East Side Coastal Resiliency Construction Update CB3 Parks Committee Meeting Virtual Meeting March 16, 2023



Highlights

- Work With Us
- Overview of Contracts
 - Project Area 1 Construction Updates
 - Project Area 2 Construction Updates
 - Parallel Conveyance Construction Updates
- What We've Heard



Work With Us

Work With Us Virtual Quarterly Information Event: New Year, New Career: Tips to secure new opportunities Thank you for joining the February 28, 2023, Virtual Quarterly Information Session. For those who were unable to attend, the <u>presentation slides</u> can be viewed online.

Thank you to our partners:

- Workforce1
- Lower East Side Girls Club
- LESEN
- Henry Street Settlement

New Training Opportunities: Workforce1 https://www.nvc.gov/site/escr/contact/work-with-us.page

- Cool Roofs
- Advanced Manufacturing- LaGuardia Community College
- Brooklyn Networks (BN) Cable Networking
- Commercial Drivers License Individual
 Training Grants

New Job Postings: ESCR

https://www.nyc.gov/site/escr/contact/work-with-us.page

- Cost Engineer (IPC)
- Project Bookkeeper (IPC)
- Field Accounts Payable Specialist (IPC)



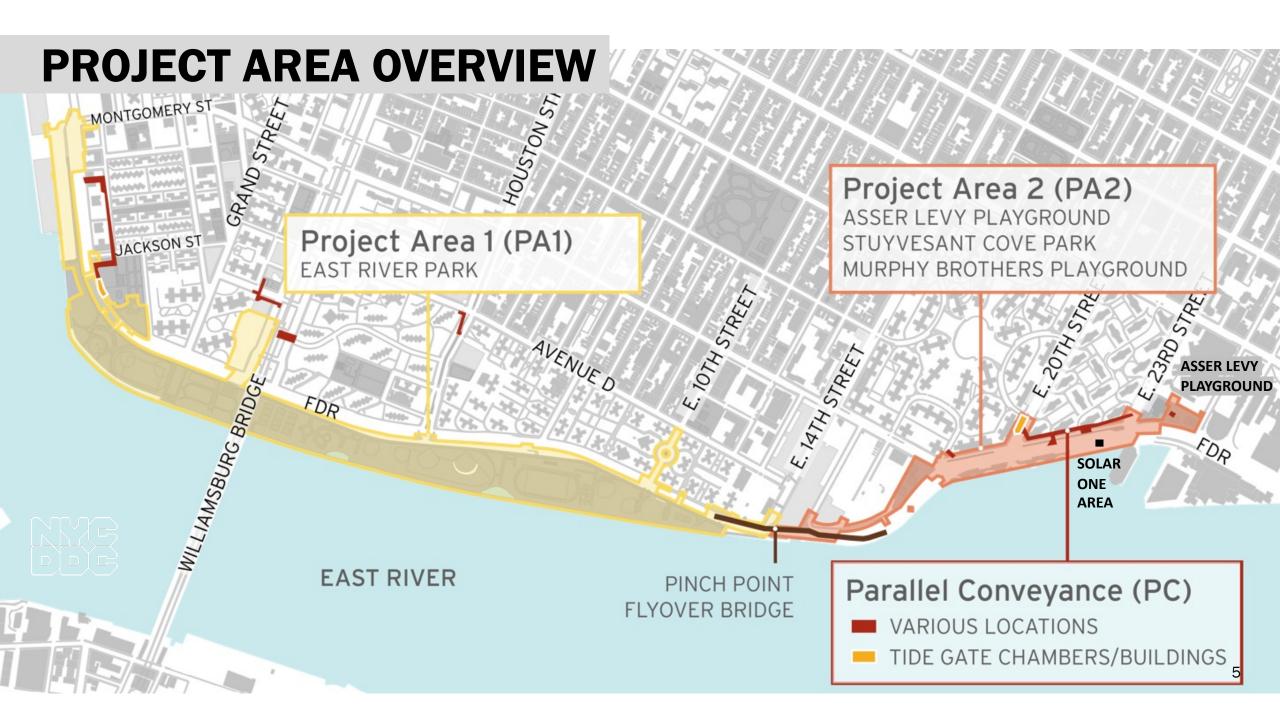
Work With Us

NYCHA Resident Services: Economic Empowerment & Sustainability www.opportunitynycha.org

March 2023 REES Opportunities:

- REES Info Session (Thurs 3/23 10am)
- Adult Ed: BMCC HSE / GED Intake Session (Mon 3/27 6pm & Wed 3/29 9:30am)
- Social Media Marketing Webinar w/SBS (Tues 3/28 4pm)
- *Ongoing Recruitment: NRTA Construction, Lead Renovator, Clean Energy Academy, SYEP, Case Manager





Overview of Contracts

Project Area 1 (PA1)

- NTP issued August 16, 2021
- Partial Closures:
 - East River Park south of Stanton St.
 - Greenway closure to E. 10th St.
 - Corlears Hook Park & passive lawn
- Delancey St. & Corlears Hook pedestrian bridges under construction. Use Corlears Hook temp. ped bridge
- ongoing ConEd Work
- esplanade removal and deep sewer work in progress
- floodwall construction activities ongoing
- O&M retaining wall in progress

Project Area 2 (PA2)

- NTP issued November 2020
- 1,600 ft of floodwall installed
- Asser Levy Playground Open
 - Gate 18 installed
- Stuyvesant Cove Park including Solar One Area under construction
 - Gate 14 installed
 - site restoration north of E 20th St. underway - Greenway open
 - site restoration & flood gate work in progress south of E 20th St. – Greenway closed
- Murphy Brothers flood protection construction in progress

Parallel Conveyance (PC)

- contract awarded in May to NYCC JPL JV
- NTP issued September 13, 2022
- construction mobilization activities started January 2023
- subsurface investigations in progress
- contract duration is approximately 4 years

VISIT PA1 GALLERY: https://www.nyc.gov/site/escr/ project-updates/gallery.page

VISIT PA2 GALLERY:

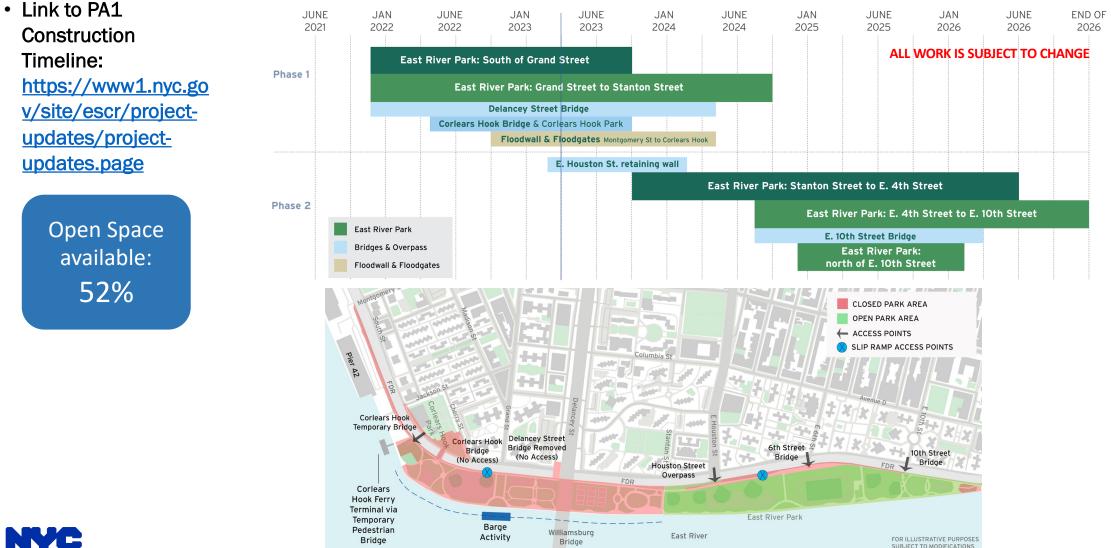
https://www.nyc.gov/site/escr/ project-updates/gallery.page



Project Area 1 (PA1)



PA1 | Construction Progress





PA1 | Early 2023 Construction Activities

ALL WORK IS SUBJECT TO CHANGE

- 1. Esplanade removal activities along the waterfront. Deep sewer activities and pile install. Floodwall (Combi-wall) installation.
 - Operations & Maintenance (O&M) retaining wall
- 2. Delancey Street utility, pile and abutment work.
- 3. Construction for new Corlears Hook bridge.
- 4. Passive lawn partial closure for utility work.
- 5. Utility work near Montgomery Street & South Street. Begin floodwall construction in 2023.
- 6. Montgomery St. Cherry St. Greenway floodwall activities.

