

NORTHWEST BRONX SCHOOL SAFETY IMPROVEMENTS

WEST 254TH STREET/VAN CORTLANDT PARK EAST

PROJECT ID: HWX406
RIVERDALE AND WOODLAWN
BOROUGH OF THE BRONX

DESIGN UPDATE – CM Eric Dinowitz Office, The Bronx

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BACKGROUND

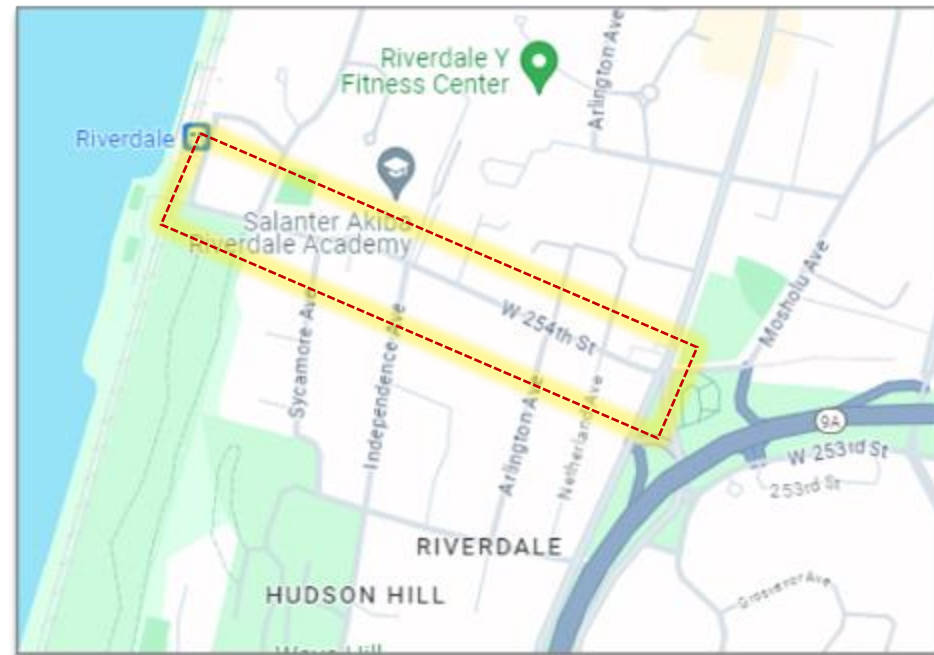
A DOT School Safety Capital Project

- Improve pedestrian safety and accessibility near two schools and Metro-North.
 - Salanter Akiba Riverdale (SAR) Academy on West 254th Street
 - Judith K. Weiss Woodlawn School (P.S. 19) on East 237th Street

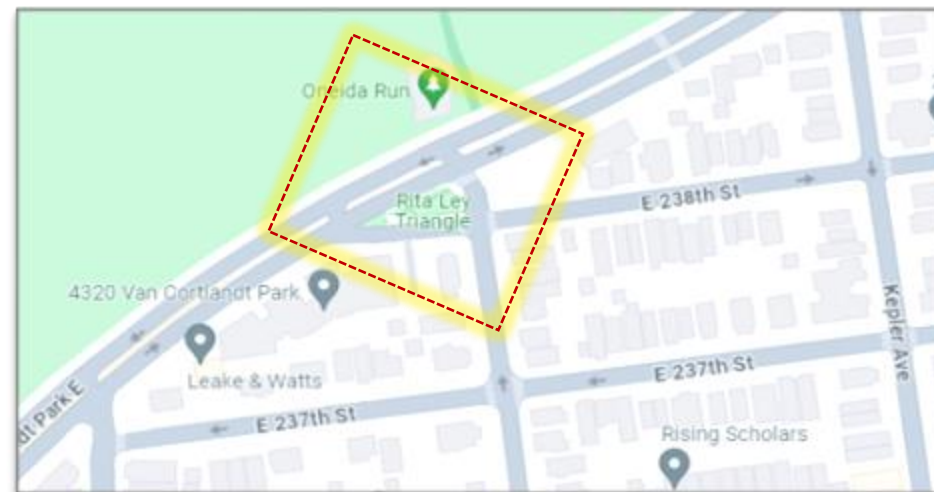
- Project Locations

Location 1 – West 254th Street from Railroad Terrace to Riverdale Avenue

Location 2 – Van Cortlandt Park East and East 238th Street



Location 1 – West 254th Street from Railroad Terrace to Riverdale Avenue



Location 2 – Van Cortlandt Park East and East 238th Street

BACKGROUND

West 254th Street from Railroad Terrace to Arlington Avenue

Existing Street Conditions

- West 254th Street is used by SAR Academy students to access school
- West 254th Street also leads into the Metro-North Riverdale Train Station
- Missing sidewalks and curbs
- Poor roadway surfaces
- Lack of ADA compliant pedestrian ramps
- Poor visibility



