

East Side Coastal Resiliency Construction Update

CB3 Parks Committee Meeting

Virtual Meeting

January 12, 2023

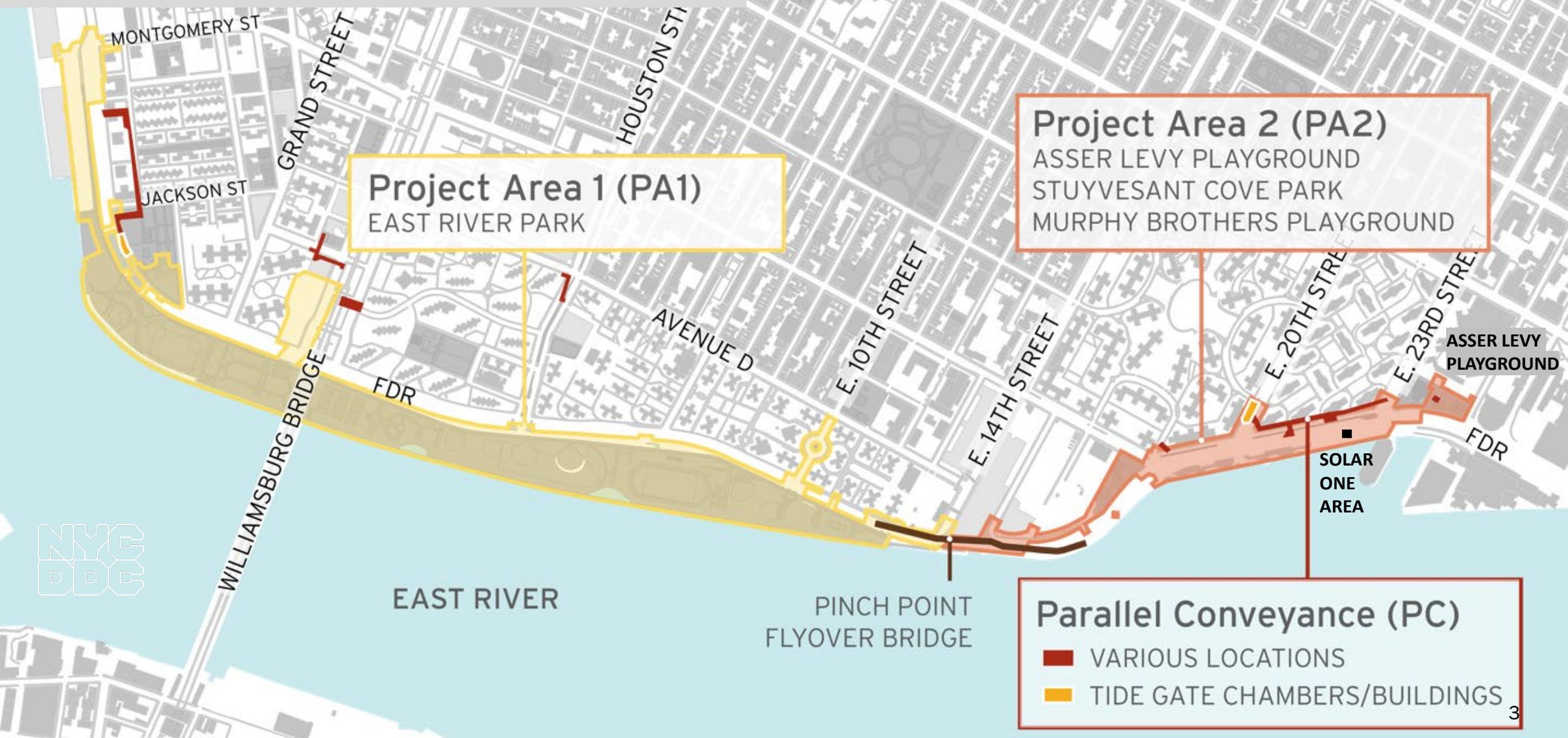


Mayor's Office of
Resiliency

Highlights

- Happy New Year
- Overview of Contracts
 - Project Area 1 Construction Updates
 - Project Area 2 Construction Updates
 - Parallel Conveyance Construction Updates
- Community Impacts & Resources

PROJECT AREA OVERVIEW



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, **soil stabilization** and deep sewer work in progress
- **floodwall construction activities ongoing around Montgomery Street**

Project Area 2 (PA2)

- NTP issued November 2020
- **over 1,400 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**
 - floodwall construction in progress south of E 20th St. – Greenway closed
- **Murphy Brothers flood protection construction in progress**

