

# East Side Coastal Resiliency Parallel Conveyance Construction Update

NYCHA Vladeck Tenant Association Meeting

In-person

May 9, 2024



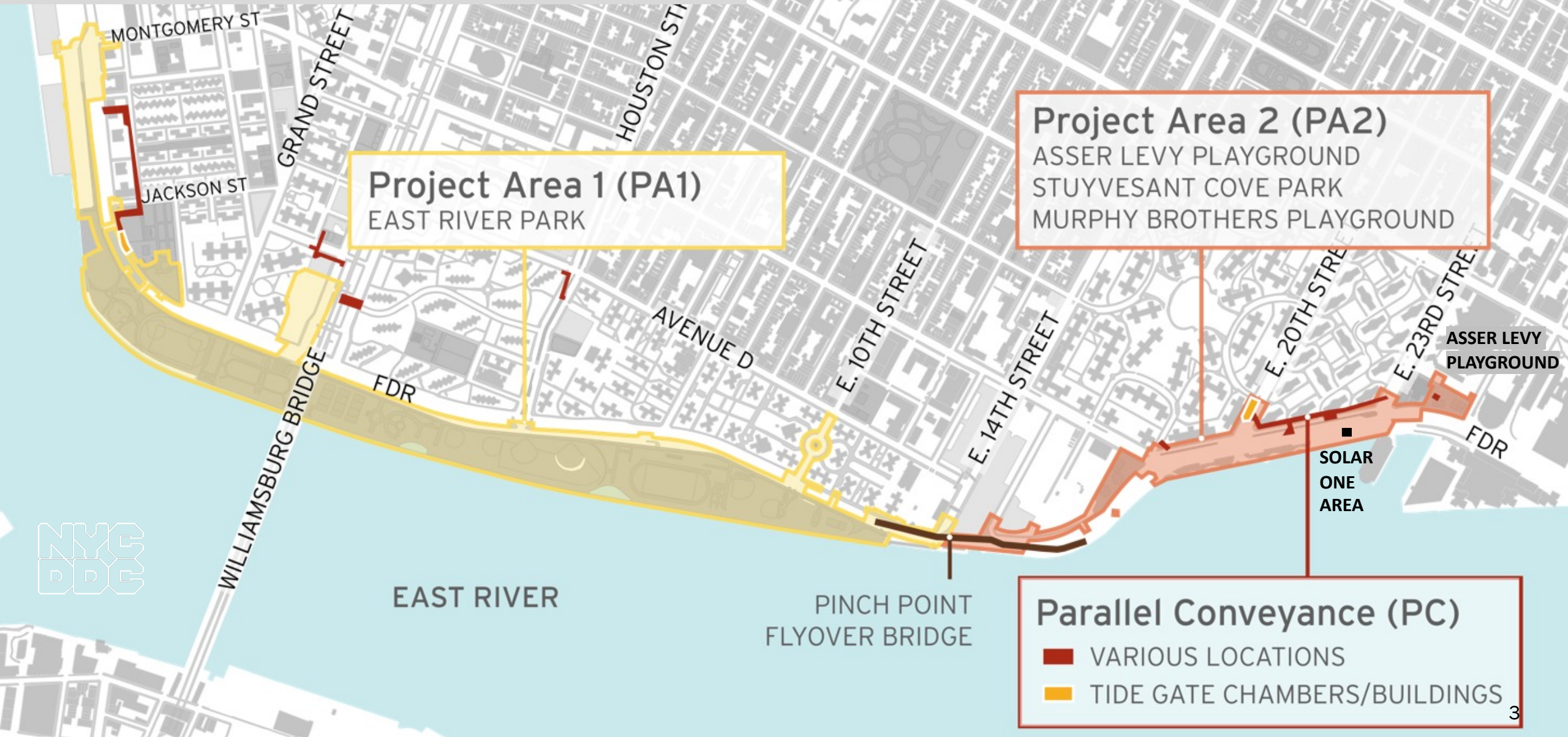
Mayor's Office of  
Resiliency

# Highlights

- Overview of ESCR Contracts
- Project Area 1: East River Park Construction
- Parallel Conveyance (PC)
  - Construction Sequencing and Timeline
  - Corlears Hook Park Construction
  - Water Street Construction and Closure
- Community Resources