TEMPORARY IMPROVEMENTS

West 254th street from Railroad Terrace to Arlington Avenue

Interim Improvements in 2023

- Temporary pedestrian path along north curb to provide safer access for students and local residents
- All-way stop controlled intersections and new crosswalks on West 254 Street at Sycamore Avenue and at Independence Avenue
- Flexible delineators, granite blocks, and planters added as protection for pedestrians
- Potential future adjustments: replacing some of the granite blocks with jersey barriers



BACKGROUND

West 254th Street from Railroad Terrace to Riverdale Avenue

Existing Sewer and Watermain Conditions

- Water main installed in the 1920s showing signs of aging
- Existing sewers exhibit cracks and defects
- Undersized sewers on West 254th Street from Independence Avenue to Palisades Avenue
- Undersized sewer on Palisade Avenue between West 254th Street and West 255th Street



PROPOSED IMPROVEMENTS

West 254th street from Railroad
Terrace to Arlington Avenue

Capital Project Improvements

- Streetscape Amenities – street trees, planting strip (street tree removals and plantings)
- Upgraded infrastructure - street lighting, signage
- No reduction in traffic flow capacity

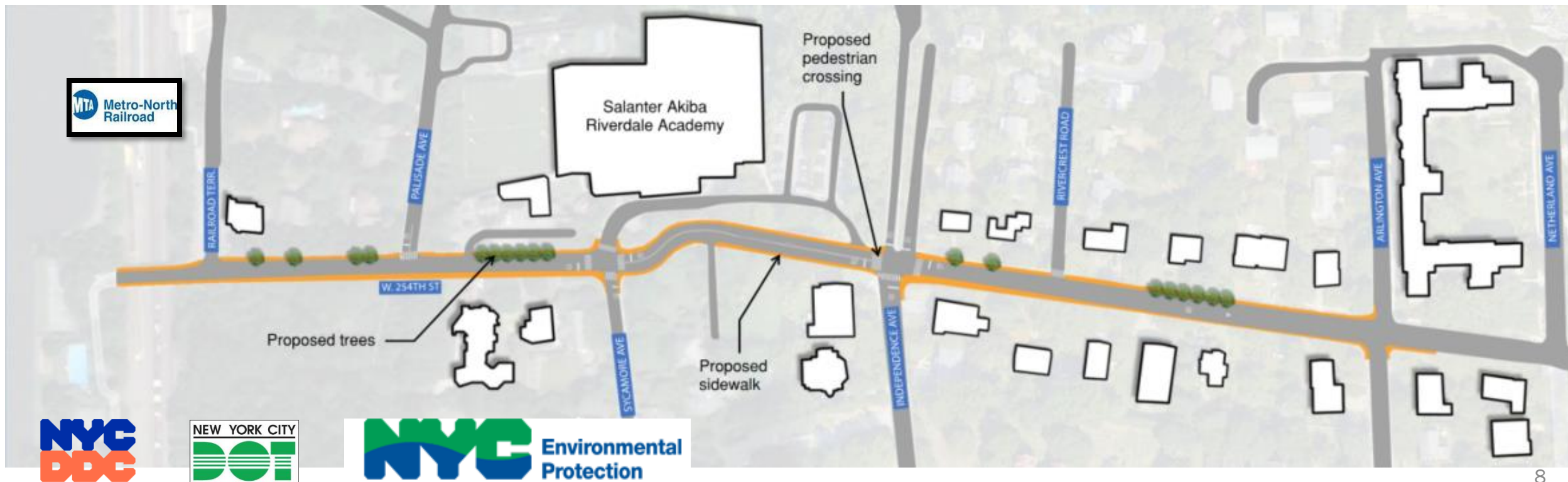


PROPOSED IMPROVEMENTS

West 254th street from Railroad Terrace to Arlington Avenue

Capital Project Improvements

- Full roadway reconstruction with one 12 ft travel lane in each direction
- Continuous 5' to 8' sidewalks on both roadway sides
- ADA compliant pedestrian ramps and crosswalks



