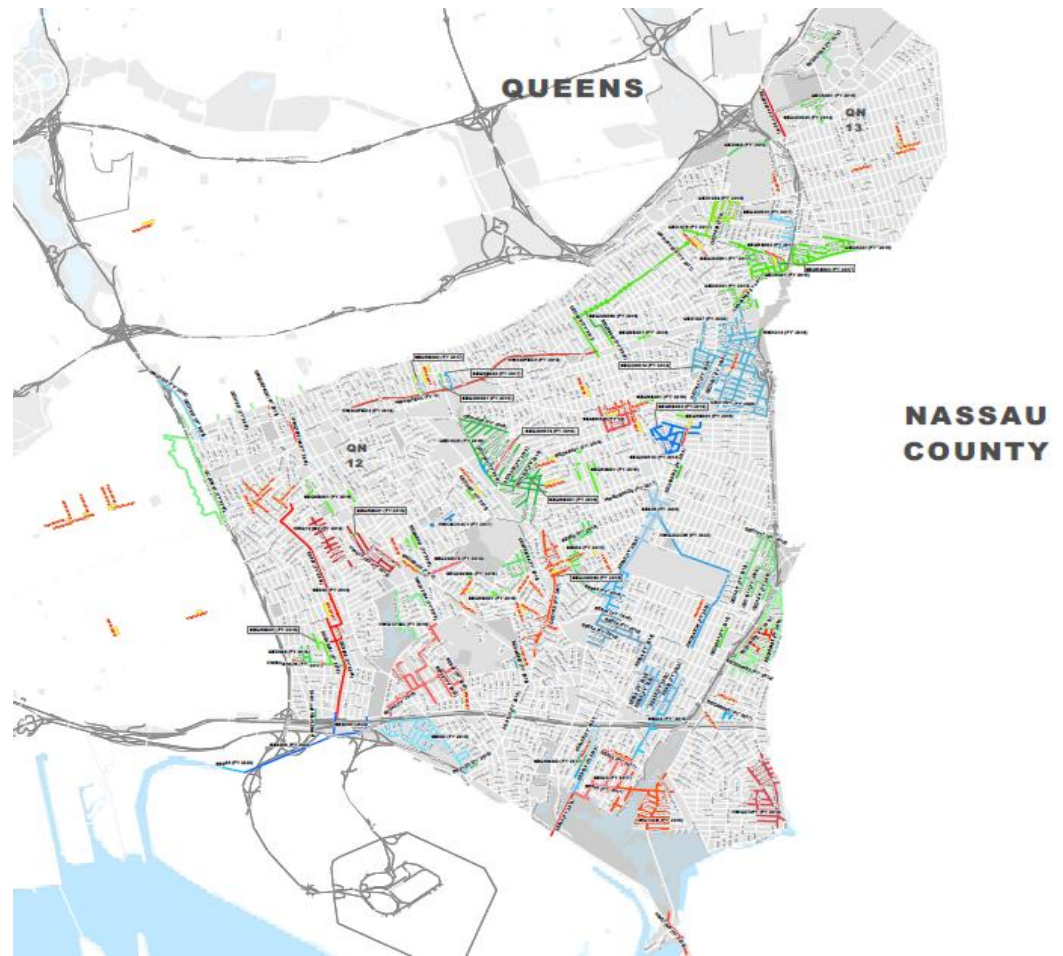


Update on Queens Capital Projects

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

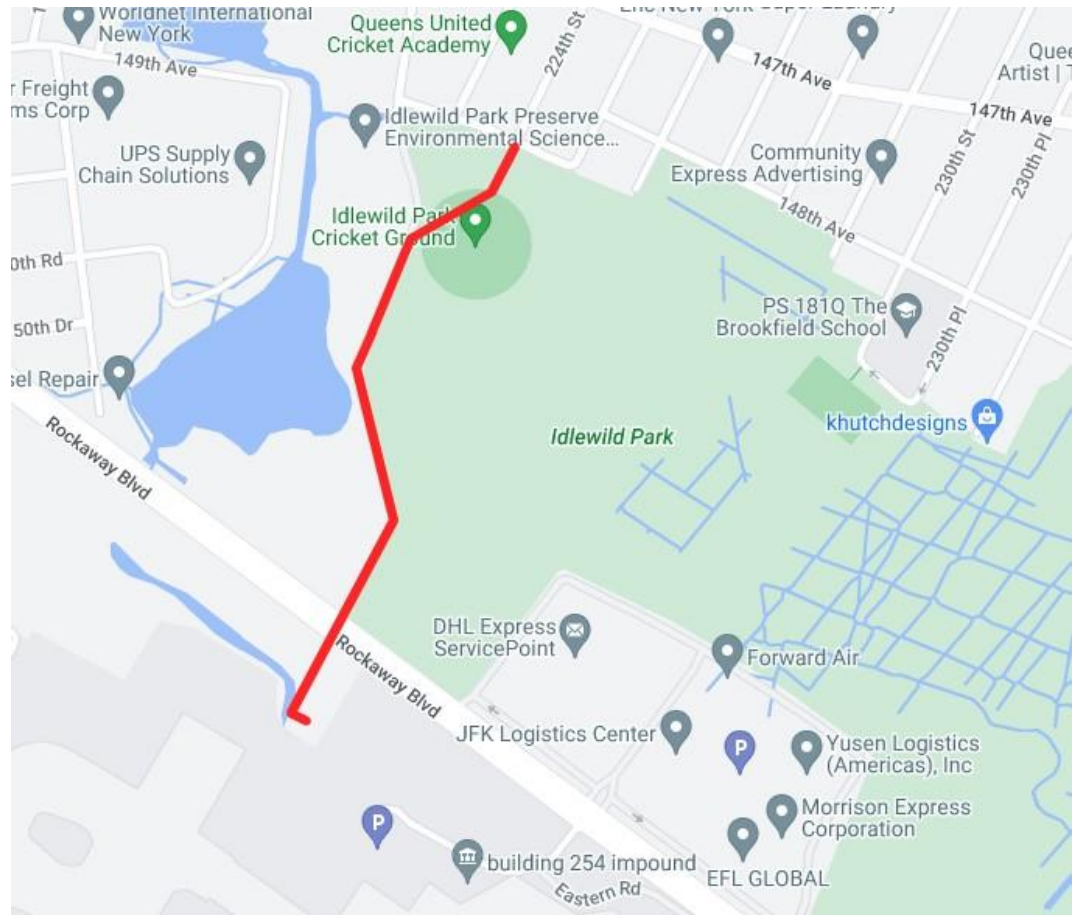
Projects in Construction

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

- \$90 million



Manzur Alam

Community Construction Liaison
(CCL)

914-760-9442

SE842A1CCL@GMail.com

SE-842A1 Storm Sewer Outlet



SE-842A1 Storm Sewer Outlet



SE-842A1 Storm Sewer Outlet

Cricket Field Restored



Sewer Corridor in Springfield Lane Restored



SE-842A1 Storm Sewer Outlet

Rockaway Boulevard Traffic Detoured



Installed Cofferdam at JFK Airport



SE-842A1 Storm Sewer Outlet

Pouring Concrete for Triple Barrel Storm Sewer



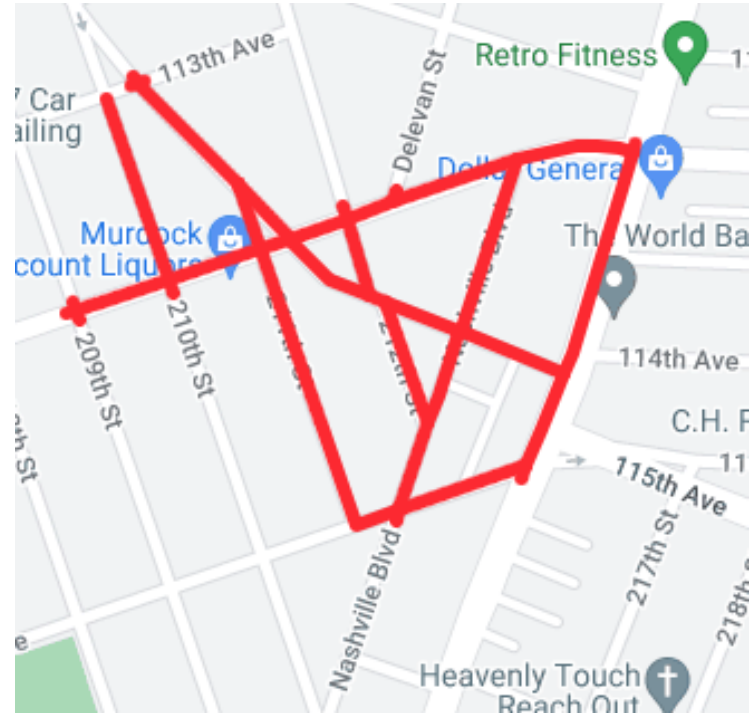
Pouring Concrete for Triple Barrel Storm Sewer



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 – Spring 2027

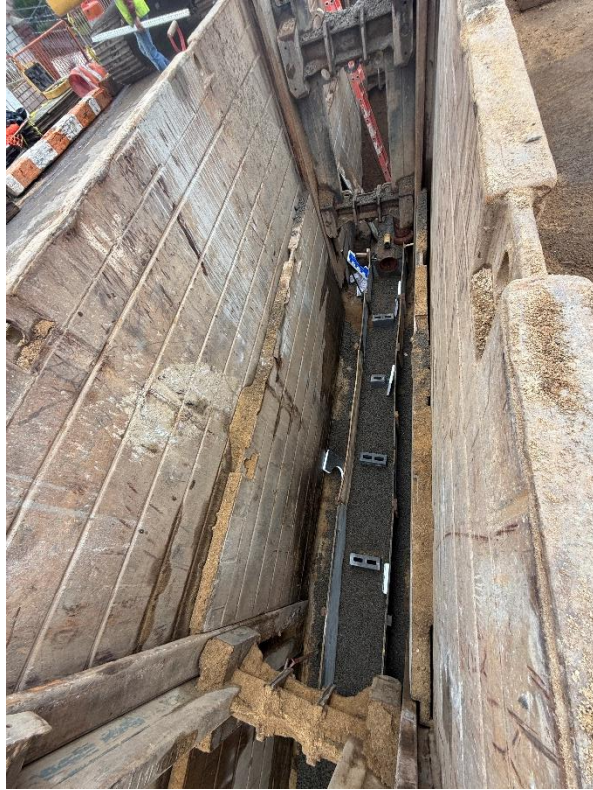
Construction cost

- \$32 million



Essam Gawish
Community Construction Liaison
(CCL)
718-347-0591
SEQNS003CCL@GMail.com

SEQNS003 Queens Village



Sanitary
sewer
installation

Colfax
Street
between
Murdock
and 113th
Avenues



SEQNS003 Queens Village

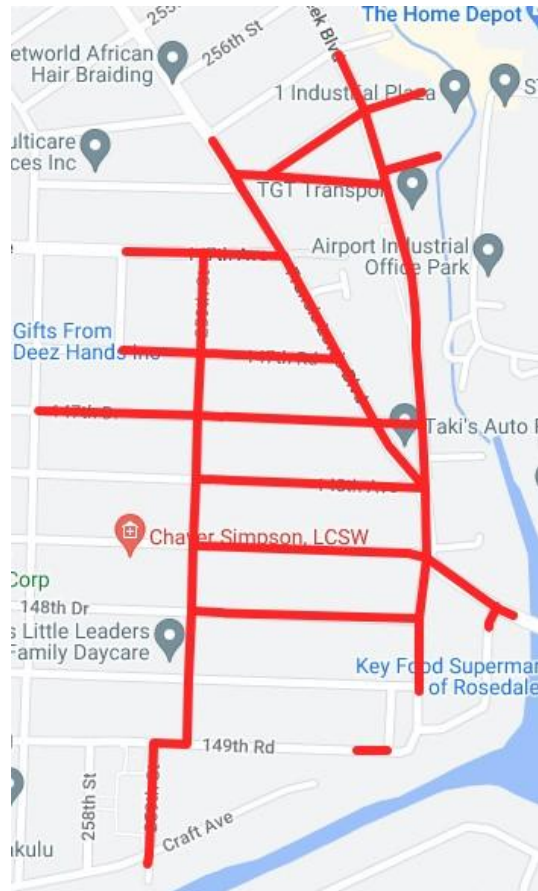


Springfield Boulevard water main installation

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 – Spring 2027

Construction cost

- \$61 million



Latisha James

Community Construction Liaison
(CCL)

