

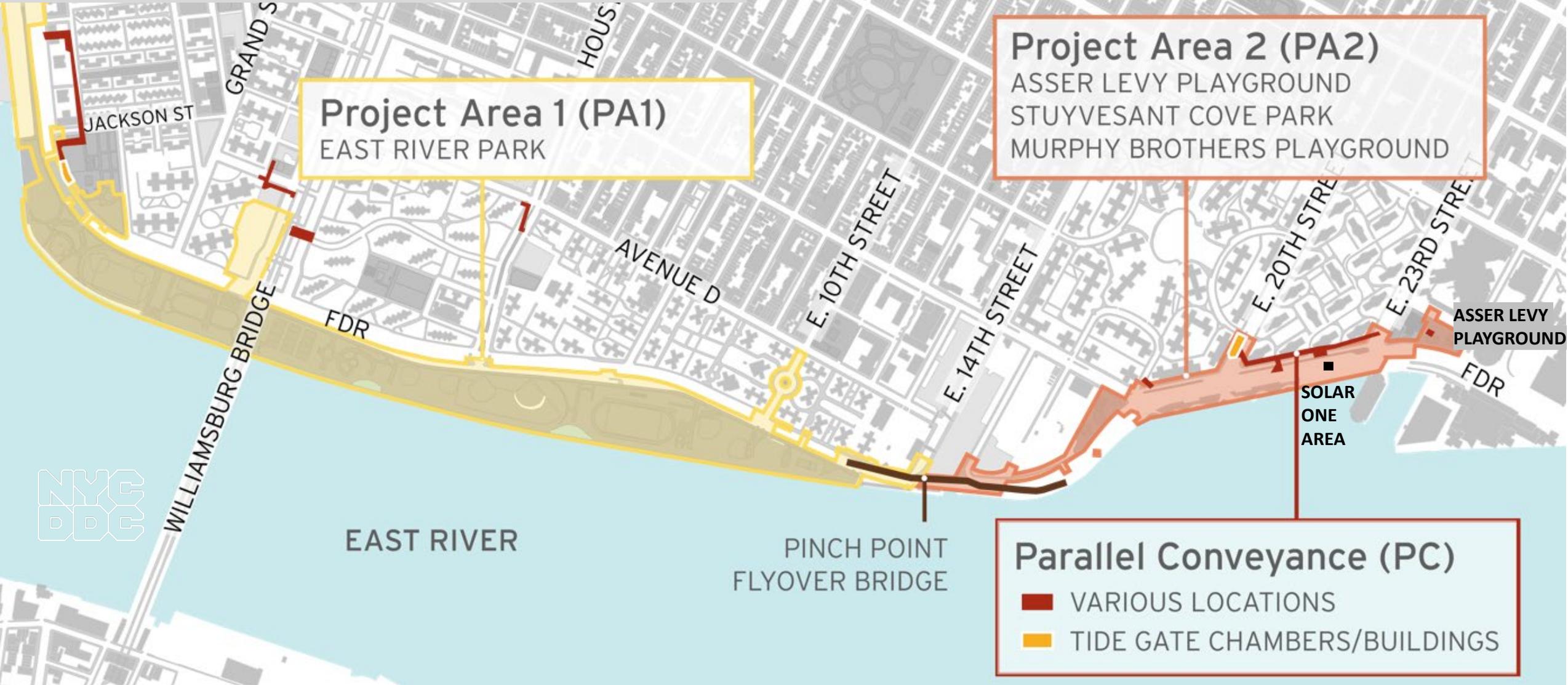
COMMUNITY ADVISORY GROUP (CAG)

Meeting #28

**East Side Coastal
Resiliency (ESCR)
Project**

Zoom Conference Call
Thursday December 15, 2022 | 4:00 pm

Project Area Overview



ESCR FOCUS AREA TOPICS

**CONSTRUCTION
PROGRESS/
APPROACH**

ENVIRONMENT

**ACCESS/
SIGNAGE/
SAFETY**

**PARK
AMENITIES**

**HIRING
COMPLIANCE**

**PROJECT
INFORMATION
DELIVERY**

**COMMUNITY
PROGRAMMING &
COORDINATION**

QUESTIONS?