PROPOSED IMPROVEMENTS

West 254th street from Railroad Terrace to Riverdale Avenue

Sewer and Water Main Improvements

- Water main replacement and upsized for 2000 LF from
 - Railroad Terrace to Palisade Avenue
 - Independence Avenue to Riverdale Avenue
- New sanitary and storm sewers, both spanning approximately 1300 LF from Palisade Avenue to east of Rivercrest Road
- New sewer for 450 LF on Palisade Avenue from West 254th Street to West 255th Street
- New catch basins and green infrastructure practices for capturing stormwater



NEW SEWERS

NEW WATER MAINS

CHALLENGES

Design Challenges

NYCDEP

- Design changes mid-project for sewer upgrades
- **DEP Unified Stormwater Rule - West 254th Street 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

Private utility coordination

- (Con Edison, ECS, AlticeUSA) – Required underground and overhead utility relocation per sidewalk construction and DEP sewer / water main upgrades

MTA coordination

- Metro-North Hudson Line and the Riverdale Metro-North Station adjacent to project area.



CHALLENGES

Design Challenges

NYCDOT

- Street Lighting - Requires relocation of light poles
- OCMC - Maintain roadway open, school and property access during construction
- Pedestrian – Geometry constraints for installation of ADA compliant pedestrian ramps
- Highway Design - Steep roadway alignment
- Street Parking – Restrictions to parking during and after construction

Landmarks Preservation Commission

- Protect Riverdale Historic District

Community

- Minimize land acquisition
- Minimize impacts to encroachments on both sides of West 254th Street
- Ensure smooth transition to driveways, pathways, walkways, and entrances
- Tree mitigation Plans are pending



TENTATIVE PROJECT MILESTONES

Estimated timelines are subject to change as project is still in design.

- March 2025 – 40% Design Plans Complete
- August 2025 – 75% Design Plans Complete
- February 2026 – 100% Design Plans Approval
- March 2026 – Advertise Bid
- April 2026 – Bid Opening
- October 2026 – Award Contract
- Early Winter 2027 – Start Construction

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:

Email:

Phone:

Field Office Location:

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
DOC


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

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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
204sewered@gmail.com

Field Office Address
48-38 201st Street
Bayside, NY 11364

During non-working hours
please call 311 and provide
the Project ID: SEQ200509

Infant/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
\$2,870,546.79

General Contractor
Maeph Supply Co., LLC

R.E.I. Firm
SI 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.

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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/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
Police officers will be
maintained at all times
- Driveway access will be
maintained at all times.
- Gas, 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 718-422-0673, or by email at
soniaquinones@nyc.gov

Bill de Blasio
Mayor

Alex Sarno
Acting Commissioner

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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 advance, 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 Giglio, the Community Construction Liaison at (646) 723-9925 or MEDE625CCL@gmail.com

Eli de Blasio
Mayor

Lorraine Gaillo
Commissioner

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Reconstruction Newsletter

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Department of
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Construction

Third Quarter 2018

Brooklyn

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

Brooklyn, Fresh Creek Basin Area

Project SE855/ Phase 2B

The NYC Department of Design and Construction
NYC DOC 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 \$50.3M 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-COHC,
Wednesdays, 7:00 a.m. to 6:00 p.m. and anticipated project
completion in 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 tree planting. 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 CSO 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 separate pipes and outfall to a waterbody, this
strategy is only cost-effective for developments near
the water's edge
[http://www.doc.nyc.gov/html/dept/html/stormwater/other_in
vestments_hlss.html](http://www.doc.nyc.gov/html/dept/html/stormwater/other_in
vestments_hlss.html)

Anticipated Work Schedule: Summer 2018
Install 15" & 24" Combined Sewer on E. 109th Street from
Farago Road to Stanley Avenue
Install 24" & 30" Combined Sewer on Stanley Avenue
from E. 109th Street to Williams Ave
Continue installation of Storm Sewer work on Glenwood Road
from E. 106th Street to E. 101st Street
Install 12" & 20" Water Main on Stanley Avenue from
E. 108th Street to Williams Avenue
C&A Pipe Load Test - East 102nd Street

