

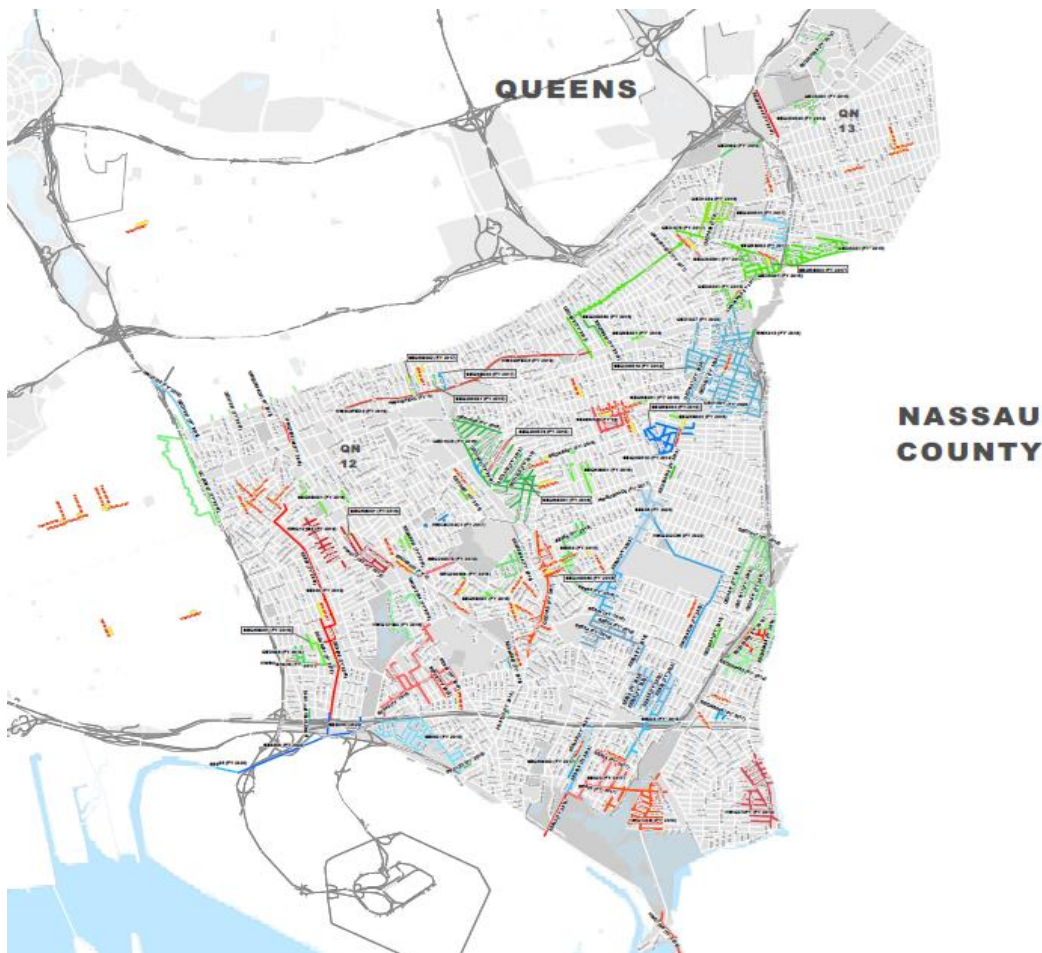
Queens Borough Cabinet

Update on Infrastructure Projects Including Southeast Queens Initiative

Donovan Richards Jr.
Queens Borough President

Southeast Queens Initiative

- \$2.8 billion public investment
- Upgrade and improve infrastructure
- Expand storm sewer system
- Approximately 44 projects
- Significant improvements to southeast Queens neighborhoods



Scope of Work

- Distribution water mains
- Trunk water mains
- Sanitary sewers
- Storm sewers
- Manholes and catch basins
- Chambers
- Curbs and sidewalks
- Roadway restoration

CONSTRUCTION PHASES

There are many phases during the **lifecycle of a project**.

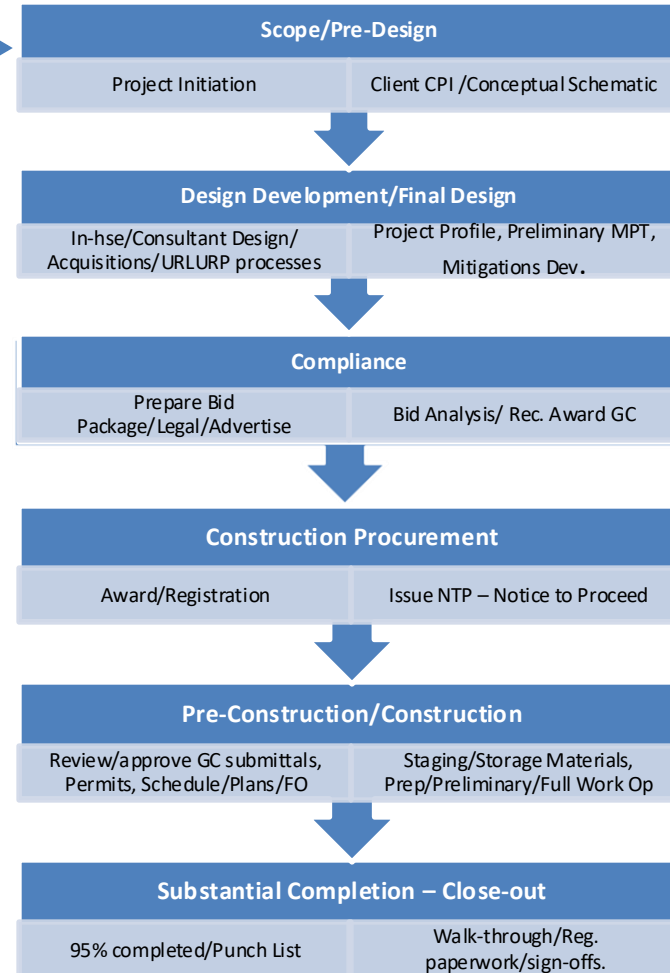
Project design and construction timelines can vary depending on project type/scope of work.

Scope of work and complexity determines the construction project durations, which vary.

Projects are rated as High to Low Impact. High-impact projects are assigned on-site Liaisons.

PROJECT STATUS

Completion percentages range from: 0-25%, 25-50%, 50-75%, 75-100%

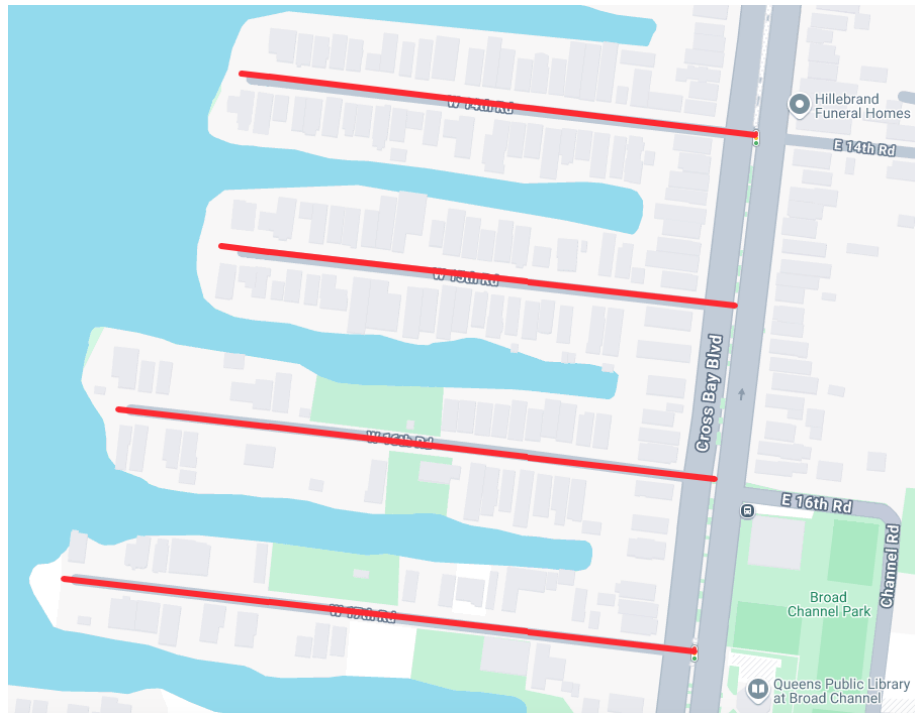


Projects in Construction

HWQ1182B Broad Channel Phase Two Street Raising and Bulkheads

Scope of work

- Replace water mains
- Replace sanitary sewers
- Install new storm sewers
- Install new fire hydrants
- Construct new bulkheads
- Raise streets
- Install shared sidewalks



HWQ1182B Broad Channel Street Raising and Bulkheads

Construction timeline

- Summer 2020 – Fall 2024

Construction cost

- \$56 million



Vladimir Poux

Community Construction Liaison
(CCL)

347-727-7364

BroadChannelPh2CCL@gmail.com

HWQ1182B Broad Channel Phase Two Street Raising and Bulkheads

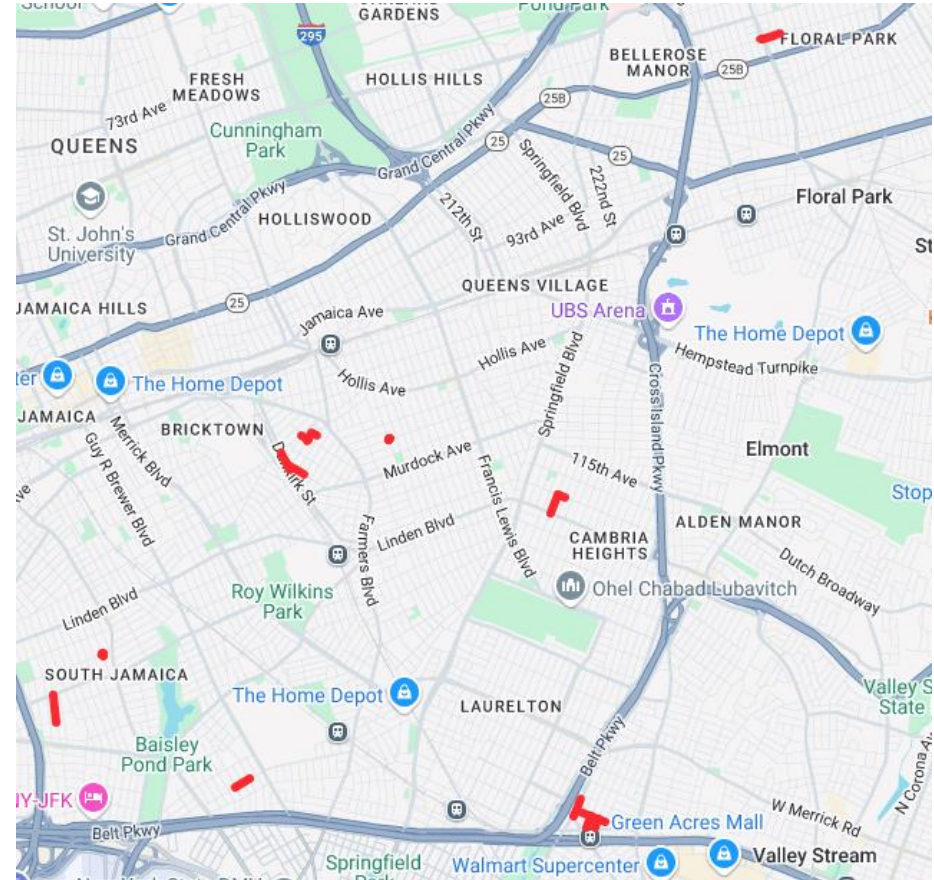


SEQNS004

Southeast Queens

Scope of work

- Construct new storm sewers
- Replace water mains
- Replace sanitary sewers
- Install catch basins
- Restore road surface



SEQNS004 Southeast Queens

Construction timeline

- Fall 2022 – End of 2024

Construction cost

- \$17 million

(total for 9 sites in Queens)



Fawad Younus
Community Construction Liaison
(CCL)

