

# East Side Coastal Resiliency Construction Update

CB3 Parks Committee Meeting

Helen Harris Senior Center

80 Rutgers Slip

November 9, 2023

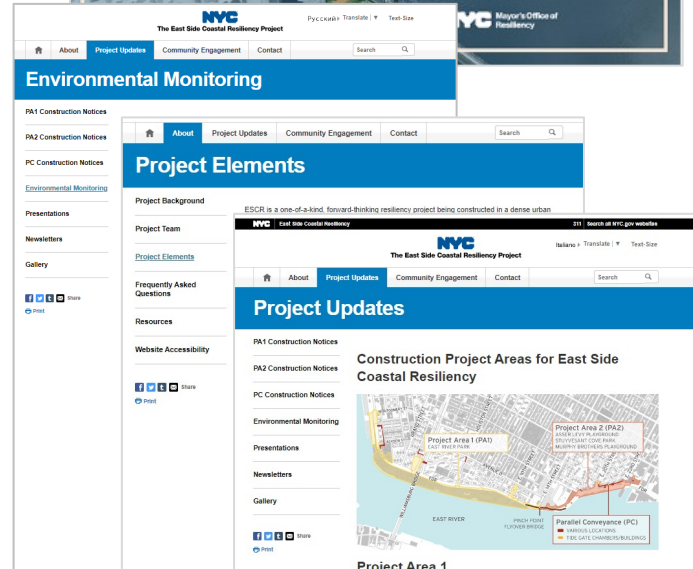
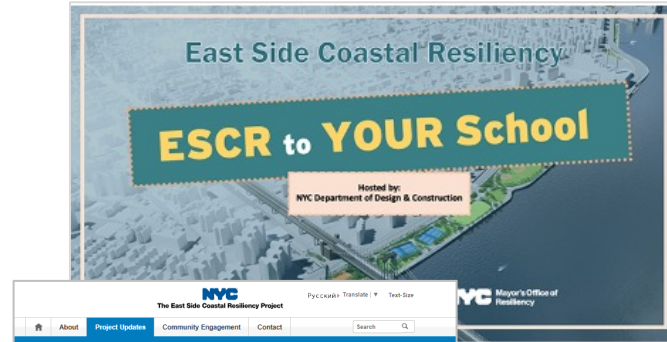


# Highlights

- **Communications & Community Programming**
- **Overview of Contracts**
  - **PA1 Construction Progress**
  - **What We've Heard**
  - **PA2 Construction Progress**
  - **PC Construction Progress**

# Communications

- Project Website
  - Construction Notices
  - Environmental Monitoring
  - Presentations
  - Newsletters and Gallery
- Community Engagement
  - ESCR to YOUR School
  - CCLs
- Contact
  - Work With Us



• Sign Up! On the Contact Us page

• Invite us to TA meetings and for Tabling Events

**Community Advisory**

**ESCR News**

**Work With Us**

**Subcontracting and Local Hiring Virtual Information Session**  
 Wednesday, July 28, 2021, 8:30am-9:30am

**Construction Bulletin**

**Construction Bulletin**

**PROJECT AREA 2 – Two Week Look Ahead**

Work Hours	Location	Operation
7:00 am to 3:30 pm	Adjacent to Solar One	Excavation, shoring and tieback work in progress. Some installation is ongoing.
7:00 am to 3:30 pm	E 23 <sup>rd</sup> Street at East Service Road and under the FDR Dr. adjacent to 59 <sup>th</sup> gas station	* Traffic Pattern delay at E 23 <sup>rd</sup> Street under the FDR Dr. sidewalk. Car delays only work to ongoing. Construction job installation for the road work.
3:30 pm to 11:00 pm		** ongoing job installation during the week of 08.23.21
7:00 am to 3:30 pm	Assess Levy Playground	Digging job installation for the foot work.
3:30 pm to 11:00 pm		** ongoing job installation during the week of 08.23.21



[www.nyc.gov/escr](http://www.nyc.gov/escr)

# Community Programming and Work With Us Outreach

## Recent Events:

### September

- September 6 – Elected official PA1 walkthrough
- September 12 – Gouverneur Gardens tabling
- September 21 – E. Houston St. tabling
- September 21 – Resilience+ Expo

