

Installation of Trunk Water Main along West 48th Street

[including work on 49th St., 51st St., 8th Ave, 9th Ave and 10th Ave]

LEAD Project ID: MED609(599)

Entire Project duration: 2012 - 2017

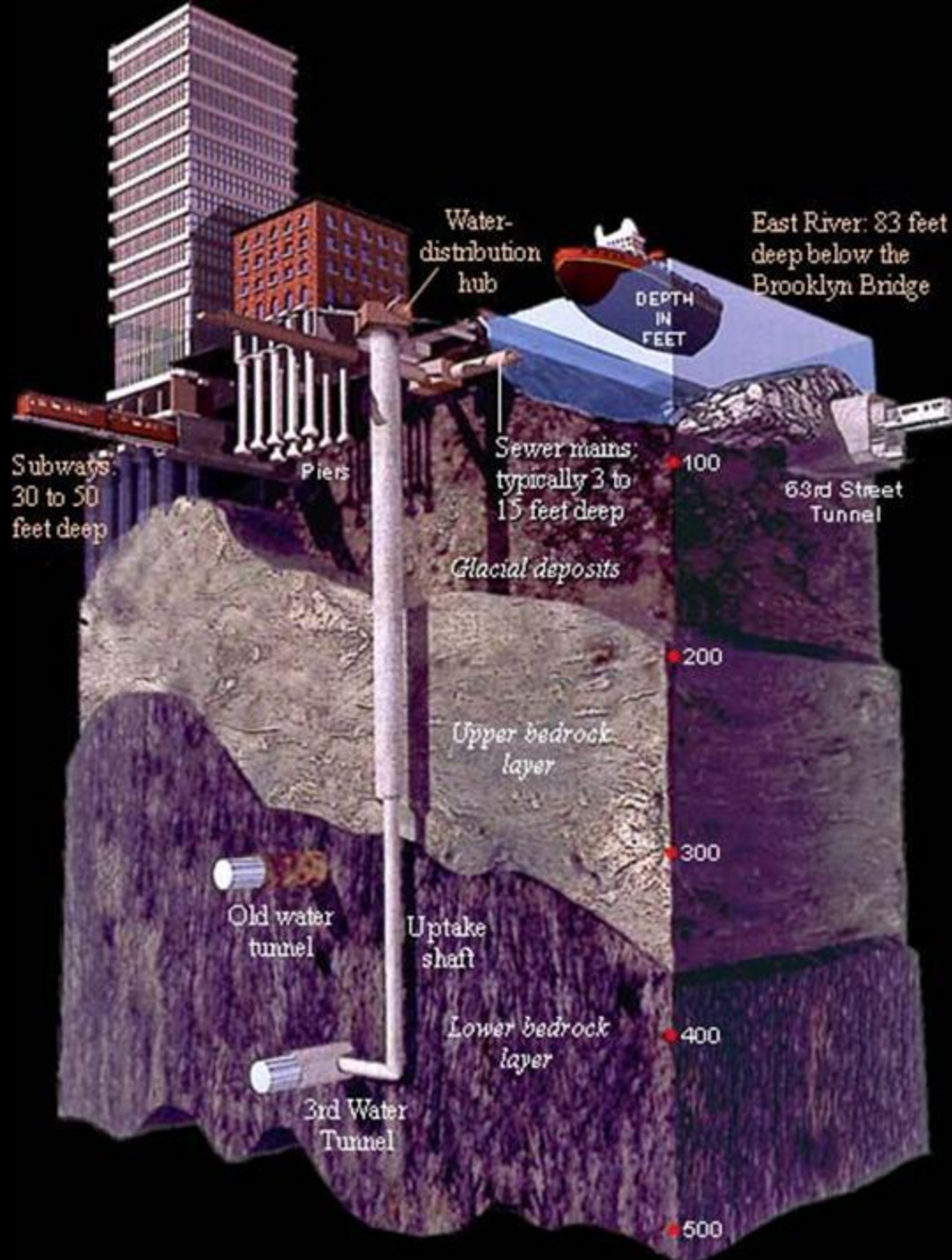
Engineering Firm: LiRo Group

Contractor: Waterworks, JV

Project Intent & Purpose:

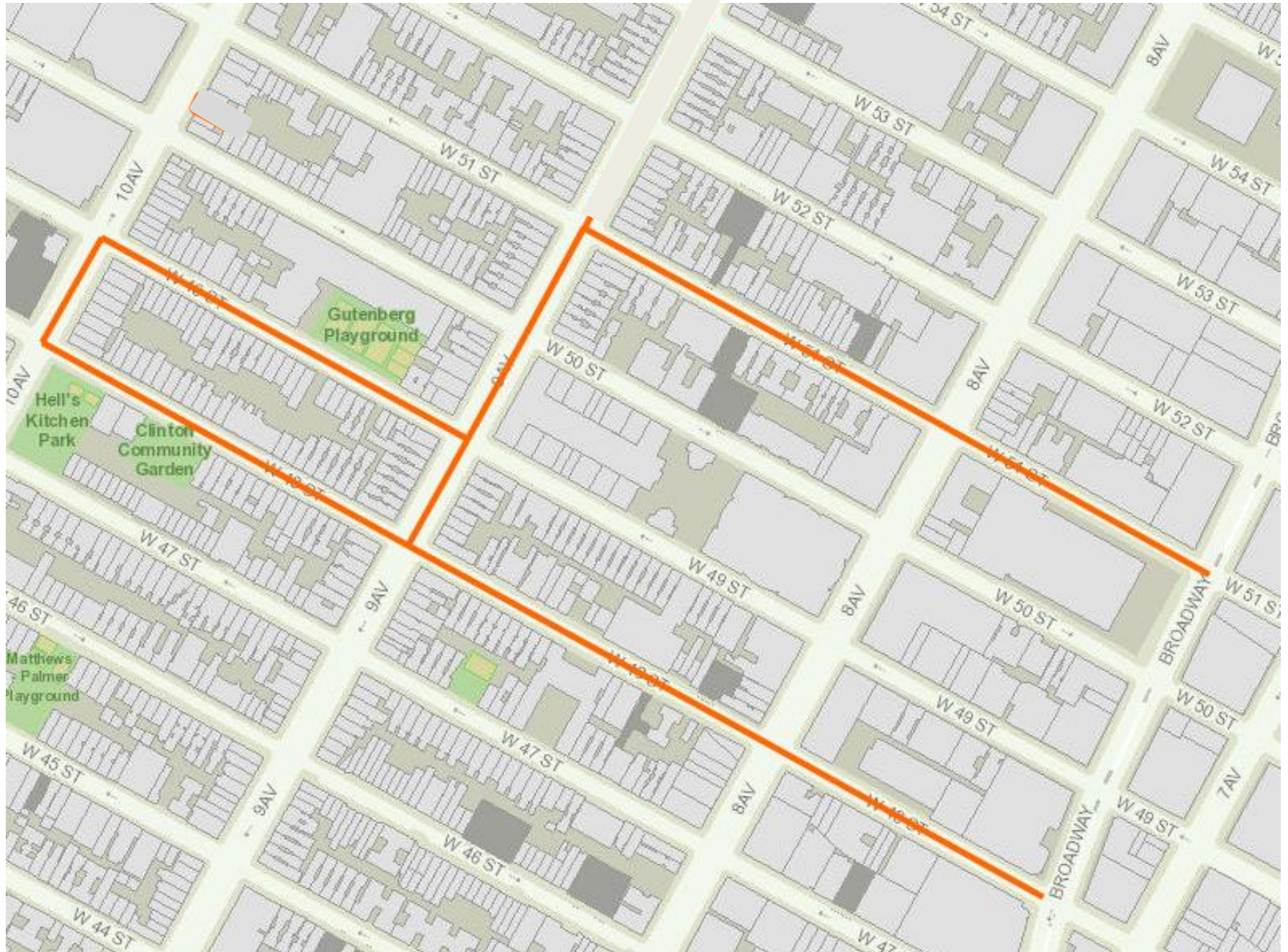
New York City's water distribution infrastructure is aging and in need of repair and upgrades.

- ✓ To accomplish this, the City of New York has constructed a new water tunnel, City Tunnel No. 3.
- ✓ The W. 48th Street project is one of 10 similar projects in Manhattan that will connect new shaft distribution chambers to City Tunnel No. 3.
- ✓ Upon completion of these chambers, the City will be able to activate sections of the new tunnel #3 and begin rehabilitating City Tunnel Nos. 1 & 2.