347-626-7289

seqns004CCL@gmail.com

SEQNS004

Brookville Boulevard



SEQNS004

Brookville Boulevard

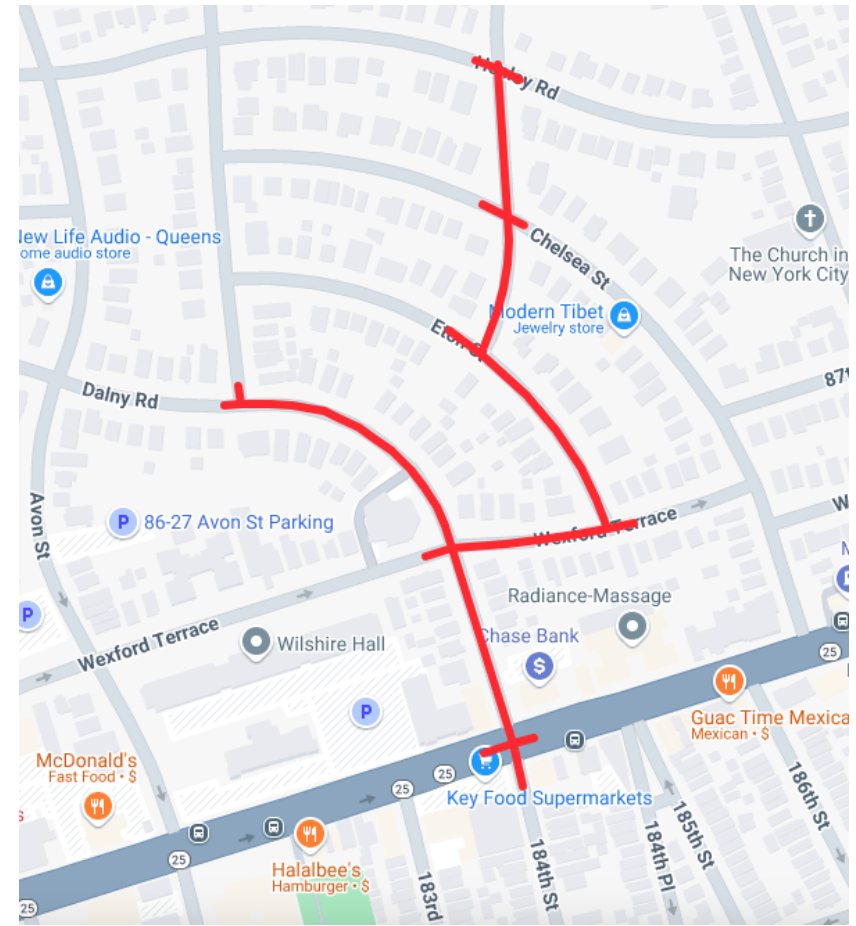


SEQ200558

Jamaica Estates

Scope of work

- Construct new storm sewers
- Replace water mains
- Replace sanitary sewers
- Install catch basins
- Install porous pavement
- Restore road surface



SEQ200558

Jamaica Estates

Construction timeline

- Spring 2023 – End of 2024

Construction cost

- \$13 million



Gina Modoo
Community Construction Liaison
(CCL)
917-832-8935
EtonStreetCCL@gmail.com

SEQ200558

Jamaica Estates



SEQ200558

Jamaica Estates

The New York Times

STREET WARS

The Secret Weapon to Fight Flooding Is Hidden in Plain Sight

It looks like and feels like a regular street. But beneath the surface, six layers are working to keep rainwater from overwhelming New York City neighborhoods.



Listen to this article · 10:52 min [Learn more](#)



Share full article



39



SEQ200558

Jamaica Estates

Building for you



Русский Translate Text-Size



Porous Pavement

The warming climate is causing sea levels to rise and storms to worsen, and this had led to more frequent flooding with more damaging effects throughout New York City. DDC is working on several projects that will help the City counter this issue, such as our coastal resiliency projects in Manhattan and Brooklyn. One of our main methods of reducing flooding is through the construction of green infrastructure, which DDC is working alongside the Department of Environmental Protection (DEP) to build.

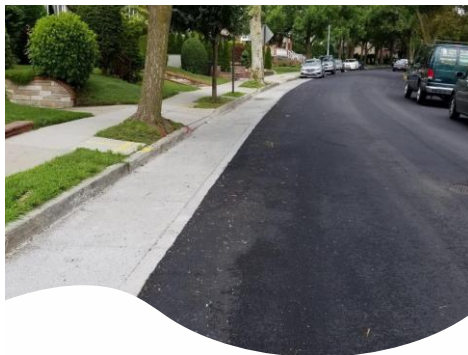
Green infrastructure is a network of infrastructure that collects stormwater from streets and other hard surfaces and allows it to be absorbed naturally. By keeping stormwater from reaching the catch basins that lead to the City's sewer system, the likelihood of the sewers themselves overflowing is drastically reduced. Green infrastructure also helps to keep temperatures down during hot weather and reduces the amount pollution that reaches our waterways. There are many types of green infrastructure including rain gardens, green and blue roofs, and porous pavement.

Porous pavement allows stormwater to be naturally absorbed into the ground, rather than pooling on the street or flowing into the sewer system. The pavement itself is mixed without the smaller aggregate present in traditional pavement, and liquid can easily pass through the holes in the larger aggregate. This helps to prevent flooding and reduces the chance of icy conditions forming on the road. Despite the difference in permeability, porous pavement can be walked on, parked on, or driven over without issue.

<https://www.nyc.gov/site/ddc/resources/features/porous-pavement.page>

SEQ200558

Jamaica Estates



Porous Pavement in NYC

The New York City Department of Environmental Protection (DEP) is building porous pavement and other types of green infrastructure to manage stormwater in local waterways.

Porous pavement is special roadway paving that is designed to collect and manage stormwater that runs off the streets and sidewalks when it rains.

Green infrastructure is a cost-effective way to help create a sustainable New York City.

- ✓ Reduces temperature during hot weather
- ✓ Improves street drainage
- ✓ Reduces puddles and ponds
- ✓ Reduce pollution to New York City waterways



nyc.gov/greeninfrastructure

NYC Green Infrastructure



WANT TO LEARN MORE?

Visit our website for additional information and a map of rain garden locations at nyc.gov/greeninfrastructure

Call 311 anytime or call us directly at (718) 595-7599

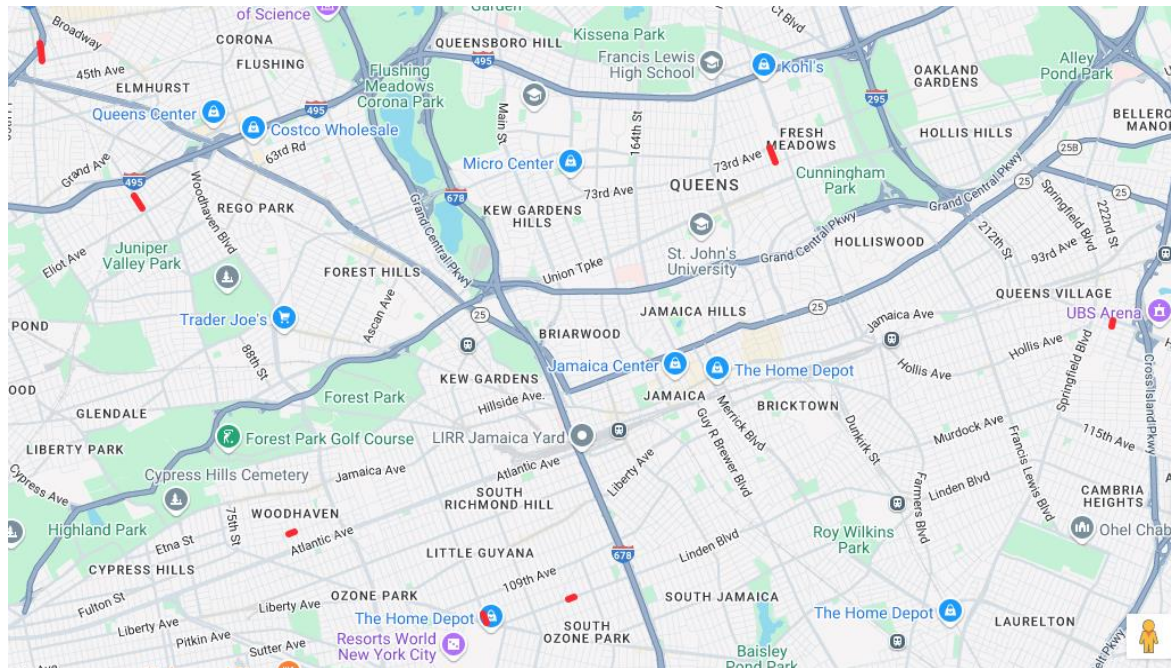
You can also email us at RainGardens@dep.nyc.gov

<https://www.nyc.gov/assets/dep/downloads/pdf/water/stormwater/green-infrastructure/porous-pavement-in-nyc-brochure.pdf>

HWTRQX1 Trench Restoration

Scope of work

- Restore trench
- Reconstruct roadways
- Replace curbing
- Replace sidewalks
- Install rain garden



HWTRQX1 Trench Restoration Multiple Locations

Construction timeline

- Fall 2022 – End of 2025

Construction cost

- \$15 million
(total for 8 sites
in Queens and the Bronx)

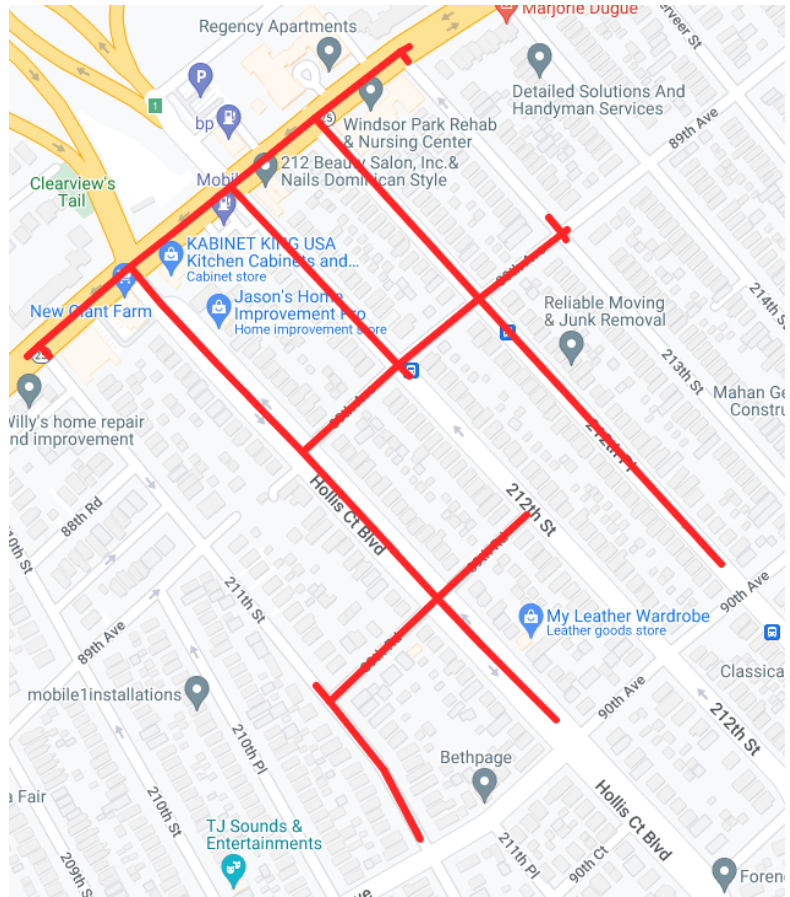
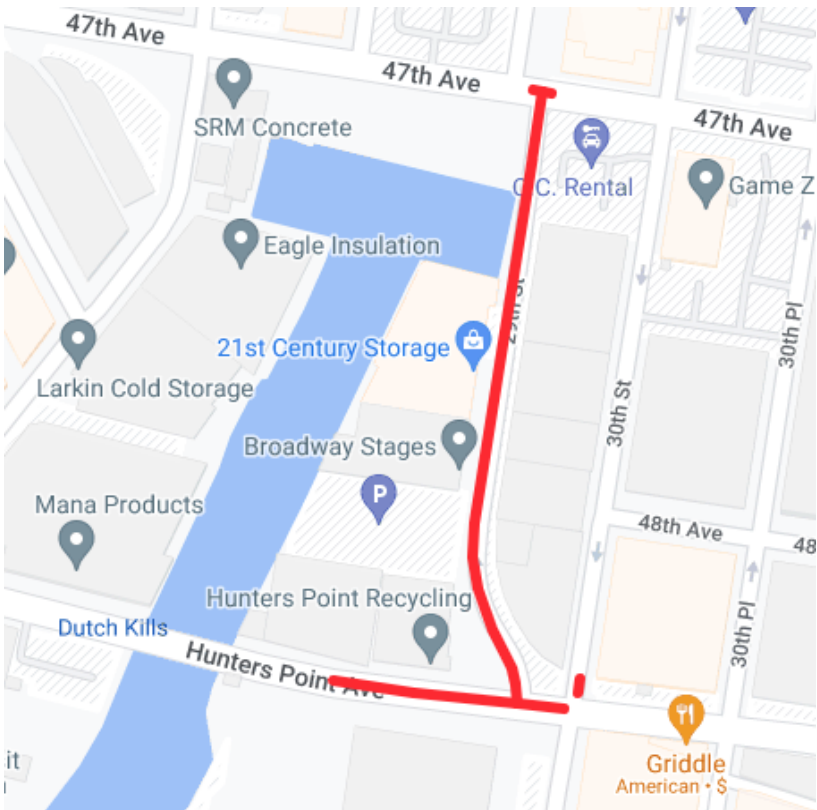