Work Performed to Date:
-Installed 24", 15" & 12" Combined Sewer on E. 104th Street
from Glenwood Road to Farago Road
-Installed 15" & 18" Combined Sewer on E. 106th Street from
Glenwood Road to Turnpike Ave (MTA E. 106th Street MTA
Subway Station)
-Installed 18" Combined Sewer on E. 102nd Street from
Flattlands Avenue to Glenwood Road
-Installed 15" & 18" Combined Sewer on E. 102nd Street from
Glenwood Road to Farago Road
-Installed new 42" Combined Sewer on Glenwood Road from
E. 98th Street to E. 101st Street
-Installed new 12" Water Main tie-in on Glenwood Road from
E. 102nd Street to E. 102nd Street
-Installed new 12" Water Main and Service Connections on E.
102nd Street from Glenwood Road to Flattlands 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. 98th
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 be shut off by placing the valves 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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DOC Video
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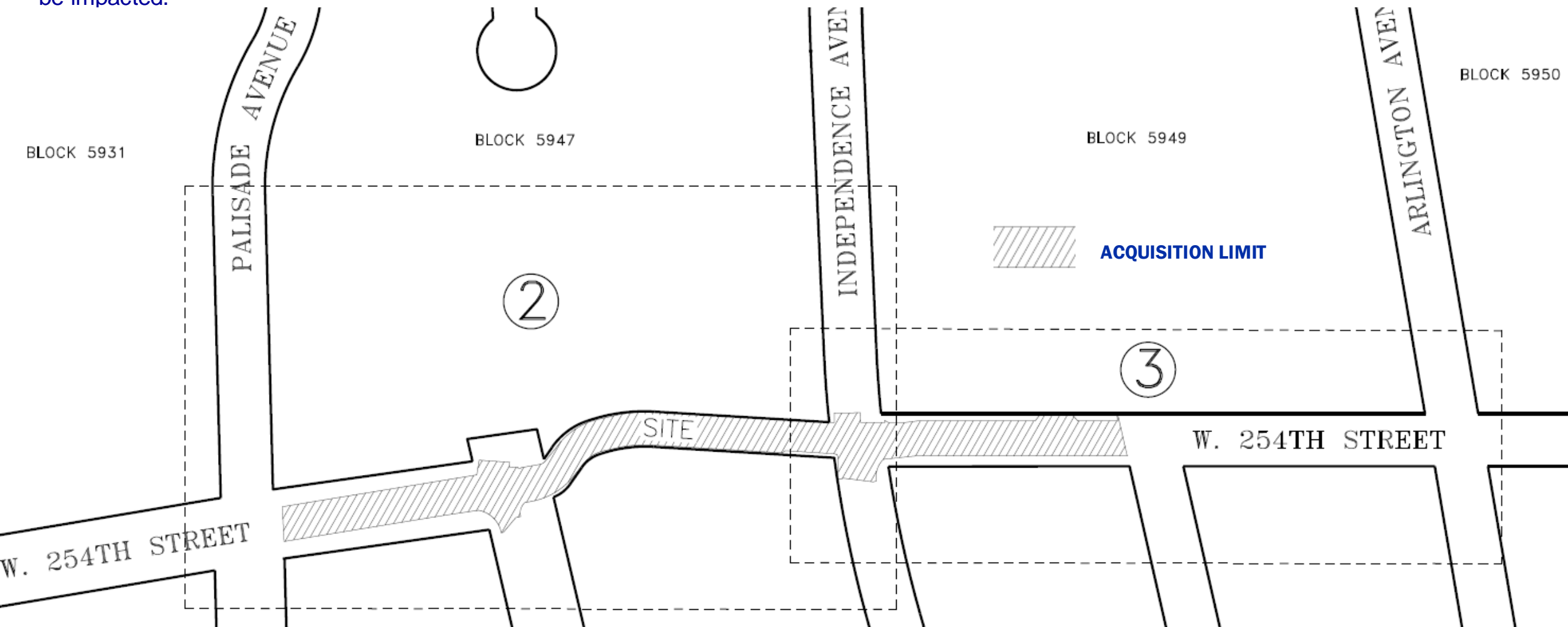
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STREET ACQUISITION



City is acquiring W. 254th Street, extending from Palisade Avenue to Blackstone Avenue, along with portions of Block 5947, Lot 1, 5949, Lots 265, 268 & 271 and Block 5942, Lot 298, Block 5939, Lots 399 & 410 and Block 5937, Lot 493 with a total of 1,654 square feet.