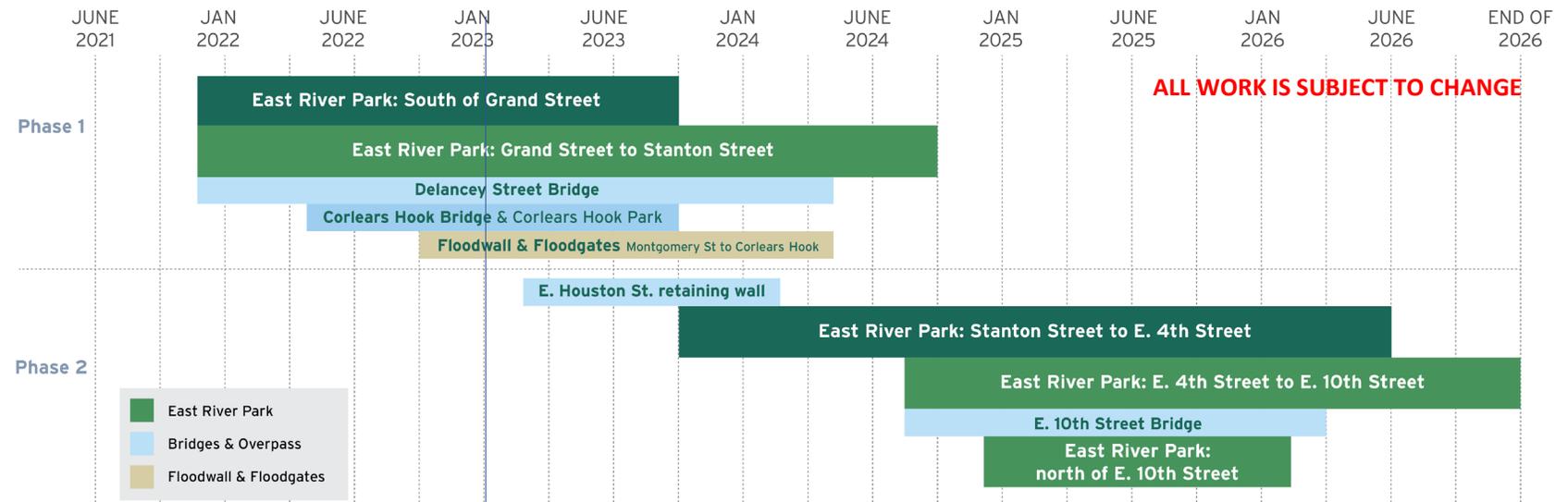
Parallel Conveyance (PC)

- contract awarded in May to NYCC JPL JV
- NTP issued September 13, 2022
- construction start early 2023
- contract duration is approximately 4 years

Project Area 1 (PA1)

PA1 | Construction Progress

- Link to PA1 Construction Timeline: <https://www1.nyc.gov/site/escr/project-updates/project-updates.page>



PA1 | Early 2023 Construction Activities

ALL WORK IS SUBJECT TO CHANGE

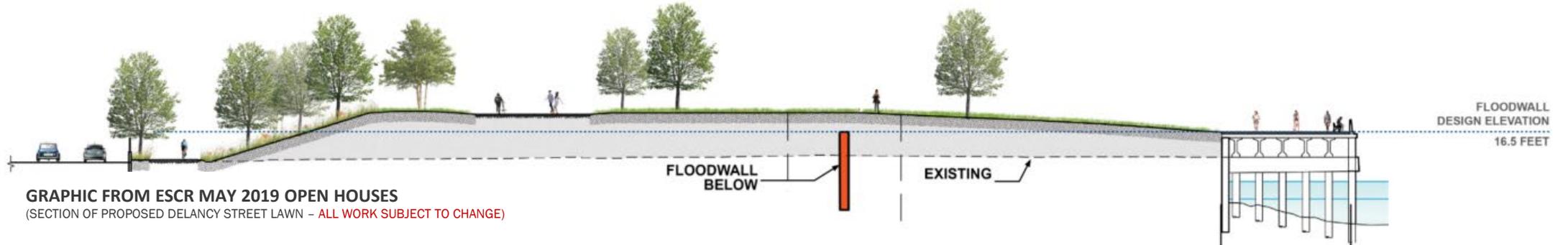
1. Esplanade removal activities along the waterfront.
Deep sewer activities and pile install.
Floodwall (Combi-wall) installation.
2. Delancey Street utility, pile and abutment work.
3. Construction for new Corlears Hook bridge.
4. Passive lawn partial closure for utility work.
5. **Utility work near Montgomery Street & South Street.**
Begin floodwall construction in 2023.
6. **Montgomery St. – Cherry St. Greenway floodwall activities.**
7. **Ballfield #3: Critical sewer bypass work and soil stabilization.**
8. 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.



PA 1 | Construction Work Sequencing

ALL WORK IS SUBJECT TO CHANGE



INLAND

- A. Mobilization & Removals
- B. Sewer Replacement & Upgrade
- C. Floodwall Pile Installation & Concrete Foundation
- D. Concrete Floodwall
- E. Fill & Compaction
- F. Site Elements & Materials (roadway, sidewalks, parks elements)

WATERFRONT / ESPLANADE

- A. Soil Stabilization
- B. Remove Esplanade
- C. Install new combi-wall & cap wall
- D. Install New Esplanade
- E. Fill (as needed by location)
- F. Site Elements & Materials (esplanade & parks elements)

PA1 | Ballfield #3 Sewer & Soil Stabilization

ALL WORK IS SUBJECT TO CHANGE

- Starting week of January 9, 2023
 - Construction activities critical to the completion of Phase 1 work will necessitate a partial temporary closure of Ballfield #3.
 - Pedestrian access to the esplanade and other park amenities will be maintained via pedestrian detour through Ballfield #3
 - Please follow onsite signage while closures are in effect to ensure safety
 - Continuing for approximately 2 months with restoration in March 2023
-
- Open Space is still over 42%
 - One tree removal with tree salvaged under Parks tree salvage program



Community Advisory

EAST SIDE
COASTAL
RESILIENCY

Project # SANDRESM1 | Borough: Manhattan | Issue Date: 12/23/2022

The East Side Coastal Resiliency (ESCR) Project is an initiative to provide long-term flood protection on the east side of Manhattan.