212-884-2873

RosedalePh2@GMail.com

HWQ274F2 Rosedale



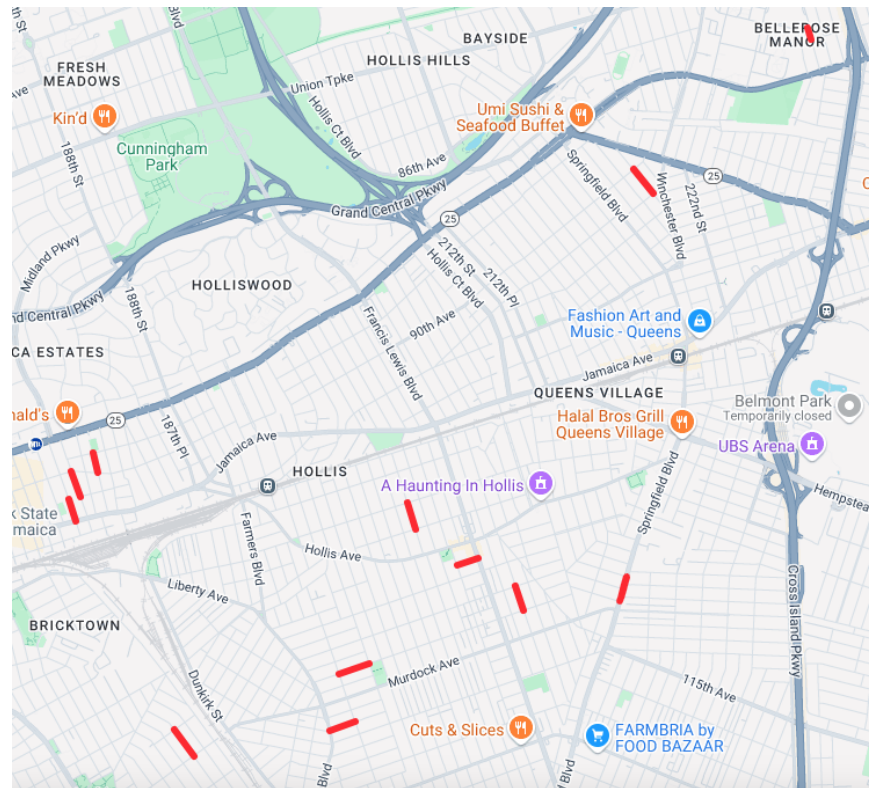
HWQ274F2 Rosedale



SEQPGRD1 Southeast Queens Priority Grids

Scope of work

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



SEQPGRD1 Southeast Queens Priority Grids

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

SEQPGRD1 Southeast Queens Priority Grids



221st Place between 90th and 91st Avenues

PS-349 Lining Interceptor Assets in Rockaway

Anticipated construction timeline

- Early 2026 – Spring 2027

Construction cost

- \$21 million

Scope of work

- Lining repair of interceptor sewers



PS-349 Lining Interceptor Assets in Rockaway

Shernell Pemberton
Community Construction Liaison
(CCL)
718-362-6098
PS349CCL@GMail.com



PS-349 Lining Interceptor Assets in Rockaway



Beach Channel Drive
Beach 104th Street to Beach 108th Street



Beach Channel Drive & Beach 36th Street

PS-349 Lining Interceptor Assets in Rockaway

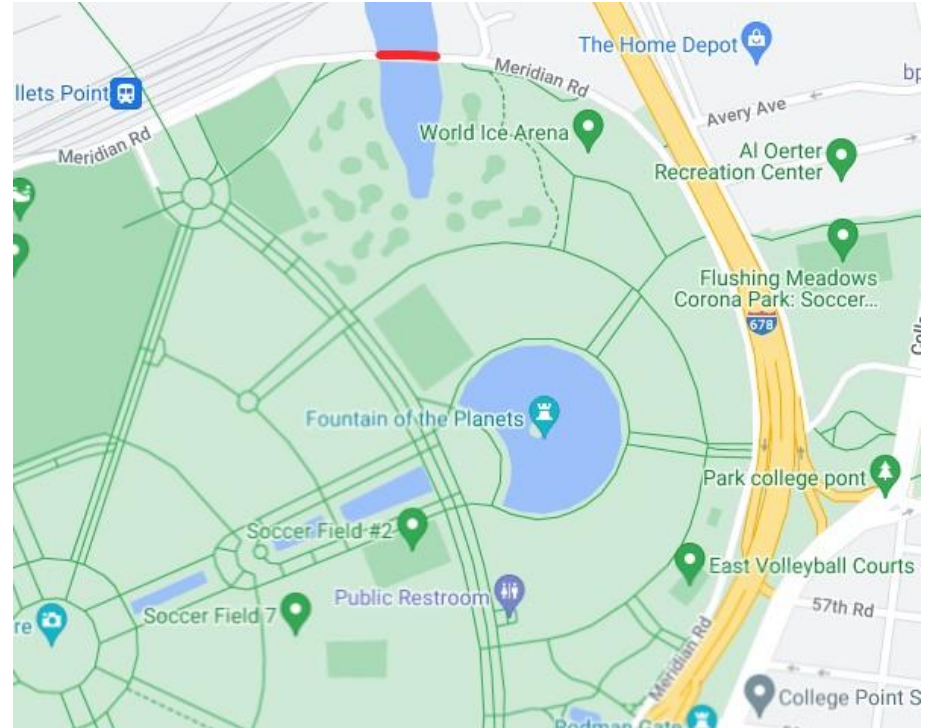


HOBAS Pipe Delivery 42-inch to 66-inch

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

- Summer 2025 – Summer 2028

Construction cost

- \$25 million



Karen Flores

Community Construction Liaison
(CCL)

347-507-0482

TideGateBridgeCCL@GMail.com

HBPED800Q Tide Gate Bridge in Flushing Meadows Corona Park



COFFERDAM INSTALLATION

- Installation of cofferdam sheets at the north and south sides of the Tide Gate Bridge

A cofferdam is a temporary, watertight enclosure built within a body of water to create a dry work environment.



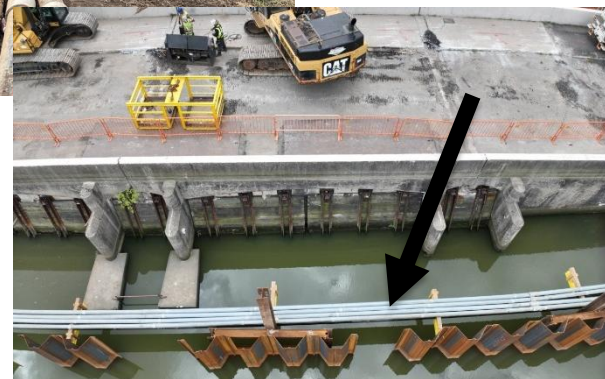
TEMPORARY PEDESTRIAN WALKWAY

- Cofferdam sheets used to support temporary pedestrian walkway on bridge's south side



UTILITY RELOCATION

- Con Ed primary feeders on the bridge's north outer parapet wall temporarily relocated to cofferdam