**CONSTRUCTION
PROGRESS/
APPROACH**

ENVIRONMENT

Project Area Overview

Project Area 2 & Project Area 1 Construction Updates

Environmental Reporting Update

Project Area Overview

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 removed. Corlears Hook temp ped Bridge installed.
- ongoing ConEd Work
- esplanade removal, soil stabilization and deep sewer work in progress
- floodwall construction activities ongoing around Montgomery Street greenway

Project Area 2 (PA2)

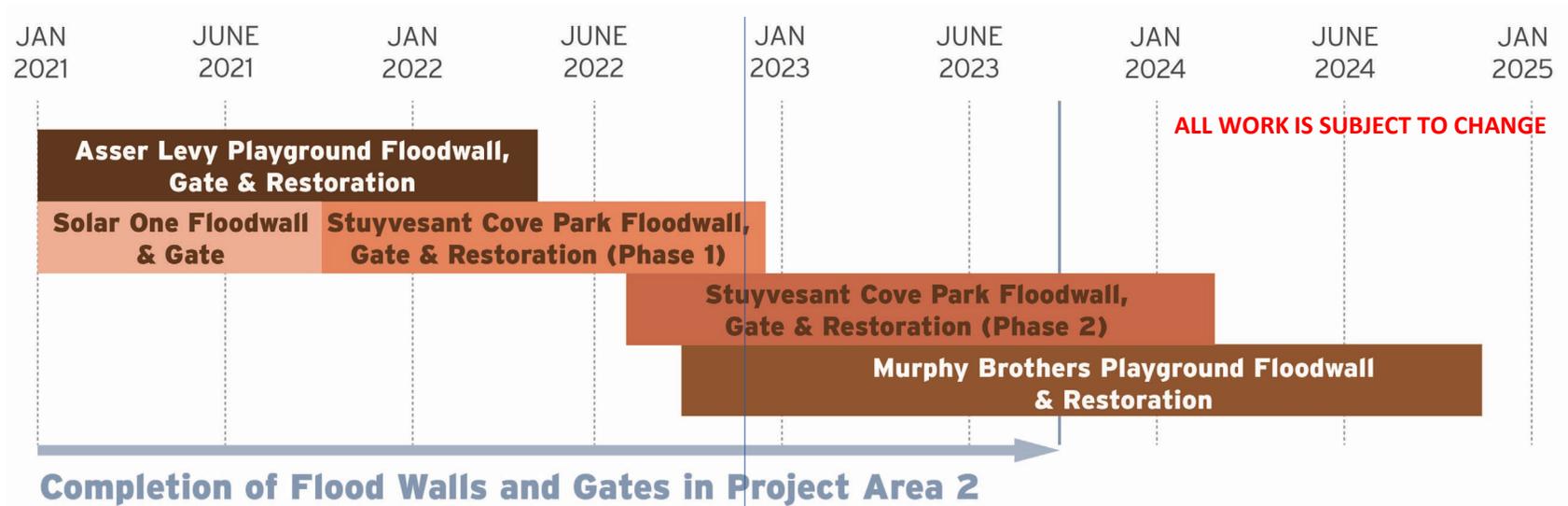
- NTP issued November 2020
- **over 1,400 ft of floodwall installed**
- Asser Levy Playground Open & Gate 18 installed
- Stuyvesant Cove Park including Solar One Area under construction
 - Gate 14 installed
 - site restoration north of E 20th St. underway - Greenway open
 - floodwall construction in progress south of E 20th St. – Greenway closed
- Murphy Brothers work started September 26, 2022

Parallel Conveyance (PC)