East River Park Ballfield #3 Partial Temporary Closure and Pedestrian Detour

Starting week of January 3, 2023
for approximately 2 months

Construction activities critical to the completion of Phase 1 work will necessitate a partial temporary closure of Ballfield #3. Pedestrian access to the esplanade and other park amenities will be maintained via pedestrian detour. Please follow onsite signage while closures are in effect to ensure safety.



Questions? ¿Preguntas? 问题?

PA1 Community Construction Liaison (CCL) | Email: ESCRCL1@ddcr.com

Sonia Quinones, para mas información llame, 347-628-8724

Joyce Xin, 欢迎中文咨询, 929-844-0408

Inquiries | Consulta en Línea | 线上咨询: www.nyc.gov/escr/contact

PLEASE NOTE: Due to unforeseen conditions (weather, field conditions, etc.) it may become necessary to change some scheduled work locations and operations. During non-construction hours emergency situations, please contact the New York City Government Services and Information Hotline at 311 or Universal Emergency Number 911.

East Side Coastal Resiliency
www.nyc.gov/escr

PA1 | Delancey Street Pedestrian Detour

- pedestrian detour on South Street
- to facilitate pier work for the Delancey Street pedestrian bridge
- detour will continue for several months
- signage is posted



Community Advisory

EAST SIDE
COASTAL
RESILIENCY

Project # SANDRESM1 | Borough: Manhattan | Issue Date: 12/16/2022

The East Side Coastal Resiliency (ESCR) Project is an initiative to provide long-term flood protection on the east side of Manhattan.

Sidewalk Closure at Delancey Street and FDR Drive

Starting week of December 27 Ongoing until further notice

Construction activities will necessitate the closure of the sidewalk at Delancey St. between FDR Dr. and Mangin St. This change will be in place 24 hours/day, 7 days/week. Traffic will be maintained and pedestrian detour is in effect. Please follow all signs and directions placed on-site to ensure safety.

Resiliency

Resiliency

PA1 | Montgomery Greenway Floodwall

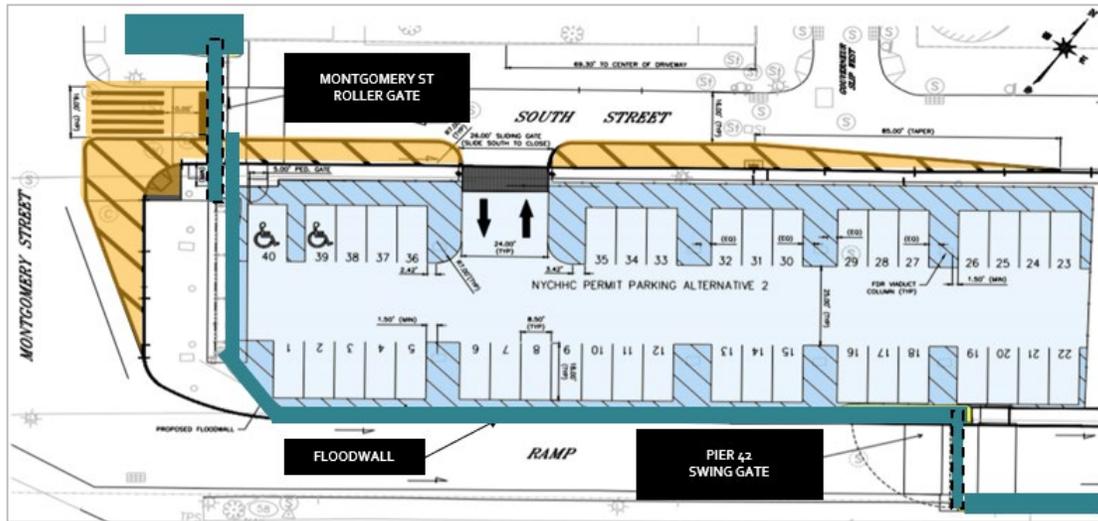


Montgomery Greenway Floodwall Sheet Pile installation complete as of January 2023