### October

- October 2 – CAG PA1 walkthrough
- October 5 – Corlears Hook Park Tabling
- October 17 – NYCHA Wald tabling with WF1
- October 23 – Neighborhood Infrastructure Curbside Education (NICE) program PA2 visit
- October 29 – Friends of Corlears Hook Park Halloween trick or treating
- October 30 – NYCHA Riis tabling with WF1

### November

- November 1 – Work With Us Quarterly In-person Information Session and Job Fair
- November 3 – NICE PA2 visit



**EAST SIDE COASTAL RESILIENCY**



**Work With Us Quarterly In-person Information Session and Job Fair**

Celebrate National Career Development Month with GOLES and the ESCR team

**Wednesday, November 1, 2023**  
10:00 AM to 1:00 PM

**Seeking a job** in the construction or service industry?  
Interested in specialized training, pre-apprenticeship opportunities and programs?  
**This is the event for you!**  
There will be representatives from the construction industry, retail, food services and more.

**Location:**  
Henry Street Settlement  
301 Henry Street

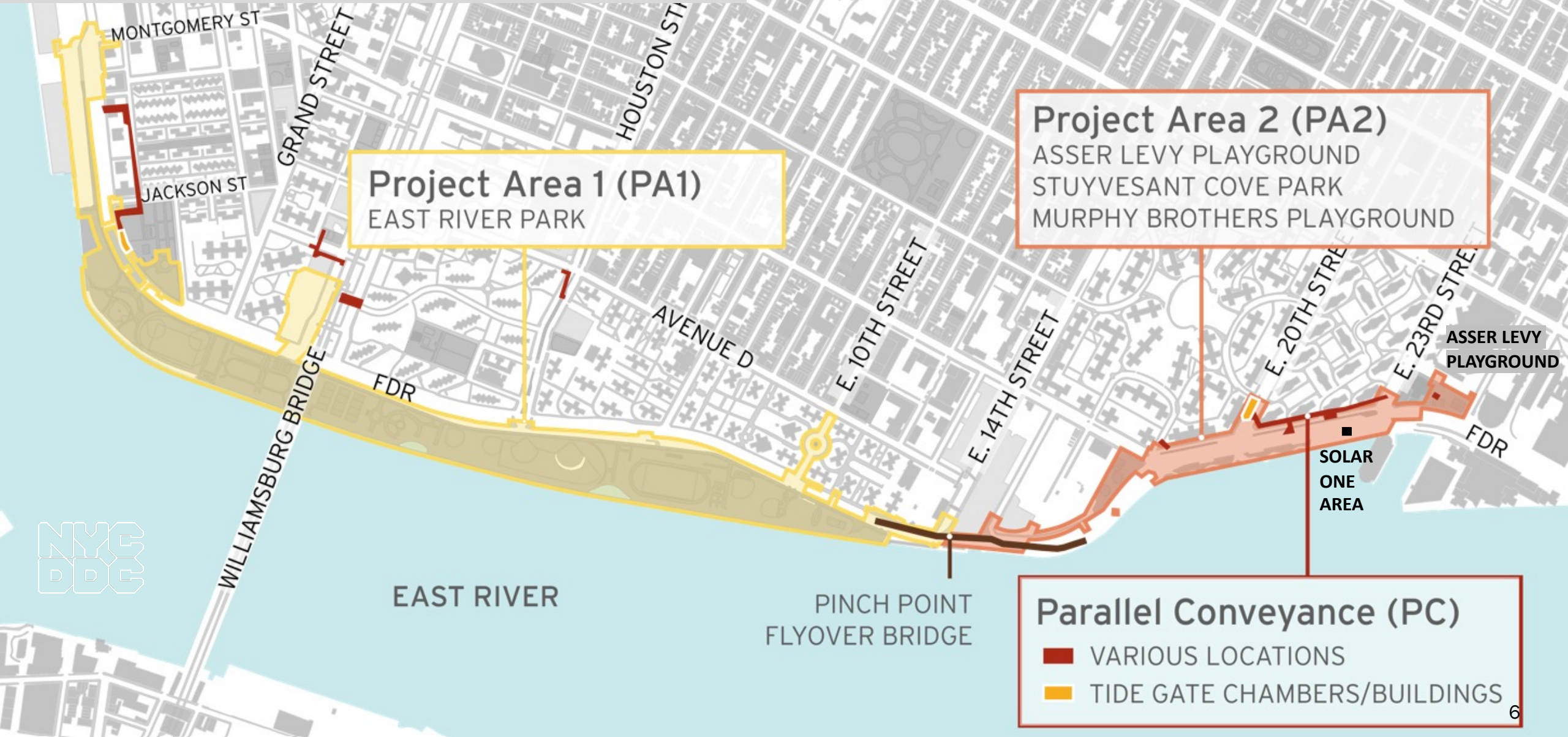
Pre-register now to receive event updates and submit your resume :  
[www.nyc.gov/escr/work](http://www.nyc.gov/escr/work)



