
REPLACEMENT OF DISTRIBUTION WATER MAIN IN MANHATTAN

PROJECT ID: MED669



AGENDA

About the Project

- Data
- Why the Project is Necessary
- Community Benefits
- Map
- Locations

Construction Overview

Sequence of work

Impacts and Mitigation

Outreach and Notification

Q & A

Project Data



Project ID:	MED-669
Notice to Proceed (NTP)	August 18, 2025
Anticipated Start:	November 2025
Anticipated Completion:	Fall 2029
Contractor:	C.A.C Industries, Inc
Contract Value:	\$133 Million
Typical Work Hours:	Vary based on location
Holiday Embargo:	Mid-November – January 2 nd

Why Project is Necessary



Infrastructure is aging and in need of replacement:

- Distribution water main
- 10,255 Linear Feet of 20" Water Main
- 27,215 Linear Feet of 12" Water Main
- 2,644 Linear Feet of 6" Water Main
- Defective Water Main valves
- 126 Fire hydrants
- Lead service lines from Water Main to property meter (where possible)

Benefits of Infrastructure Upgrades

Distribution Water main

- Stable and secure supply of clean water
- Improved water distribution and fire protection

Fire Hydrants

- Improved Fire Safety Protection

Lead Service Lines – (Where possible)

- To be replaced with copper from Distribution Water Main to house connection

Curb / Sidewalk & Roadways

- Will be reconstructed and resurfaced only at disrupted areas

**This contract has
20 Blocks along 7th Avenue from
W 34th Street to W 14th Street**

10 Blocks between 7th Avenue and 8th Avenue

1 Block between 8th Avenue and 9th Avenue



Construction Overview



PRELIMINARY WORK

Permits; Surveys, Pre-Construction Photos, Staging/Storage of Materials

Maintenance and Protection of Traffic/Mobilization of equipment and materials

Test Pits - A test pit is a small, exploratory excavation made to investigate the subsurface conditions of a site. They are usually dug by hand or with machinery, and their depth varies depending on the project requirements.

It's commonly used in construction, and geotechnical engineering to gather information about:

- Soil composition and stratigraphy
- Groundwater levels
- Presence of utilities or obstructions

Installation of tree guards

Construction Overview



IN THE GROUND

Saw Cutting and Trench Set Up

Utility Infrastructure Upgrades and Relocation (as needed)

Water Main Installation Operations

Fire Hydrant Installations

Lead Service Lines Replacement (from distribution Water Mains to house connections)

ABOVE GROUND

Restoration of disturbed Curbs and Sidewalks

Water Main Trench / Roadway Restoration

Underground Utility Work Interferences



Sequence of Work

The General Contractor will start work on the west side of 7th Avenue, beginning at W 34th Street and moving south toward W 14th Street, including the side streets. After completing the west side, work will continue on the east side. The project will be completed in four segments, following the color sequence shown in the sample below. Each color represents one segment. Work will begin at the locations highlighted in blue, followed by those in green, then yellow, and finally the locations highlighted in black.





DEP LEAD PIPE REPLACEMENT PROGRAM PROTOCOLS

DEP Program

DEP website  has information about their Lead Pipe Replacement program.

DDC is managing this project on behalf of DEP's capital work - implementing the pilot program within target areas and qualified properties only.

If you have any questions or concerns about DEP Lead Service Line, please contact: ManhattanDEP@dep.nyc.gov and/or 311

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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 **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!

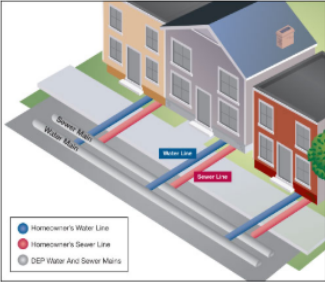
Eligibility

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](#).



Service Line Diagram

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?