- 7. Ballfield #3: restoration asphalt path around field has reopened
- ConEd work in Shared Use Path E. Houston Street to E. 10th Street completing early this year.
 Slip Ramps in use.
- 9. E 10th Street utility work.
- 10. Ongoing partial FDR lane closures continue at various locations.

Weekly Bulletins & Advisories are issued with construction activities. Saturday work is anticipated for some work operations as indicated.



PA1 | Construction Photos



Maintenance and Operation Area #2 Retaining Wall - March 2023



PA1 | Construction Photos



Combi-Wall Pre-Drilling and Installed Piles along Esplanade - March 2023



PA1 | What We've Heard

- Archaeology: excavation will continue for approximately another month followed by additional testing to make final determinations
- **Delancey St. Detour:** ESCR team is working with NYC DOT to further evaluate pedestrian detour
- E 10th St bike Detour: ESCR team is working with NYC DOT to evaluate additional 'construction zone signage' for bicyclists



Project Area 2 (PA2)

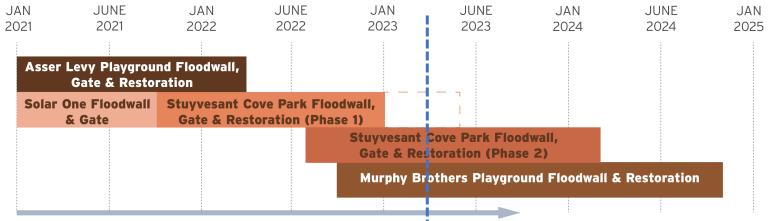


PA2 | Construction Progress

ALL WORK IS SUBJECT TO CHANGE

- 1. Stuyvesant Cove Park north of E 20th St.:
 - iron-rail installation
- 2. Stuyvesant Cove Park south of E 20 St:
 - flood gate work & site restoration
 - ferry access open
- E 23rd St. Intersection & under the FDR Service Rd.
 adjacent to the BP Gas Station:
 - floodwall construction
- Murphy Brothers Playground and E 18th St. at the FDR East Service Road
 - pile installation and floodwall construction
- 5. E 15th Street between Ave C and FDR Dr. within Con Edison
 - sewer replacement
- 6. The southbound shoulder of E 16th Street FDR Dr.
 - water main and sewer work





Completion of Flood Walls and Gates in Project Area 2



PA2 | Construction Photos





Stuyvesant Cove Park planting, furnishings and sea rail – December 2022



PA1 PA2 | Greenway Access & Detour

- Greenway from E20th St south to E12th St is closed and access to East River Park from Stuyvesant Cove Park is no longer
- access East River Park via detour at E10th Street or E Houston Street
- Stuyvesant Cove Park Ferry access remains open via E18th Street
- the Greenway from E20th St north remains open
- Anticipated to reopen summer 2023
- ESCR Team is coordinating with NYCDOT on caution signage for E10th Street





Parallel Conveyance (PC)

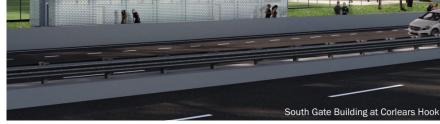


PC | Project Overview

ALL WORK IS SUBJECT TO CHANGE

Construction activities have begun in the southern portion of the project and will move north





NYC

PC | Construction Progress

ALL WORK IS SUBJECT TO CHANGE

- Location 1 Jackson St. & Water St.
 - Mobilization and storage of equipment
 - Installation of tree guards completed
 - Continued test pit operations
 - Utility Relocation
- Location 2 Lewis St. & Delancey St.
 Location 3 Baruch Dr. & Delancey St.
 Location 4 Houston & Avenue D
 - Project area survey
 - Installation of tree guards
 - Test pit operations
- Location 5 Avenue C, E20th to E23rd
 - Project Area Survey
 - Preconstruction building inspections
 - Test pit operations



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PC | Typical Construction Sequencing

ALL WORK IS SUBJECT TO CHANGE



LOCATIONS WITHOUT TIDE GATE CHAMBER BUILDINGS

- Α. **Mobilization & Protection**
- Β. **Test Pits and Site Survey**
- Utility relocation and upgrades C.
- Install parallel conveyance sewer lines D.
- **Final restoration** Ε.



LOCATIONS WITH TIDE GATE CHAMBER BUILDINGS

- Α. **Mobilization & Protection**
- **Test Pits and Site Survey** Β.
- Utility relocation and upgrades C.
- D. **Excavation for Tide Gate Chambers**
- Install parallel conveyance sewer lines Ε.
- **Final restoration** F.