DEMOLITION

Parapet wall (south side of bridge)
before demolition



Parapet wall (south side of bridge)
demolition

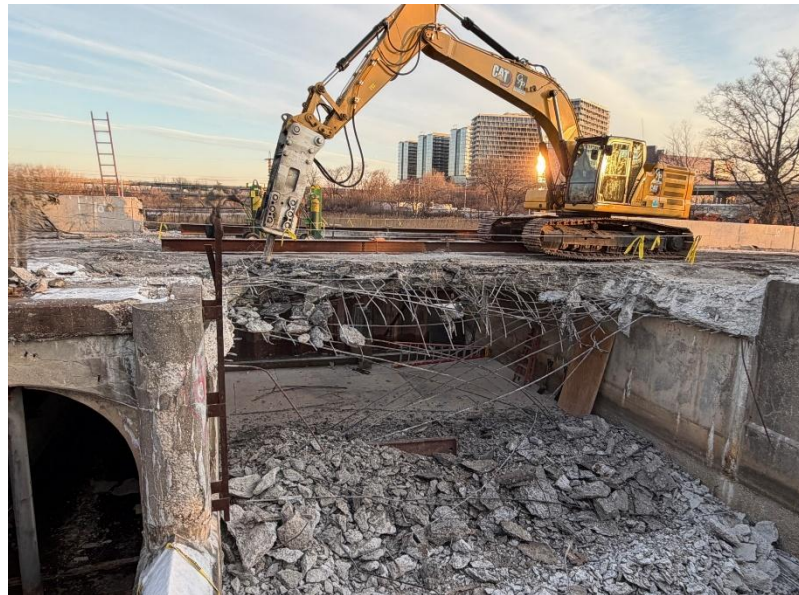


DEMOLITION

Bridge deck (east side of bridge)
before demolition



Bridge deck (east side of bridge)
demolition



DEMOLITION

- Piers
- Pier extensions

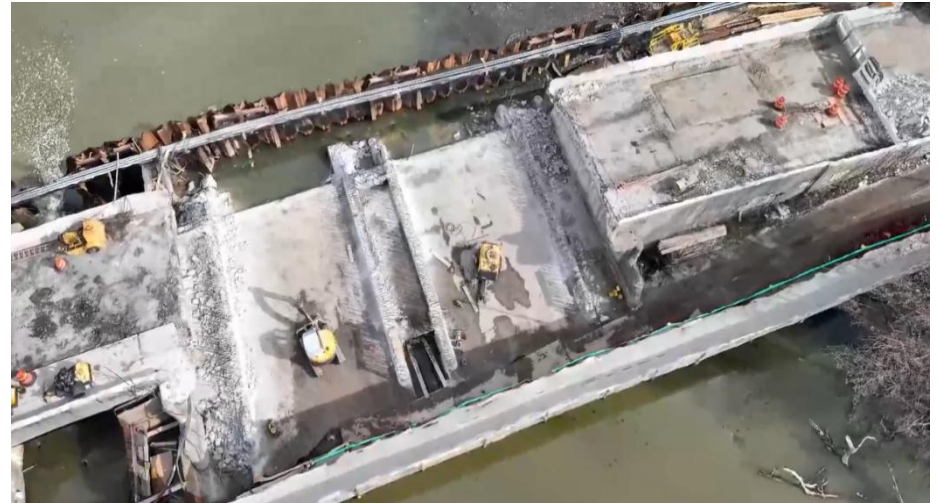


IN PROGRESS

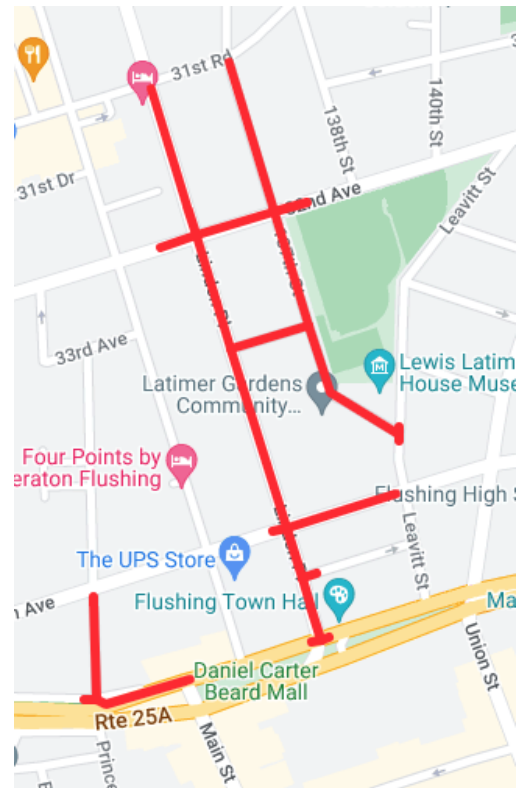
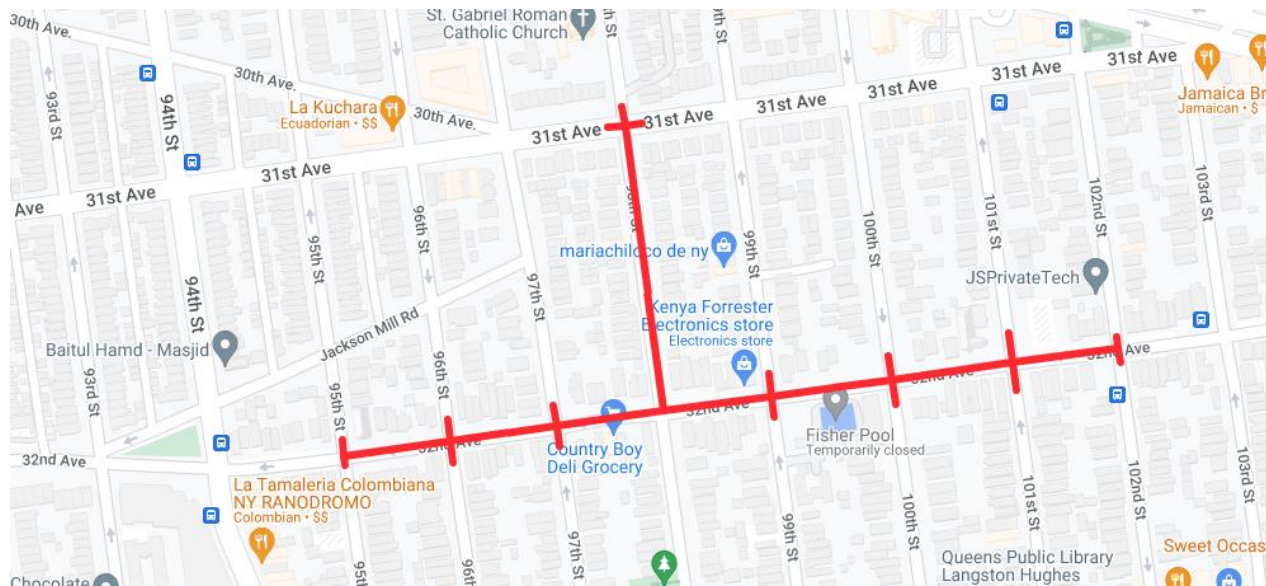


Bird's eye view of the Tide Gate Bridge prior to demolition

Current bird's eye view of the Tide Gate Bridge showing demolition work in progress



QED-1056 Water Mains



QED-1056 Water Mains

Anticipated construction timeline

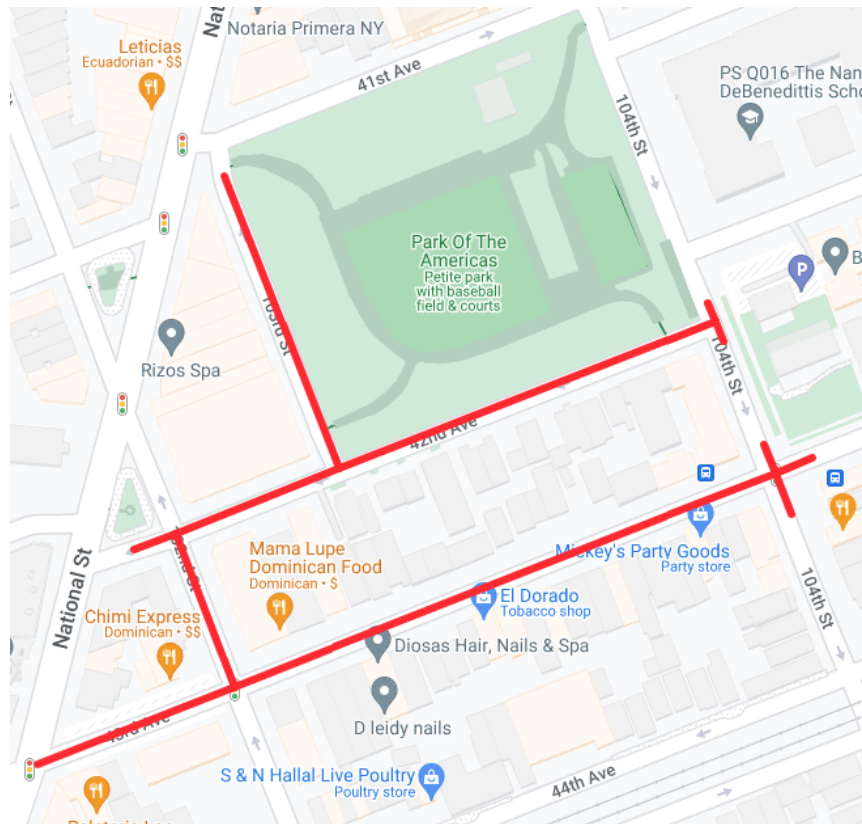
- End of 2024 – End of 2026

Construction cost

- \$17 million

Scope of work

- Replace water mains



QED-1056 Water Mains

Len'Niesha James
Community Construction Liaison
(CCL)
631-507-3180
QED1056CCL@GMail.com



DEP Program

DEP website



DDC managing project on behalf of DEP

- Pilot program within target areas
- For eligible properties only
- Requires signed consent form
- Four attempts to reach each property owner

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Lead Service Line Replacement Program

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DEP is offering to replace private water service lines that are made of lead or galvanized steel at eligible properties at **no cost to homeowners**. Service lines will be replaced with a new, safe copper line. If your property is eligible, this program can save you thousands of dollars!

Eligibility

Only homeowners who receive a letter from DEP or the Department of Design and Construction (DDC) are eligible for this program. We are targeting specific geographic areas.

NYC Service Line Map

You can search the [NYC Service Line Map](#) to see if your property has a lead service line. If you have questions about this map, please visit [Water Service Line Map FAQs](#).

To learn more about what to do if lead is in your household plumbing, visit [Monitoring for Lead](#).

Expand All

Collapse All

Lead Service Line Replacement FAQs

What is a water service line?

+

Why should I replace my lead service line?

+

How is a lead service line replaced through this program?

+

How do I "flush" my service line?

+

What if I have a lead service line and I am not eligible for this program?

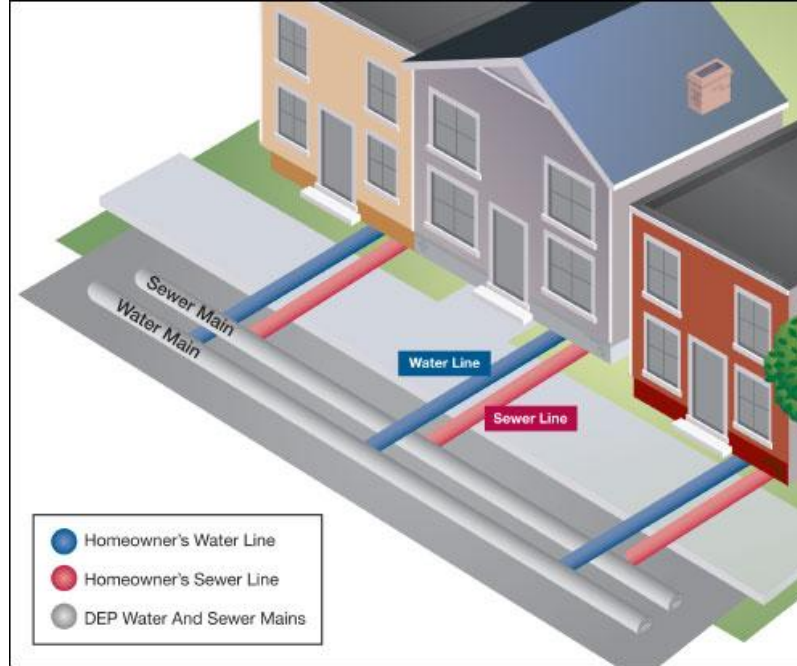
+

Where will this work occur?

+

Service Line Diagram

DDC / DEP Process & Protocols



SEBLQX01

Sewer & Water Main Reconstruction

Anticipated construction

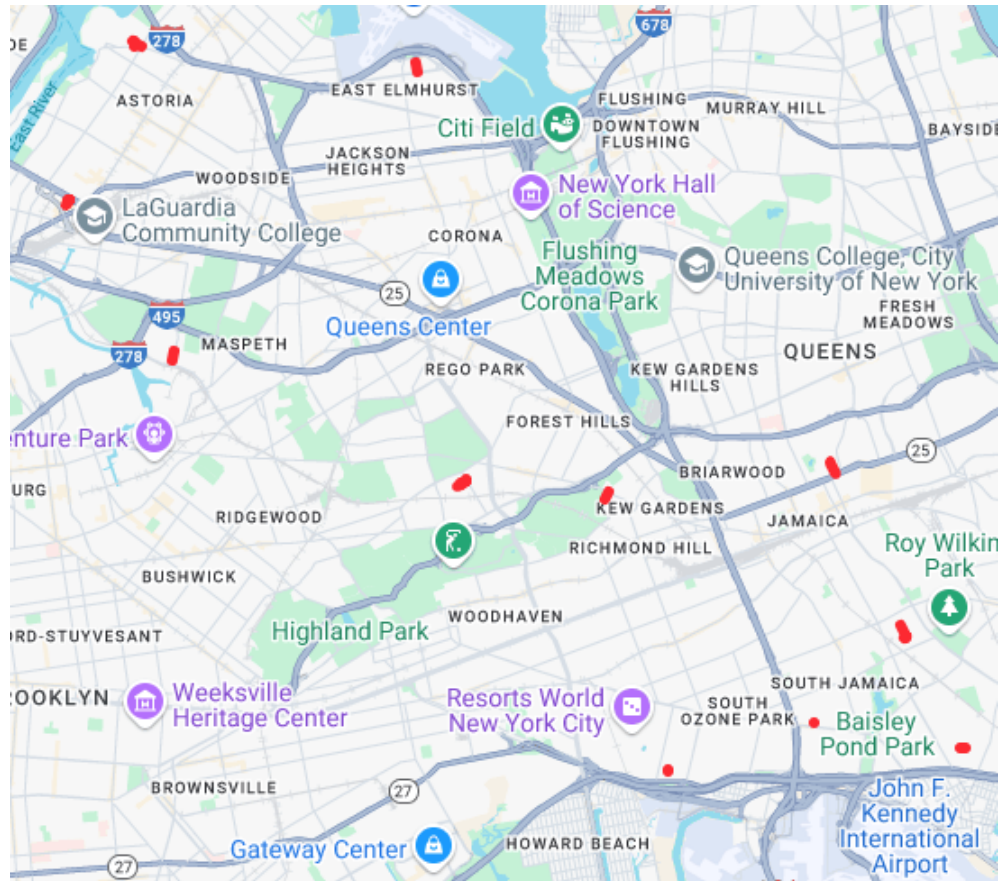
- Early 2026 – End of 2027

Construction cost

- \$14 million

Scope of work

- Reconstruct sewers



SEBLQX01 Sewer & Water Main Reconstruction

Lisa Alfred

Community Construction Liaison (CCL)