+

LEAD PIPE REPLACEMENT PROGRAM PROTOCOLS

Lead Service Replacement requires a signed consent form. The City will attempt to communicate with Residents (4x's) with the following information:

- 1) Once DDC's project begins – **DEP will send the DEP Lead Line Notification Letter.**
- 2) Once DEP letter is sent - **DDC will follow with a Notification Letter stating consent form sign off is required.**
- 3) Once **Consent Form is provided** – **Project liaison (CCL) will door-knock to follow up with resident's permission and retrieve the signed consent form.**
- 4) Once the **CCL follows up again with the consent form**, after that **fourth and final attempt**, we will consider the resident opted out of program.

NOTE: DDC field staff will reconfirm with residents who signed consent form, if replacement is feasible based on field conditions.

Lead Service Replacement is limited to targeted areas and properties identified or suspected to have Lead lines. Replacement will only qualify for the following:

- Only for **confirmed lead lines on eligible properties.**
- Only with **resident's permission and signed consent form.**
- Only actual replacements – **considered feasible based on field conditions.**

DDC / DEP Process & Protocols



CITY OF NEW YORK NO-COST GALVANIZED/LEAD SERVICE LINE REPLACEMENT PROGRAM

Property Owner Consent Form

This will confirm my understanding and agreement with the City of New York and its Authorized Agents (the "City") with respect to replacing my galvanized or lead water service line (the "Galvanized/Lead Service Line"). The City will replace this Galvanized/Lead Service Line at no cost to me.

By signature below:

1. I represent and warrant that I am the legal owner of the parcel of real property identified below (the "Property") and that I have the authority to sign this document on behalf of any joint or additional property owner(s); or I am an authorized representative with written authorization from a property owner granting me the authority to sign this document on behalf of the owner(s).
2. I hereby request that the Galvanized/Lead Service Line serving the Property be removed and replaced by the City with a new service line that does not contain lead, at the City's expense and at no cost to me.
3. I grant a temporary license to the City to access the Property, both exterior and interior, as necessary, to inspect and ultimately replace the Galvanized/Lead Service Line. I also grant permission to the City to remove any plantings and structures located on the Property as the City deems necessary to perform the inspection and complete the replacement, and I understand that the City will not replace such structures and plantings.
4. I understand that I, or my designee who is at least 18 years old, must be present at the Property on the date and at the time scheduled for the work to be performed, and that I am responsible for providing safe, lighted and unencumbered access to the water meter and the water service piping inside the Property, including access to the wall or floor area where the Galvanized/Lead Service Line enters the building. I agree that if providing such clear access pathway requires the opening of a finished wall or floor that obstructs the meter or the service pipe, I will be responsible for restoration of the disturbed area at my own expense upon completion of the replacement work. I understand and agree that if the City determines that unsafe conditions exist at my property or the necessary access/pathway has not been provided, the replacement will not occur and further that I must correct the unsafe conditions or be able to provide necessary access/pathway before scheduling another replacement appointment.
5. I acknowledge and agree that the new service line will be owned by me and any additional owner(s) of the Property and that I shall be solely responsible for its maintenance, including any future repair or replacement that might become necessary, and that the City has no further repair or replacement responsibility for such service line.

PROPERTY:

Street Address: _____

Borough/Block/Lot: _____

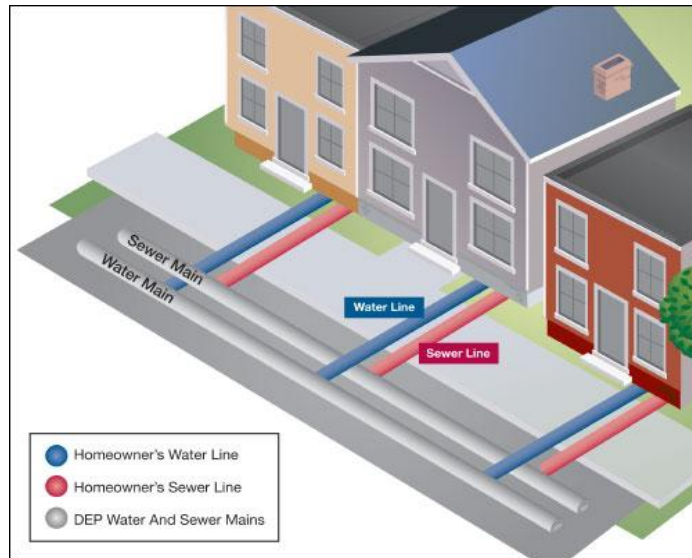
Owner Signature: _____

Printed Name: _____

Date: _____

Contact Phone Number/Email: _____

BWSO-ALL-FRM-196-00-2024



For a consent form email:
MED669CCL@gmail.com

Sample of Consent Form

Maintenance and Protection of Traffic:

The NYC Dept. of Transportation's Office Construction Mitigation and Coordination (DOT-OCMC) stipulated work hours will be:

- 7:00 AM – 6:00 PM & 4:00 PM – 11:00 PM, Weekdays
- 7:00 PM – 5:00 AM, Overnight hours
- 8:00 AM – 6:00 PM & 11:59 AM – 9:00 PM, Weekends
- Within one block from school, work hours shall be:
- 9:00 AM – 2:00 PM
- (Work hours will vary depending on the location)
- Parking will be restricted while work is in progress.
- Flaggers will be on-site as needed.
- Traffic agents will be present according to NYCDOT OCMC stipulations.



COMMUNITY IMPACTS & MITIGATION

COMMUNITY IMPACTS & MITIGATIONS

Street work is coordinated with DOT OCMC – Permit Stipulations

Contractor shall:

- Work within DEP Noise Code Regulations
- Keep storage site area clean and safe

TRAFFIC PATTERNS

- Pedestrian/sidewalk access will be maintained at all times.
- Temporary street closures and / or limited access may be necessary.
- Sidewalk, driveway 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).
- Garbage/Trash pick up may be affected and will be coordinated with DSNY and appropriate stakeholders.

COMMUNITY IMPACTS & MITIGATIONS (cont.)

WATER SHUTDOWNS

A **72-hour Advance Advisory** will be provided followed by a **24-hour confirmation or cancellation** notice to impacted areas.

- Specific instructions will be 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).

INDIVIDUALS WITH ACCOMMODATIONS

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

COMMUNITY IMPACTS & MITIGATIONS (cont.)

PROJECT STORAGE/STAGING

- Locations for storage/staging area will be coordinated and permitted by the NYCDOT.

RODENT CONTROL

- A rodent survey was performed prior to construction.
- Rodent Control Stations will be installed by a professional rodent control contractor.

PUBLIC TRANSPORTATION

- Bus stop routes within the project limits may be affected during the construction. The Community Construction Liaison (CCL) will be responsible for coordinating with the MTA and notifying the community.



COMMUNITY OUTREACH

How we communicate with you



In addition to the on-site CCL, we will distribute printed materials that are updated continually, prior and during the project, including:

PROJECT INFORMATION CARD

NYC DDC Department of Design and Construction

Office of Community Outreach and Notification
Project Information Card
Manhattan



Chelsea Distribution Water Main Replacement

Project Contact
Randy Contreras
Community Engagement Liaison
(212) 491-1244
randy.contreras@nyc.gov

Field Office Address
100 West 220 Street
New York, NY 10001

During non-working hours
please call 311 and provide
the Project ID: MED669

Interested/Scope
To replace the aging water main
along 7th Avenue between West
14th Street and West 24th Street.

Schedules
Fall 2023 - Fall 2025

Work Hours
Varies by location

Construction Cost
135,000,000.00

General Contractor
C.A.C. Industries, Inc.

R.E.E. Firm
National Engineering Consultants,
Geologists & Land Surveyors, D.P.C.

Managing Authority
NYC Department of
Design and Construction

Sponsor Agency
NYC Department of
Environmental Protection

Project Information
As part of planned utility
improvement projects and
relocations, we are replacing
12 inch and 30 inch distribution
water mains under 7th Avenue,
from West 14th Street to West
24th Street, with 30 inch water
main, on west cross streets between
8th Avenue and 9th Avenue.