PC | Construction Photos



Tree guards on Jackson St. - February 2023



Storage area on Jackson St. - February 2023



Steel plates over test pits on Jackson St. - February 2023



PC | Resources

• Visit Us

https://www.nyc.gov/site/escr/project-updates/pc-constructionnotices.page

- Community Construction Liaison:
 - Tannia Wokoun

Phone: 914-313-6863

Email: sandrespc.ccl@gmail.com

- Inquiry Tool:
 - <u>http://www.nyc.gov/escr/contact</u>
- CB 3 Parks Meetings
- On-site signage





PC Construction Notices

PA1 Construction Notices

PA2 Construction Notices
PC Construction Notices
Environmental Monitoring
Presentations
Newsletters
Gallery
f 🗾 t 🖂 Share
禁止路边停车: Water街至South街之间的 Jackson街(南側) 从2023年1月31日、周二 直明行通知 2018年4月31日、周二 高明子の活動

PC Construction Notices

Parallel Conveyance (PC) is concentrated in Manhattan's Lower East Side (LES), on local streets between Montgomery St. and East 23rd St. including but not limited to the areas of Avenue C

between Montgomery St. and East 23rd St. including but not limited to the areas of Avenue C between E 20th Street and E 23rd Street, Water Street between Montgomery Street and Jackson Street, Lewis Street, Delancey Street and Houston Street. The Project is made up of inland drainage infrastructure improvements within the overall ESCR project footprint. Please review the **Factsheet** for more information.

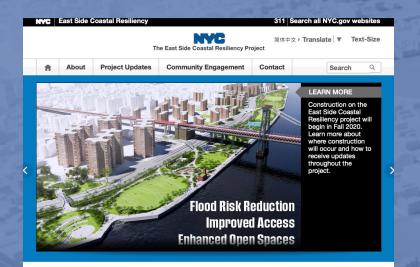


LIMITED PARKING ON HOUSTON ST., COLUMBIA ST, & AVENUE D AS OF FEBRUARY 23, 2023

Limited parking at Avenue D and E Houston Street Intersection starting 2/22/2023.



Advisories posted on-site



NEED MORE INFORMATION?

VISIT US AT: www.nyc.gov/escr

East Side Coastal Resiliency

The East Side Coastal Resiliency (ESCR) 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 on Manhattan's East Side from East 25th Street to Montgomery Street. The boundaries of this project correspond with the natural "pinch-points" in the 100-year floodplain: areas where the land is higher along the coastline, making it easier to close the system off from water entering from the north and south. The project design integrates flood protection into the community fabric, improving waterfront open spaces and access, rather than walling off the neighborhood. Construction on the East Side Coastal Resiliency project will begin in Fall 2020 and continue through 2025.



community presentations for updates as we prepare for upcoming construction activities.



measures to bike lanes and ball fields, the ESCR project is improving open spaces and access in the Lower East Side while strengthening the city's coastline.





Environmental Protection

Mayor's Office of Resiliency

Brooklyn Bridge-Montgomery Coastal Resilience Construction Update CB3 Parks Committee Meeting VIRTUAL MEETING March 16, 2023