# PROJECT AREA OVERVIEW



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# **Project Area 1: East River Park Construction**



# PA1 | 2024 Construction Activities

ALL WORK IS SUBJECT TO CHANGE

1. Esplanade removal and **reconstruction** 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**  
**Start of nature exploration construction**
2. Delancey Street – bridge pier, foundation, and wall construction.
3. Construction for new Corlears Hook bridge.
4. **Passive lawn full closure for esplanade work and upcoming bridge staging.**
5. Utility work around Montgomery Street & South Street.  
Begin floodwall construction in 2024.

6. Montgomery St. – Cherry St. Greenway floodwall activities.
7. E. Houston Street pile install. Pedestrian Detour Shift.  
Construction operations at ballfields 3, 4 & 5
8. Slip Ramps in use.  
**Preparation for microtunneling operations at E. 10<sup>th</sup> Street.**
9. E 10<sup>th</sup> Street utility work and 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.



INDICATES  
EVENING WORK  
SHIFTS



# PA1 | Construction Photos



*Buried flood wall, tiebacks, and cutoff wall north of Williamsburg Bridge – March 2024*



*Stairs and retaining wall in Corlears Hook Park – March 2024*



*Ballfields 1 and 2 Construction - December 2023*



*Nature exploration area – March 2024*



*Nature exploration area – March 2024*



*Placement of precast esplanade pieces - December 2023*

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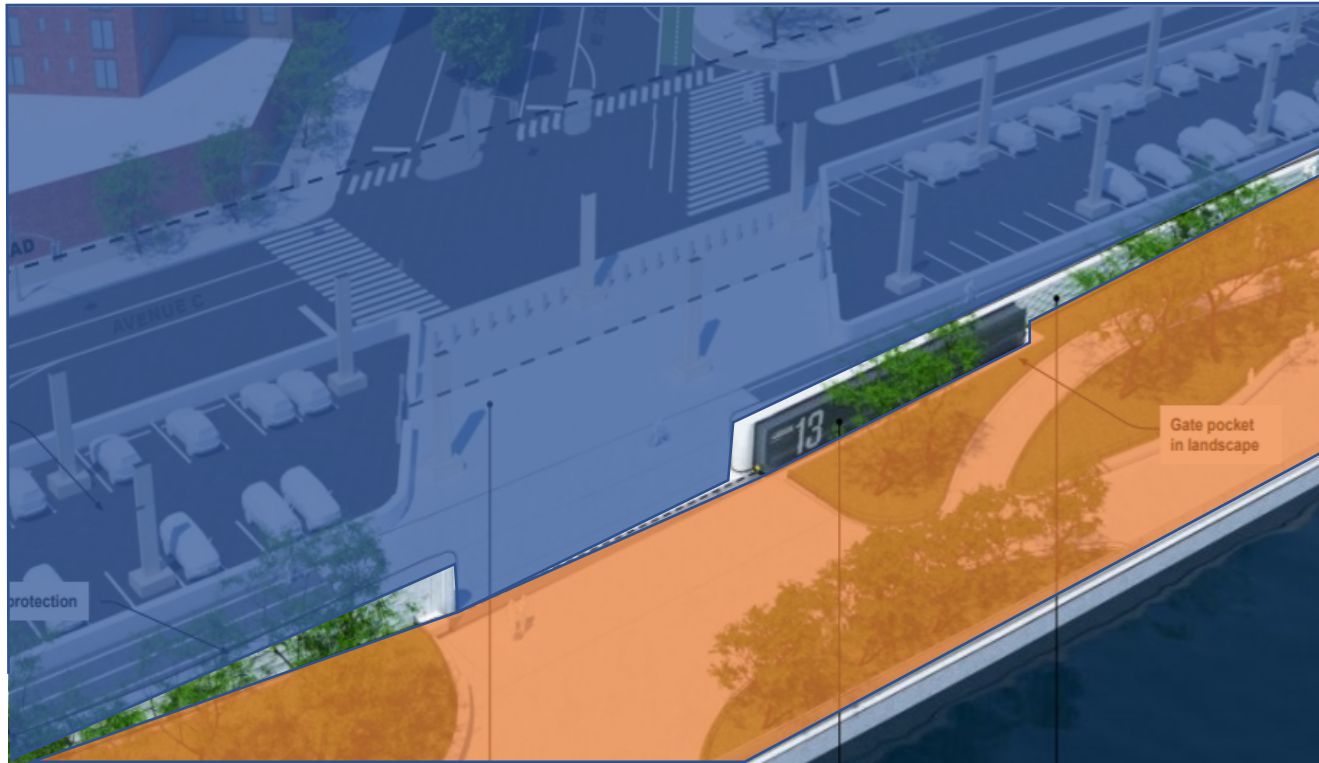
# Parallel Conveyance