PA1 | Montgomery Street Floodwall Activities 2023

ALL WORK IS SUBJECT TO CHANGE



Montgomery Street Parking Lot (used by Health & Hospitals) Floodwall



Gouverneur Gardens Floodwall

PA1 | Construction Photos



Corlears Hook Bridge East Abutment - January 2023



Delancey Street Bridge East Abutment - January 2023

PA1 | Construction Photos



Deep Sewer Excavation and Construction - January 2023

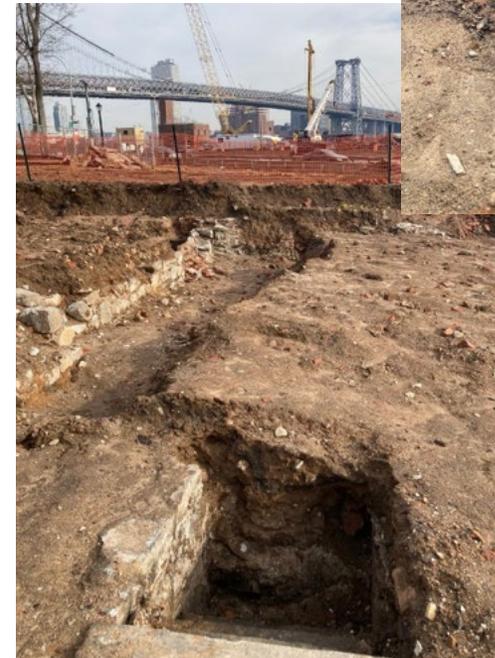
PA1 | Corlears Hook Archaeology

The Archaeological field work calls for exposing factory remains to better understand the site.

- Based on historical maps, the foundations unearthed were within a large structure identified as the North River Sugar Refining Company, in operation prior to 1852, and established on the site of an iron foundry.
- No tools, machinery, or structures have been identified in the field.
- In the area north of the sugar refinery, archaeological fieldwork has concentrated on a row of residential/commercial structures that fronted on Cherry and Corlears Streets.
- All structures were likely built in the 1820s, and were extant into the mid-1890s, at which date the entire block was razed for the construction of Corlears Hook Park.
- Archaeological work to date has not uncovered any findings of significance. Soils are being tested for traces of Native American artifacts in coordination with the Stockbridge-Munsee Tribal Historic Preservation Office. Soils are also undergoing the contract baseline testing for onsite reuse or offsite soil disposal. To date, no hazardous soils have been identified in Corlears Hook Park.
- All work associated with Corlears Hook Park Archaeology is coordinated with SHPO, THPO, LPC, and NYC Parks.



Cistern for Water Collection - January 2023



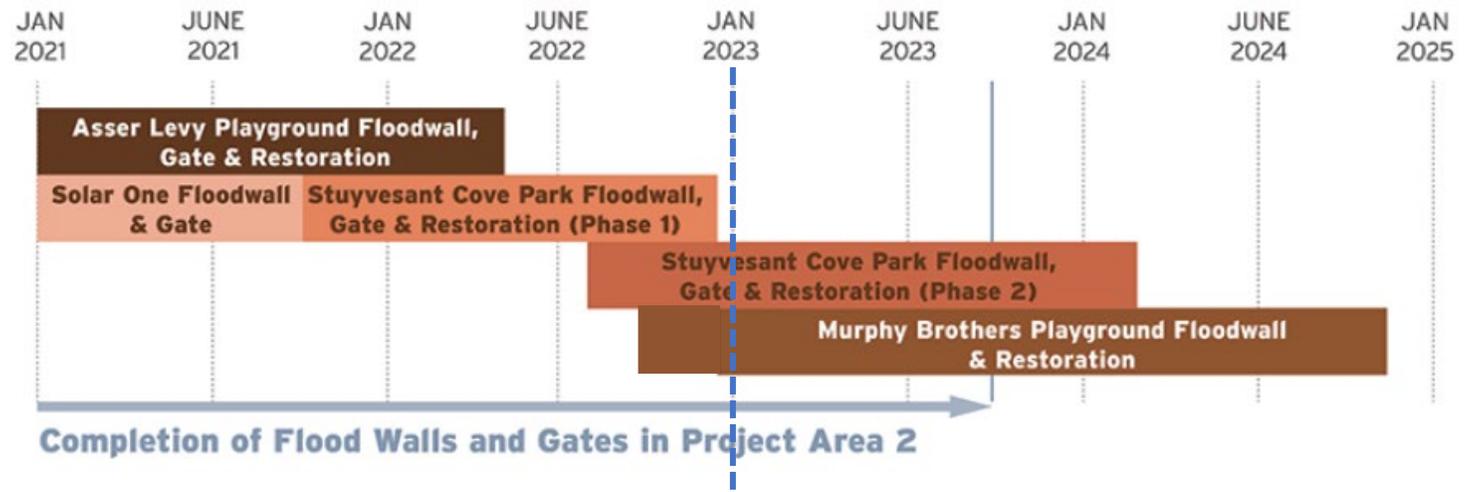
Building Foundations - January 2023

Project Area 2 (PA2)

PA2 | Construction Progress

ALL WORK IS SUBJECT TO CHANGE

1. Stuyvesant Cove Park north of E 20th St.:
 - Sea-rail and iron-rail installation
2. Stuyvesant Cove Park south of E 20 St:
 - ongoing floodwall & seawall construction
 - **ferry access will remain open**
3. E 23rd St. Intersection & under the FDR Service Rd. adjacent to the BP Gas Station:
 - floodwall construction
4. Murphy Brothers Playground and E 18th St. at the FDR East Service Road
 - Under construction with pile installation and floodwall construction
5. E 15th Street between Ave C and FDR Dr. within Con Edison
 - sewer reconstruction



