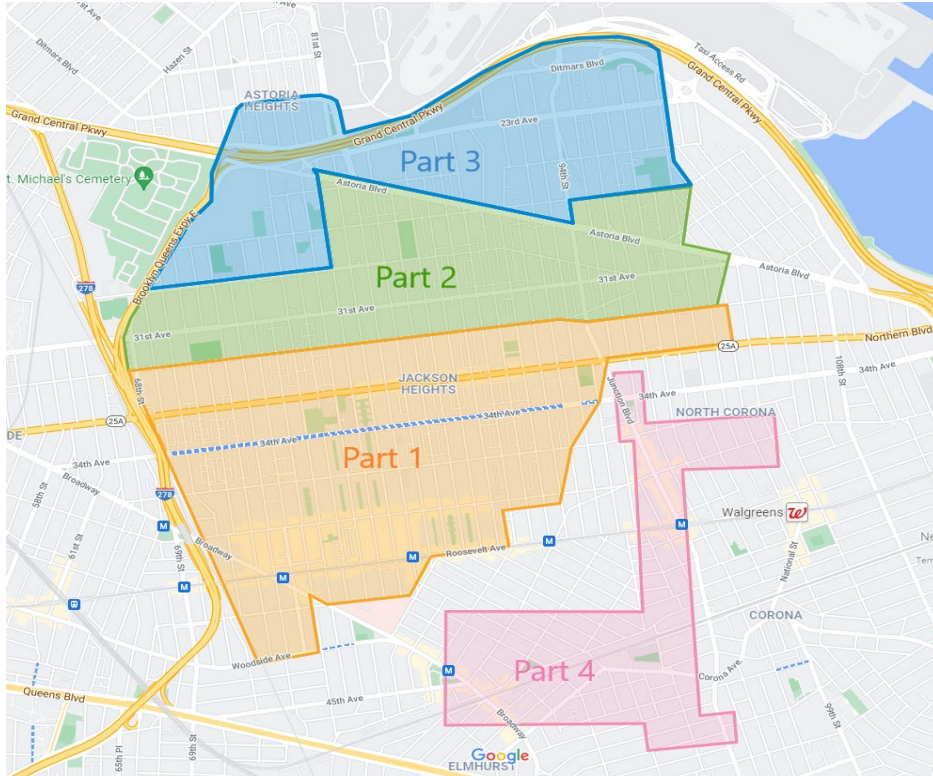
Benefits to the Community

- Promotes the natural movement of water by collecting and managing stormwater runoff from streets and sidewalks, directing it to engineered systems featuring soil, stones, and vegetation.
- Improves street drainage.
- Reduces temperatures.
- Improves water quality, beautify neighborhoods and improve air quality.