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# Overview of Contracts & Construction Updates

# PROJECT AREA OVERVIEW



# Overview of Contracts

## **Project Area 1 (PA1)**

- NTP issued August 2021
- Partial Closures:
  - East River Park south of Stanton St.
  - Greenway closure to E. 10<sup>th</sup> 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 utility work in progress
- floodwall & esplanade construction activities ongoing as well as fill operation via barge
- E. Houston St. retaining wall work
- **fields 1 & 2 construction in progress**

## **Project Area 2 (PA2)**

- NTP issued November 2020
- over 2,600 ft of floodwall installed
- **Asser Levy Playground Open**
  - gate 18 installed
- **Stuyvesant Cove Park** including Solar One Area under construction
  - gates 9, 10, 11, 12, 13, 14, 15, 16, 17 installed
  - north of E 20<sup>th</sup> St. – Open Greenway open
  - site restoration & flood gate work in progress south of E 20<sup>th</sup> St. – Greenway closed
- **Murphy Brothers** under construction

## **Parallel Conveyance (PC)**

- NTP issued September 2022
- subsurface investigations in progress
- water main replacement in progress
- utility relocation in progress

### **VISIT PA1 GALLERY:**

<https://www.nyc.gov/site/escr/project-updates/pa1-gallery.page>

### **VISIT PA2 GALLERY:**

<https://www.nyc.gov/site/escr/project-updates/pa2-gallery.page>

### **VISIT PC GALLERY:**

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

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# Project Area 1



# PA1 | 2023 Construction Activities

ALL WORK IS SUBJECT TO CHANGE

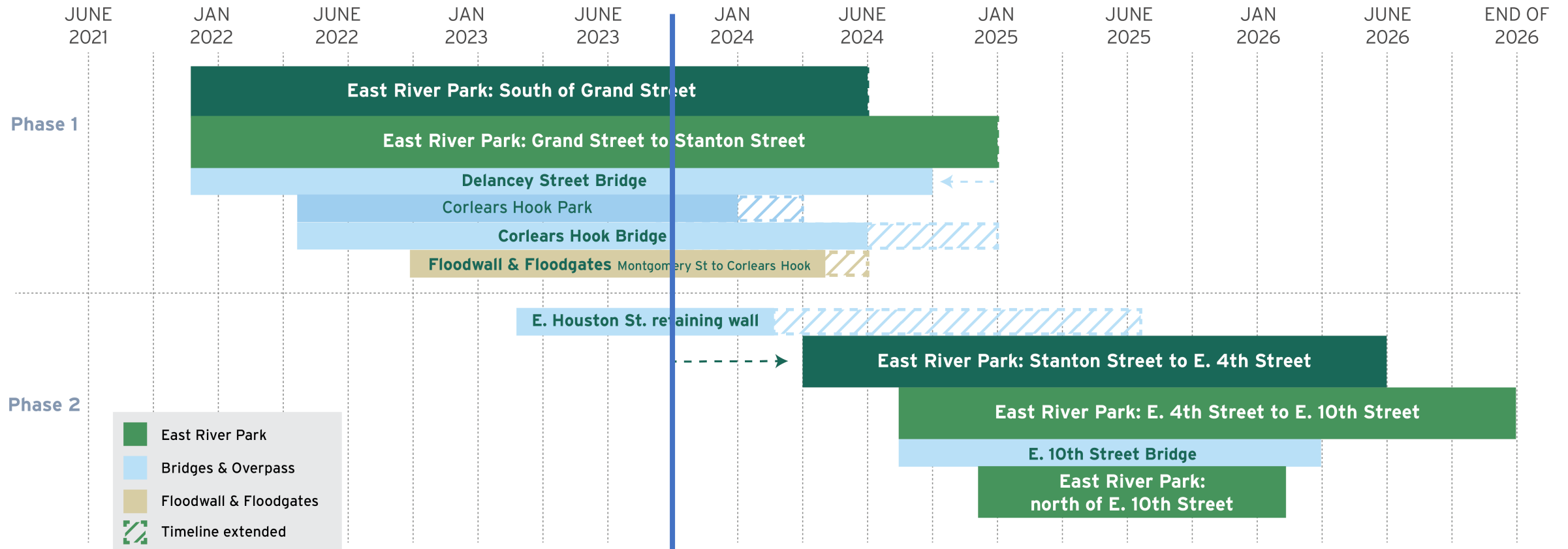
1. Esplanade removal activities along the waterfront.  
Deep sewer activities/pile install and park drainage work.  
Floodwall (Combi-wall) pre-drilling and installation.  
Fill material delivery by barge and placement onsite.  
**Ballfields 1 and 2 construction**
2. Delancey Street - pile install then footing excavation.
3. Construction for new Corlears Hook bridge.
4. Passive lawn partial closure for utility work. PAIR Art Installation.
5. Utility work around Montgomery Street & South Street.  
Begin floodwall construction in 2023.
6. Montgomery St. – Cherry St. Greenway floodwall activities.  
ConEd asbestos abatement work.
7. E. Houston Street test piles and future pile install. **Pedestrian Detour Shift.**
8. Slip Ramps in use.
9. E 10<sup>th</sup> Street utility work in preparation for deep sewer 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.