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

**CONSTRUCTION
PROGRESS/
APPROACH**

PA2 | Construction Progress



PA2 | Construction Progress

CONSTRUCTION PROGRESS/ APPROACH

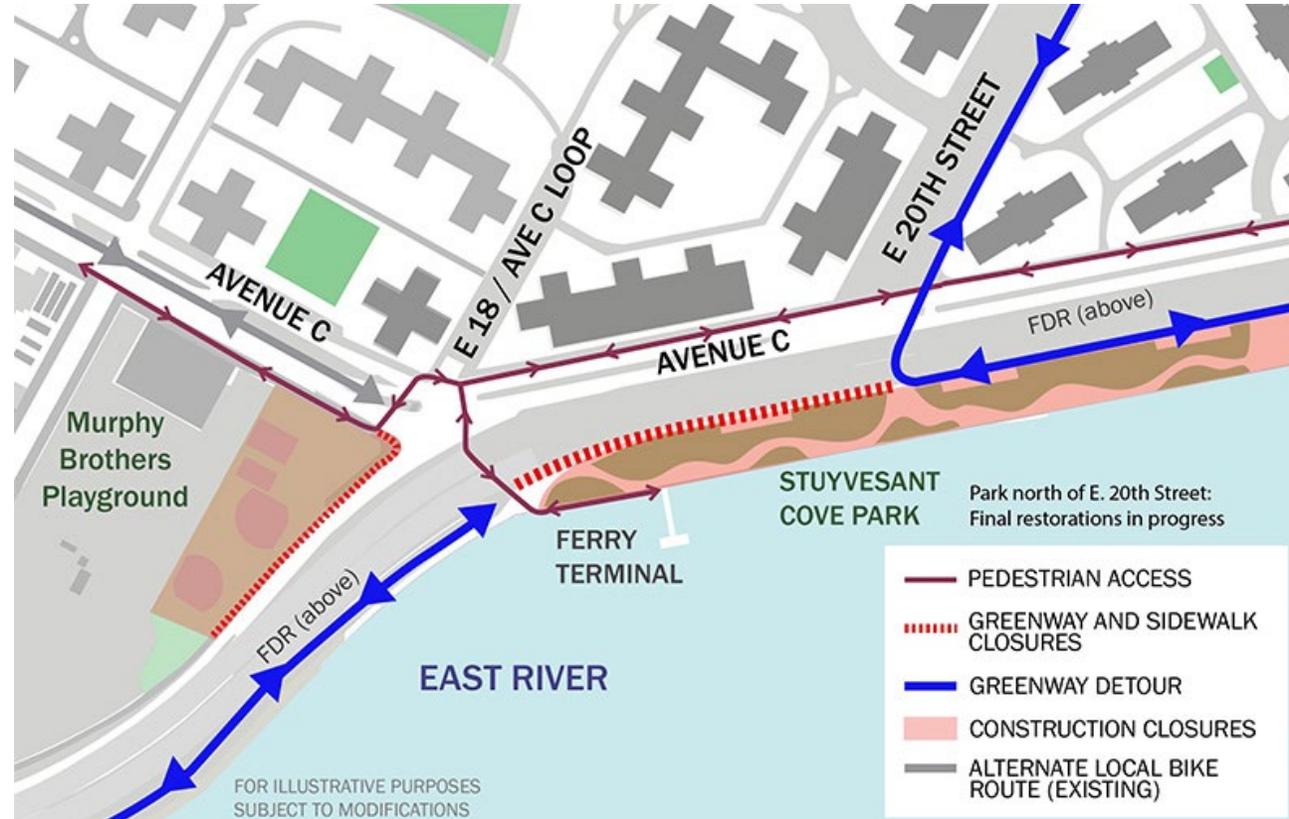
- Stuyvesant Cove Park under construction
- Area #1 – anticipated to reopen in early 2023
- Area #2 – scheduled to reopen in early 2024