116-06 Myrtle Avenue, Suite 301

Richmond Hill, New York 11418

Office (347) 392-4830

Mobile (929) 665-1530

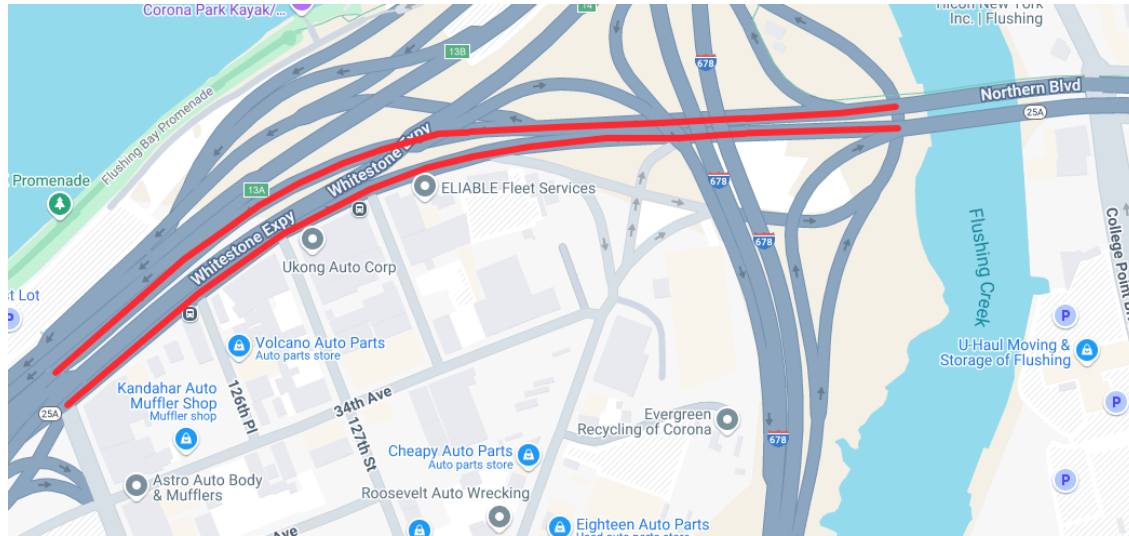
QueensSewersCCL01@gmail.com



HW349TOUR

State Touring Routes

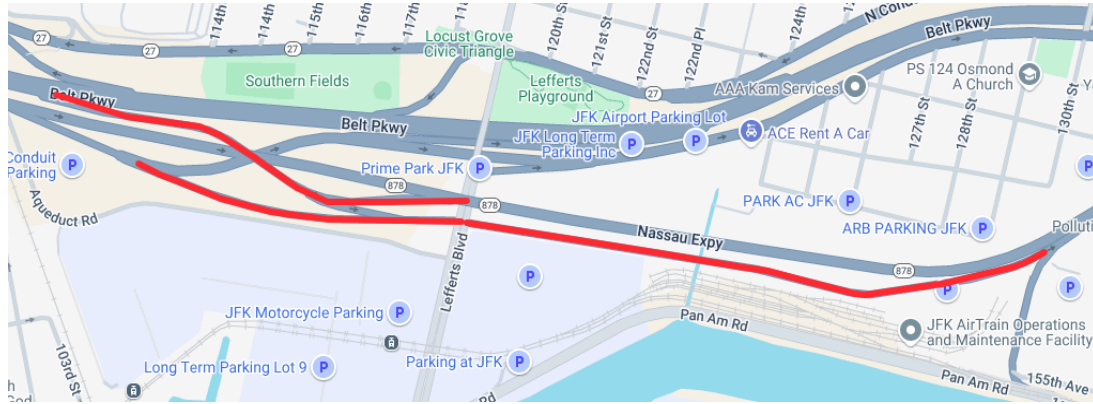
Resurfacing



HW349TOUR

State Touring Routes

Resurfacing



HW349TOUR

State Touring Routes Resurfacing

Anticipated construction timeline

- Spring 2026 – Summer 2027

Construction cost

- \$17 million

Scope of work

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



Projects in Design

QED1063AC Water Mains

Anticipated construction timeline

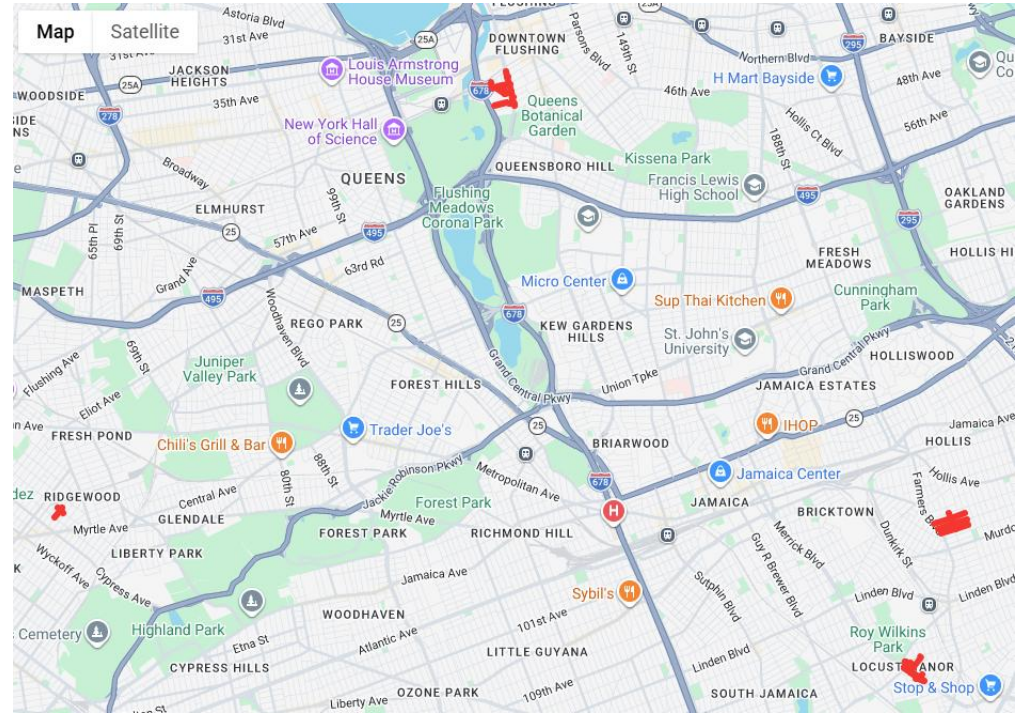
- Fall 2026 – Spring 2028

Construction cost

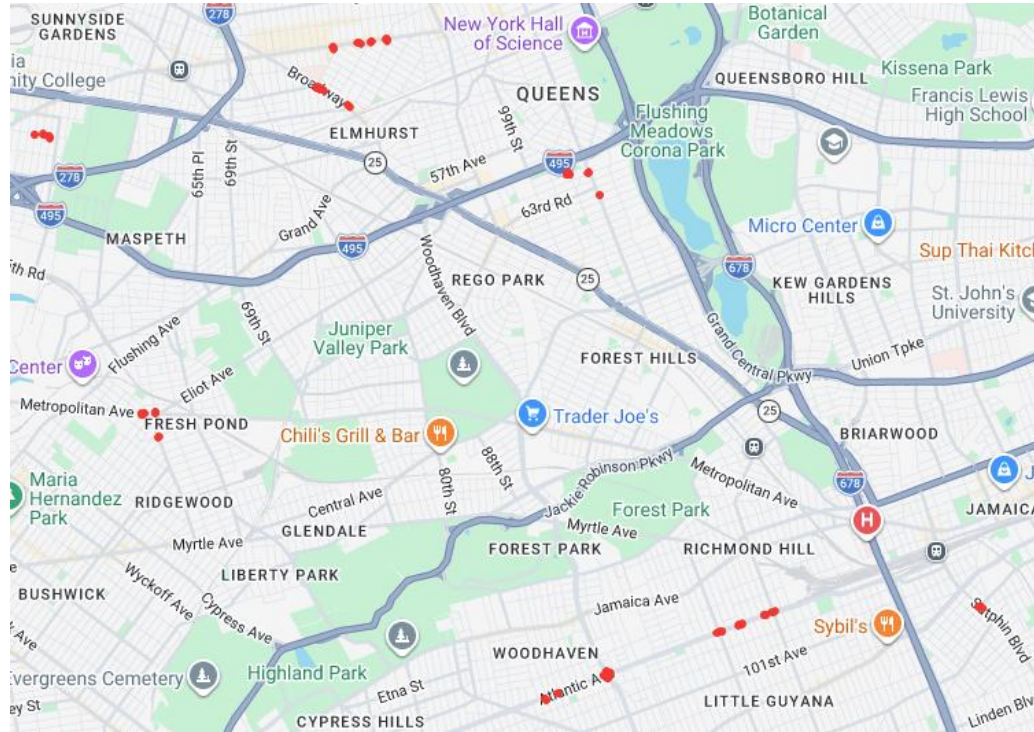
- \$20 million

Scope of work

- Replace water mains



HWCSCHPQN Safe Routes to Schools



HWCSCHPQN Safe Routes to Schools

Construction timeline

- Fall 2026
to Fall 2028

Construction cost
\$23 million

Scope of work

- Pedestrian safety improvements
 - Curb extensions
 - Median tip extensions



HWCRCDB Citywide Raised Crosswalks

Anticipated construction timeline

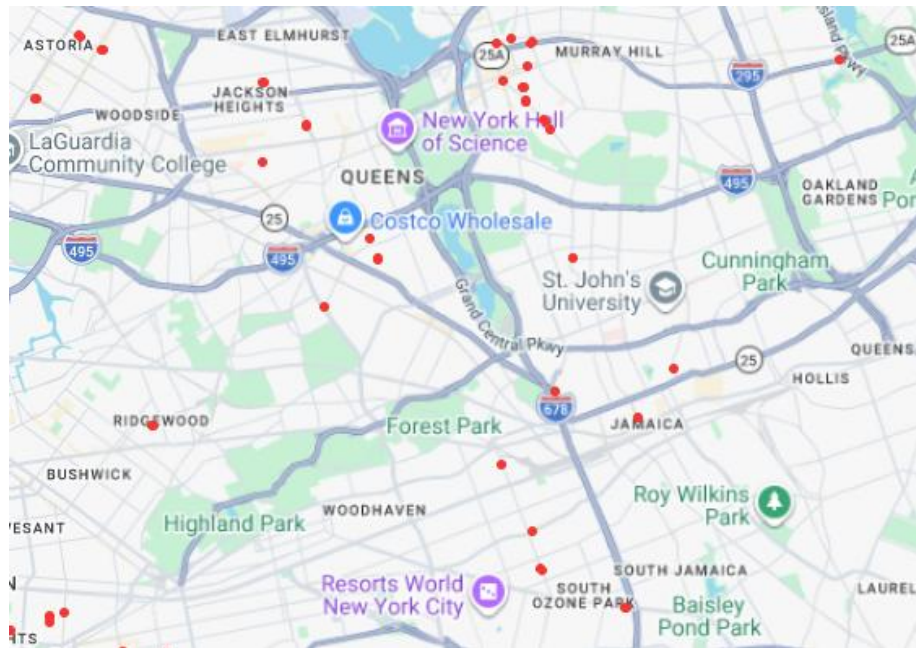
- Fall 2026 – End of 2028

Construction cost

- \$86 million

Scope of work

- Raised crosswalks at locations selected by NYC DOT
- Using design build



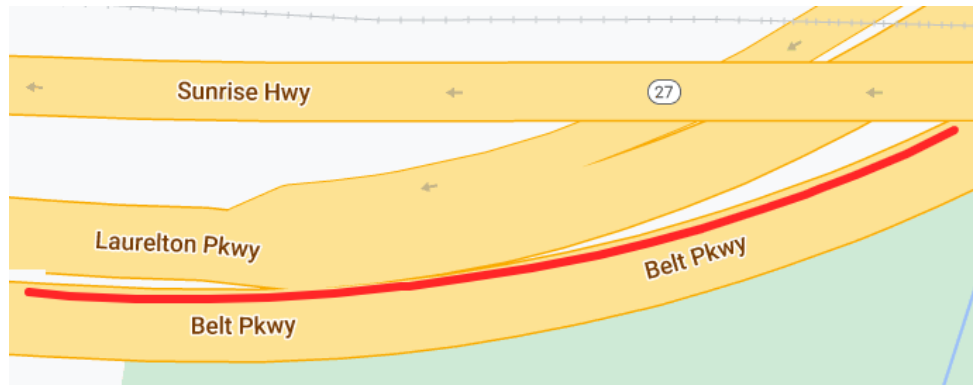
HWCRCDB Citywide Raised Crosswalks

Benefits

- Encourages lower vehicle speeds
- Increases pedestrian visibility
- Prompts motorists to yield to pedestrians
- Enhances access by providing level crossing
- Offers convenient pedestrian circulation