PA2 | Construction Photos



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

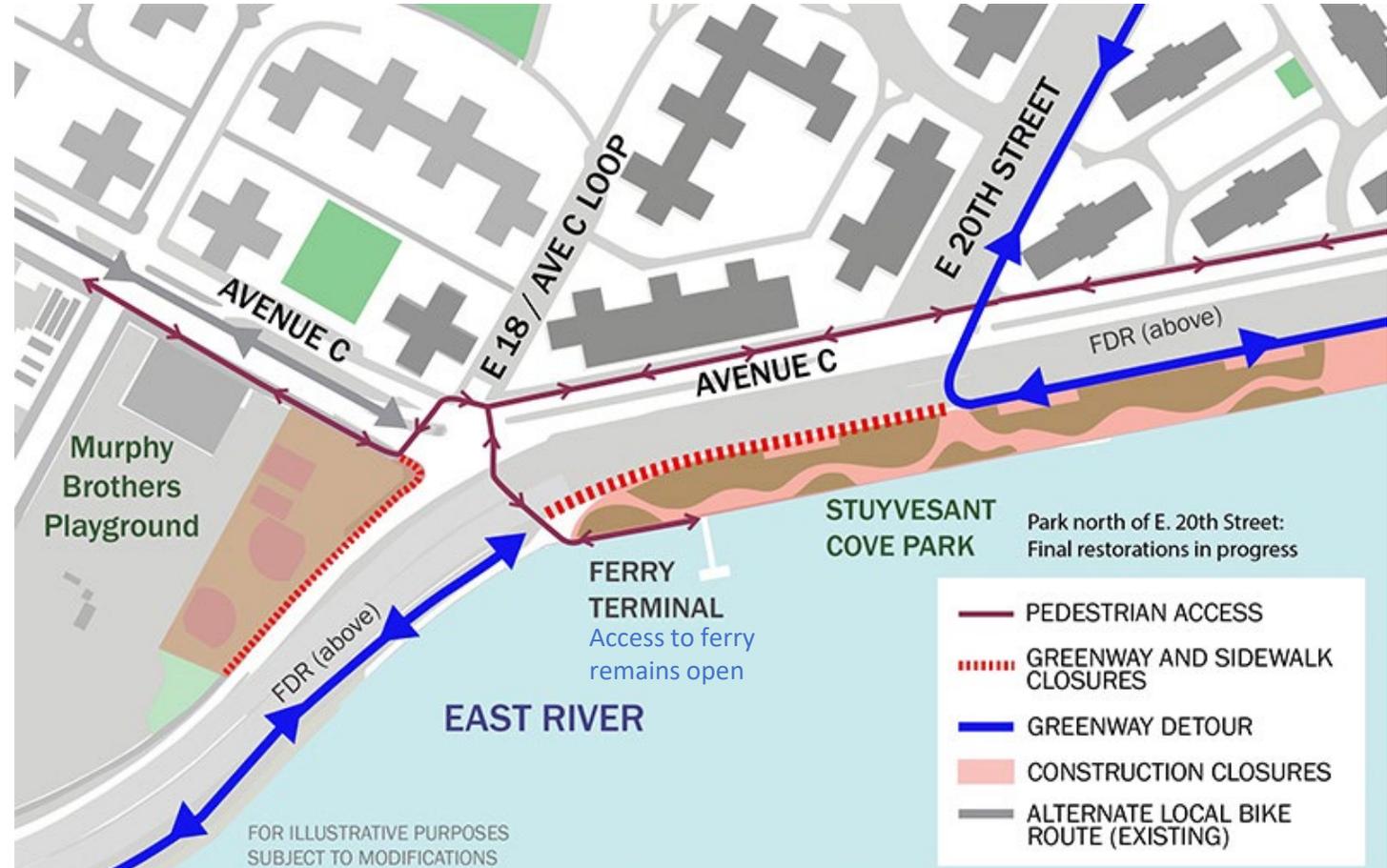
PA2 | Construction Photos



Murphy Brothers Playground sheet pile installation – December 2022

PA2 | Current Greenway Access

- Stuyvesant Cove Park under construction
- Stuyvesant Cove Park Ferry access remains open and is accessible from E18th St only
- the Greenway from E20th St north is open
- access to East River Park remains



PA2 | Greenway Access Look-ahead

Early 2023

- Greenway from E20th St south will close and access to East River Park from Stuyvesant Cove Park will end
- Stuyvesant Cove Park Ferry access will remain open
- More details and dates to follow



Parallel Conveyance (PC)

PC | Project Status

Project Details

- STV Incorporated
Construction Management (CM)
- NYCC JPL JV
Contractor
NTP issued September 2022
- Timeline:
Construction to begin early 2023
and continue through 2026

