BMCR News

Q3 and Q4 2023
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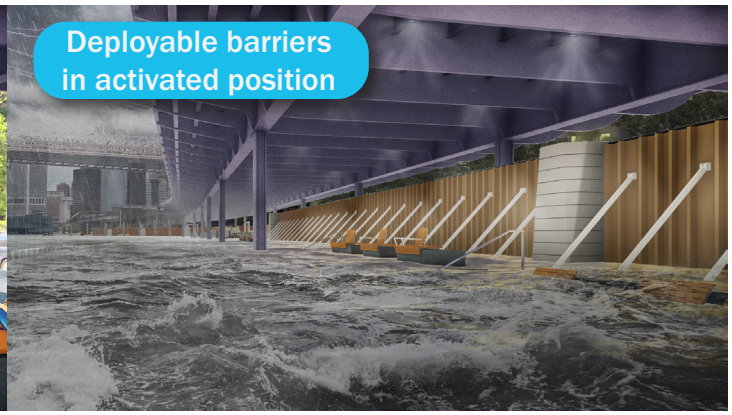


Brooklyn Bridge - Montgomery Coastal Resilience

The Brooklyn Bridge - Montgomery Coastal Resilience (BMCR) project is a coastal protection initiative, jointly funded by the City of New York and the federal government, aimed at reducing flood risk due to coastal storms and sea level rise in the Two-Bridges Neighborhood in Lower Manhattan. The BMCR project is part of the Lower Manhattan Coastal Resilience (LMCR) project, which spans the entire Lower Manhattan coast and is the City's plan to protect residents, businesses, and critical infrastructure from flooding.

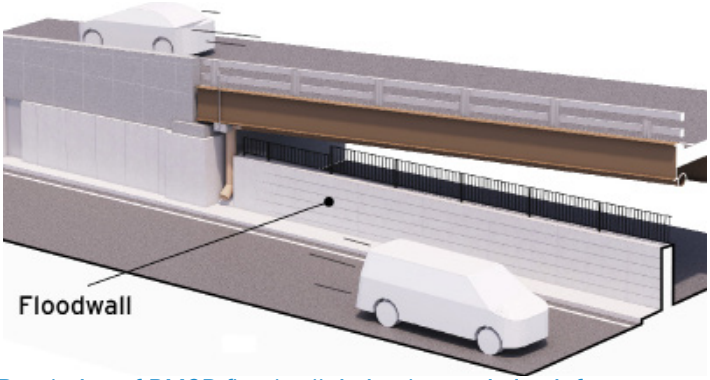
BMCR extends along the East River waterfront from the Brooklyn Bridge north to Montgomery Street. BMCR includes both flood protection and utility improvements for the Two Bridges neighborhood. Utility improvements and upgrades will take place along South Street, under the Brooklyn Bridge, on a portion of Montgomery Street, and along the East River Greenway and esplanade. The flood protection components and amenities will be constructed within the esplanade area (see map below).

Earlier this year, our team mobilized crews and equipment and began preparing the project area for construction. For more information on our earlier work, please check out our previous newsletter.

In this edition, we highlight more of the exciting progress that has been made during the second half of 2023, including floodwall and floodgate foundation preparations!

Flood Protection

Coastal flood protection through BMCR will be provided through a series of deployable barriers and permanent barriers installed along the neighborhood edge of the esplanade, under the elevated FDR Drive. Foundations for the fixed flood walls near the Brooklyn Bridge are already under construction and will tie into the adjacent FDR off-ramp (see rendering below).



Rendering of BMCR floodwall tie-in along existing infrastructure at FDR off-ramp near South Street

Before the the final floodwalls can be poured, mock-ups must be approved. The floodwalls will have a similar wave pattern as the floodwalls already installed to the north at Stuyvesant Cove Park as part of the East Side Coastal Resiliency (ESCR) project.

What is a mock-up?

Mock-ups are prototypes of key project features, which allow the construction team to get a life-size sense of how final products will look and feel.

This enables the team to make any necessary adjustments before installation.

Wave pattern of floodwall in Stuyvesant Cove Park, May 2023

Water Main Replacement

The BMCR construction team has been replacing the 100-year-old, 12-inch distribution water main along South Street. Before replacing the water main, local gas, steam, and electric utilities are relocated to make room for water main work and upgraded in coordination with Con Edison. To date, approximately 70% of the distribution main work has been completed, with the remaining 30% scheduled to be completed in 2024. The distribution main serves as a connection between buildings and the city's water service.

The remaining distribution water main work will require water service interruptions for some buildings. Advance notice will be given for all planned interruptions and water service will be restored at the end of each day.