MOON STAR  
INDICATES  
EVENING WORK  
SHIFTS

# PA1 | Updated Schedule



ALL WORK IS SUBJECT TO CHANGE

# PA1 | 2023 Construction Activities

ALL WORK IS SUBJECT TO CHANGE

Community Advisory

EAST SIDE COASTAL RESILIENCY

Project # SANDRESM1 | Borough: Manhattan | Update: 05/09/2023

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

## New Access Pattern for E. Houston St. Overpass at East River Park

Starting week of May 8<sup>th</sup>, 2023  
Ongoing until further notice

Ongoing construction activity in East River Park will necessitate closure of the E. Houston St. south ramp, overpass south sidewalk and a portion of the Greenway. The north ramp will be opened for park access. Pedestrians use Baruch Dr. crosswalk for access. Park amenities will not be impacted. Please follow signage and the new access pattern shown below.

FOR ILLUSTRATIVE PURPOSES  
SUBJECT TO MODIFICATIONS

Community Advisory

EAST SIDE COASTAL RESILIENCY

Project # SANDRESM1 | Borough: Manhattan | Issue Date: 11/03/2023

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

## Continuation of Nightwork: E. Houston St. Overpass

Starting on or about November 6, 2023  
Weekdays 3:00 pm to 11:59 pm  
for approximately three weeks.

Pile installation activities will necessitate extended working hours at the E. Houston Street overpass north ramp. Noise and air monitors are in place.

FOR ILLUSTRATIVE PURPOSES  
SUBJECT TO MODIFICATIONS

Community Advisory

EAST SIDE COASTAL RESILIENCY

Project # SANDRESM1 | Borough: Manhattan | Update Date: 09/18/2023

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

## FDR Drive Northbound Montgomery Street On-Ramp Shift

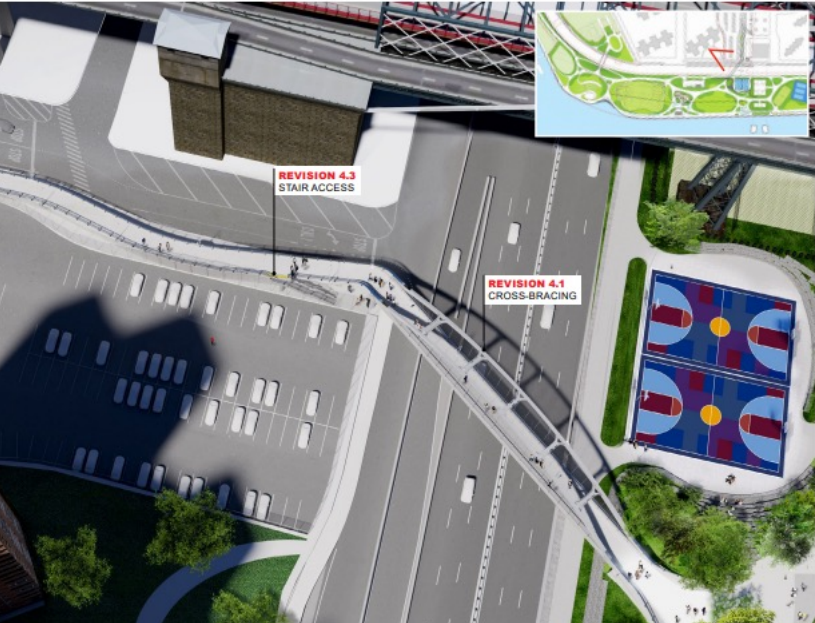
Starting Friday, September 22<sup>th</sup>, 2023  
Ongoing until further notice  
On-Ramp will close on Friday, September 22<sup>th</sup>, 2023, 10:00pm to 5:00am