# PC | Parallel Conveyance

Optimizes the existing drainage infrastructure and stormwater system. The PC work consists of:

- **Sewer upgrade** work within the city streets
- Two **interceptor gates**, two **buildings**, and several deep manhole excavations
- Potential street and/or sidewalk closures, detours, and watermain shutoffs



PC

Sewer upgrades will help protect the community from floods that result from **heavy rainfall** during storm events

PA1  
&  
PA2

Flood protection system will help protect the community from **coastal/ tidal** flooding and saltwater

# PC | Overview & Typical Construction Sequencing

ALL WORK IS SUBJECT TO CHANGE



## LOCATIONS WITH INTERCEPTOR GATE CHAMBER BUILDINGS

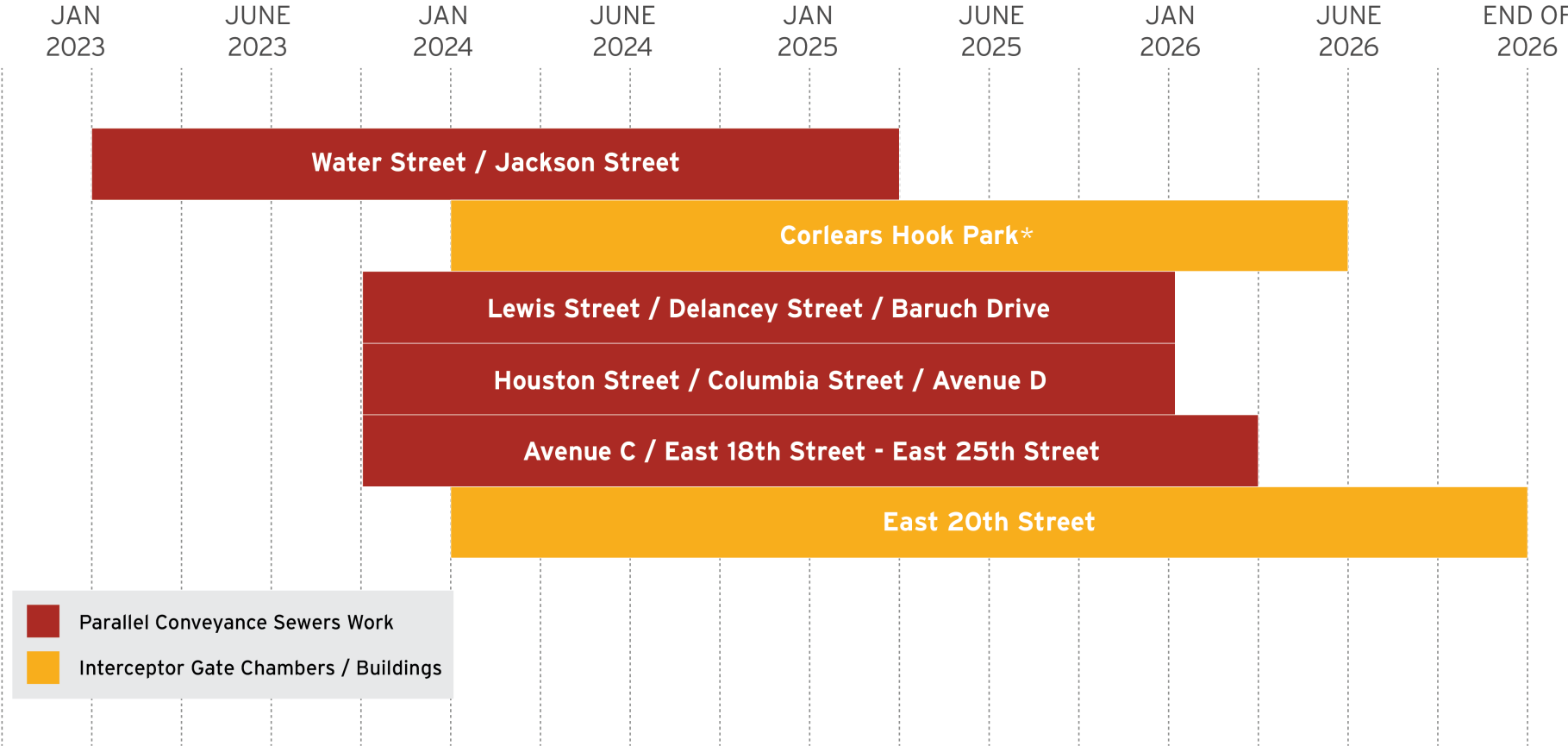
- A. Mobilization & Protection
- B. Test Pits and Site Survey
- C. Utility relocation and upgrades
- D. Excavation for Interceptor Gate Chambers - **upcoming**
- E. Install parallel conveyance sewer lines - **upcoming**
- F. Final restoration