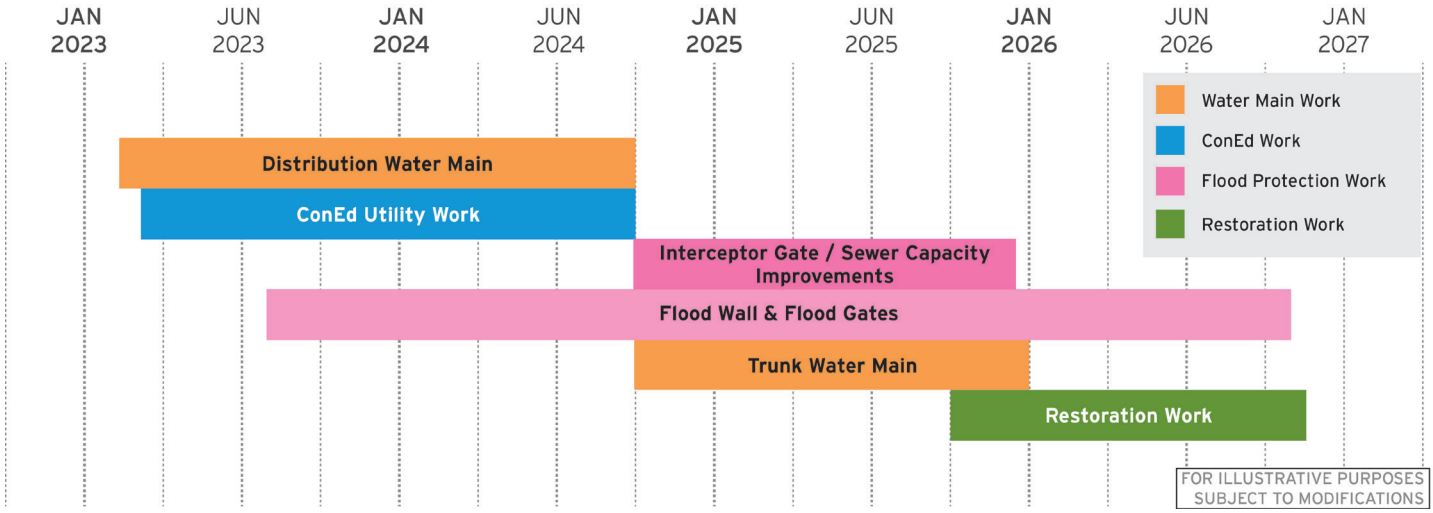
20-inch water main installation, November 2023

Micropile Installation

Inside the construction fencing, under the FDR, the contractor has been working to install foundations for the flip up flood gates that will eventually serve as the bulk of the flood protection for the project. In addition to excavating for the foundation, one of the first steps is to install piles. Piles provide support for the new flood protection infrastructure when the integrity of the subsurface material is lacking. However, due to space constraints under the FDR, there is not enough space to accommodate a standard pile driving rig. As an alternative, micropiles are drilled, rather than driven, into the ground. 55 of the 730 total micropiles (8%) have been installed this year, and the remainder will be installed through the end of the project.

Micropile being drilled into ground, September 2023

BMCR Project Timeline



Upcoming Work

In early 2024, the team will continue floodwall and floodgate construction, water main work, and other utility upgrades and relocation.

The project is on schedule to reach substantial completion by late 2026, and an overview of the timeline is included above.

Community Impacts

- Vehicular travel lane closures and new traffic patterns will be required, as well as detours.
- Cyclists and pedestrian detours are in effect.
- Signage will be posted in advance within the affected areas.
- Traffic enforcement agents and flaggers will be present when necessary to assist vehicles and pedestrians.
- Emergency vehicle and pedestrian access will be maintained at all times.
- Public transportation will be maintained at all times.
- Water main upgrades will require some service interruptions.

Project Communications and Community Engagement

Our community engagement team presents routine construction updates at the CB3 Parks Committee meetings, where you can learn about the project. We also host tabling events in the Two Bridges neighborhood and present at residents' associations meetings around the project area upon request.

Please feel free to submit inquiries on our website or by scanning the QR code below. You can also reach out to our Community Construction Liaison (CCL) Marsha Guido via her contact information listed below.

Tabling at NYCHA Rutgers Family Day, August 2023

For More Information:

Visit the BMCR website, nyc.gov/bmcr, to sign up for weekly Construction Bulletins, Community Advisories, and other project communications, as well as to learn more about community meetings and events, BMCR background, design, and construction. You can also submit an inquiry on our contact page or by scanning the QR code below.

Questions? Preguntas? 问题?

Please contact your BMCR **Community Construction Liaison (CCL)** for project related inquiries or concerns:

Marsha Guido
bmcr.ccl@gmail.com
347-538-4266

BMCR Website

BMCR Inquiry Tool