Construction activities will necessitate the shift of the FDR Drive northbound Montgomery Street on-ramp onto the East River Park Greenway. Traffic on the FDR Drive will be maintained. Vehicles should follow all posted signs and striping.

FOR ILLUSTRATIVE PURPOSES  
SUBJECT TO MODIFICATIONS

# PA1 | Delancey Street Construction Work

- Pile install for Delancey Street Bridge Ramp
- Additional traffic signage has been installed



caption

Final PDC Presentation:

<https://www.nyc.gov/assets/escr/downloads/pdf/DDC-f-ESCR-pres-rev-final-given-to-PDC-2020-01-30.pdf>

# PA1 | Fields 1 and 2 - Rendering



Final PDC Presentation: <https://www.nyc.gov/assets/escr/downloads/pdf/DDC-f-ESCR-pres-rev-final-given-to-PDC-2020-01-30.pdf>

# PA1 | Fields 1 and 2 - Construction Photos



Ballfields 1 and 2 Construction - November 2023



Ballfields 1 and 2 Curb Construction - October 2023

# PA1 | Fields 1 and 2 - Construction Photos



Lightweight backfilling by combi-wall at Embayment - November 2023



Lightweight backfilling Night Operations - November 2023

# PA1 | Construction Photos



South Embayment Combi-wall - October 2023



Combi Wall with rebar - October 2023



# PA1 | Construction Photos



Western Corlears Hook Bridge Abutment Construction - October 2023



Eastern Corlears Hook Bridge Abutment - October 2023

# PA1 | Construction Photos



*Corlears Hook Bridge Abutment Construction - November 2023*

# PA1 | What We've Heard

- **Esplanade Acceleration:** The ESCR team presented the Esplanade Acceleration plan at the July Community Advisory Group (CAG) meeting. This proposal is not moving forward at this time. As the contractor begins the transition into Phase 2, the community will be updated on new work activities.

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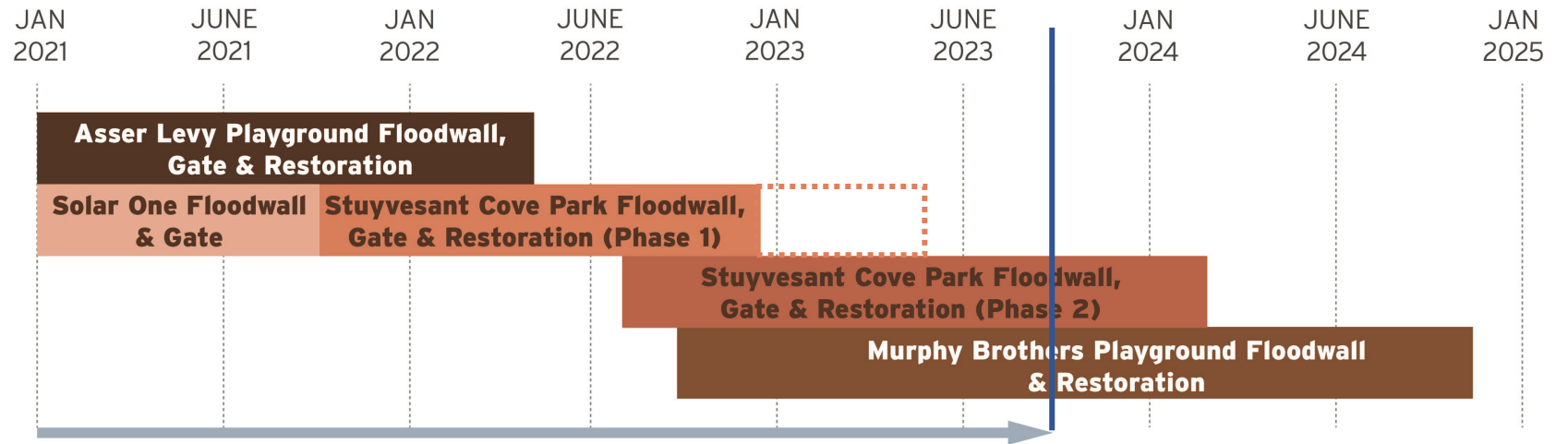
# Project Area 2