Christopher Taylor
Community Construction
Liaison (CCL)
631-593-2601
hwtrqx1ccl@gmail.com

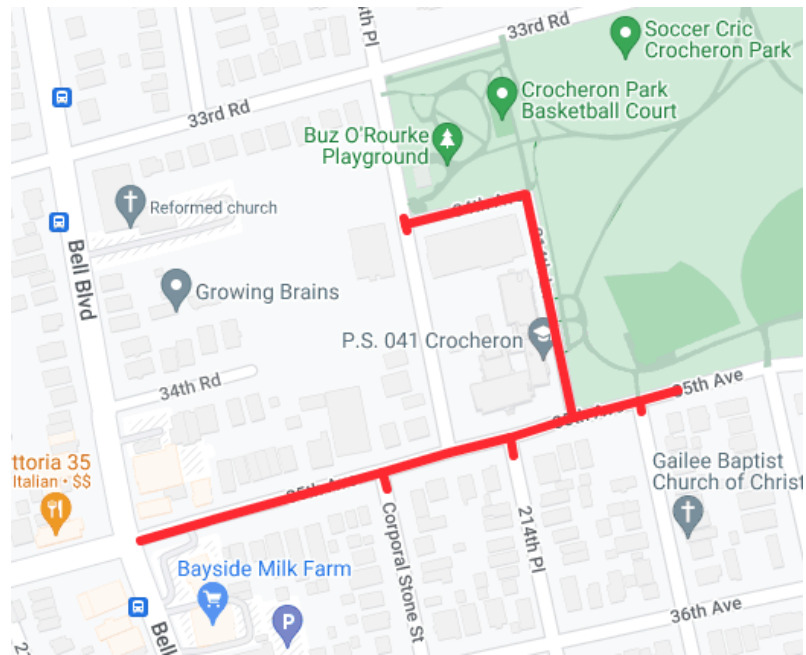
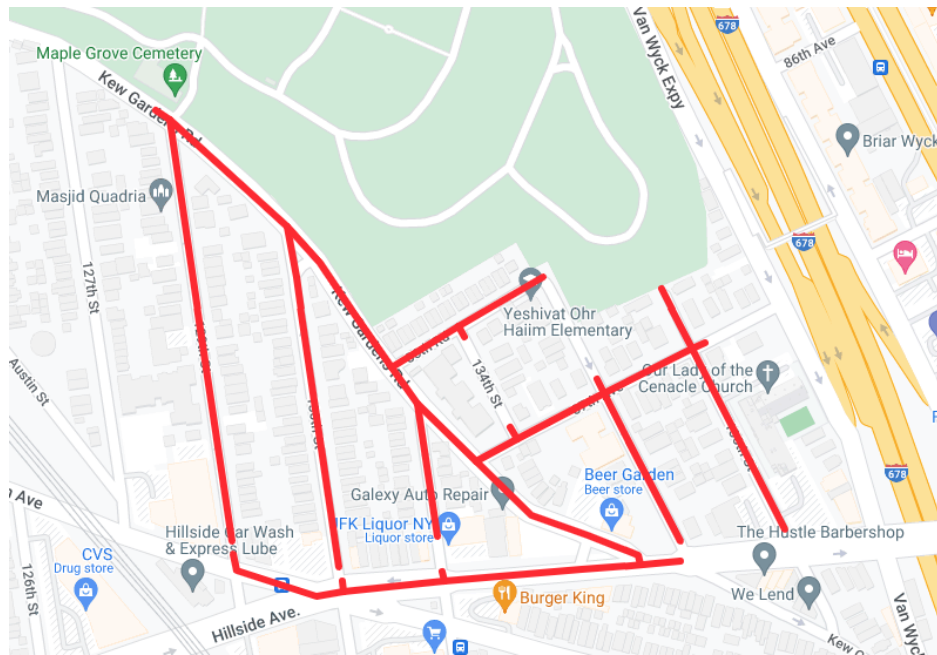
HWTRQX1 Trench Restoration 70th Street & Woodside Avenue



QED1059 Water Mains



QED1059 Water Mains



QED1059 Water Mains

Construction timeline

- Spring 2024 – Spring 2026

Construction cost

- \$23 million

Scope of work

- Install water mains

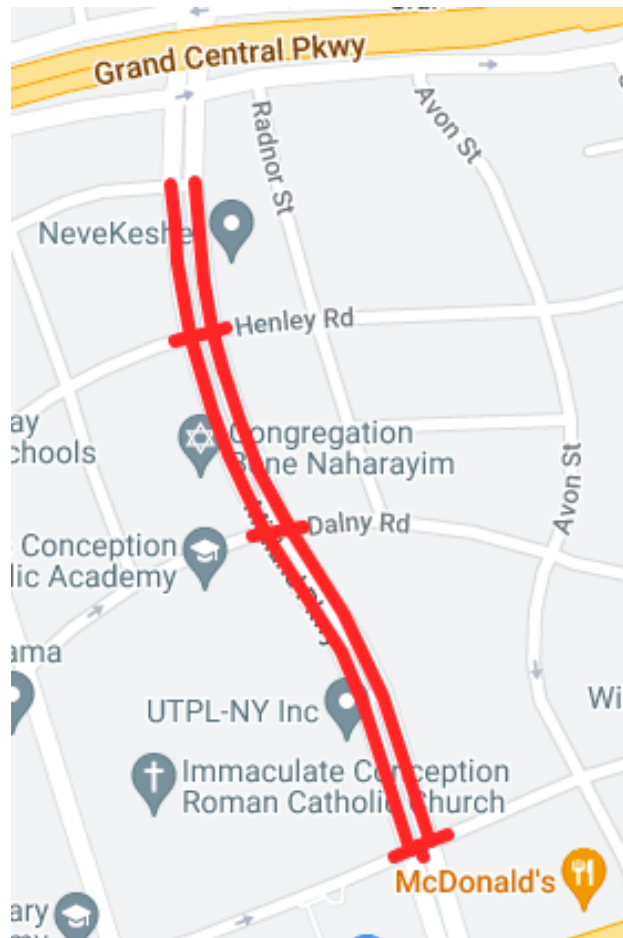
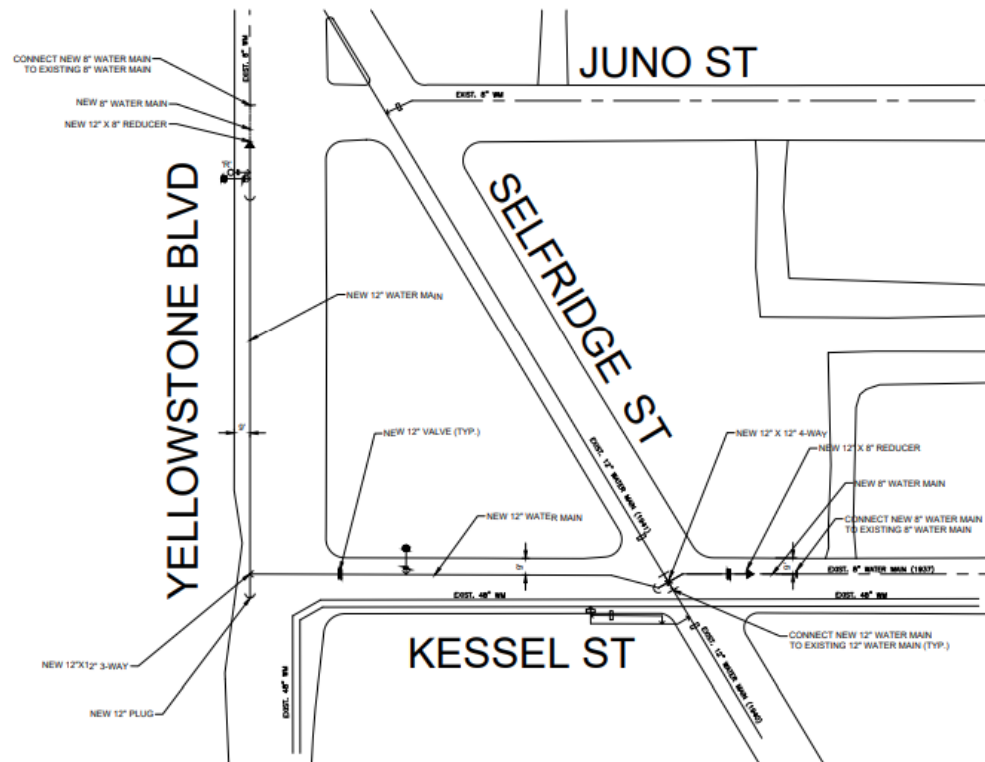


Iva M. Christie
Community Construction Liaison
(CCL)

347-392-4830

QED1059CCL@GMail.com

RED394 Distribution Water Mains



RED394 Distribution Water Mains

Anticipated construction timeline

- Spring 2024 – End of 2025

Construction cost

- \$17 million

Scope of work

- Install water mains



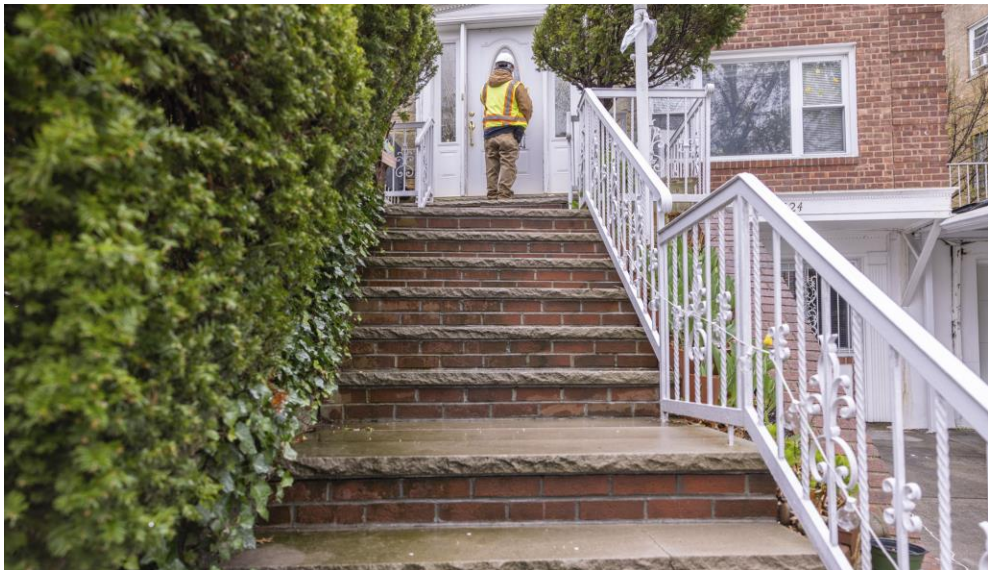
Frank Lurito

Community Construction Liaison
(CCL)