COMMUNITY ADVISORY

PROJECT NAME: Reconstruction of Southern Brooklyn Crossways (SBC) Relief Bus Service
PROJECT ID: FIVE16656C
LOCATION: Brooklyn
ADVISORY ISSUED: September 15, 2024

NIGHT TIME Temporary Water Shutdown

**Thursday, 9/19/24 to Friday, 9/26/24
(Not including Friday & Saturday Night)
9:00 PM to 5:00 AM**

On Kings Highway (North Service Road) between Bedford Avenue and E 23rd Street

Water service will be back by 5:30 AM, although it can be sooner. This water shutdown is to replace the water main along Kings Hwy & Avenue Q, Bedford Avenue, E 24th St & E 23rd St. Thank you for your patience & understanding.

If you have any questions, concerns, or would like to learn more about the SBC Project, please call the Community Conversation Line:

Adrienne Sogin (DC)
Office: (718) 317-4298
Cell: (917) 816-1268
ASogin@nyc.gov
The best way to reach her is via text or call on any day.

During our community hours please contact 311 for non-emergency city services.

At night, 9:00 PM to 5:00 AM, we have a limited number of staff available, and we have limited capacity to respond to requests for work before and after operations.

The NYC Department of Design and Construction is managing this project on behalf of the NYC Department of Transportation.

Eric Adams Mayor
Ramon Fiollo, P.E. Commissioner

LOOK AHEAD WEEKLY BULLETIN

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 # MED629 BOROUGH: MANHATTAN DATE ISSUED: 08/06/18

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 12th 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 12th 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.
08/10/18	7:00 am-4:00 pm	South Side of West 14th Street Between 12th Ave and Washington Street	Utilities maintenance.

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

As materials, labor, and/or equipment are needed 72 hours prior to the temporary interruption of street traffic, please observe posted detouring regulations in construction areas.

FOR FURTHER INFORMATION: Contact Alexandra Sklar, the Community Conversation Liaison at (646) 123-9626 or MSK65555@nyc.gov

Eric Adams Mayor
Lorraine Fiollo Commissioner
www.nyc.gov/ddc

QUARTERLY PROJECT UPDATES

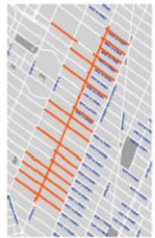
NYC DDC Department of Design and Construction

Office of Community Outreach & Notification

Project Update

Manhattan
Start Up Project Update
October 2025
Project ID: MED669

Distribution Water Main Replacement Project



The work will replace utility infrastructure, enhance the water distribution system, and provide multiple community benefits, including improved water quality, increased fire protection, reduced risk of water main breaks and fewer service disruptions.

The project is expected to be completed by Fall 2026.

Before major construction begins, the contractor will set up safety measures, including men-hole signs, and a storage area for equipment.

The work will begin with preliminary test pits, to verify and locate existing underground utilities. The work will take place throughout the entire project limits.

After test pit operations are completed, the city contractor will move or adjust underground utilities (such as gas, electric, or sewer) to avoid conflicts with the water main.

Advances work hours are granted by NYCDOT and city of New York.

Weekly construction bulletins will provide an overview of the project and its status, including any work activities for the upcoming week.

The DDC staff will work closely with individuals with accommodations who may be adversely impacted by the project. Please reach out to the project CCL for assistance.

NYC DDC 2025

COMMUNITY OUTREACH

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 bulletin as well as updates.
- 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, and other meetings as needed.

COMMUNITY OUTREACH (cont.)

- **DDC's Office of Community Outreach + Notification (OCON)** works with Community Boards, Business Improvement Districts, local businesses, and other community stakeholders impacted by construction.
- DDC has assigned Blenda Coracao of Tectonic Engineering as the dedicated on-site Community Construction Liaison (CCL). Anyone can sign up to receive updates from CCL; just contact CCL and ask to be added to email list. The CCL can be reached at:

Email: MED669CCL@gmail.com

Phone: 646-629-7119

Field Office Location: 150 W 30th Street, 12th Floor, New York, NY 10001

Field Office Hours: 7:00AM to 3:30PM

THANK YOU!

Q & A