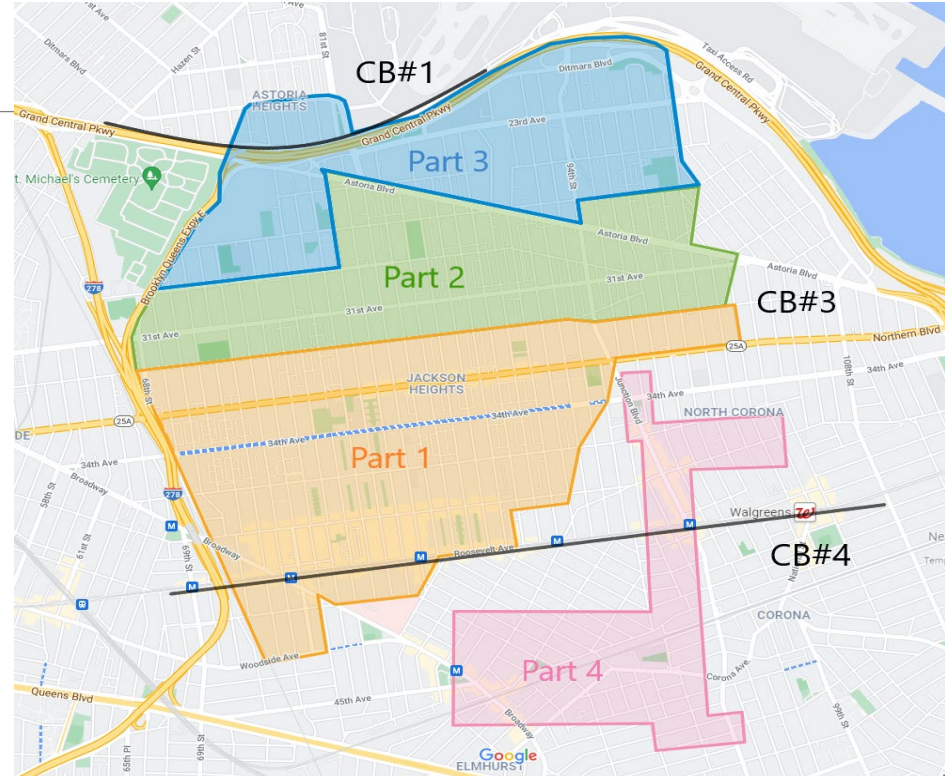


Constructed Rain Garden in Rego Park Queens, NY

Map of Affected Areas



Work area broken down into sections.



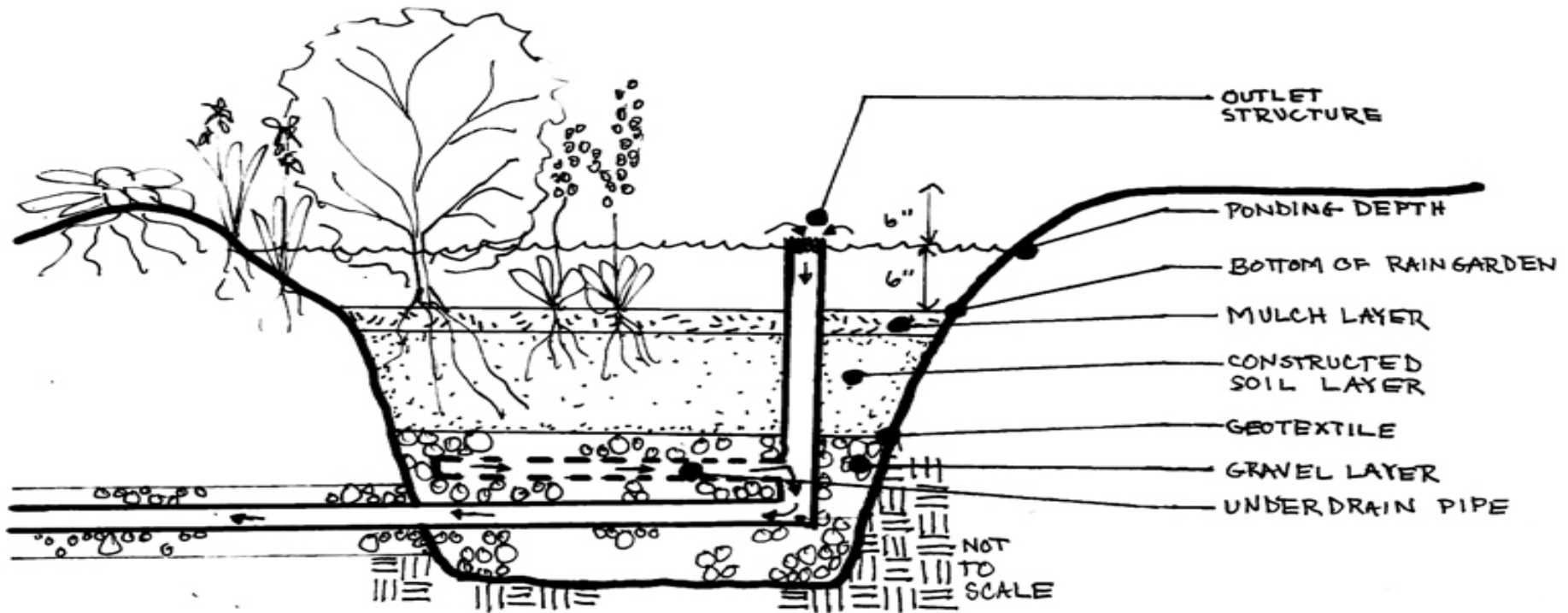
Work area with Community Board Districts.