HWQ1205 Belt Parkway Barrier Reconstruction



Anticipated construction timeline

- Spring 2027 – Spring 2028

Construction cost

- \$3.4 million

Scope of work

- Construct new concrete barriers with deep foundations

SEQ-SACBA Saint Albans Cloudburst Demonstration Project

Anticipated construction

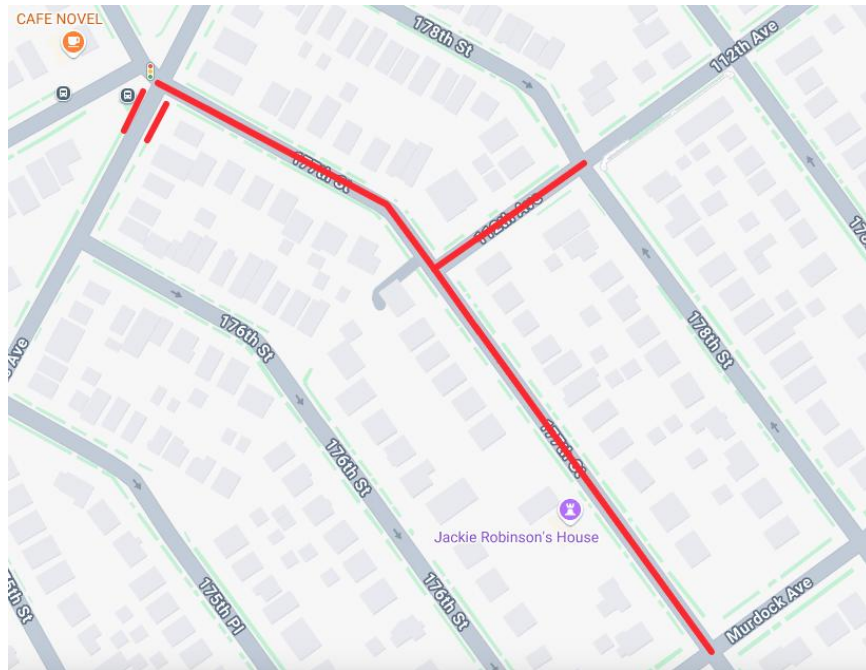
- Spring 2027 – Spring 2029

Construction cost

- \$6 million

Scope of work

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



SEQ-SACBA Saint Albans Cloudburst Demonstration Project

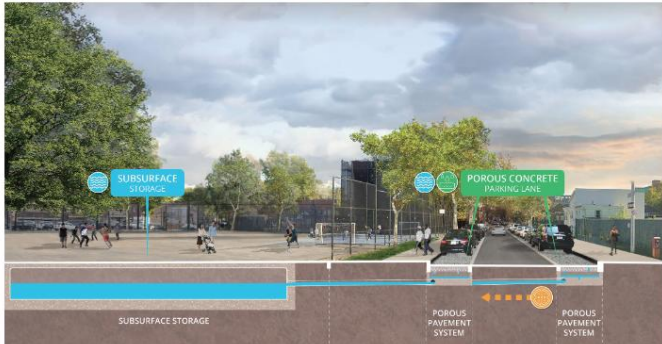
<https://www.nyc.gov/site/dep/environment/cloudburst.page>

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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: a large blue box labeled 'SUBSURFACE STORAGE' on the left, and two orange circular areas labeled 'POROUS PAVEMENT SYSTEM' on the right, connected by arrows indicating water flow.

