

Play Area between Pike and Rutgers Slip

New amenities at Pike Slip

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.

Construction on BCMR began in full force last year, with water main replacement work and the installation of micropiles. For more information on these activities and other early work, please check out our [previous newsletter](#). In this edition, we highlight more of the exciting progress that has been made during the first half of 2024, including the first flip up gates arriving on site!

Flood Protection

Coastal flood protection through BMCR will be provided by a series of deployable flood gates and permanent barriers installed along the neighborhood edge of the esplanade, under the elevated FDR Drive. Under ordinary, dry conditions, the deployable flood defenses will be integrated into the public space in a nearly-invisible fashion, as you can see in the renderings on this page. When a storm approaches, the gates will flip up through a manually-deployed hydraulic system, forming a flood barrier to protect the community. We'll have more on the deployment process in a future newsletter!



Rendering of flip up gates during dry condition

In an exciting milestone this year, the first of BMCR's flip up flood gates arrived on site from their fabrication facility near Houston, Texas! BMCR's flip up gates are operated by hydraulics, though they can be deployed using truck-mounted lifting equipment as an alternative. Each segment of these gates is typically 5 to 7 feet wide, with a full gate measuring approximately 40 feet across.



Flip up gates being installed, June 2024

The flip up gates are designed for uncertainties that can come with extreme weather, including the potential for a large, floating hazard to make impact with the gates while flood defenses are deployed. In order to reach this level of stability and resilience, piles reach depths of 85 feet and are capped off by 2- to 3-foot-thick floodgate foundations. Installation of these floodgates has begun and will be ongoing as more arrive throughout 2024!

Water Main Replacement

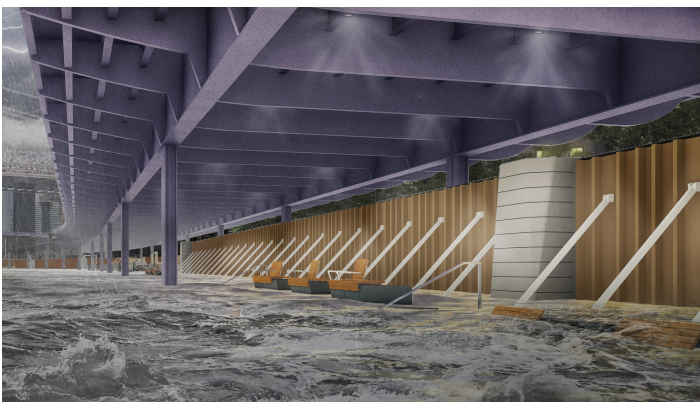
Since last year, the contractor has been replacing the century-old distribution water main along South Street. This infrastructure serves as an important connection between the buildings we live and work in and the city's water service. To date, approximately 90% of the distribution main work has been completed, with the remaining 10% scheduled to be completed this summer.

Notice has been given to the community in advance of all planned interruptions to water service, and we thank you for your patience as we upgrade this critical infrastructure. Once this work is completed, replacement will begin of the trunk water main, which is much larger and carries water between neighborhoods.

Trunk water main installation will likely not require water service shutdowns. However, if shutdowns are necessary, notification will be given in advance.

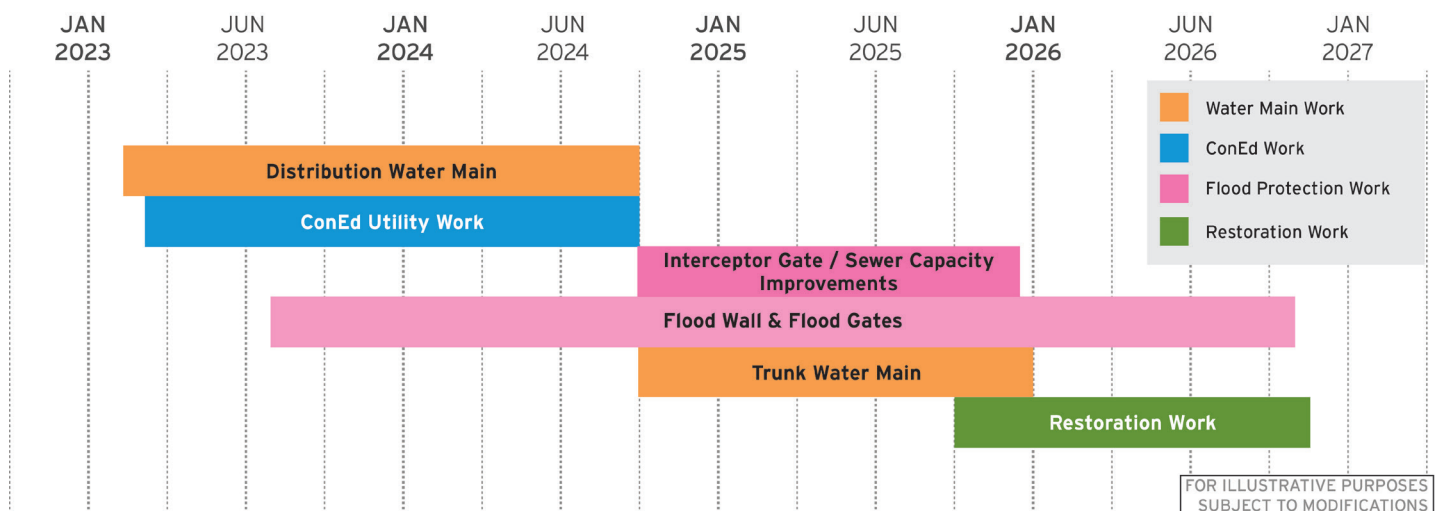
Upcoming Work

In the coming months, the contractor will continue utility upgrades/relocation, water main work, flood wall and gate work, and interceptor gate building construction. The project is on schedule to reach substantial completion by late 2026, and an overview of the timeline is provided below.



Rendering of deployed flip up gates during high-water conditions

BMCR Project Timeline



FOR ILLUSTRATIVE PURPOSES
SUBJECT TO MODIFICATIONS

Bike and Greenway Detour

Construction of flood protection, new waterfront amenities, and an enhanced East River Greenway has necessitated the closure of the existing two-way Greenway bike path along South Street, between Dover Street and Catherine Slip. As with all traffic disruptions, we have coordinated with the relevant agencies, including the NYC Department of Transportation (DOT) and emergency

services, to ensure ongoing public safety. Cyclists are strongly encouraged to seek alternate routes or follow the detour between John Street and Market Street (see map). Please note the detour is subject to change as the phases of construction progress. For your safety, remember to follow all posted signs and flaggers. We thank you for your patience as we make these critical infrastructure and flood protection improvements!



Our community engagement team presents routine construction updates at the Community Board 3 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.

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.



Earth Day planting event with ESCR, BMCR, and NYC Parks, April 2024

Project Communications and Community Engagement

We encourage you to visit the project website, www.nyc.gov/bmcr, to sign up to receive weekly Construction Bulletins and Community Advisories, view upcoming community meetings and events, and learn more about BMCR background, design, and construction.

In April 2024, the BMCR and ESCR Community Engagement teams joined the NYC Parks Department in celebrating Earth Day at the Alfred E. Smith Recreation Center on the Lower East Side. The team led over 40 volunteers in site clean-up and planting of over 100 perennials and shrubs, including pollinator plants, which attract bees and other beneficial insects!

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.

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 Inquiry Tool