PA2 | Current Greenway Access

ACCESS/ SIGNAGE/ SAFETY

- 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 | Construction Photos

CONSTRUCTION
PROGRESS/
APPROACH



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

PA2 | Construction Photos

CONSTRUCTION
PROGRESS/
APPROACH



Murphy Brothers Playground sheet pile installation – December 2022

CONSTRUCTION PROGRESS/ APPROACH

PA1 | Construction Progress



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



PA1 | 2022- Early 2023 Construction Activities

ALL WORK IS SUBJECT TO CHANGE

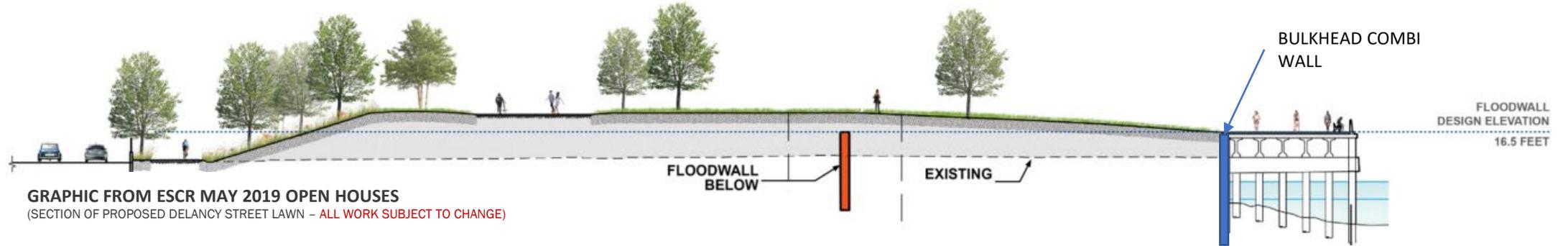
1. Esplanade dismantling along the waterfront. Deep sewer activities and pile install. **Soil stabilization activities are completed for Phase 1. Floodwall (Combi-wall) installation has started.**
2. Delancey Street utility, pile and abutment work. **Upcoming pedestrian detour.**
3. Construction for new Corlears Hook bridge in progress.
4. Passive lawn partial closure for utility work.
5. Utility work near Montgomery Street & South Street continues. **Montgomery Street floodwall construction in 2023.**
6. Montgomery St. – Cherry St. Greenway floodwall activities continue.
7. ConEd work in Shared Use Path E. Houston Street to E. 10th Street will complete this year. Slip Ramps in use.
8. E 10th Street utility work ongoing.
9. **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



GRAPHIC FROM ESCR MAY 2019 OPEN HOUSES
(SECTION OF PROPOSED DELANCY STREET LAWN - ALL WORK 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 | Montgomery Greenway Floodwall Activities

ALL WORK IS SUBJECT TO CHANGE

- work was originally scheduled to be completed during overnight shifts
- with the use of the slip ramps and creativity of the contractor the majority of work is being completed during day shifts
- week of November 14 for one-two weeks, the Contractor will need to complete work during night shift on the FDR and Greenway
- Contractor will then shift back to daytime shifts
- vibratory machines are being used however during certain parts of the operation and when obstructions are hit, the noise will increase
- Work hours for pile install are 7am – 6pm however the contractor may start to mobilize and perform other work activities at 6am

Community Advisory

Project # SANDRESM1 | Borough: Manhattan | Update: 07/29/2022

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

Nightwork: Floodwall Operations at NB FDR Drive from Montgomery Street to Cherry Street

Starting week of July 25th, 2022
9:00 pm to 5:00 am
Ongoing for several months

To facilitate construction of the floodwall, preparation activities for pile install will necessitate overnight work with FDR lane closures. After preparation activities, overnight pile install will begin. Noise monitors are in place.

FDR onramp Exit #3 northbound entrance (Montgomery Street) will remain open unless otherwise indicated. See weekly bulletin for more information.



Questions? Preguntas? 问题?
PA1 Community Construction Liaison (CCL) | Email: ESCRCL1@ddccr.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.



Department of Design and Construction
Office of Community Outreach & Notification



NYC Parks



NYC Department of Environmental Protection

Sheet pile installation along Greenway is approximately 50% completed.

COMMUNITY ADVISORY GROUP— East Side Coastal Resiliency Project

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**CONSTRUCTION
PROGRESS/
APPROACH**