Municipal Subsurface Structure

PROJECT SCOPE & SCHEDULE



Project Name: W48th street Trunk Main

Project ID: MED 599
5/4/2015

Slide 5

Project Duration

- **Began Spring 2012 – Anticipated completion Fall 2017**
- **Original construction duration is 2,005 Consecutive Calendar Days (CCD) or approximately 5 ½ years.**
- **Currently 10 months ahead of schedule.**

Scope of Work:

- **New trunk and distribution water mains Including:**
- **48", 36" and 30" trunk mains**
- **24", 20" and 12" distribution mains**
- **Valves, regulators & chambers**
- **Reconstruction of roadway, curbs & sidewalks in certain locations**
- **Private utility upgrades**

Allowable Work Days/Hours: (as per NYC DOT Stipulations)

- 7AM – 10PM: Monday – Friday (Allowable Hours)
- 8AM – 6PM: Saturday & Sunday (Allowable Hours)
- Some locations require night work
- Typical weekday work hours are 7:00 AM to 3:30 PM

WORK COMPLETED

- Approximately 95% of distribution water main and 65% of trunk main work completed
- All work completed on W 48th between Broadway and 9th Avenue
- All work, except roadway restoration, completed in W 48th between 9th & 10th Avenues and on 9th Ave. between W 47th & W 52nd Streets
- New sewer, 12" distribution and 36" trunk mains installed in W 51st between 8th and 9th Avenues



48" Trunk Main & Utilities in W48th Street At Shaft Connection



Project Name: W48th street Trunk Main

Project ID: MED 599

5/4/2015

Slide 11

48" Trunk Main Trench in 9th Avenue



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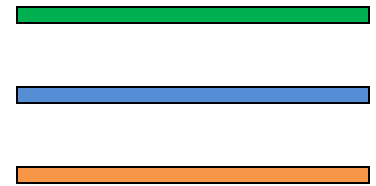
Project ID: MED 599

5/4/2015

Slide 12

CURRENT

**Work Completed:
Work Ongoing:
Spring 2016:**



NEXT SIX MONTHS

Summer/Fall 2015

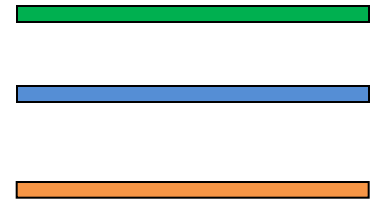
- Reconstruct roadway, curbs and sidewalks(as needed) on 9th Avenue between W 47th and W 52nd Streets.
- Reconstruct roadway, curbs and sidewalks(as needed) on W 48th between 9th and 10th Avenues.(ongoing)
- Continue installation of new combined sewer and new 36"/30" trunk main on W 51st Street between 7th and 8th Avenues.
- Continue installation and replacement of 48" trunk main in 10th Avenue between W 48th and W 49th Streets.

9th Avenue Roadway Reconstruction

1. To begin immediately after 9th Avenue Food festival
2. Complete roadway reconstruction from W47th to W52st streets
3. Two (2) lanes will be closed during each stage
4. One (1) block to be rebuilt at a time
5. Some Con Edison gas main replacement work will also be included(west side only)
6. Street hardware to be ramped awaiting final asphalt wearing course
7. Entire process will take approx. 6 months

AFTER 6 MONTHS

Work Completed:
Work Ongoing:
Spring 2016:



COMMUNITY CONCERNS

- Pedestrian access will be maintained at all times
- Uniformed NYPD Traffic Agents assigned for traffic control.
- 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

Keeping You Informed

Office of Community Outreach & Notification, DDC

- DDC has assigned **Nadine Harris** of LiRo Group, Engineers, as the Community Construction Liaison (CCL).
 - First point of contact between the project and the community
 - Identifying, addressing and/or resolving field inquiries & issues as well as any coordination between the project and needs of the affected stakeholders
 - Providing regular updates/advisories for the community to better plan around construction activities
- **CCL contact information:**
 - Name: **Nadine Harris**
 - Email: **w48thstreetccl@gmail.com**
 - Field Office: **333 W 52nd St, 4th Floor, New York, NY 10019**
 - Telephone : **(646)-738-4887**