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

SE-885 Spine Storm Sewer

Anticipated construction timeline

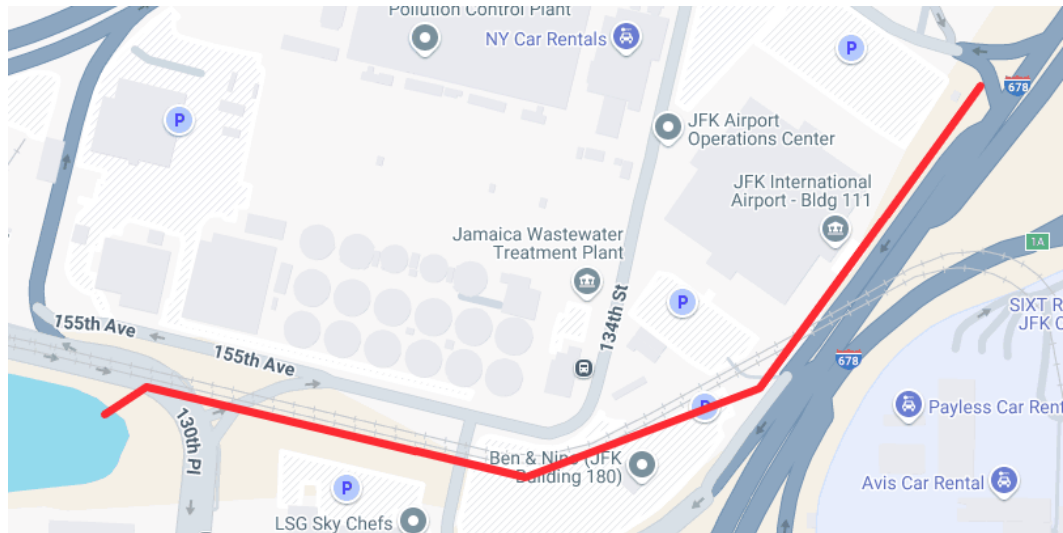
- Spring 2027 – Spring 2030

Construction cost

- \$149 million

Scope of work

- Construct trunk storm sewer
- Construct outfall at Bergen Basin



SEQPGRD2 Priority Grids

Anticipated construction

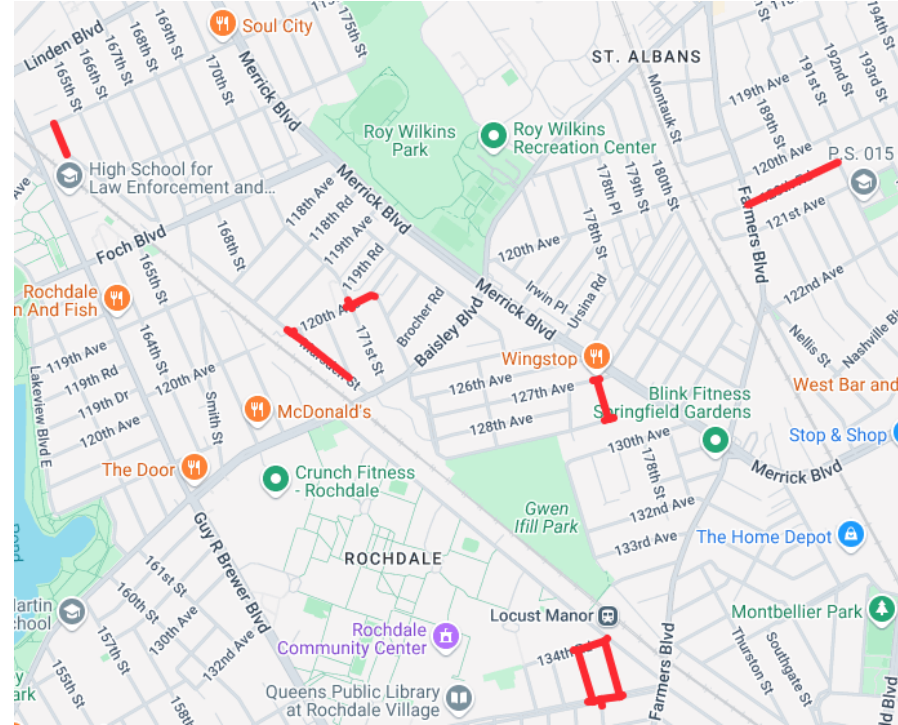
- Summer 2027 – Summer 2029

Construction cost

- \$46 million

Scope of work

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



HWQ121B3 South Jamaica

Anticipated construction timeline

- Summer 2027 – Summer 2030

Construction cost

- \$40 million

Scope of work

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



SE860 71st Street

Anticipated construction timeline

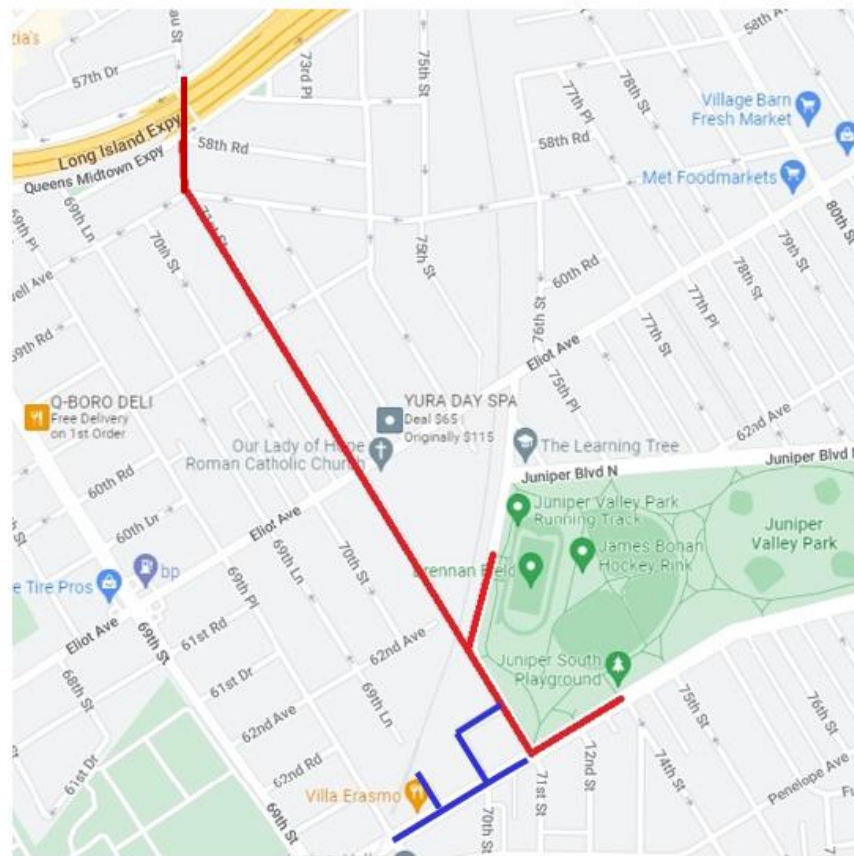
- Summer 2027 – Summer 2031

Construction cost

- \$125 million

Scope of work

- Sewer replacement
- Water main replacement



HWQ100SBB Woodhaven Boulevard SBS



HWQ100SBB Woodhaven Boulevard SBS

Anticipated construction timeline

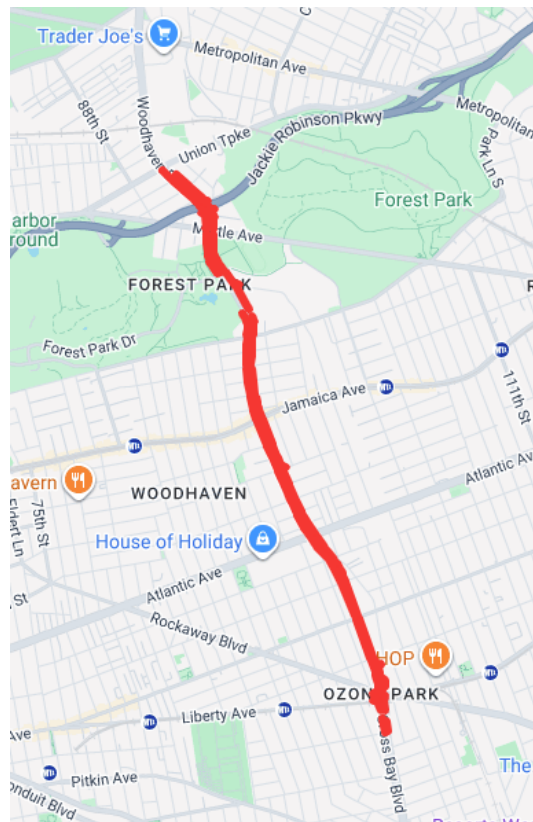
- Summer 2027 – Summer 2030

Construction cost

- \$58 million

Scope of work

- Widen medians
- Install neck downs
- Normalize intersections



HWQ100SBB Woodhaven Boulevard SBS



SE-862 Springfield Gardens

Anticipated construction timeline

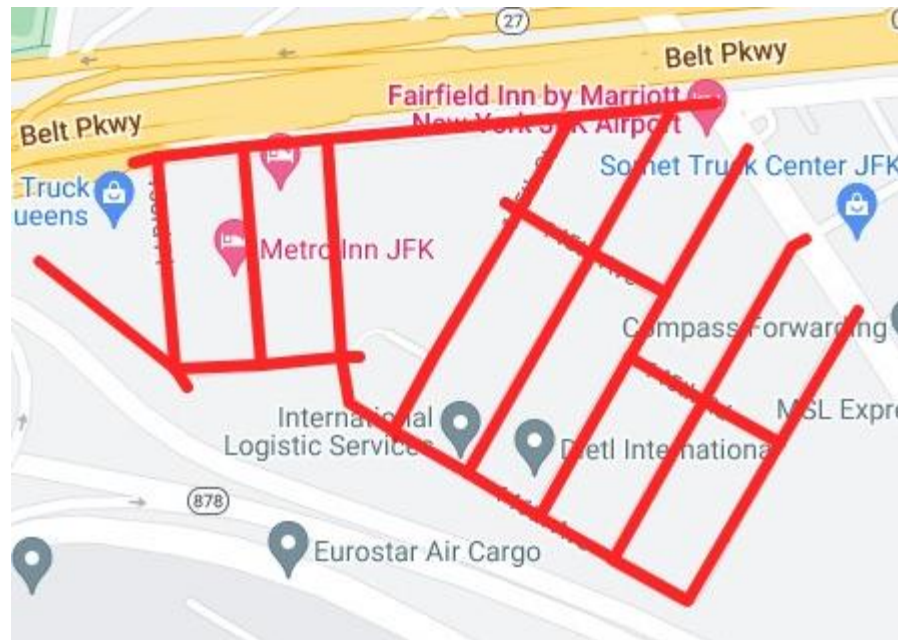
- Summer 2027 – Summer 2030

Construction cost

- \$110 million

Scope of work

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



QED-1049 111th Street

Anticipated construction timeline

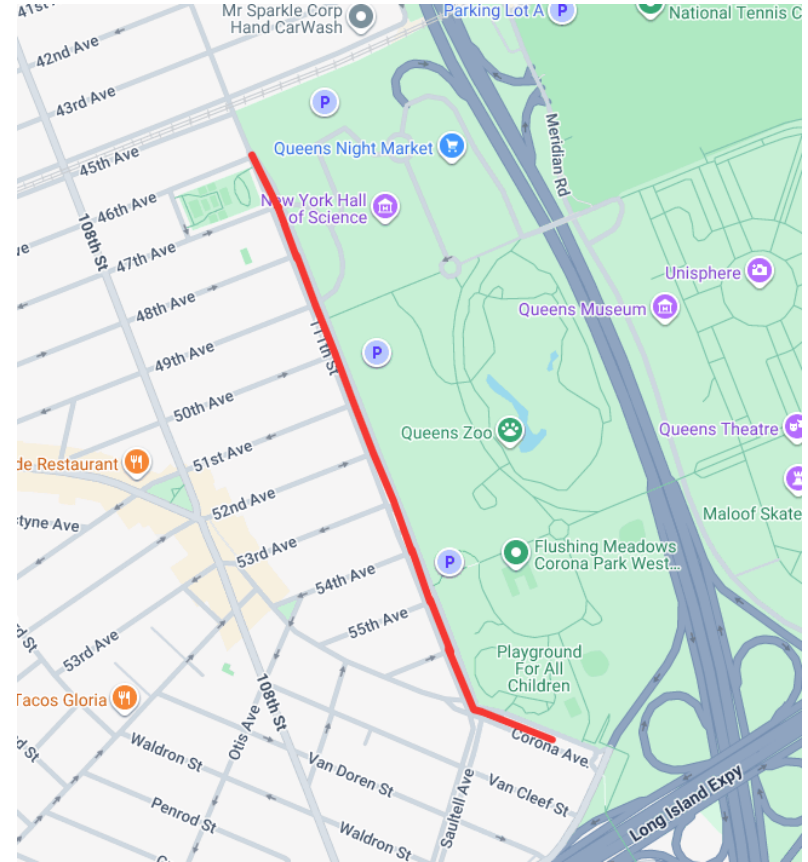
- Fall 2027 – Fall 2029

Construction cost

- \$95 million

Scope of work

- Replace water mains
- Vision zero street safety improvements



HWQ1201 Astoria Boulevard Safety Improvements



Anticipated construction timeline

- Fall 2027 – Fall 2029

Construction cost

- \$11 million

HWQ1201 Astoria Blvd Safety Improvements

Scope of work

- Curbs, curb ramps, median tip extensions
- Bus bulbs
- Retaining walls
- Left turn bays and crosswalks
- Landscaping
- Fire hydrants
- Utility grates and manholes
- Catch basins