718-447-6369

RED394CCL@GMail.com

RED394 Distribution Water Mains

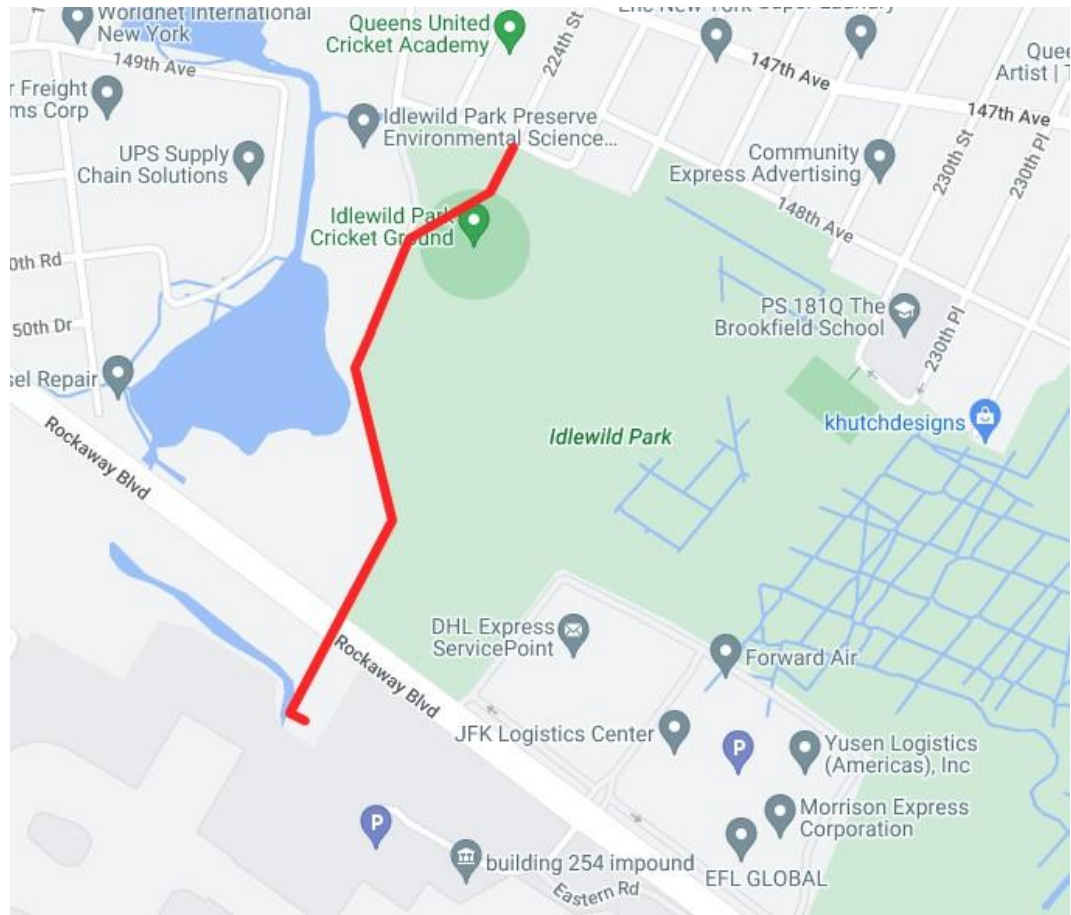


SE-842A1

Storm Sewer Outlet

Scope of work

- Install storm sewer with connection to existing outlet



SE-842A1 Storm Sewer Outlet

Anticipated construction
timeline

- Spring 2024 – End of 2026

Construction cost

- \$95 million



Manzur Alam
Community Construction Liaison
(CCL)
914-760-9442
SE842A1CCL@GMail.com

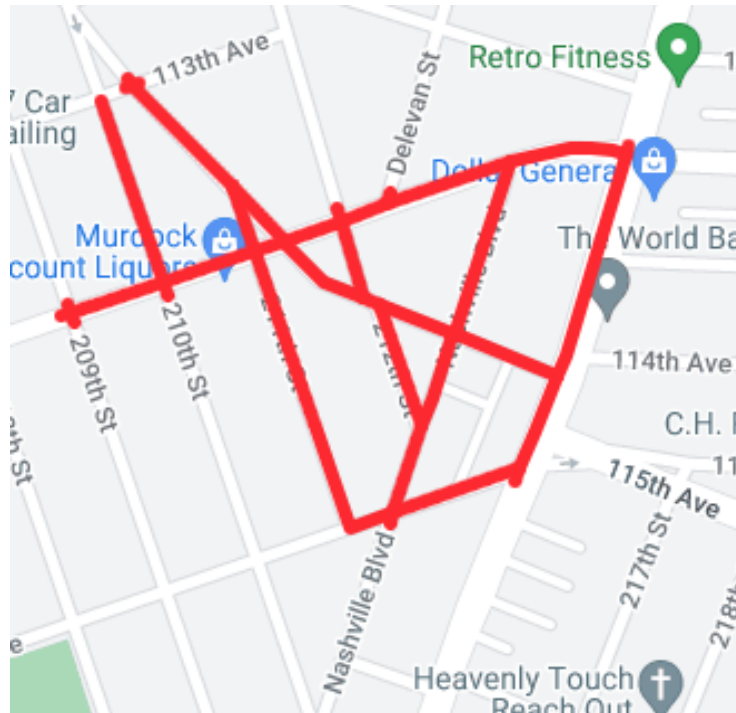
SE-842A1 Storm Sewer Outlet



SEQNS003 Queens Village

Scope of work

- Install new storm sewers
- Replace sanitary sewers
- Replace water mains
- Add green infrastructure



SEQNS003 Queens Village

Anticipated construction timeline

- Spring 2024 – Fall 2026

Construction cost

- \$32 million



Essam Gawish
Community Construction Liaison
(CCL)

718-347-0591

SEQNS003CCL@GMail.com

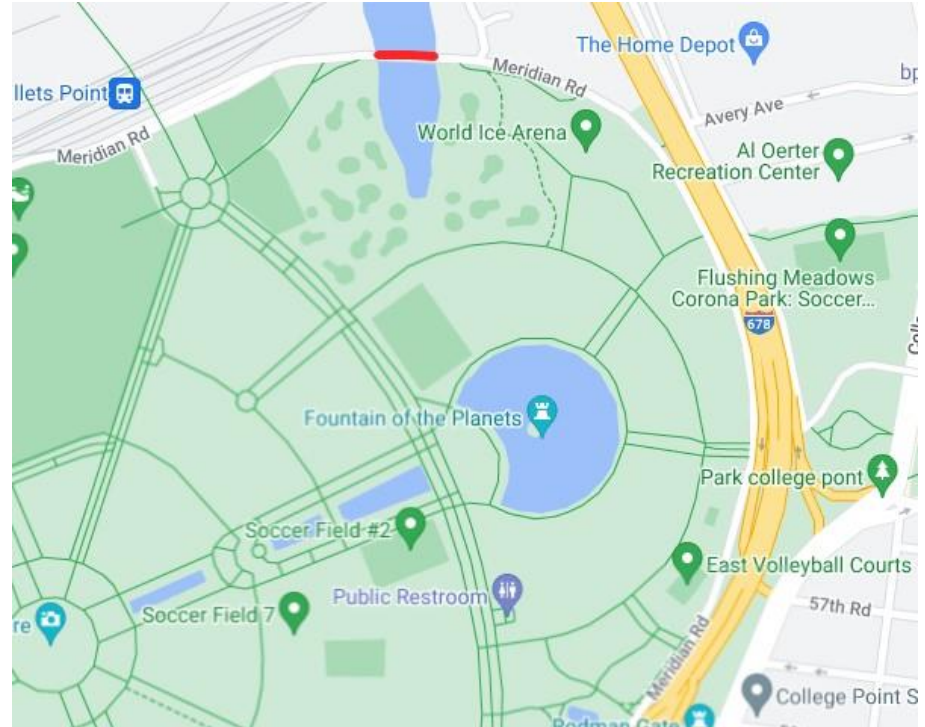
SEQNS003 Queens Village



HBPED800Q Tide Gate Bridge in Flushing Meadows Corona Park

Project scope

- Reconstruct and widen bridge
- Replace mechanical flood control structures
- Install automated tide and sluice gates



HBPED800Q Tide Gate Bridge in Flushing Meadows Corona Park

Anticipated construction timeline

- Spring 2024 – Summer 2027

Construction cost

- \$41 million



Karen Flores

Community Construction Liaison
(CCL)

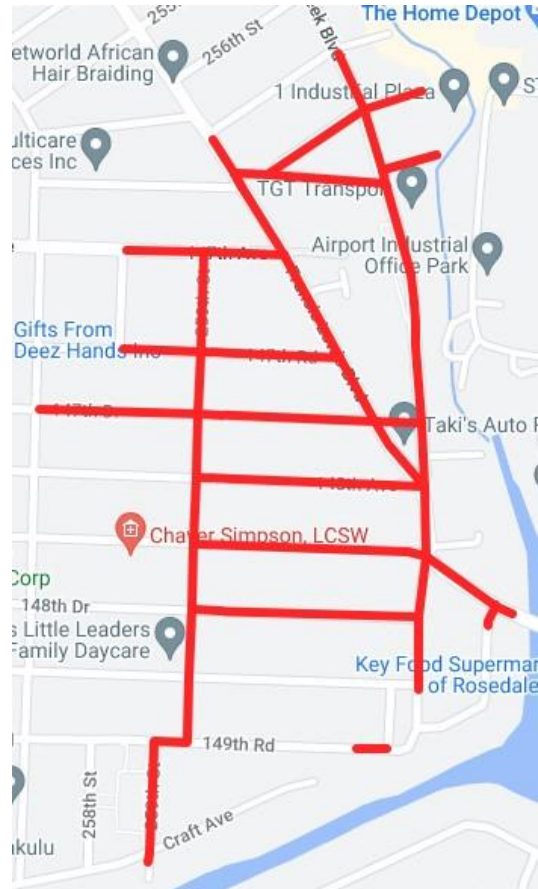
347-507-0482

TideGateBridgeCCL@GMail.com

HWQ274F2 Rosedale

Scope of work

- Upgrade roadways, sidewalks, curbs
- Replace bus pads
- Install streetlights and traffic signals
- Replace storm and sanitary sewers
- Replace water mains



HWQ274F2 Rosedale

Anticipated construction timeline

- Summer 2024 – End of 2026

Construction cost

- \$61 million



Latisha James

Community Construction Liaison
(CCL)

212-884-2873

RosedalePh2@GMail.com

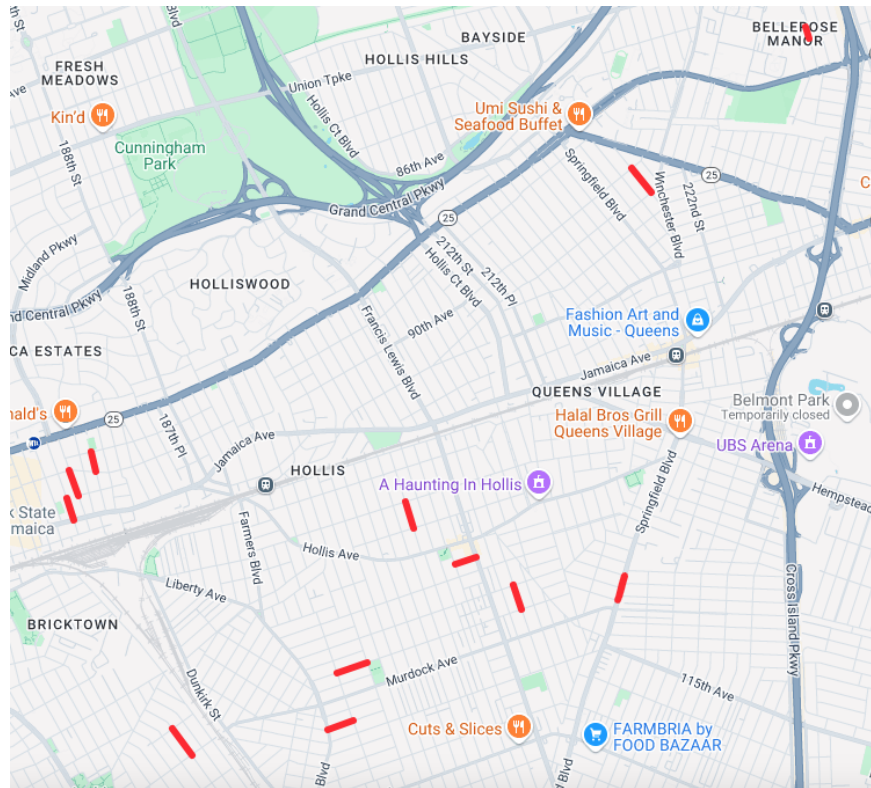
HWQ274F2 Rosedale



SEQPGRD1 Southeast Queens

Scope of work

- Reconstruct roadways
- Replace water mains
- Replace sanitary sewers
- Install raised crosswalks