Current Activities

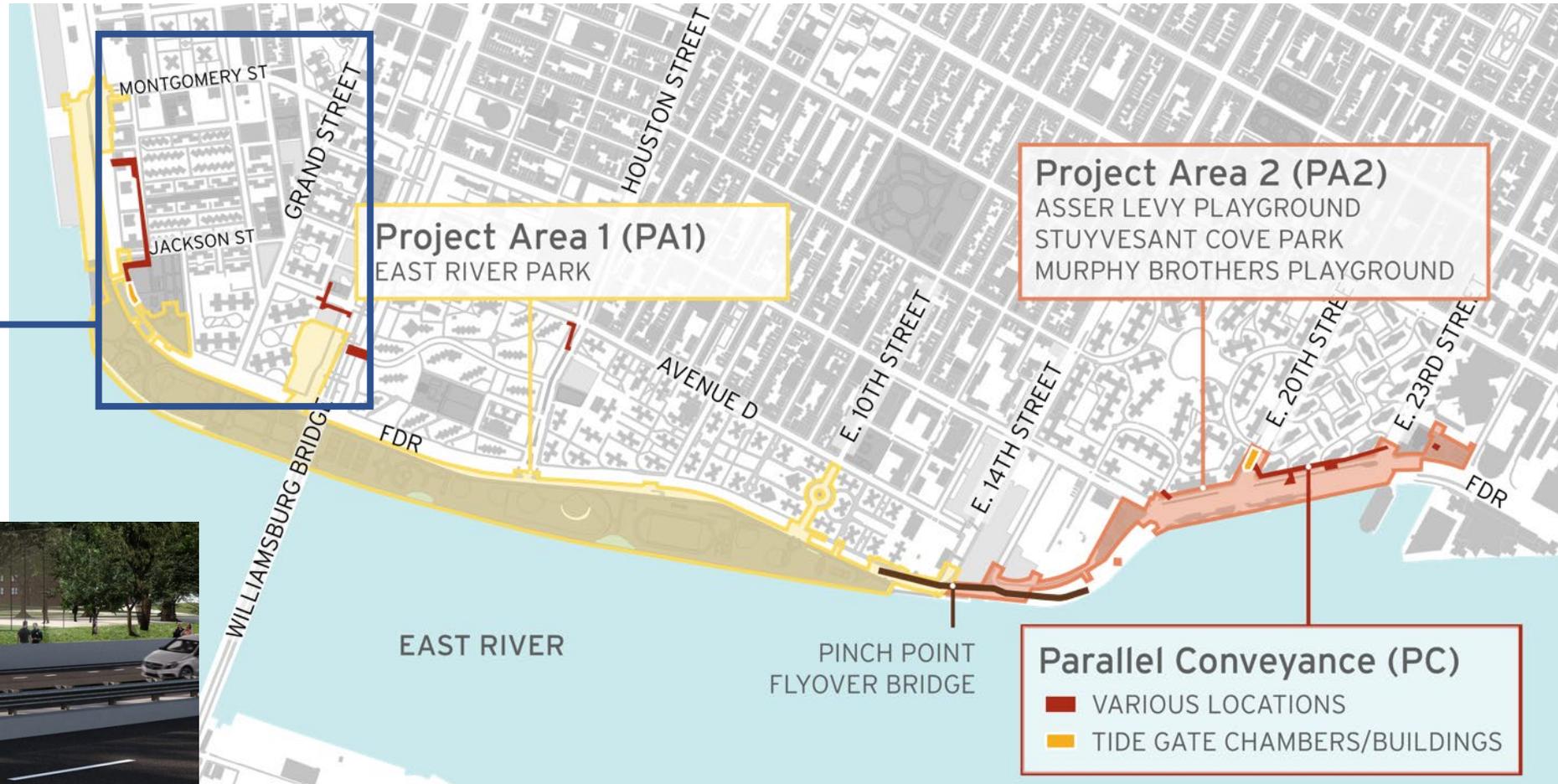
- Internal submittal review activities
- Preparation for mobilization

Upcoming Activities:

- Site survey, test pits, mobilization
- Staging & equipment areas
- Site preparation and removal of site furnishings
- Utility Work

PC | Overview

Construction Activities will begin in the southern portion of the project and move north



PC | Construction Update

Mobilization begins on ESCR's Parallel Conveyance

- Starting on/about Week of January 23, 2023
- Contractor will mobilize equipment and start their survey of the project area to prepare for upcoming construction activities in the southern portion of the project between Montgomery Street and Delancey Street.
- More details to follow.
- Temporary street and sidewalk closures may be necessary to accommodate construction equipment and crews.
- Advisories and Bulletins will be posted on-site and on the ESCR website: www.nyc.gov/escr



Community Advisory

East Side Coastal Resiliency
www.nyc.gov/escr



EAST SIDE
COASTAL
RESILIENCY

Project # SANDRESPC | Borough: Manhattan | Issue Date: 1/13/2023

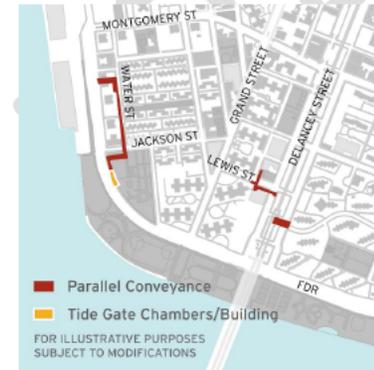
The East Side Coastal Resiliency (ESCR) Project is an initiative to provide long-term flood protection on the east side of Manhattan.