PA1 | Montgomery Greenway Floodwall Rendering



**CONSTRUCTION
PROGRESS/
APPROACH**

PA1 | Montgomery Street Floodwall Activities

ALL WORK IS SUBJECT TO CHANGE



FLOODGATE IN THE OPEN POSITION

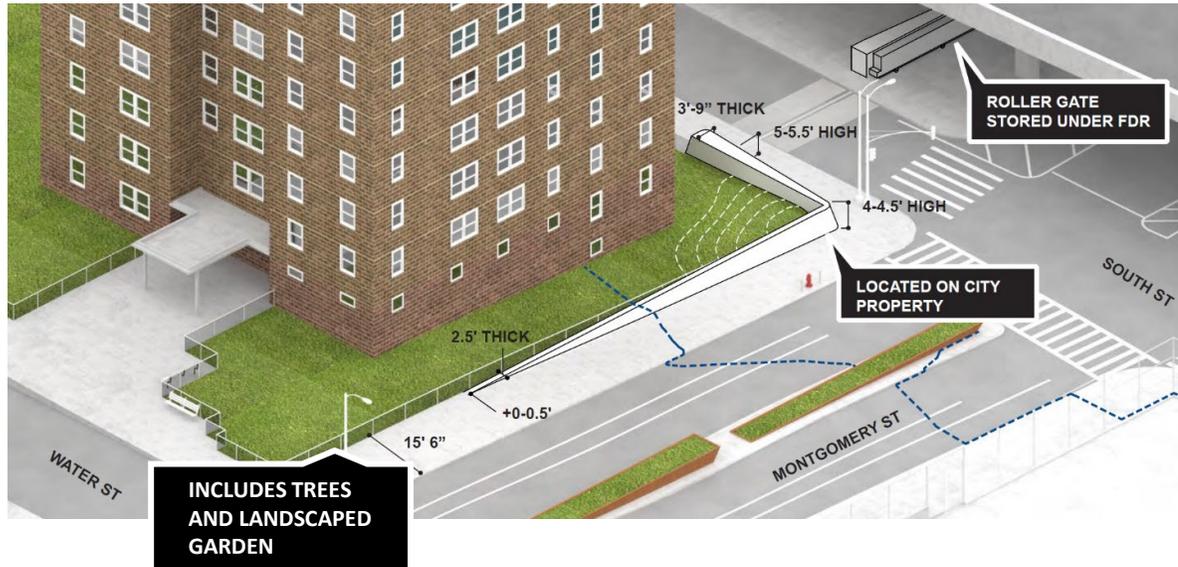


FLOODGATE IN THE CLOSED POSITION

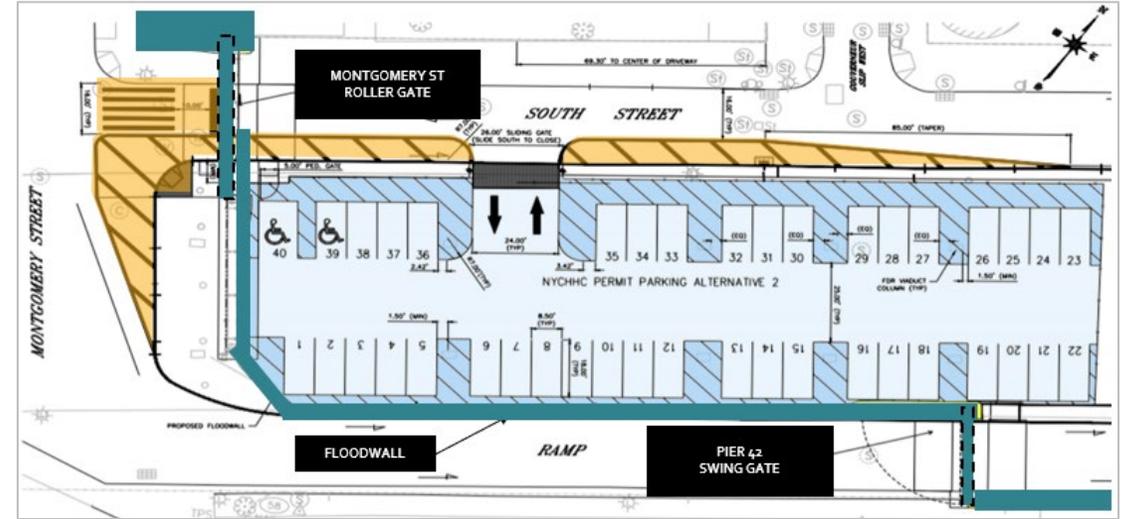
**CONSTRUCTION
PROGRESS/
APPROACH**

PA1 | Montgomery Street Floodwall Activities 2023

ALL WORK IS SUBJECT TO CHANGE



Gouverneur Gardens Floodwall



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

PA1 | Construction Photos

**CONSTRUCTION
PROGRESS/
APPROACH**



Corlears Hook Bridge West Abutment



Corlears Hook Bridge East Abutment



PA1 | Corlears Hook Bridge Rendering

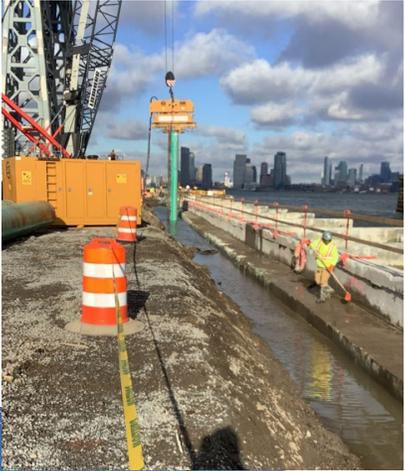
**CONSTRUCTION
PROGRESS/
APPROACH**



CORLEARS HOOK BRIDGE

PA1 | Combi Wall Bulkhead / Floodwall

**CONSTRUCTION
PROGRESS/
APPROACH**



Pipe pile



Sheet pile



+

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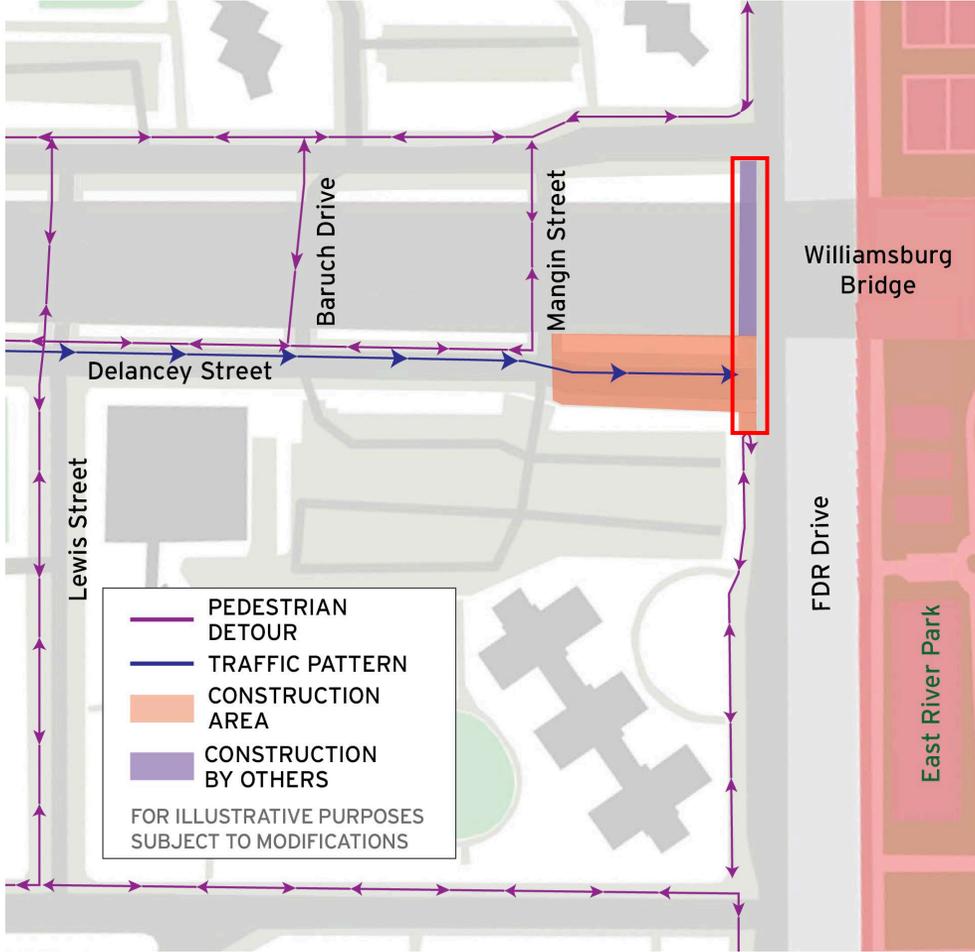
Combi wall (non-ESCR photo)



PA1 | Delancey Street Pedestrian Detour

CONSTRUCTION PROGRESS/ APPROACH

- pedestrian detour on South Street to start the week of December 27, 2022
- to facilitate pier work for the Delancey Street pedestrian bridge
- detour will continue for several months
- Signage will be posted in advance of closure



PA1 | Access and Signage Updates

ACCESS/
SIGNAGE/
SAFETY

PROJECT
INFORMATION
DELIVERY

- **Delancey Street:** team is working on additional signage including ‘bridge closed ahead’
- **Google Maps:** team is coordinating with Google Maps to update access per ESCR closures
- **Site Signage:** centralized Information Sign at Houston Street





Environmental Reporting Update

Environmental Reporting Update

The screenshot shows the website for the NYC East Side Coastal Resiliency Project. The header includes the NYC logo, the project name, and navigation options for language (Italiano) and text size. The main navigation bar has links for Home, About, Project Updates (which is highlighted), Community Engagement, and Contact. A search bar is also present. Below the navigation is a large blue banner with the text "Environmental Monitoring".