Locations

- The green infrastructure assets will be installed in various locations in Astoria Heights, Jackson Heights, Elmhurst, East Elmhurst, Corona, and North Corona; within Community Boards 1, 3, and 4, Queens.
- Locations include:
 - 37th Ave. between 69th St. and 91st St.
 - 35th Ave. between 69th St. and 92nd St.
 - 34th Ave. between 69th St. and 93rd St.
 - 31st Ave. between 68th St. and Astoria Blvd.
 - 30th Ave. between 83rd St. and 31st Ave.
 - Vaughn College on Ditmars Blvd. and 23rd Ave.
 - Various other locations within work parameters

Rain Garden Diagram





Rendition of Rain Garden



Examples of Rain Gardens

GREEN INFRASTRUCTURE COMPONENTS

INFILTRATION BASIN

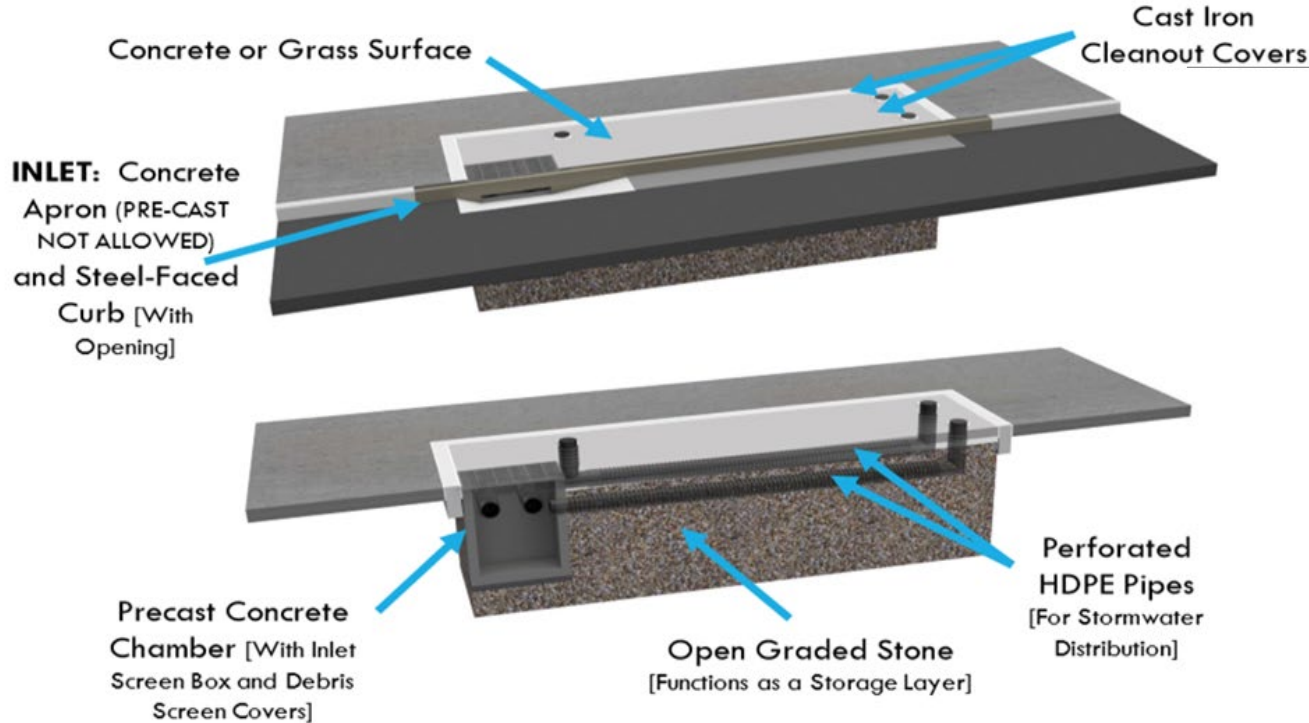


Diagram of an Infiltration Basin (IB)



Infiltration Basins are designed to collect rainwater beneath a surface that closely mimics its surroundings, like grass or concrete.