Project Overview



QED1027 Queens Village

Anticipated construction timeline

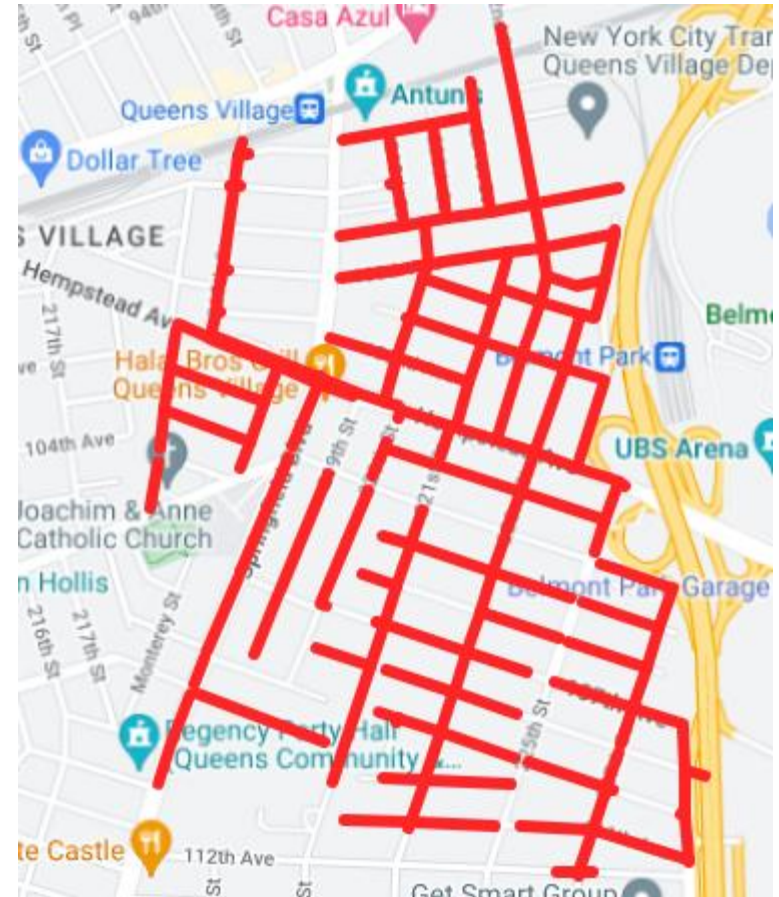
- Fall 2027 – Fall 2030

Construction cost

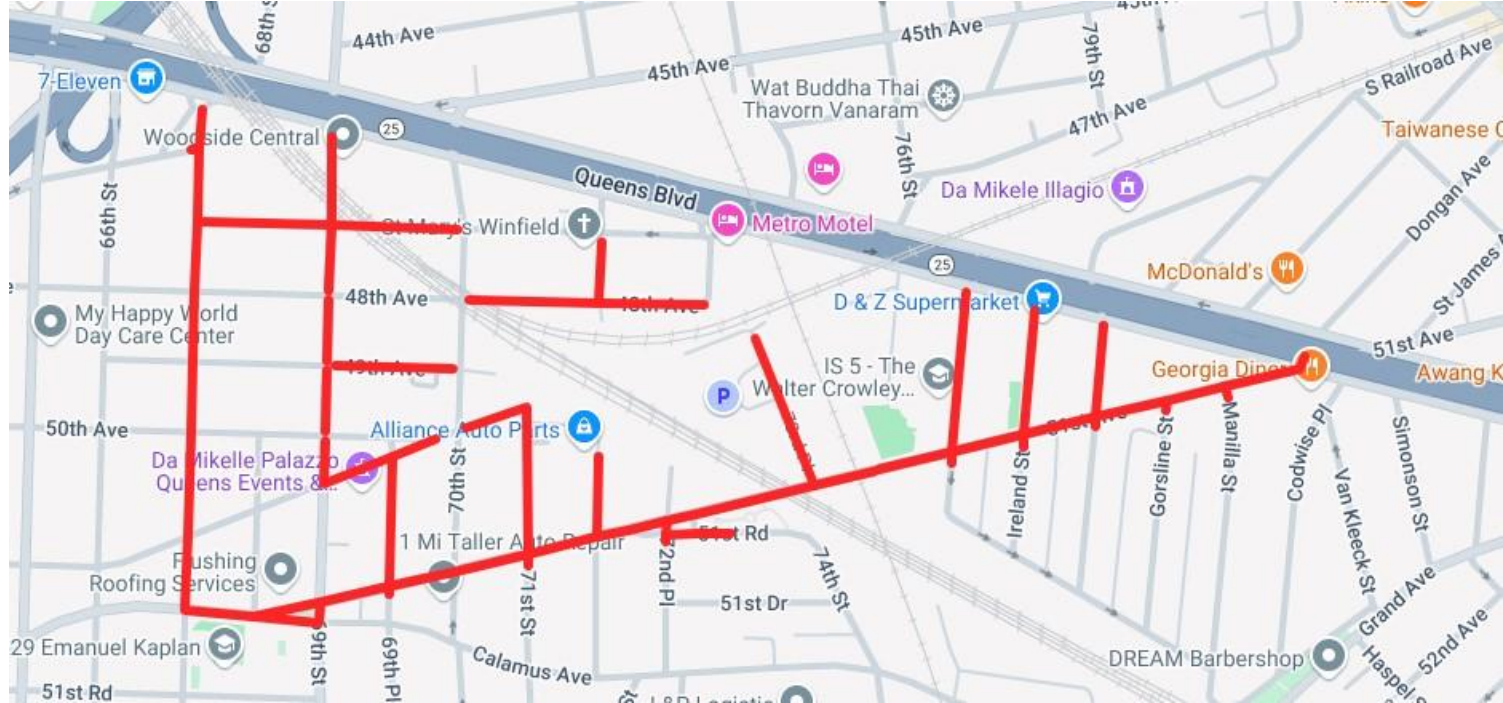
- \$34 million

Scope of work

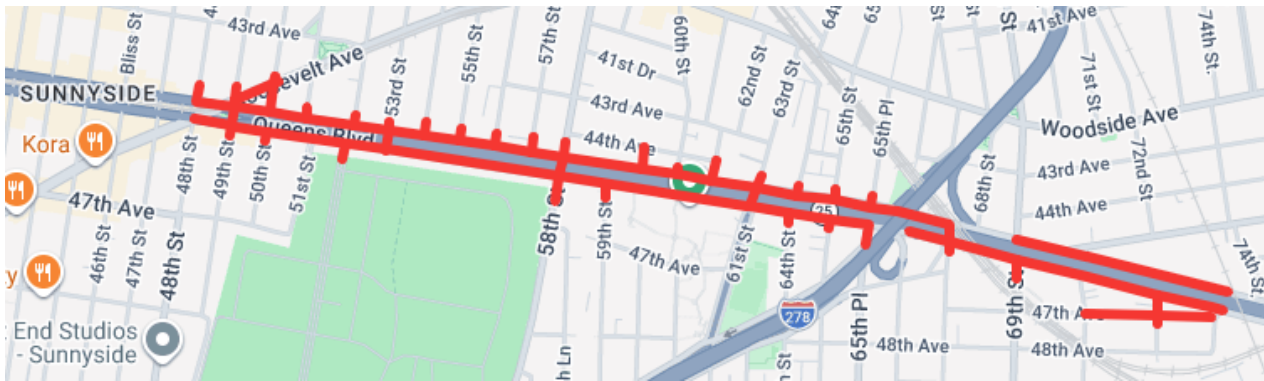
- Replace water mains



QED1060 Woodside



HWQ1190A Queens Boulevard, Phase One



Anticipated construction timeline

- Fall 2027 – Fall 2031

Construction cost

- \$188 million

HWQ1190A Queens Boulevard, Phase One

Scope of work

- Streetscape improvements
- Partial street reconstruction
- Trees and vegetation
- Green infrastructure
- Upgraded street lighting and traffic signals
- Sewers
- Distribution water main
- Trunk water main

SEQ200605 South Jamaica

Anticipated construction timeline

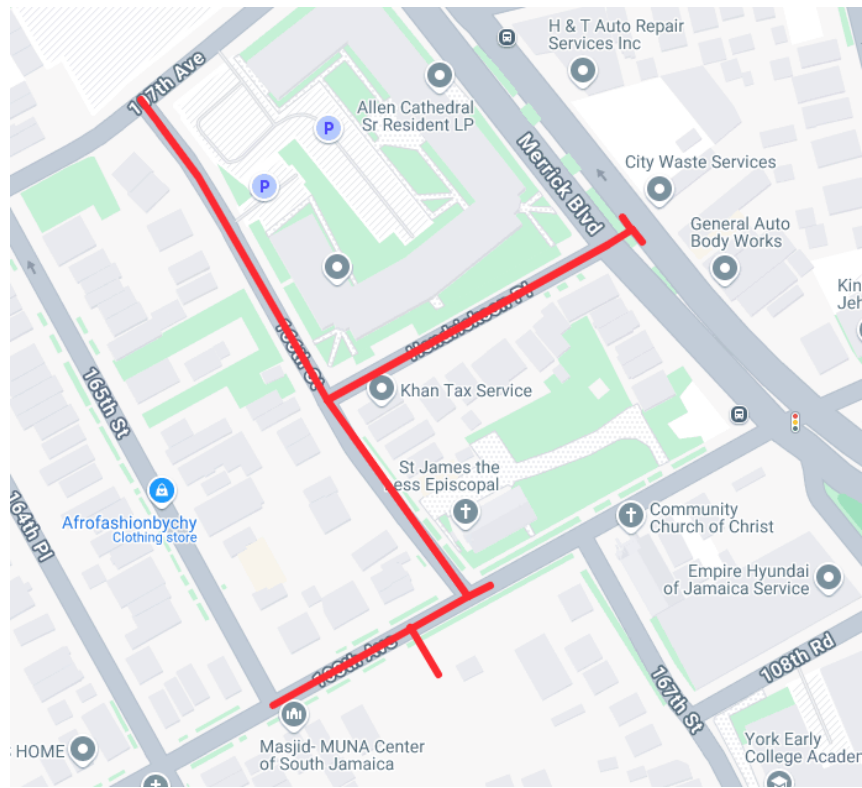
- Spring 2028 – Spring 2030

Construction cost

- \$17 million

Scope of work

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



SE-877 Infrastructure Upgrades for 77th Avenue

Anticipated construction timeline

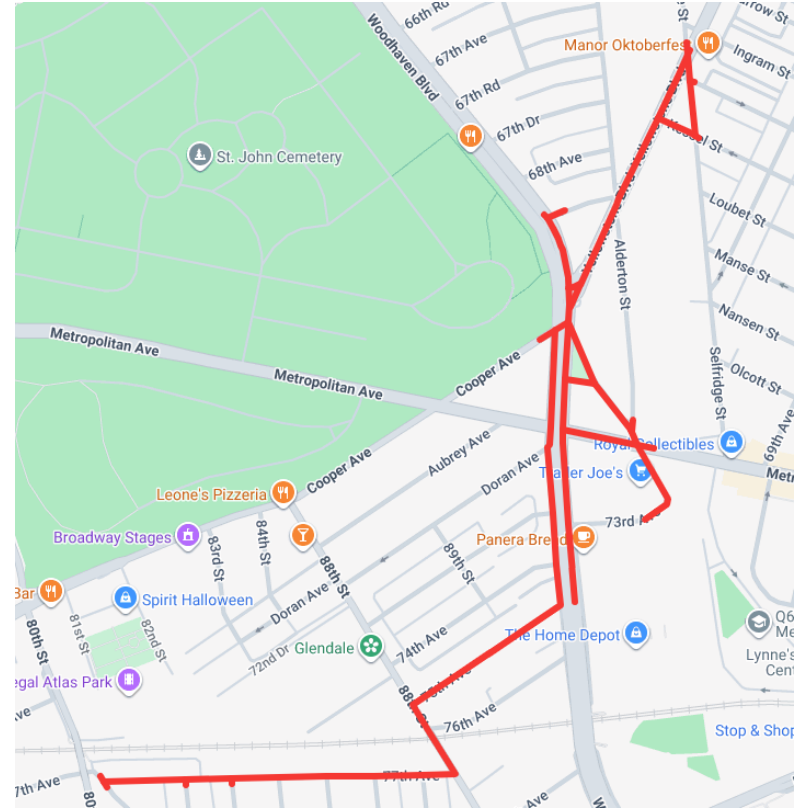
- Summer 2028 – Summer 2031

Construction cost

- \$113 million

Scope of work

- Replace water mains
- Replace combined sewers
- Extend curbs
- Extend median tips
- Install bus pads



CS-NC-BAF Diversion Chamber, Tide Gate, & Force Main

Anticipated construction timeline

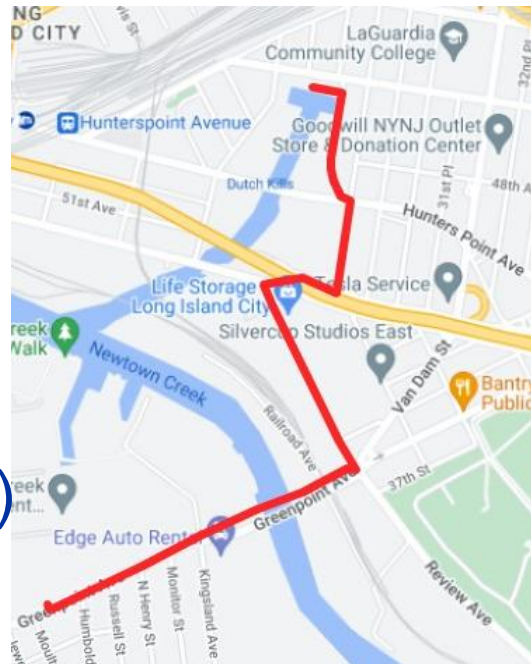
- Fall 2028 – End of 2030

Construction cost

- \$59 million

Scope of work

- Diversion chamber (control wastewater flow)
- Tide gate (control tidal waters)
- Add new sewer lines
- Provide new force mains (push wastewater)



QED1060 Woodside

Anticipated construction timeline

- Fall 2027 – Fall 2030

Construction cost

- \$51 million

Scope of work

- Replace water mains
- Vision zero street safety improvements



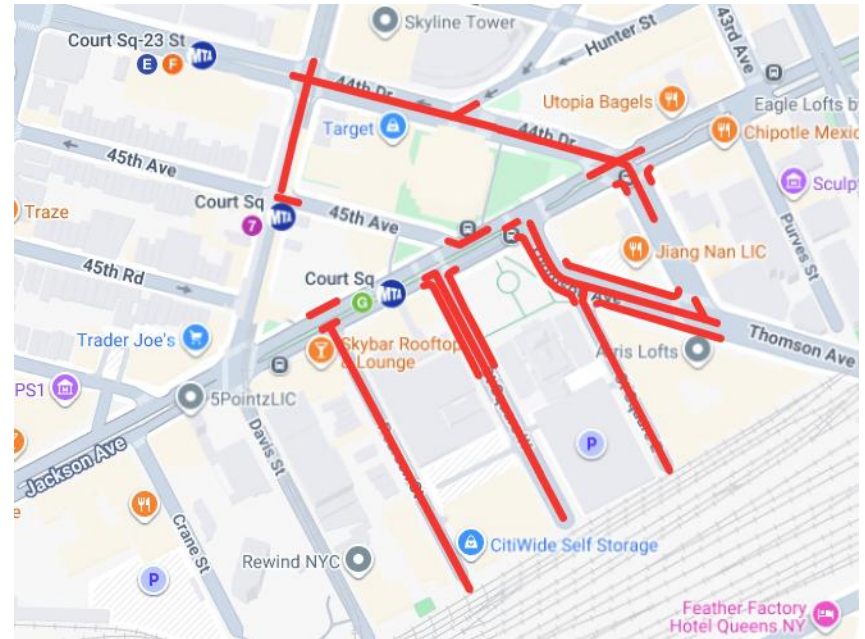
HWQ788CS Court Square Pedestrian Improvements