SEQPGRD1 Southeast Queens

Anticipated construction timeline

- Fall 2024 – End of 2026

Construction cost

- \$38 million

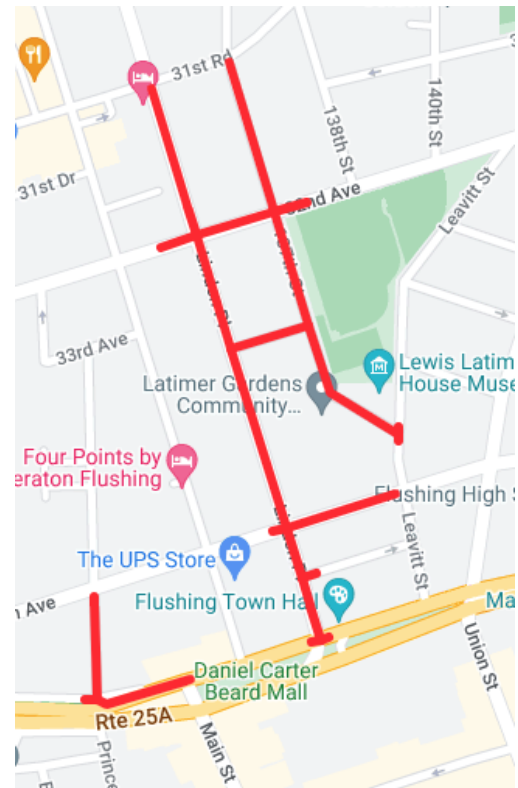
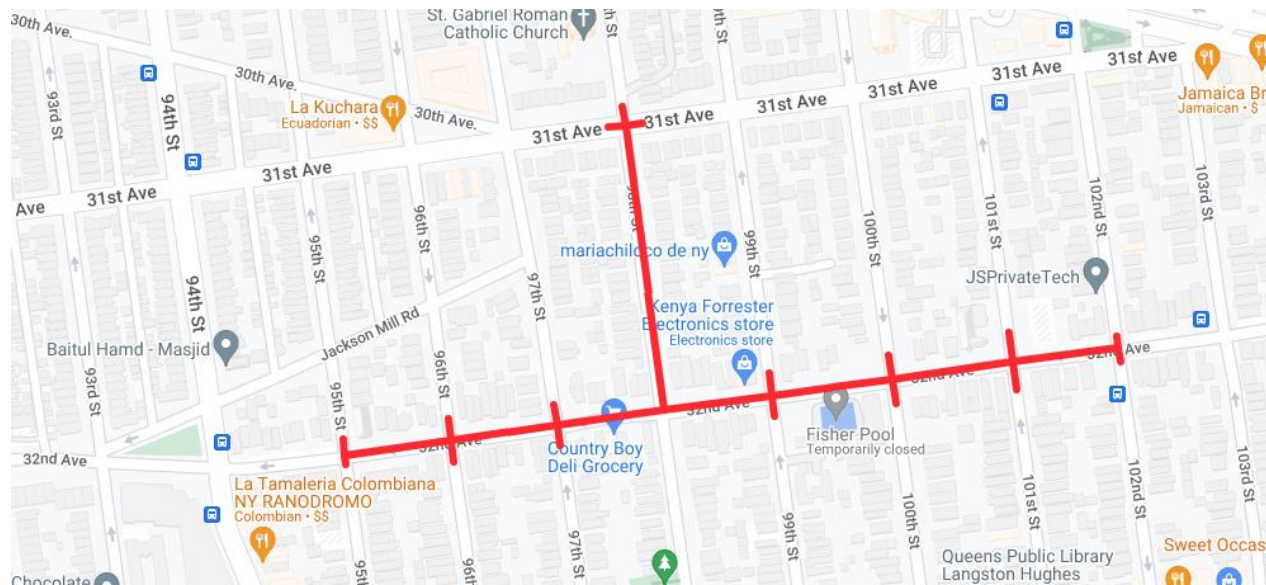


Marise Pierre-Louis
Community Construction Liaison
(CCL)

917-453-2551

SEQPGRD1CCL@GMail.com

QED-1056 Water Mains



QED-1056 Water Mains

Anticipated construction timeline

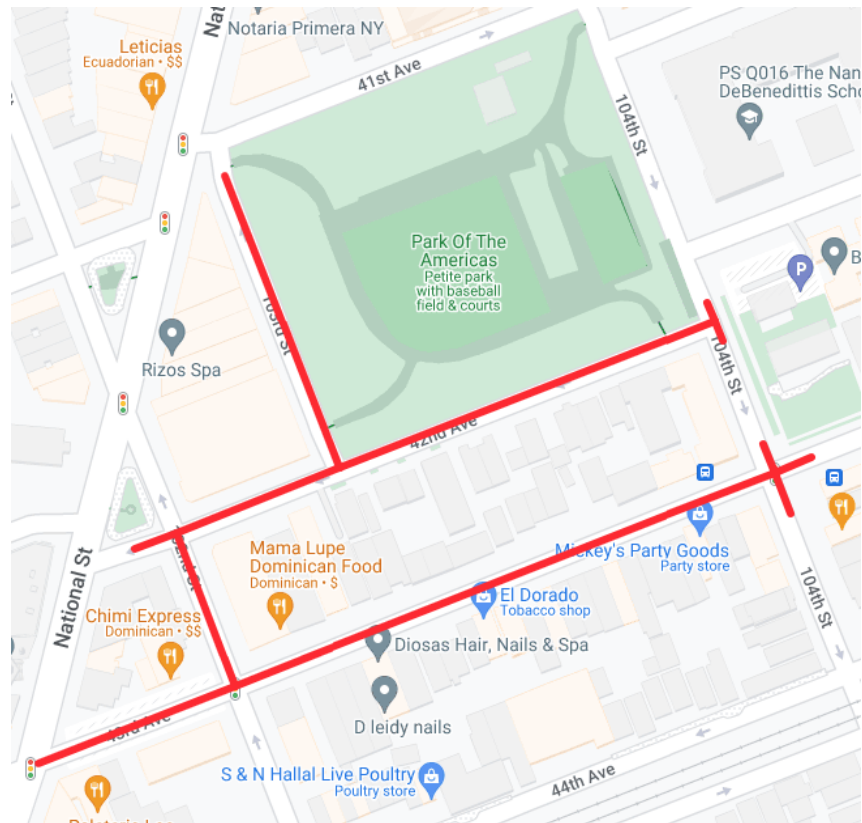
- End of 2024 – End of 2026

Construction cost

- \$17 million

Scope of work

- Replace water mains

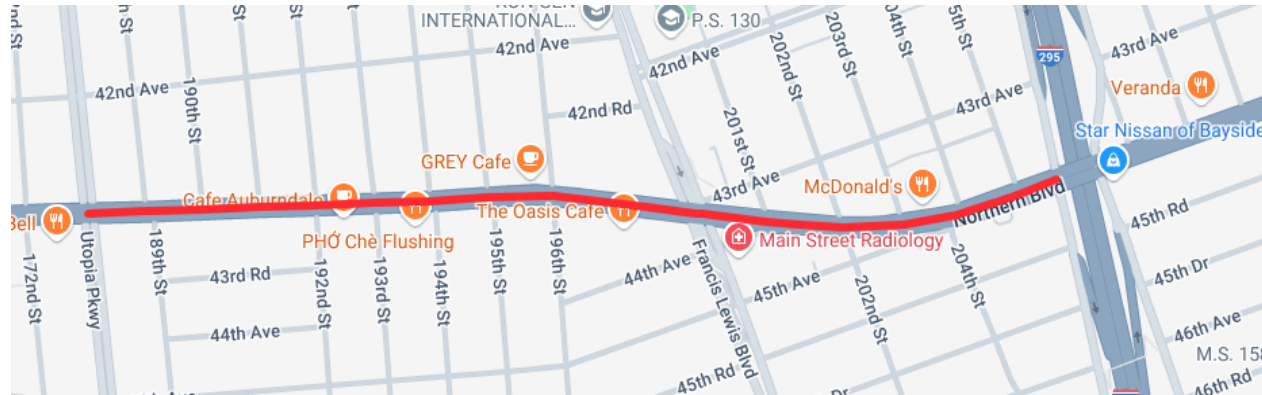
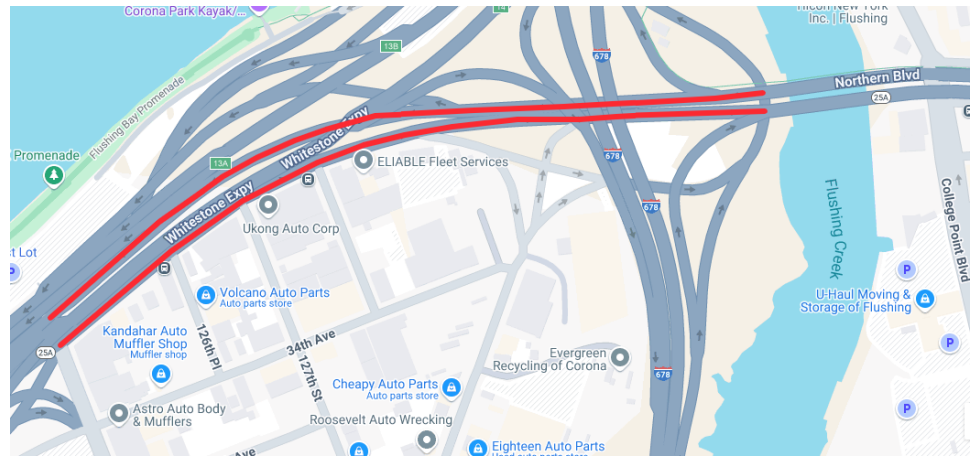


Projects in Design

HW349TOUR

State Touring Routes

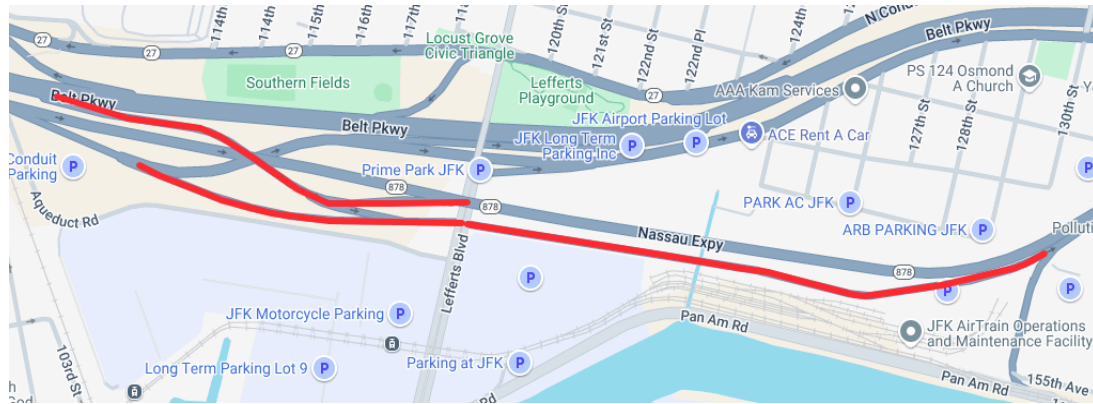
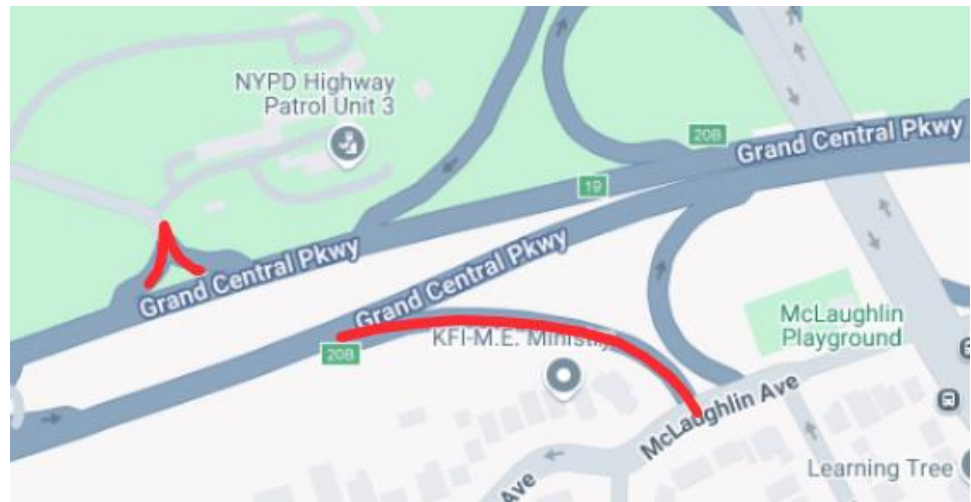
Resurfacing