# PA2 | Construction Progress

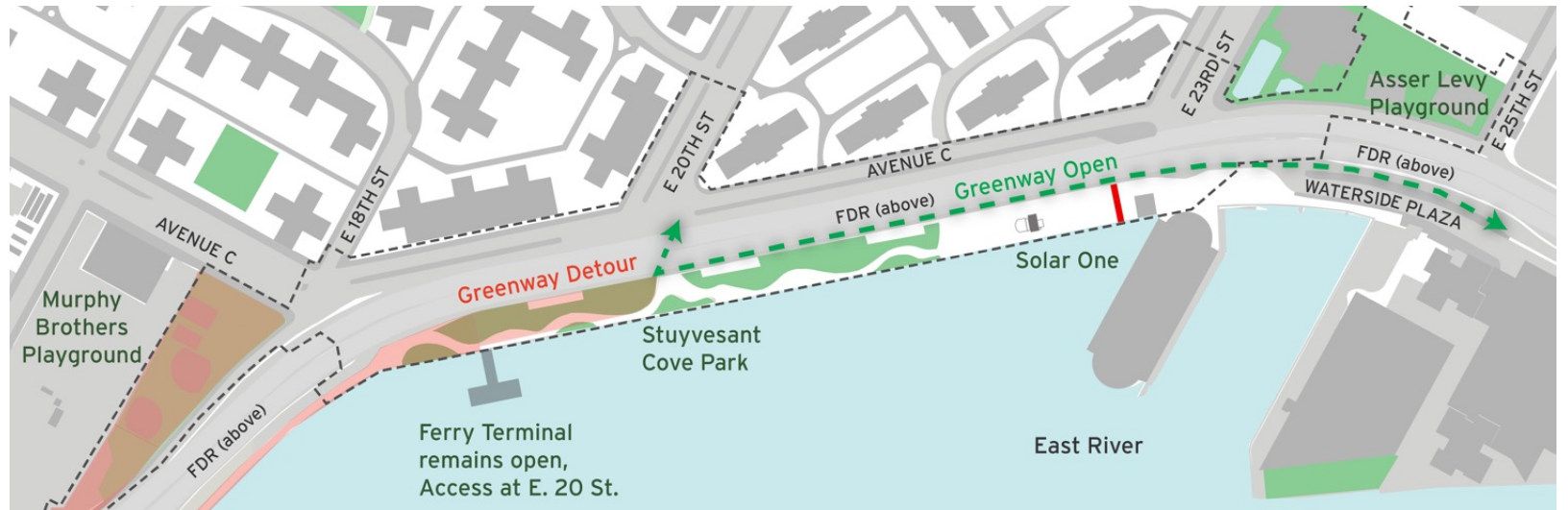
ALL WORK IS SUBJECT TO CHANGE

## Stuyvesant Cove Park

- **Area #1 – OPEN!**  
Northern entrance at E 23 St at Solar One building is closed for Solar One construction work. Greenway remains open.
- **Area #2** – Greenway and Park south of E. 20<sup>th</sup> St. scheduled to reopen late 2023 or early 2024.
- **Greenway** connecting to East River Park is managed by a NYC DOT project to fix sinkholes. Expected opening in 2024.



## Completion of Flood Walls and Gates in Project Area 2



# PA2 | Construction Progress

- Gates 9, 10, 11, 12, 13, 14, 15, 16, 17 and 18 have been installed
- Gates 7, 8 closer to the ConEd facility are scheduled to be installed early 2024.