Mobilization begins on ESCR's Parallel Conveyance

Starting on/about Week of January 23, 2023

Contractor will mobilize equipment and start their survey of the project area to prepare for upcoming construction activities in the southern portion of the project between Montgomery Street and Delancey Street. More details to follow. Temporary street and sidewalk closures may be necessary to accommodate construction equipment and crews.

Parallel Conveyance will protect inland flooding areas within the project limits from Montgomery Street to E 25th Street. Work includes installation of water mains, upgrades to existing sewer capacity and relocation of utilities. Advisories and Bulletins will be posted on-site and on the ESCR website: www.nyc.gov/escr



Questions? ¿Preguntas? 问题?

PC Community Construction Liaison (CCL) | Email: sandrespc.ccl@gmail.com

Tannia Wokoun, 914-313-6863

Inquiries | Consulta en Línea | 线上咨询: www.nyc.gov/escr/contact

PLEASE NOTE: Due to unforeseen conditions (weather, field conditions, etc.) it may become necessary to change some scheduled work locations and operations. During non-construction hours emergency situations, please contact the New York City Government Services and Information Hotline at 311 or Universal Emergency Number 911.

NYC
Department of
Design and
Construction
Office of Community Outreach & Notification



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
www.nyc.gov/escr

PROJECT AREA 1 – Two Week Look Ahead
11/05/22 - 11/19/22

PROJECT#: SANDRESM1 | BOROUGH: MANHATTAN | DATE ISSUED: 11/04/22

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. The community will be advised of changes.

Map Key	Date	Work Hours	Location	Operation
1	11/05/22–11/19/22	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 Bridge.
3	11/07/22–11/18/22	7:00 am to 5:00 pm	East River Park: Greenway between E. Houston St. & E. 10 th St.	Entrances at E. Houston Street, E. 6th St. Bridge and E. 10th St. Bridge are open. See Access Plan for details and open areas. Ongoing Con Edison utility work and backfilling, see Advisory .
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 Advisory . Ongoing site, utility work, and pile installation for new Corlears Hook Bridge.
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 Advisory .
7	11/05/22–11/06/22 11/07/22–11/18/22	7:00 am to 3:30 pm 9:00 am to 2:00 pm	Montgomery Street / South Street area and Various Locations	Ongoing Con Edison work and test pits. Weekend work anticipated.

Construction Bulletin

East Side Coastal Resiliency
www.nyc.gov/escr

Numbers on the map below show the approximate location of the construction operations described on the first page. For more detailed information, see Advisories released for closure and detour posted on the website: <https://www1.nyc.gov/site/escr/project-updates/pa1-notice.page>.

GREENWAY PEDESTRIAN ACCESS PLAN - SUBJECT TO MODIFICATIONS

- PARK ACCESS
- FERRY/BIKE/STREET
- GREENWAY CLOSURES
- TRACK & FIELD REMAINS OPEN
- SOIL CONCRETION REMAINS OPEN
- CLOSED PARK AREA
- OPEN PARK AREA
- ← ACCESS POINTS