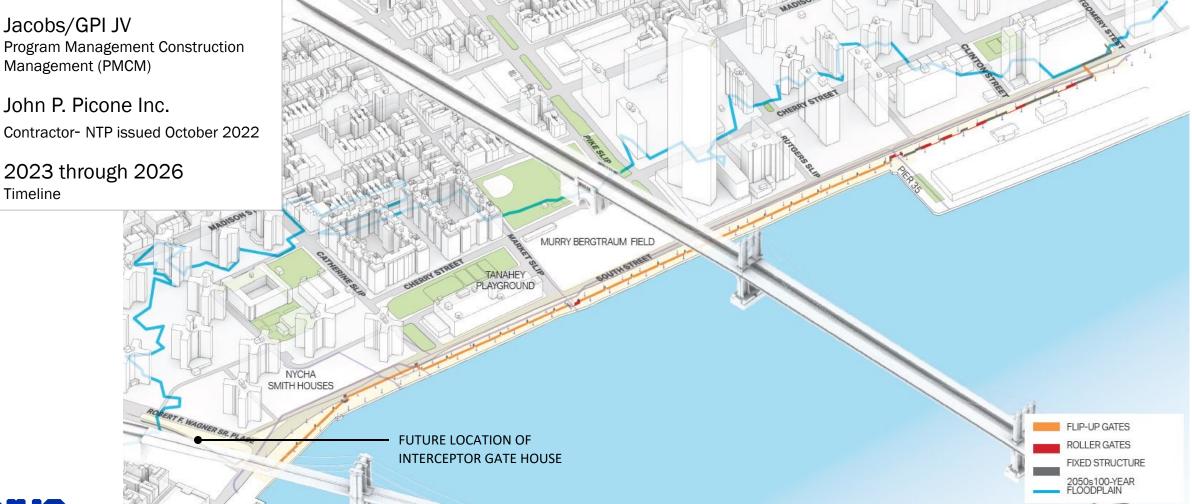
Highlights

- Project Area and Flood Protection
- Project Status
- Construction Updates
- Community Resources



BMCR | Project Area and Flood Protection Design

Project Details





BMCR | Project Status

ALL WORK IS SUBJECT TO CHANGE

Current Activities

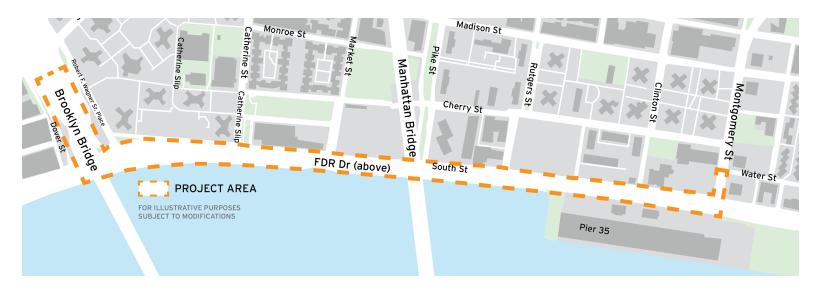
- Pre-construction survey
- Continue development of construction schedule and work sequencing
- Parking restrictions
- Install traffic control devices
- Exploratory test pit work

Upcoming Activities

- Temporary construction fence
 installation
- Water Main upgrades
- Shared bike path (Greenway) alignment changes – on or before March 27, 2023

Coordination

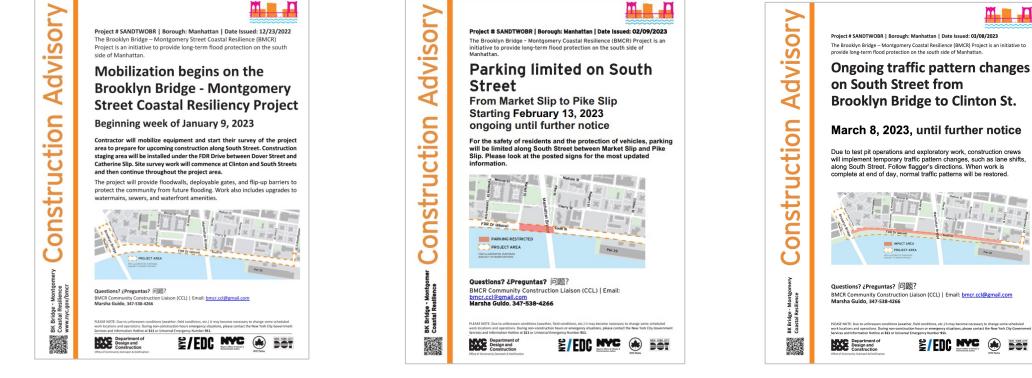
- Several portions of the esplanade are closed for EDC construction work
- Ongoing coordination with DOT to maintain safe, greenway access





BMCR | 2023 Construction Update

ALL WORK IS SUBJECT TO CHANGE







BMCR | Temporary Greenway Realignment

ALL WORK IS SUBJECT TO CHANGE

- Shift and new alignment will go into effect on or before March 27, 2023
- New alignment from Catherine Slip to Pier 35
- Bike and Pedestrian shared zone along waterfront
- Benches will be removed to ensure 10ft minimum width for emergency vehicle access
- Community advisory and circulation maps will be released prior







BMCR | Resources

• Visit Us

https://www.nyc.gov/site/Imcr/progress/brooklyn-bridgemontgomery-coastal-resilience.page Website recently updated!