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# Parallel Conveyance

# PC | Construction Progress

ALL WORK IS SUBJECT TO CHANGE

- **Location 1 – Jackson St. & Water St.**

- Jackson St.:  
Water main installation and utility relocation
- Water St.:  
Utility relocation
- South St.:  
Water main installation and steam main abatement

- **Location 2 – Lewis St. & Delancey St.**

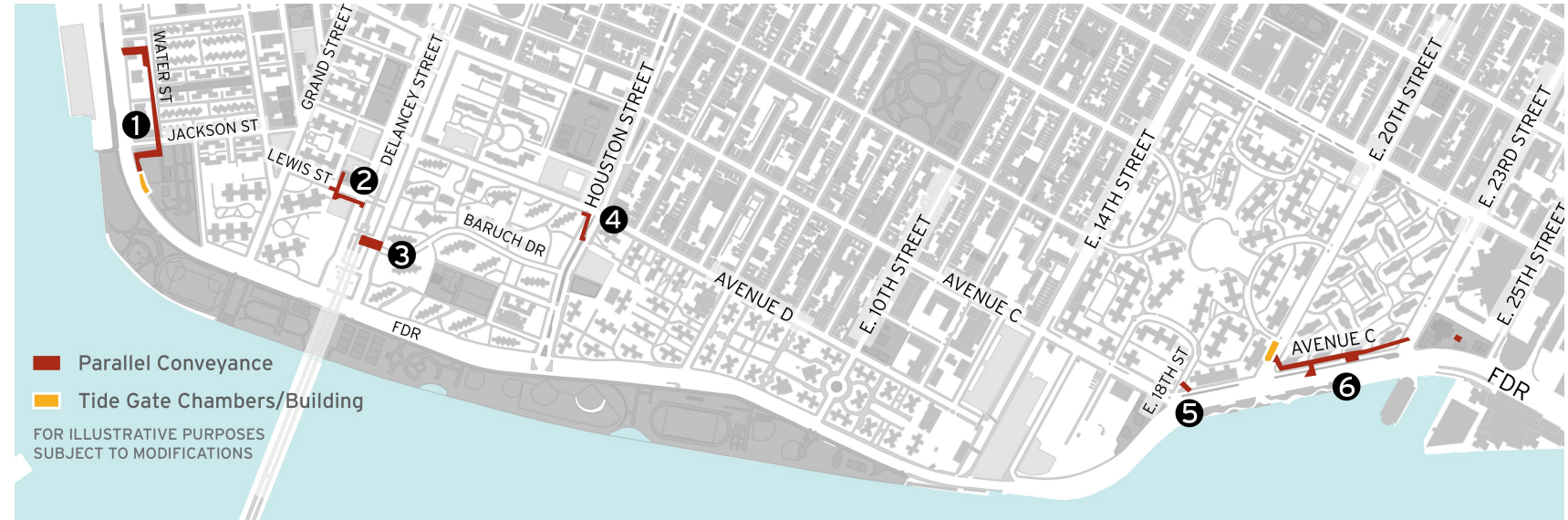
- Utility relocation

- **Location 3 – Baruch Dr. & Delancey St.**

- Utility relocation

- **Location 4 – Houston & Avenue D**

- Test pits



- **Location 5 – Avenue C and E18th**

- Test pits

- **Location 6 – Avenue C, E23rd to E25th**

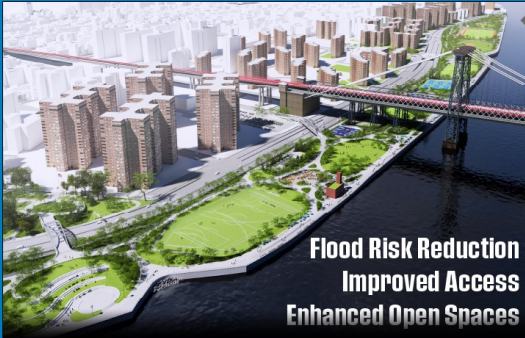
- Test pits



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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><b>Construction Progress</b></p>	 <p><b>Resiliency &amp; Flood Protection</b></p>	 <p><b>Project Background &amp; Goals</b></p>	 <p><b>Project Design</b></p>
<p><b>Construction Notices</b> View our most recent community presentations for updates as we prepare for upcoming construction activities.</p>	<p><b>Resiliency and Flood Protection</b> 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><b>Project Background and Goals</b> Read about the history and background of ESCR, and the goals driving this technically complex infrastructure project.</p>	<p><b>Project Design</b> 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](http://www.nyc.gov/escr)