Anticipated construction timeline

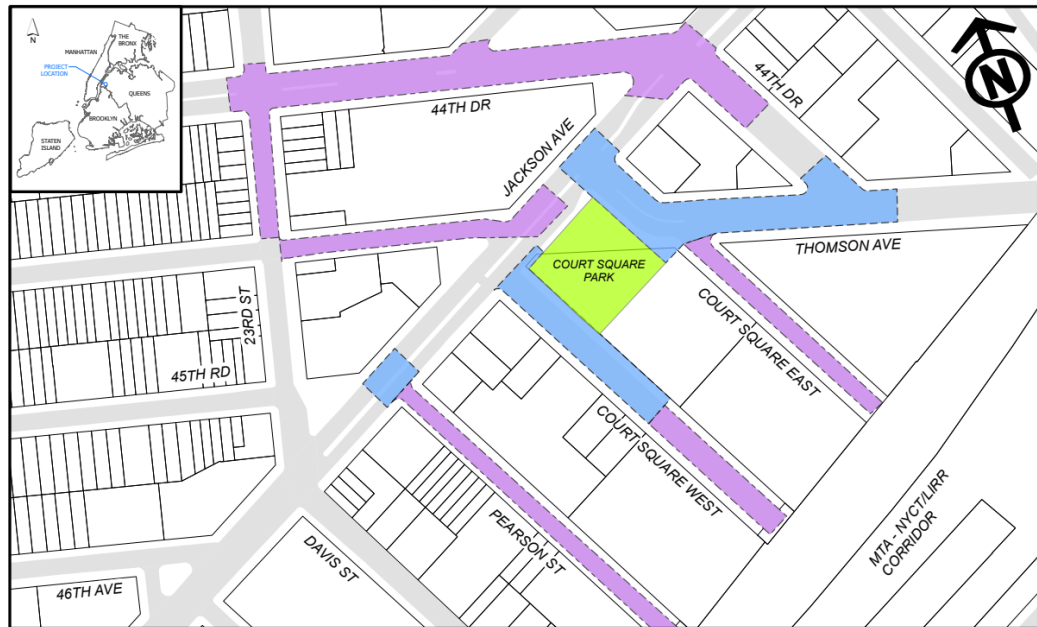
- End of 2027 – End of 2030

Construction cost

- \$14 million



COURT SQUARE PEDESTRIAN IMPROVEMENTS



PROJECT LOCATION MAP

0 75 150 300
Feet

LEGEND

- DOT & DEP Project Limits
- DEP Project Limits

- Lot Lines
- Park

- **DEP Project Limits (Purple) limited to water main replacement**

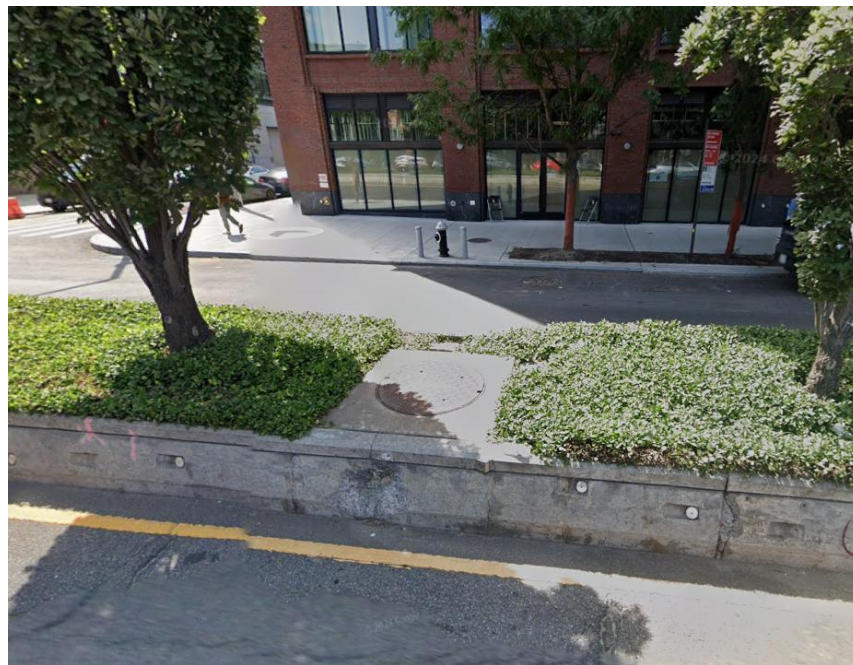
COURT SQUARE WEST SHARED STREET

- Jackson Ave to approx. Midblock
- Prioritize Pedestrian Movements
- Raise Road, Eliminate Standard Gutter Line
- Install Detectable Warning Units
- Enhance Roadway Delineation
- Concrete Pavement Surface
- Upgrade all Non-ADA Compliant Ramps



PEARSON STREET MEDIAN CUT-THROUGH

- Pearson St at Jackson Ave
- New Signalized Pedestrian Access
- Connect Subway Station to Points South
- Improve Pedestrian Safety
- Upgrade all Non-ADA Compliant Ramps



Jackson Ave at Pearson St, looking south

THOMSON AVE CURB EXT./PUBLIC SPACE

- Thomson Ave between Jackson Ave and 44th Drive
- Raised Crosswalk at intersection of Thomson Ave and Court Square East
- New Pedestrian crossings across Thomson Ave at the intersections of Court Square East and 44th Drive
- Increase Pedestrian Space adjacent to Court Square Park
- Widen Sidewalks and change traffic to a One-Way Street
- Upgrade all Non-ADA Compliant Ramps



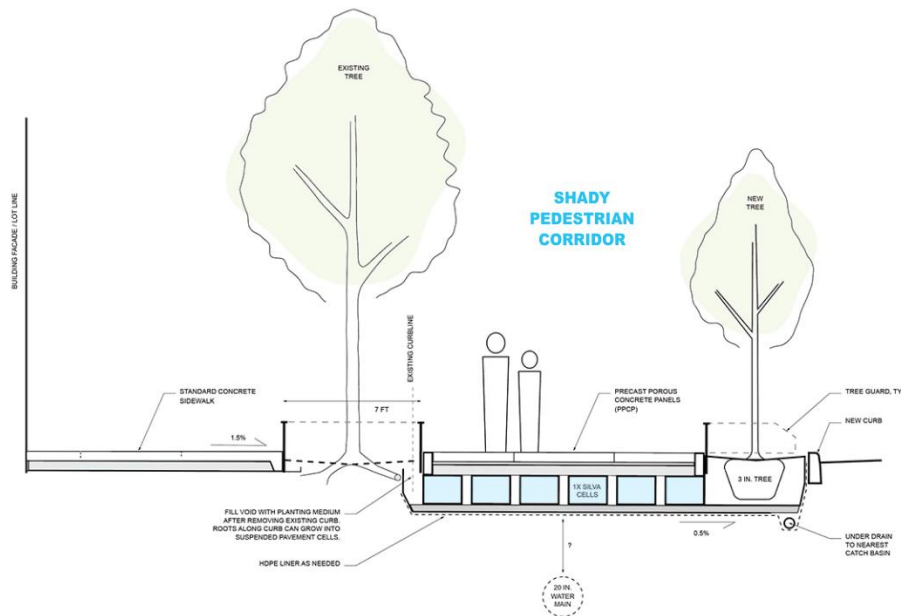
Thomson Ave at Court Square East, looking southeast

GREEN INFRASTRUCTURE INITIATIVES

- **Proposed Right of Way Concrete Top Infiltration Basins**
 - Pearson Street
 - Thomson Avenue



Infiltration Basin with Concrete Top



GQ-BBCLST Green Infrastructure

Anticipated construction timeline

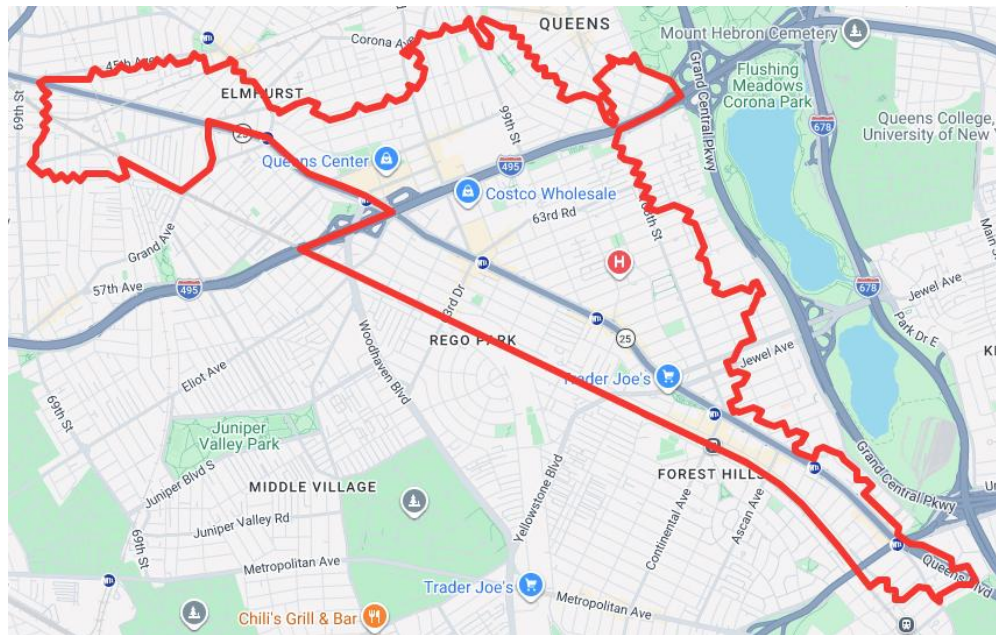
- End of 2028 – End of 2031

Construction cost

- \$30 million

Scope of work

- 540 sidewalk assets
 - Rain gardens
 - Infiltration basins
- Precast porous concrete paneling (13,000 linear feet)



HWK876 Wyckoff Avenue Reconstruction

Anticipated construction timeline

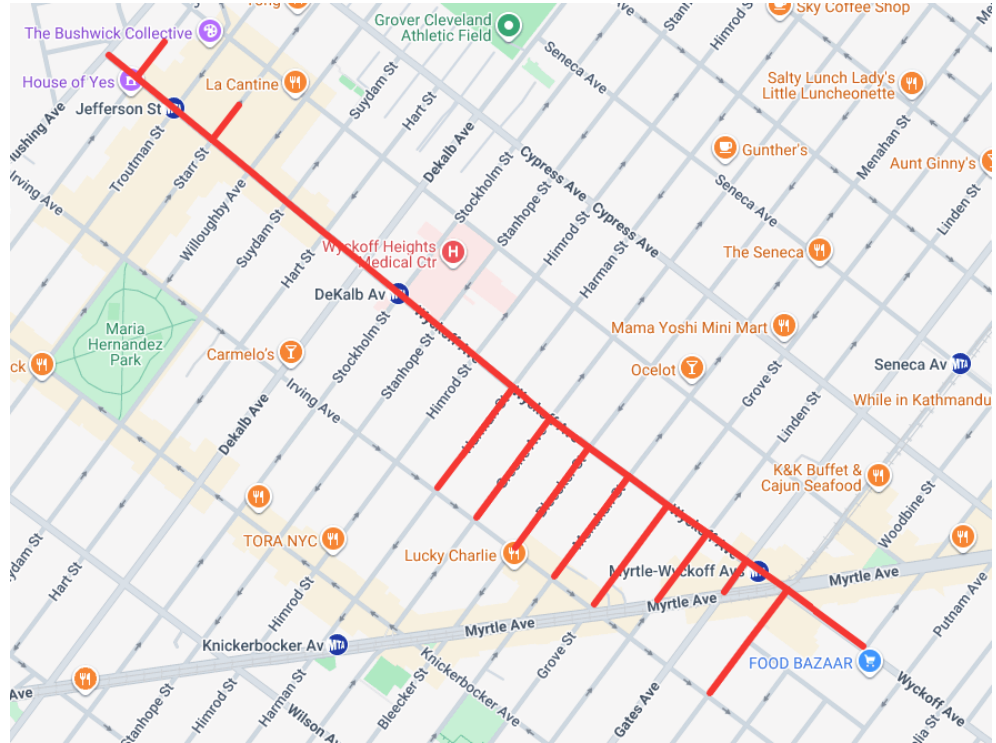
- Spring 2027 – Spring 2030

Construction cost

- \$42 million

Scope of work

- Street reconstruction
- Pedestrian plaza
- Water main and sewer replacement



HWK876 Wyckoff Avenue Reconstruction



Q&A

Thank you!