- Community Construction Liaison:
 - Marsha Guido

347-538-4266

Email: <u>bmcr.ccl@gmail.com</u>

- Inquiry Tool (coming soon)
- CB 3 Parks Meetings
- On-site signage



Advisories posted on-site

f	Background	Progress Resources Get Involved Search
Br	ooklyn	Bridge-Montgomery Coastal
Re	silienc	
Brookly	n Bridge-	
	mery Coastal	BMCR Project Updates
		While the team works to update this website for construction, please see project resources bel
	tery Coastal	BMCR Bulletin #7 issued 2/10/2023
Resilien	ce	Active Community Advisories
Interim	Flood Protection	BMCR South Street Parking Advisory Spanish Chinese
Measure	e (IFPM)	BMCR Water Main Interruptions South St. from Pike Slip to Market Slip Spanish Chinese
Battery	Park City	BMCR Water Main Upgrades Advisory Spanish Chinese
	ce Projects	 BMCR Parking Restriction Advisory: South Street between Brooklyn Bridge and Rot F. Wagner Sr. Place Spanish Chinese
<u>.</u>		BMCR Mobilization Advisory Spanish Chinese
	ancial District and Climate	Presentations
Resilien	ce Master Plan	Community Board 3 Parks, Recreation, Waterfront & Resiliency Committee: Construction Update 01/13/2023





NYC	Lower Manhattan Coast	al Resiliency			311	Search all NYC.	gov websites
			NYC	 Lower Manhattan Coastal Resiliency 	יידיש 🕨	Translate 🔻	Text-Size
A	Background	Progress	Resources	Get Involved		Search	Q

Brooklyn Bridge-Montgomery Coastal Resilience

Lead: DDC, NYCEDC, MOCR

Funding: \$522M

Brooklyn Bridge-Montgomery Coastal Resilience

The Battery Coastal Resilience

Measure (IFPM)

combination of flood walls and deployable flip-up barriers to protect the neighborhood from a 100year storm surge in the 2050s, while also maintaining access and visibility to the waterfront. New York City Economic Development Corporation (NYCEDC) is leading design for the project, which will extend along the waterfront from the Brooklyn Bridge to Montgomery Street. EDC completed design in fall of 2021 and DDC is due to start construction in fall 2022. This project will reduce flooding risk – from both sea level rise and storm surge – for thousands of

In the Two Bridges neighborhood, the Department of Design and Construction (DDC) will install a

residents, including many living in affordable housing, while continuing to preserve views and access to the waterfront. These deployable barriers will be permanent infrastructure, hidden until they are flipped up in the event of a storm. The location of the flood walls and posts has been designed to minimize conflict with subsurface infrastructure and to maximize integration of public space amenities such as open-air seating, fitness equipment, and athletic courts.

Battery Park City Resilience Projects

Interim Flood Protection

The Financial District and Seaport Climate Resilience Master Plan

Seaport Coastal Resilience

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Print



Litransforms into critical flood protection during major flooding events.

\≦/EDC

Are you looking for more information?

Visit Us at:

https://www.nyc.gov/site/Imcr/progress/broo klyn-bridge-montgomery-coastalresilience.page





Community Resources

- Visit Us at:
 - www.nyc.gov/escr
 - <u>https://www.nyc.gov/site/Imcr/progress/brooklyn-</u> bridge-montgomery-coastal-resilience.page
- Community Construction Liaisons:
 - PA1: Joyce Xin (929) 844-0408
 Email: <u>ESCRCCL1@ddccr.com</u>
 - PA2: Nadine Harris (347) 572-3057
 Email: <u>ESCRCCL2@ddccr.com</u>
 - PC: Tannia Wokoun (914) 313-6863
 Email: sandrespc.ccl@gmail.com
 - BMCR: Marsha Guido, 347-538-4266
 Email: <u>BMCR.CCL@gmail.com</u>
- Inquiry Tool: <u>www.nyc.gov/escr/contact</u>
- CB 3 Parks Meetings



Community Impacts & Resources



Typical Community Impacts

- Detours and lane closures
 - Vehicular travel lane closures, detours and new traffic patterns
 - Cyclists and pedestrian detours
 - 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
- Public transportation will be maintained at all times including Ferry landings
- Emergency vehicle and pedestrian access to sidewalks will be maintained at all times
- Water Service Interruptions:
 - During the project there may be some service interruptions. To allow for water line replacement, existing water service must be temporarily shut off.
 - Advance notice will be provided before any service interruption. Water service will be restored at the end of each night.