They are similar in functionality to Rain Gardens.

Infiltration Basins

Completed Concrete and Grass Top Infiltration Basins



Stormwater Greenstreets



- Stormwater Greenstreets, like Rain Gardens, are planted areas designed to collect and manage stormwater that runs off the streets and sidewalks.
- Stormwater Greenstreets are typically constructed in the roadway, are usually larger than rain gardens, and have varying lengths, widths and soil depths based on the characteristics of the existing roadway.

How Does DEP Care for Rain Gardens?



- DEP inspects the rain gardens at least once a week.
- Removes litter and sediment that stormwater may have carried in.
- DEP also pulls weeds, prunes trees and shrubs, and monitors plants to make sure they are thriving.
- The community can get involved by volunteering as a Harbor Protector, to keep the neighborhoods clean and pollution out of the waterways.
- Volunteers can visit <https://www1.nyc.gov/site/dep/whats-new/harbor-protectors.page>
- DEP's FAQ: <https://www1.nyc.gov/site/dep/water/rain-gardens.page>



Community Impacts and Mitigation

SPECIAL NEEDS

- DDC field staff will work with those individuals to minimize certain inconveniences.
- Anyone with special circumstances should contact the Community Construction Liaison (CCL).
- We strive to minimize construction impacts and maintain a safe and well-kept project work site.

Community Outreach

- DDC has assigned **Michelle Arfeen** as the dedicated on-site Community Construction Liaison (CCL).
- The CCL can be reached at:
 - Email: GIBB0502Accl@gmail.com
 - Phone #: 718-784-5570
 - Field Office: 47-45 39th St., Long Island City, NY 11104

Keeping You Informed.

The CCL not only addresses concerns and responds to inquires from the community, but also attends meetings as needed and distributes project related materials to keep the community informed and notified.

PROJECT INFORMATION CARD (PIC)

ADVISORIES

WEEKLY LOOK AHEAD BULLETIN

QUARTERLY NEWSLETTERS

Department of Design and Construction
Office of Community Outreach and Notification
Project Information Card
Queens

Project Contact:
Community Connection Liaison
718-224-0200
communityconnect@nyc.gov

Field Office Address:
100 West 11th St, NY 10011
During out-reach hours
please call 311 and provide
the Project ID: 1602024

Project Information:
This project is a green infrastructure project that will be installed in the Bronx. The project will be installed in the Bronx. The project will be installed in the Bronx.

General Contractor:
NYC Dept of Design and Construction (DDC)

R.E.P. Firm:
NYC DDC

Management Agency:
NYC Dept of Design and Construction (DDC)

Sponsor Agency:
NYC Department of Environmental Protection (DEP)

Work Hours:
Monday 10:00 AM - 5:00 PM
Tuesday 10:00 AM - 5:00 PM
Wednesday 10:00 AM - 5:00 PM
Thursday 10:00 AM - 5:00 PM
Friday 10:00 AM - 5:00 PM

Construction Cost:
\$15,000,000

Department of Design and Construction
Office of Community Outreach & Notification

COMMUNITY ADVISORY

INSTALLATION OF DISTRIBUTION WATER MAINS AND APURTINANCES ALONG SOUTHERN BOULEVARD
PROJECT #: HED553 BOROUGH: 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 (including any fall 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" Water Main.