HW349TOUR

State Touring Routes

Resurfacing



HW349TOUR

State Touring Routes Resurfacing

Anticipated construction timeline

- Summer 2025 – Spring 2027

Construction cost

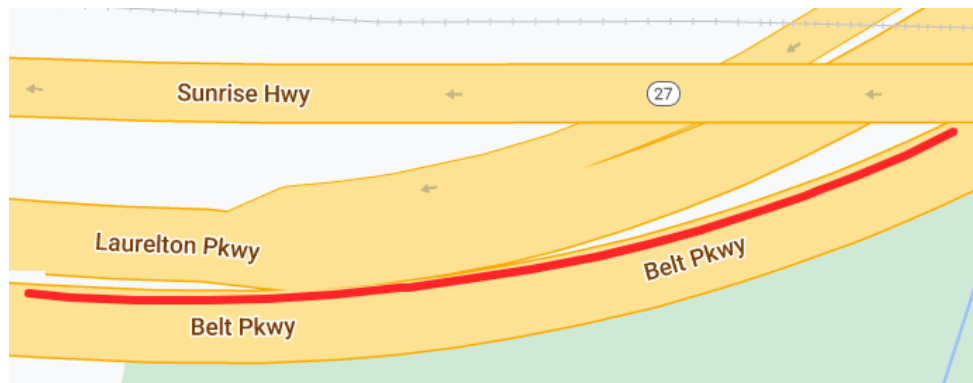
- \$24 million

Scope of work

- Repair and resurface state roads
- Replace concrete slabs as needed



HWQ1205 Belt Parkway Barrier Reconstruction



Anticipated construction timeline

- Fall 2025 – Spring 2027

Construction cost

- \$3.4 million

Scope of work

- Construct new concrete barriers with deep foundations

SEBLQX01

Sewer Reconstruction

Anticipated construction

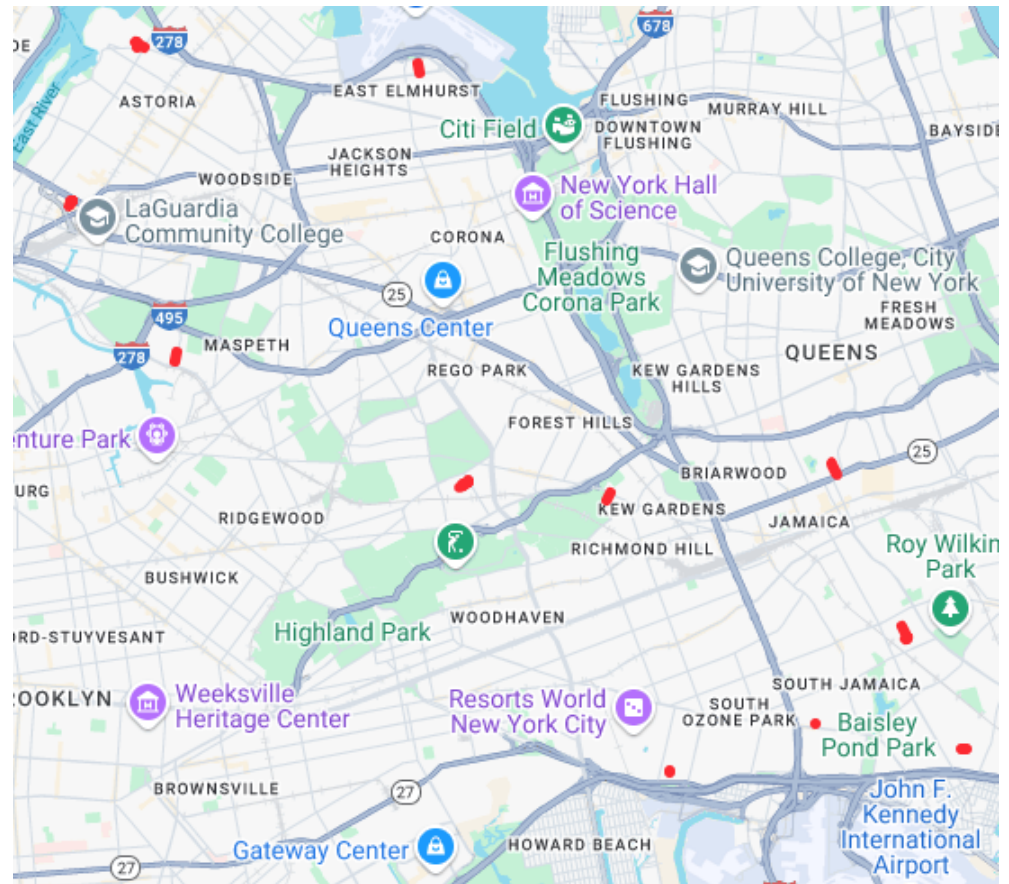
- Fall 2025 – Fall 2027

Construction cost

- \$10 million

Scope of work

- Reconstruct sewers



PS-349 Lining Interceptor Assets in Rockaway

Anticipated construction timeline

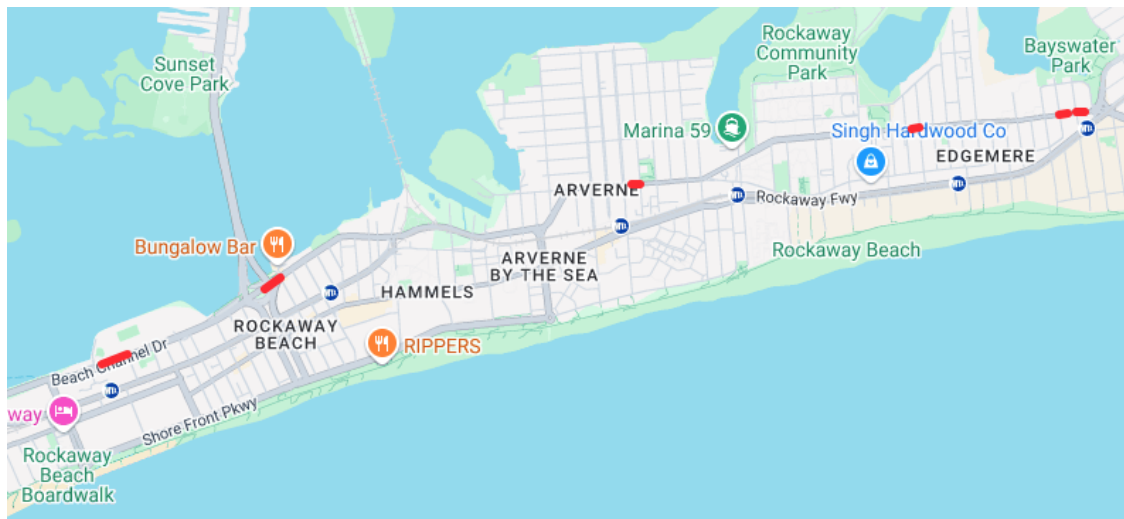
- Spring 2026 – Spring 2027

Construction cost

- \$17 million

Scope of work

- Lining repair of interceptor sewers



SEQ-SACBA Saint Albans Cloudburst Demonstration Project

Anticipated construction

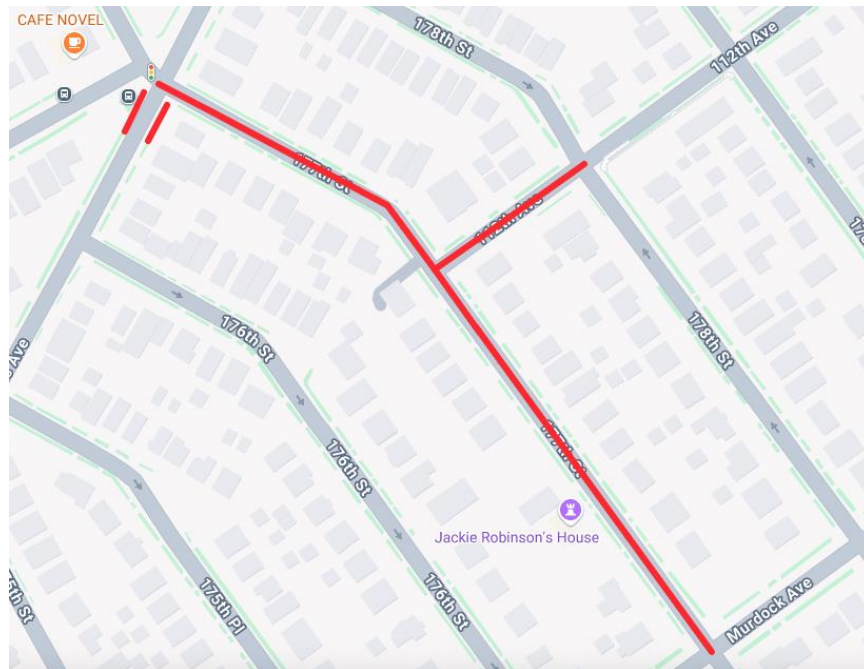
- Spring 2026 – Spring 2027

Construction cost

- \$6 million


Scope of work

- Install green infrastructure
 - Infiltration basins
 - Bioswales
- Regrade roadway



SEQ-SACBA Saint Albans Cloudburst Demonstration Project


<https://www.nyc.gov/site/dep/environment/cloudburst.page>

한국어 ▶ Translate ▼ Text-Size

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Climate Resiliency
Cloudburst Management

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The rendering shows a street scene with trees and people. A cross-section diagram at the bottom illustrates the infrastructure: 'SUBSURFACE STORAGE' (a large blue underground tank) and 'POROUS PAVEMENT SYSTEM' (two areas with orange arrows indicating water infiltration). Labels above the scene include 'SUBSURFACE STORAGE' and 'POROUS CONCRETE PARKING LANE'.

Rendering of Cloudburst Hub Infrastructure

A “cloudburst” is a sudden, heavy downpour where a lot of rain falls in a short amount of time. Cloudburst management implements a combination of methods that absorb, store, and transfer stormwater to minimize flooding from cloudburst events. Using grey infrastructure, like sewer pipes and underground storage tanks, and **Green Infrastructure**, like trees and **Rain Gardens**, cloudburst management can minimize damage to property and infrastructure by reducing strain

HWQ121B3 South Jamaica

Anticipated construction timeline

- Spring 2026 – Spring 2028

Construction cost

- \$28 million

Scope of work

- Add new storm sewers
- Replace sanitary sewers
- Replace water mains
- Reconstruct roadways



CS-NC-BAF

Anticipated construction timeline

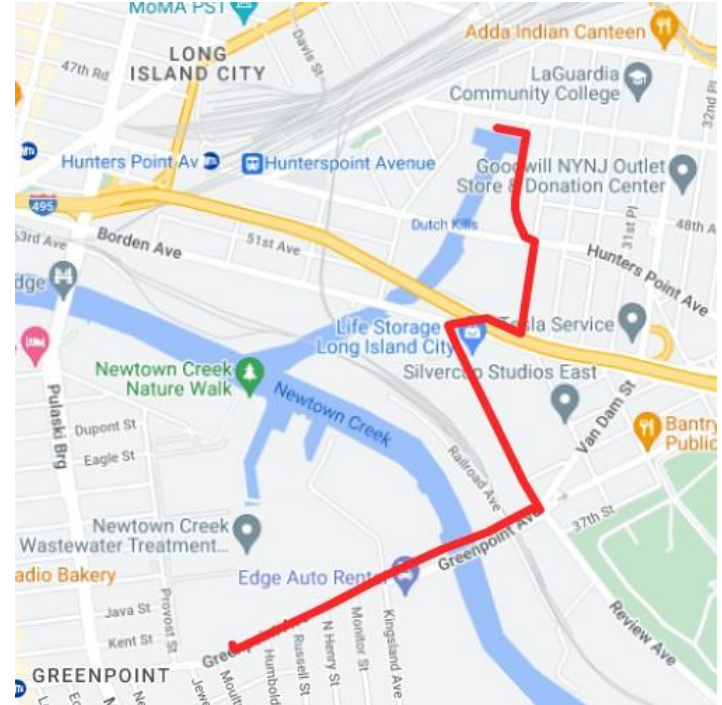
- Spring 2026 – Summer 2028

Construction cost

- \$59 million

Scope of work

- Install diversion chamber with tide gate
- Add new sewer lines
- Provide new force mains (to push wastewater)