Construction Bulletin East Side Coastal Resiliency

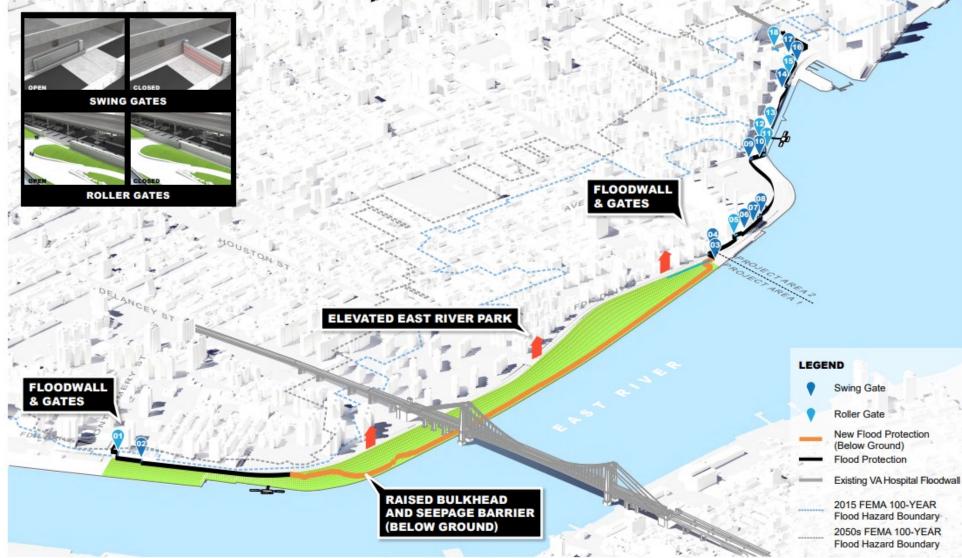
The fo	llowing is an anticipa	ted work schedule for	MANHATTAN DATE ISSU the upcoming week. <u>However, d</u> ions, operations, and dates, The	JED: 11/04/22 due to unforeseen field and weather conditions, it may becon e community will be advised of changes.
Map Key		Work Hours	Location	Operation
1		6:00 am to 6:00 pm	East River Park: South of Stanton Street	Soil stabilization activities & esplanade removal along waterfront. Ongoing deep excavation sewer work and pile installation. Weekend work anticipated.
2	11/07/22-11/18/22	7:00 am to 5:00 pm	East River Park: Delancey Street Bridge	Ongoing site preparation on the park side for the new Delancey Street
3	11/07/22-11/18/22	7:00 am to 5:00 pm	East River Park: Greenway between E. Houston St. & E. 10th St.	Entrances at E. Houston Street, E. 6 th St. Bridge and E. 10 th St. Bridge an See Access Plan for details and open areas. Ongoing Con Edison utility work and backfilling, see <u>Advisory</u> .
4	11/07/22-11/18/22	9:00 am to 5:00 pm	E. 10 th Street between FDR Drive and Avenue D	Ongoing utility work and test pits.
5	11/07/22-11/18/22	7:00 am to 5:00 pm	Corlears Hook Park Flagpole area & East River Park: Passive Lawn	For public access to ferry use the temporary bridge at Corlears Hook, see Ongoing site, utility work, and pile installation for new Corlears Hook E
6	11/07/22-11/18/22	7:00 am to 5:00 pm 9:00 pm to 5:30 am	East River Park: Greenway between Montgomery St. & Jackson St	Ongoing site preparation activities and sheet pile installation. Possible overnight work with partial FDR lane closures. See <u>Advisory</u> .
7		7:00 am to 3:30 pm 9:00 am to 2:00 pm		t Ongoing Con Edison work and test pits. Weekand work anticipated.
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hap below show the a d for closure and det	pproximate location of the our posted on the website GREENWAY PEDES'	Construction operations de https://www.l.mcc.sow/ Interactions.com/ Researching/ Marchanes/ Montons.com/ Compared Montons.com/ Compa	SIB/EAST/PROVECLUDERS/DALTOR	www.nyc.gov/escr



WHAT WE'VE HEARD

- Montgomery St. Greenway Pile Install: received several noise complaints regarding early pile driving
- Barging:

OVERVIEW OF CONTRACTS



June 2019 Open House Boards:

https://www1.nyc.gov/assets/ escr/downloads/pdf/190619_ CommunityOpenHouseBoards _FINAL_forWebsite.pdf