Work/Construction Impact:

- No Curbside Parking restrictions will be in effect 24-hours a week (including weekends and holidays) on the west side of Southern Boulevard between Jennings Street and Louis Nine Boulevard.
- The "No Parking" signs will be posted by the contractor throughout the affected area.
- 1-way streets facing the affected area will be converted to 2-way streets.
- Delivery vehicles and trucks will be restricted to the installation of the water main.
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Please Note: Due to unforeseen conditions (weather and/or field conditions permitting), it may become necessary to change some scheduled work locations, operations and dates.

If you have any questions, comments, or would like to be added to the electronic Neighborhood Notification System (NNS), please contact: Community Connection Liaison (CCL) Sarah Quinones at 718-822-0679, or by email at communityconnect@nyc.gov

Be On-Call Mayor **Alex Diaz** **Acting Commissioner** www.nyc.gov/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 #: HED533 BOROUGH: 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 14 th Street between 10 th Ave and Washington Street	MFT Setup.
08/08/18 - 08/09/18	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.
08/09/18 - 08/09/18	7:00 am - 4:00 pm	South Side of West 14 th Street between 10 th Ave and Washington Street	Ready-to-restart operations for the purpose of water main replacement.
08/09/18 - 08/10/18	7:00 am - 4:00 pm	East Side of Bowery between Grand Street and Broome Street	Ready-to-restart operations.
08/09/18 - 08/10/18	7:00 am - 4:00 pm	South Side of West 14 th Street between 10 th Ave and Washington Street	Utilities maintenance.

WATER SHUT-OFF NOTIFICATION: Notification to a 12-hour advance, a one 24-hour notification will be distributed / posted to any / affected businesses.

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

FOR PARTNER INFORMATION: Contact Alexandra Singh, the Community Connection Liaison at (917) 123-9929 or communityconnect@nyc.gov

Ellido Diaz **Lorraine Gulo** **Mayor** **Commissioner** www.nyc.gov/ddc

Department of Design and Construction
Office of Community Outreach & Notification

Reconstruction Newsletter

Brooklyn, Fresh Creek Basin Area

Project SE855/ Phase 2B

Work Performed to Date:
Completed 10" x 12" Combined Sewer on E. 104th Street from Green Street to Furgate Street.
Completed 10" x 12" Combined Sewer on E. 105th Street from Furgate Street to Furgate Street.
Completed 10" x 12" Combined Sewer on E. 106th Street from Furgate Street to Furgate Street.
Completed 10" x 12" Combined Sewer on E. 107th Street from Furgate Street to Furgate Street.
Completed 10" x 12" Combined Sewer on E. 108th Street from Furgate Street to Furgate Street.
Completed 10" x 12" Combined Sewer on E. 109th Street from Furgate Street to Furgate Street.
Completed 10" x 12" Combined Sewer on E. 110th Street from Furgate Street to Furgate Street.

High Level Storm Sewers (HLSS) are on strategy for
completion 25% of the total, before a return to open, and street it directly into the waterway through permitted conduits, reducing the risk of street flooding through the waterway. The HLSS will be installed through the waterway and will be installed through the waterway. The HLSS will be installed through the waterway and will be installed through the waterway.

Anticipated Work Schedule: Summer 2018
Completed 10" x 12" Combined Sewer on E. 109th Street from Furgate Street to Furgate Street.
Completed 10" x 12" Combined Sewer on E. 110th Street from Furgate Street to Furgate Street.
Completed 10" x 12" Combined Sewer on E. 111th Street from Furgate Street to Furgate Street.
Completed 10" x 12" Combined Sewer on E. 112th Street from Furgate Street to Furgate Street.
Completed 10" x 12" Combined Sewer on E. 113th Street from Furgate Street to Furgate Street.
Completed 10" x 12" Combined Sewer on E. 114th Street from Furgate Street to Furgate Street.

Water Service Information:
During the period of the project there will be service interruptions to water service. Please contact your water utility provider for more information. Water service will be restored at the end of the work.

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NYC DDC
Department of Design and Construction
www.nyc.gov/ddc

THANK YOU

We appreciate your patience and cooperation while we build
NYC's Green Infrastructure.

Please email GIBB0502Accl@gmail.com with any questions/concerns.