SE885 Spine Storm Sewer

Anticipated construction timeline

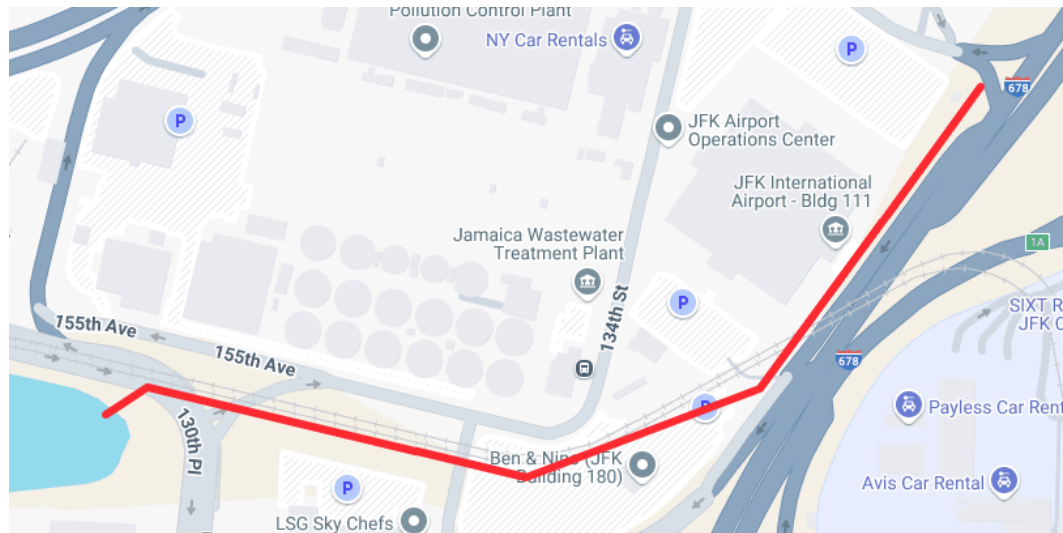
- Spring 2026 – Spring 2029

Construction cost

- \$149 million

Scope of work

- Construct trunk storm sewer
- Construct outfall at Bergen Basin



SEQ200605 South Jamaica

Anticipated construction timeline

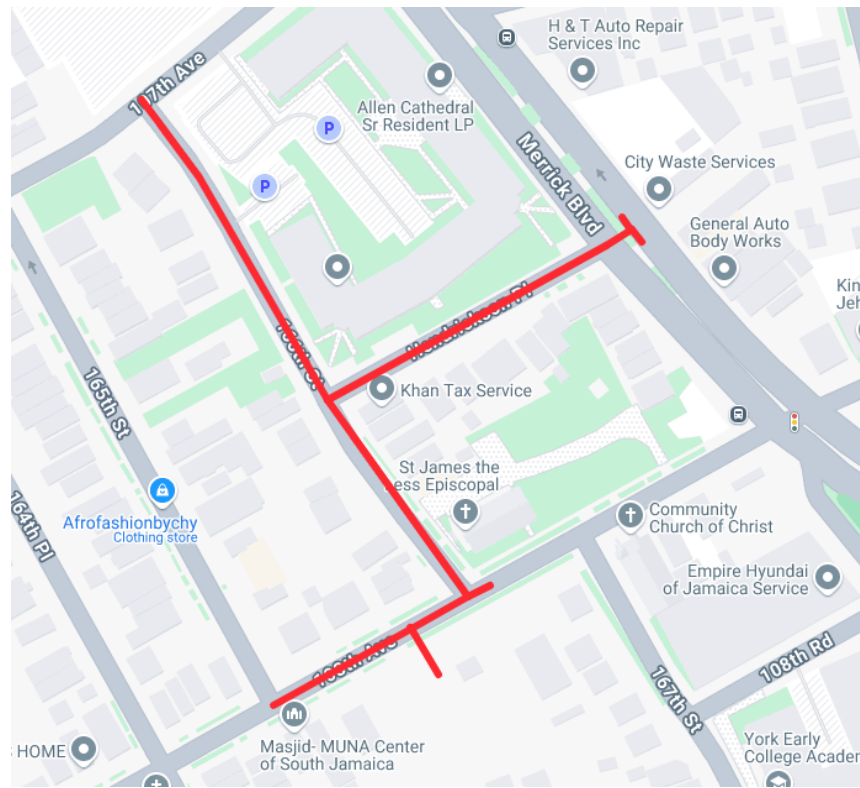
- Fall 2026 – Fall 2028

Construction cost

- \$10 million

Scope of work

- Install new storm sewer
- Replace water main
- Replace sanitary sewer as needed