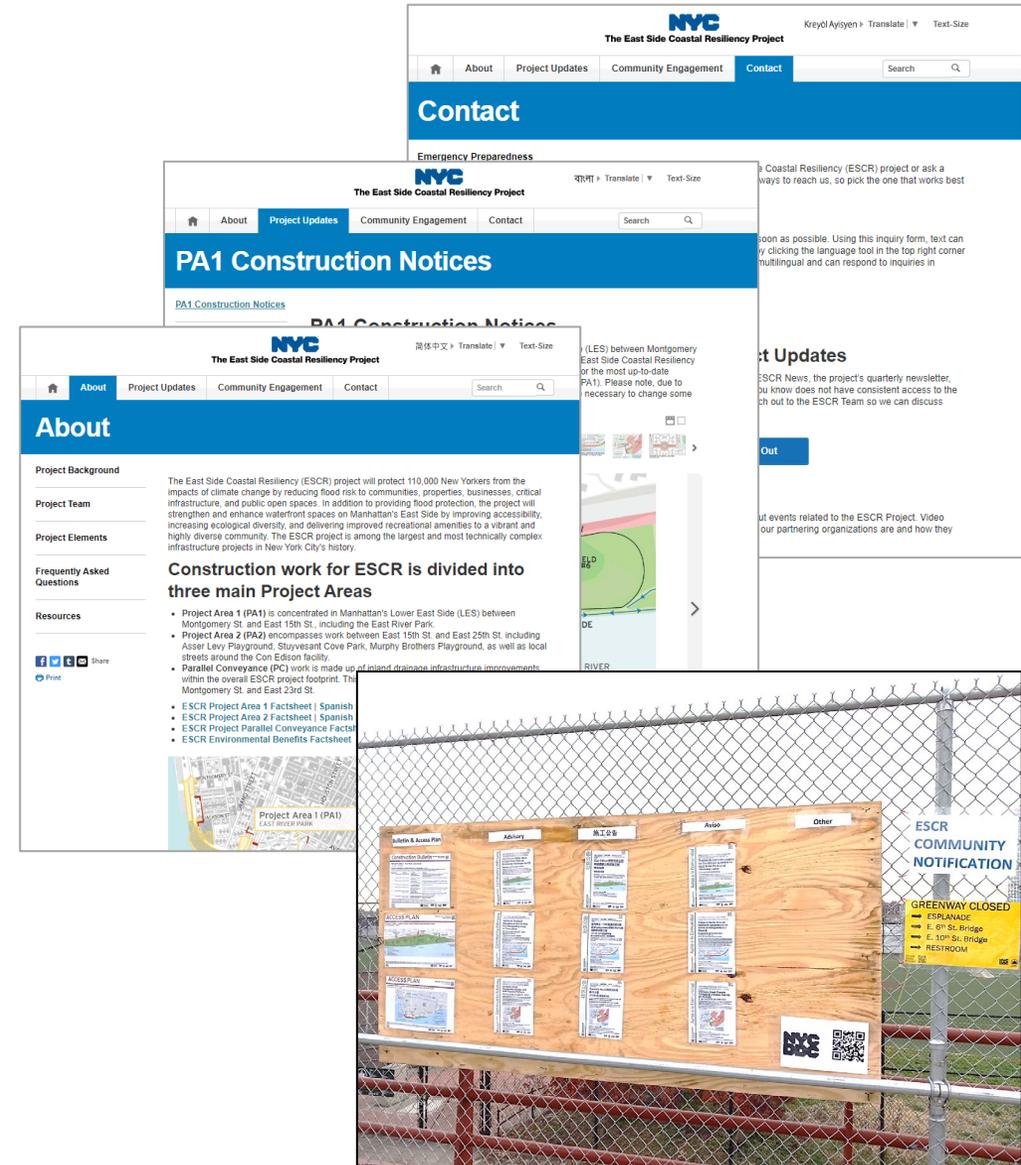
Sheet Pile for floodwall along the Greenway
October 2022

Questions? / Preguntas? 问题? Contact **Sonia Quinones** at (347) 628-8724, **Joyce Xin** at (929) 844-0408, ESCRCL1@ddccr.com, or via web inquiry: www.nyc.gov/escr/contact. During non-construction hours, please contact the New York City Government Services and Information Hotline at **311** or Universal Emergency Number **911**.

EAST SIDE COASTAL RESILIENCY | **NYC DDC** Department of Design and Construction | **NYC DOT** Department of Transportation | **NYC** New York City

Community Resources

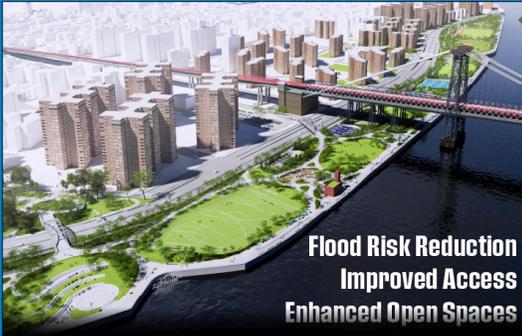
- Visit Us at: www.nyc.gov/escr
- Community Construction Liaisons:
 - PA1: Sonia Quinones (347) 628-8724
PA1: Joyce Xin (929) 844-0408
Email: ESCRCCL1@ddccr.com
 - PA2: Nadine Harris (347) 572-3057
Email: ESCRCCL2@ddccr.com
 - PC: Tannia Wokoun (914) 313-6863
Email: BMCR.CCL@gmail.com
- Inquiry Tool: www.nyc.gov/escr/contact
- CB 3 Parks Meetings
- On-site signage



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NYC The East Side Coastal Resiliency Project 简体中文 Translate Text-Size

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**Flood Risk Reduction
Improved Access
Enhanced Open Spaces**

LEARN MORE
Construction on the East Side Coastal Resiliency project will begin in Fall 2020. Learn more about where construction will occur and how to receive updates throughout the project.

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.

<p>Construction Progress</p>	<p>Resiliency & Flood Protection</p>	<p>Project Background & Goals</p>	<p>Project Design</p>
<p>Construction Notices View our most recent community presentations for updates as we prepare for upcoming construction activities.</p>	<p>Resiliency and Flood Protection Learn more about ESCR's resiliency and the forward-thinking flood protection measures being implemented to protect 110,000 New Yorkers from the impacts of climate change.</p>	<p>Project Background and Goals Read about the history and background of ESCR, and the goals driving this technically complex infrastructure project.</p>	<p>Project Design From flood protection 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.</p>

NEED MORE INFORMATION?

VISIT US AT:
www.nyc.gov/escr

Happy New Year from the ESCR Team!