This acquisition is necessary to accommodate the construction of a new street alignment, which extends beyond the existing roadway, curbs and sidewalks. As part of the acquisition, portions of lots and any private improvements which the mapped street right-of-way may be impacted.



STREET ACQUISITION

City is acquiring portions of lots along W. 254th Street, extending from Independence Avenue to Blackstone Avenue.

Below is an image of street acquisition limits, as shown on the Damage and Acquisition Map, highlighting the portions of lots being taken.

A table of property information and the square footage of area acquired is also included on the right side.



DAMAGE PARCEL NO.	BLOCK NO.	LOT NO.	REPUTED OWNER(S)	AREA IN SQ. FEET	
				TAKEN	REMAINING
1	5947	1	SAR ACADEMY	460	211,535
2-1	5949	271	SAFDIE, ABRAHAM HALVEY, JENNA	4	7,756
2-2				96	
3	5949	268	SCHORR JUDAH	302	8,006
4	5949	265	NORINSBERG, JON	368	9,663
7	5942	298	R SCHWARTZ	179	10,949
8	5939	410	5297 LLC	3	30,133
9	5939	399	MARTIN, Yael MARTIN, JONATHAN SCHILLER, Yael	18	14,396
10	5937	493	WALTERS, SUZANNE	224	7,854
TOTAL:				1,654	



NORTH SIDE OF W. 254TH STREET FROM INDEPENDENCE AVENUE TO BLACKSTONE AVENUE

CITY-OWNED STREET



RAILROAD
TERR.

EXISTING WALL TO BE REMOVED OR
RELOCATED

COORDINATE WITH WOOD
POLE OWNER TO REMOVE
OR RELOCATE WOOD
POLE (TYP.)

EXISTING WALL TO
BE REMOVED OR
RELOCATED

NEW PLANTING STRIP, 3' WIDE (TYP.)

LIMITS OF NEW CONCRETE SIDEWALK
TRANSITION CURB TO ZERO INCH -
REVEAL TO MEET EXISTING
GROUND, SEE NOTE 1

EXISTING TREE TO BE
REMOVED (TYP.)

Certain segments within the project limits
that are within City-owned streets.

The westernmost block, extending from
Palisade Avenue to Railroad Terrace,
was deeded to the City in 1942 with a
width of 80 feet.

The easternmost block, extending from
Blackstone Avenue to Arlington Avenue,
was deeded to the City in 1960 with a
width of 60 feet.

There are several encroachments on the north side of this block
into the City-owned right-of-way, including privately constructed
retaining walls, landscaping and natural forested areas.



NORTH SIDE OF W. 254TH STREET FROM PALISADE AVENUE TO RAILROAD TERRACE

BPO STREET LEGAL STATUS MAP

ACQUISITION MILESTONES



Acquisition process milestones and projected schedule, which is subject to change.



ACQUISITION PROCESS FREQUENTLY ASKED QUESTIONS



1. Will the City condemn the property or lot?

The City will need to acquire portions of several lots, including areas of roadway, curb, sidewalk, and grass that extend into the mapped street within certain sections of the project.

2. How does the acquisition process affect the certain properties?

Certain lots impacted by the acquisition will have their tax lot dimensions adjusted. However, adjacent lots that are not affected by the street acquisition will remain unchanged.

3. How does street reconstruction and street acquisition affect the property improvements or fixtures?

Property improvements or fixtures, such as fences, walls, or movable structures, that extend beyond the property lot line will be considered "encroachments" once the City takes ownership of the streets. Affect property owners will be notified and asked to remove these encroachments prior to the commencement of street work.

4. How will property owners be compensated for portion of lot taking or removed encroachments?

The portion of the lot acquired will be compensated based on the land's value. For encroachment fixtures, such as fences or walls, a licensed appraiser will assess their depreciated value on a case-by-case basis, depending on the location and type of the fixture. The NYC Law Department will issue a notice detailing the award amount for the land and/or encroachments. Property owners will be required to clear title to confirm rightful ownership before payment is made.

5. Contact to DDC Property Acquisition Unit and Acquisition Events Website?

Mian Faisal, Project Acquisition Coordinator at phone: (718) 391-1367, email: FaisalMi@ddc.nyc.gov, website: <https://www1.nyc.gov/site/ddc/projects/acquisition-events.page>

Q & A

THANK YOU