SE860 71st Street

Anticipated construction timeline

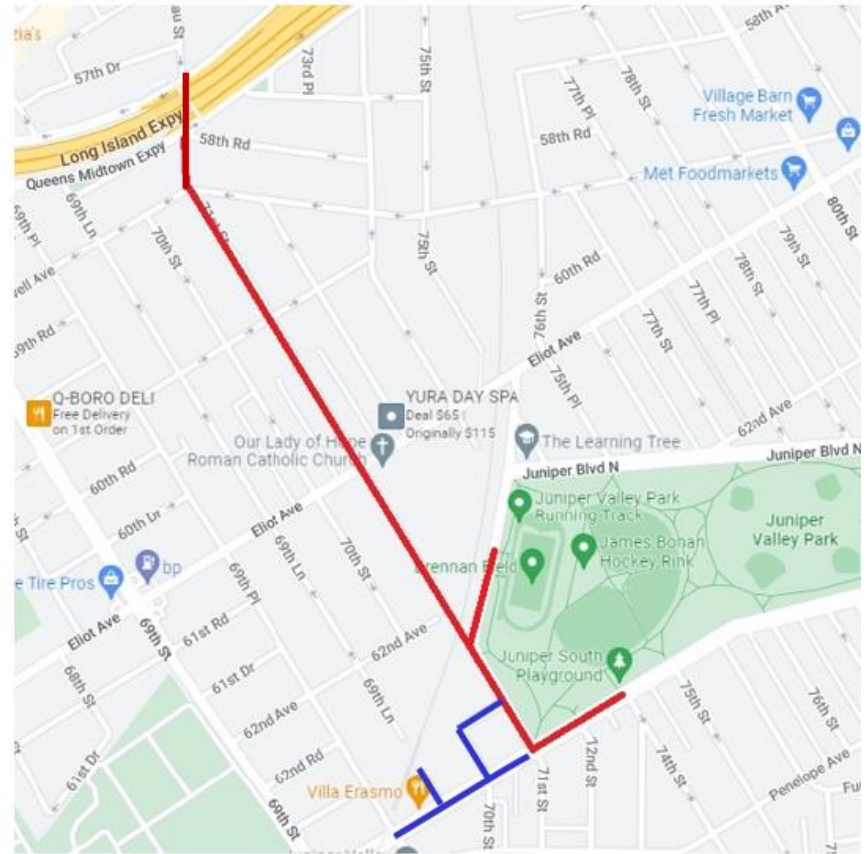
- Fall 2026 – Fall 2029

Construction cost

- \$63 million

Scope of work

- Sewer replacement
- Water main replacement



SEQPGRD2 Priority Grids

Anticipated construction

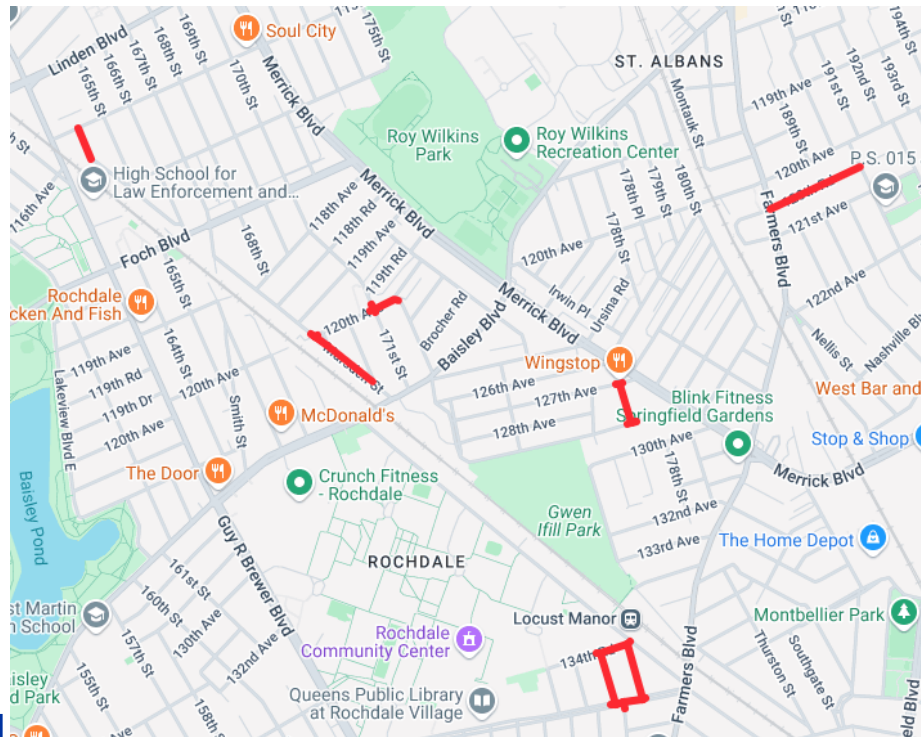
- 2027 – 2029

Construction cost

- \$46 million

Scope of work

- Add new storm sewers
- Replace water mains
- Upgrade sidewalk and curbing



SE-862 Springfield Gardens

Anticipated construction timeline

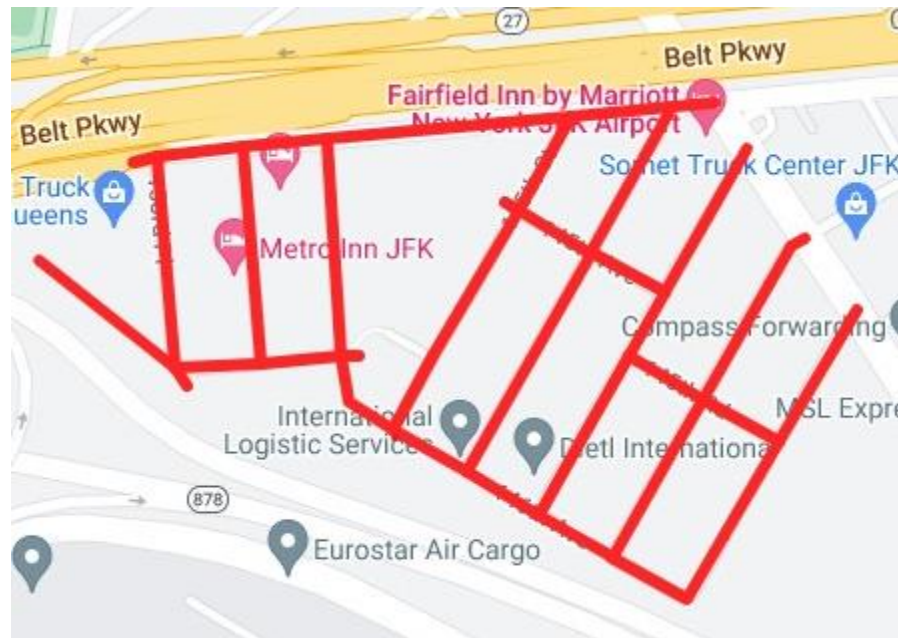
- 2027 – 2030

Construction cost

- \$27 million

Scope of work

- Replace water mains
- Replace sanitary sewers
- Add new storm sewers



QED1027 Queens Village

Anticipated construction timeline

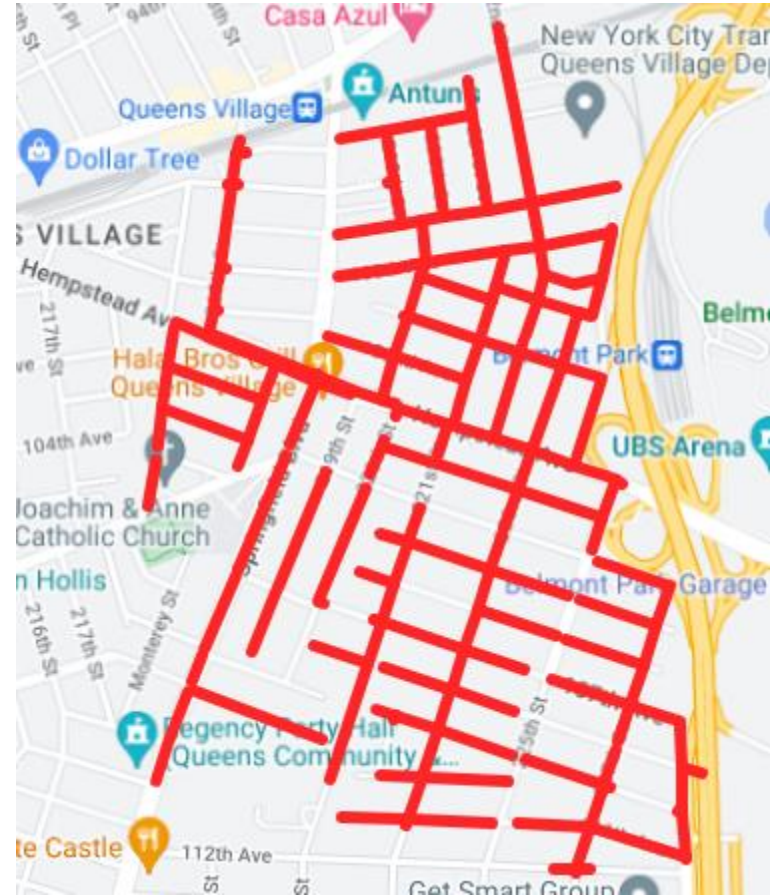
- 2027 – 2030

Construction cost

- \$34 million

Scope of work

- Replace water mains



HWQ724B

Brookville Boulevard

Anticipated construction timeline

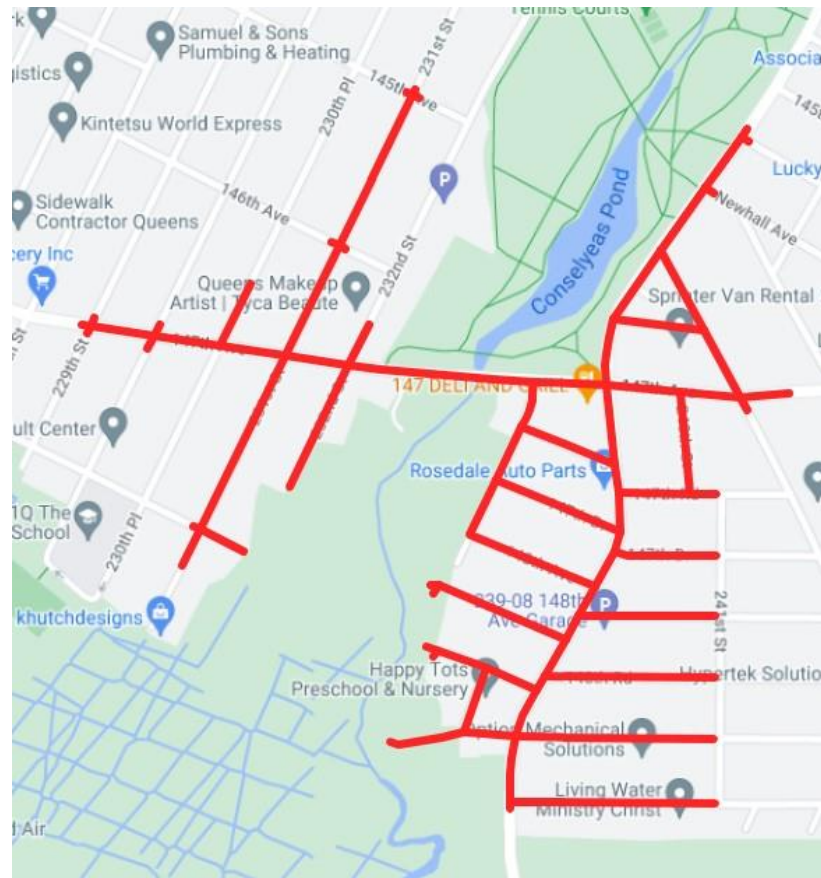
- 2027 – 2030

Construction cost

- \$41 million

Scope of work

- Add new storm sewers
- Replace sanitary sewers
- Reconstruct roadway



COMMUNITY IMPACTS & WHAT TO EXPECT

COMMUNITY IMPACTS

- Pedestrian/sidewalk access will be maintained at all times
- Temporary street closures and / or limited access may be necessary
- R.E. will monitor operations and work within DEP Noise Code regulations
- Sidewalk and/or loading dock access from the curb may be temporarily restricted while work is conducted (coordination will be arranged on a case by case basis)
- Parking may be temporarily restricted during construction
- Garbage/Trash pick up may be affected. Coordination will be done through the field office.
- **Rodent Control:**
- A rodent survey was performed prior to construction
- Rodent Control Stations are being installed by a professional rodent control contractor

COMMUNITY IMPACTS

Water Service Interruptions:

- 72-Hour Advance Advisory
- 24-hour confirmation/cancellation notice
- Specific instruction provided prior to water shutoff
- If your water service is not restored within 3 hours of the indicated time on the Shutoff Notice, please contact the Community Construction Liaison (CCL) or 311 if after hours
- Water Shut-downs are typically scheduled at during the day from 8:00AM-4:00PM unless otherwise specified

Special Needs:

- Individuals with special needs should contact the CCL
- DDC field staff will work specially with those individuals to minimize certain inconveniences

Quarterly Newsletter

Reconstruction Newsletter
Office of Community Outreach - Notification



Queens

Fourth Quarter 2018

Installation of Storm & Sanitary Sewers in 119th Road

Project # SEQ200584

The New York City Department of Design and Construction (NYCDDC) is managing a capital construction of sanitary & storm sewer project along 119th Road in Queens the cost of this project is \$8,588,124 dollars. The project began March 2017 and anticipated to end December 2018. After the completion of the project the NYC infrastructure will upgrade for generations to come, therefore, the capacity of the combine sewer will increase and reduce flooding, and the replacement of water mains will improve the drinking water as well as increasing fire protection by adding hydrants. Project work also includes: curbs, sidewalks and roadway re-surfacing, as needed. Each phase of this project is an important component that will insure better services and quality of life for the community.



Installation of Sanitary Sewer on 119th Ave.

Comments:

During construction hours, you can expect the following:

- Increased levels of noise, dust and heavy equipment.
- Vehicular travel lane closures will be required, as well as detours. Warning signs will be posted in advance.
- Parking and driveway/loading dock restrictions, signs will be posted within the affected areas.
- Emergency vehicle access and pedestrian access to sidewalk and buildings will be maintained at all times.

Work Completed to date

- Water main installation 100% (\$170 linear feet)
- Sanitary Sewers 100%

Proposed Work Schedule
October 2018 - December 2018

- Excavation for installation of storm sewers
- Restoration of roadway surface, curbs & sidewalks in various locations.



Preparation for storm sewer on 118th & 120th Street

Trash Collection

Proper trash collection can be a challenge on a project as large as this but if everyone is considerate it can be managed with a modicum of disruption. Please pack your trash properly to avoid easy breakage and/or spill over. Put it in the designated areas as close to collection time as possible. If you use a private center, ensure your trash collection occurs in a timely fashion. If you aren't sure where to bring your trash, please call the DDC.

Community Construction Liaison (CCL)

The DDC has assigned **Marie Antoinette Nader**, as the Community Construction Liaison (CCL) for this project. Please contact **Marie Antoinette** for any project related inquiries/concerns you may have:
Phone: 718-480-1883 Fax: 718-680-2380
Email: 118roadccl@gmail.com
Field Office: 177-25 Rockaway Blvd, suite 11 Jamaica, NY 11434

Bill de Blasio
Mayor


Lorraine Grillo
Commissioner

DDC Website
www.nyc.gov/ddc

DDC Video
www.nyc.gov/web/build



Weekly Look Ahead



Department of
Design and
Construction

Office of Community Outreach & Notification

WEEKLY CONSTRUCTION BULLETIN

Two week look ahead: 12/10/2018 through 12/14/2018
12/17/2018 through 12/21/2018

TIMES SQUARE RECONSTRUCTION PROJECT #: SEQ200584 BOROUGH: QUEENS DATE ISSUED: 12/05/18

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	CONSTRUCTION
Week #1			
12/10/18	7:00 am-4:30pm	177 th Place between 119 th Road & 120 th Ave.	Excavation/Backfill for 6"x3" FTRC Storm Sewer
12/11/18			
12/12/18	7:00 am- 4:30 pm	119 th Road towards 177 th Place	Catch Basin & Shute Connections.
12/13/18			
12/14/18	7:00am-4:30pm	Baisley Blvd. towards 177 th Street	Catch Basin & Shute Connections
Week #2			
12/17/18	7:00 am-430 pm	119 th Street/179 th Street	Catch Basin & Shute Connections
12/18/18			
12/19/18			
12/20/18	7:00am-4:30 pm	In 119 th Road /177 th Place& 120 th Ave./177 th Place	Chamber Installation
12/21/18			

WATER SHUT-OFF NOTIFICATIONS: In addition to a 72-hour Advisory, a prior 24-hour notification will be distributed / posted to any / all effected locations(s).

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 Marie Antoinette Nader, the Community Construction Liaison at (718)460-8633 or 119roedccl@gmail.com

Bill de Blasio
Mayor

Lorraine Grillo
Commissioner

www.nyc.gov/ddc

Advisory Notice



Office of Community Outreach & Notification

COMMUNITY ADVISORY



Installation of Storm & Sanitary Sewers in 119th Road and Surrounding Areas
Community Board #12
PROJECT#: SEQ200584 **BOROUGH:** Queens **DATE:** October 28, 2018

WATER SERVICE INTERRUPTION **Installation of Fire Hydrants**

- Baisley Blvd. from 119th Rd. to 177th St.

On/about Tuesday, October 30th, 2018
8:00am for approximately 8 hours

WATER SERVICE BEING TURNED OFF: A water shut-off is necessary to facilitate the installation of new fire hydrant in conjunction with the 119th Road project. Work will occur at/about 8:00 am and last for approximately 8 hours. On occasion, this work may be completed earlier and water service restored.

SOME THINGS TO REMEMBER:
The DDC recommends that you shut off the water main valve in your house/building in order to avoid problems that may occur when sediment enters or is released from your plumbing.

You are asked to shut off all WATER cooled appliances, which may include air conditioners, etc.

Once water service is returned, turn the main house valve back on and flush the system by turning your faucets to sinks and tubs for about 15 to 30 minutes.

If you have any questions, concerns, or would like to learn more about the DDC Project, please call the **Community Construction Liaison (CCL)** **Maria Amichessa-Hedder** at: **718-690-6655** or Email: **5150adocf@gmail.com** or visit the NYC DDC web site at: **www.nyc.gov/ddc**. During non-construction hours please contact New York City Government Services and Information Hotline at 311.

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

If you have any questions about the NYC water quality, please contact the NYC Department of Environmental Protection (NYC DEP)

For more information on the health impacts of lead please go to: **www.dco.gov/nceh/lead/leadinwater/default.htm**

Bill de Blasio
Mayor

Lorraine Gallo
Commissioner

www.nyc.gov/ddc

PIC (Project Information Card)



**Department of
Design and
Construction**

Office of Community Outreach and Notification
Queens

Infrastructure Upgrades along Francis Lewis Boulevard and Surrounding Area

Project Contact
Lara E. Bourdelle, OCL
qed76cd@gmail.com
917-659-6195

Field Office Address
175-01 Francis Avenue, Suite 202
Jamaica, NY 11432
823-242-7834

During non-working hours
please call 311 and provide
the Project ID: QED-478

Intent/Scope
We are upgrading our infrastructure in South Jamaica by improving the water distribution, drainage plan, and storm sewer system.

Schedule
Summer 2017 - Summer 2021

Work Hours
Monday-Friday: 7am-3:30pm
(as per DOT-OCMC permits)

Construction Cost
\$48,490,133.09

General Contractor
DFAuto Industries, LLC

R.E.I. Firm
HNTB N.Y. Engineering & Architecture, P.C.

Management Agency
NYC-Department of
Design and Construction

Sponsor Agency
NYC-Department of
Environmental Protection

Project Information
Our work will include installing new trunk water main, upgrading the storm and sanitary sewer system, and roadway restoration.

Q&A

Thank you!