The main content area is divided into a left sidebar and a main right section. The sidebar contains links for PA1 and PA2 Construction Notices, Environmental Monitoring, Presentations, Newsletters, and a Gallery. At the bottom of the sidebar are social media sharing icons (Facebook, Twitter, LinkedIn, Email) and a Print button.

The main section features a "Air Quality" heading. Below it is a paragraph explaining the project's commitment to providing quarterly air quality monitoring summaries. This is followed by a numbered list of four items: 1. Air Quality Management Plan, 2. Daily Air Quality Mitigation Techniques, 3. Daily Air Quality Monitoring, and 4. Air Quality oversight by environmental specialists.

Below the list is a highlighted yellow box containing two sections: "Project 1 Area Monitoring Reports" and "Project 2 Area Monitoring Reports". Each section lists specific reports with their monitoring periods. For Project 1, reports include the 2nd Quarter 2022 SANDRESM1 and 1st Quarter 2022 SANDRESM1. For Project 2, reports include the 2nd Quarter 2022 SANDRESM2, 1st Quarter 2022 SANDRESM2, Second Half 2021, and First Half 2021.

At the bottom of the main section, there is a paragraph about regular air monitoring updates at Community Advisory Group (CAG) Meetings, followed by a list of links to download CAG Air Monitoring Summaries for 2022 PA1, 2022 PA2, and 2021 PA2. A final paragraph provides a quick overview link and mentions a factsheet available in Spanish and Chinese.

PA1 AQM | November 2022 Update

The PM daily value (24-hour TWA) did not surpass the PEL for the month of October.

* = net exceedances

Montgomery Street to Jackson Street:

PM2.5:

- *11/1/2022: 27 minutes; vehicle traffic at FDR on-ramp – no mitigation
- *11/3/2022: 19 minutes; vehicle traffic/construction vehicles at FDR on-ramp – no mitigation
- *11/9/2022: 18 minutes; vehicle traffic/construction vehicles at FDR on-ramp – no mitigation
- 11/17/2022: 16 minutes; anomalous reading caused by condensation/water droplet

PM10:

- 11/17/2022: 16 minutes; anomalous reading caused by condensation/water droplet

Jackson Street to Williamsburg Bridge:

PM2.5:

- 11/4/2022: 16 minutes; construction activities (onsite demolition and vehicle traffic) – dust suppression techniques applied
- 11/15/2022: 22 minutes; construction activities (onsite demolition and vehicle traffic) – dust suppression techniques applied

PM10: None.

Williamsburg Bridge to Northern Project Limit

PM2.5:

- 11/8/2022: 27 minutes; construction activities – dust suppression techniques applied

PM10:

- 11/8/2022: 27 minutes; construction activities – dust suppression techniques applied

ConEd Oil-O-Static Work/East River Park:

PM2.5:

- 11/3/2022: 15 minutes; after construction hours – no mitigation
- *11/4/2022: 31 minutes; after construction hours – no mitigation
- *11/5/2022: 38 minutes; after construction hours – no mitigation
- 11/28/2022: 16 minutes; anomalous reading caused by condensation/water droplet

PM10:

- *11/4/2022: 31 minutes; after construction hours – no mitigation
- *11/5/2022: 38 minutes; after construction hours – no mitigation
- 11/28/2022: 16 minutes; anomalous reading caused by condensation/water droplet

PA1 AQM | Monitoring Locations November 2022



PA2 AQM | November 2022 Update

Work activities included floodwall construction at E23rd Street, park reconstruction at Stuyvesant Cove Park north and pile installation at Stuyvesant Cove south. Murphy Brothers clearing and sheet pile installation.

The PM daily value (24-hour TWA) did not surpass the PEL for the month of October. There were no net exceedances for this month.

* = net exceedances

Murphy Brothers Playground:

PM2.5:

- 11/4/2022: 197 minutes; idling construction vehicles unloading massive sheet piles for Murphy Brothers Playground

PM10:

- None



COMMUNITY PROGRAMMING & COORDINATION

ESCR to YOUR School

- 12/14/2022 – kicked off at NYC DDC ACE Mentor Program
- 2023 will start presentations to ESCR local schools who participated in the Call for Art Program



QUESTIONS?

**Wishing all Happy Holidays
from the East Side Coastal
Resiliency Team.**