## LOCATIONS WITHOUT TIDE GATE CHAMBER BUILDINGS

- A. Mobilization & Protection
- B. Test Pits and Site Survey
- C. Utility relocation and upgrades
- D. Install parallel conveyance sewer lines - **upcoming**
- E. Final restoration

# PC | Timeline

ALL WORK IS SUBJECT TO CHANGE



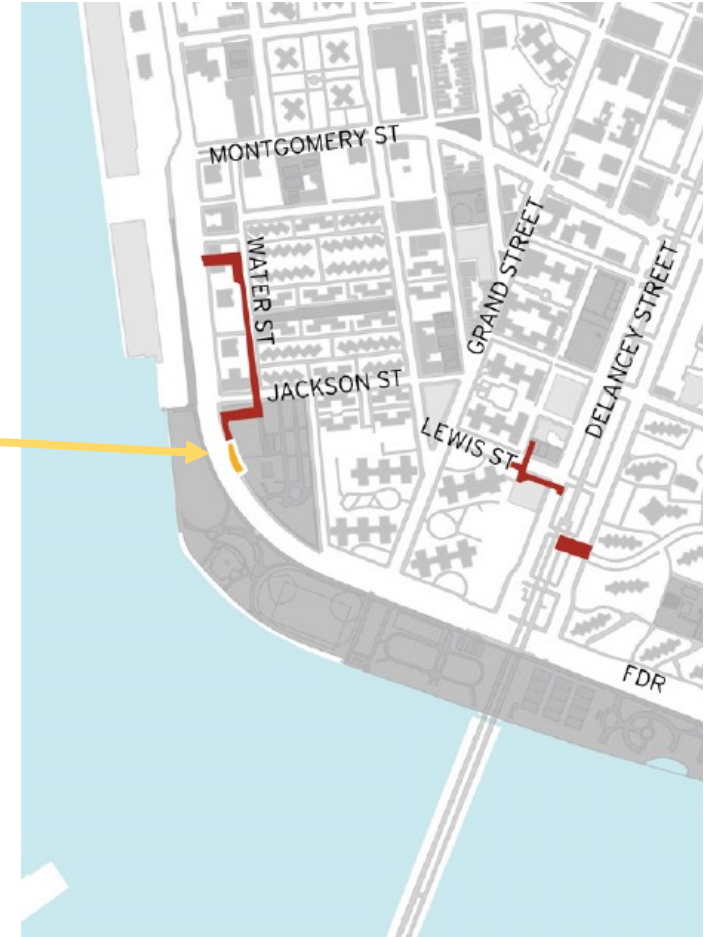
*\*Corlears Hook Park ballfield is anticipated to reopen Summer 2025 while IGB construction continues adjacent to FDR*



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# Parallel Conveyance: Corlears Hook Park

# PC | Interceptor Gate Chamber Building



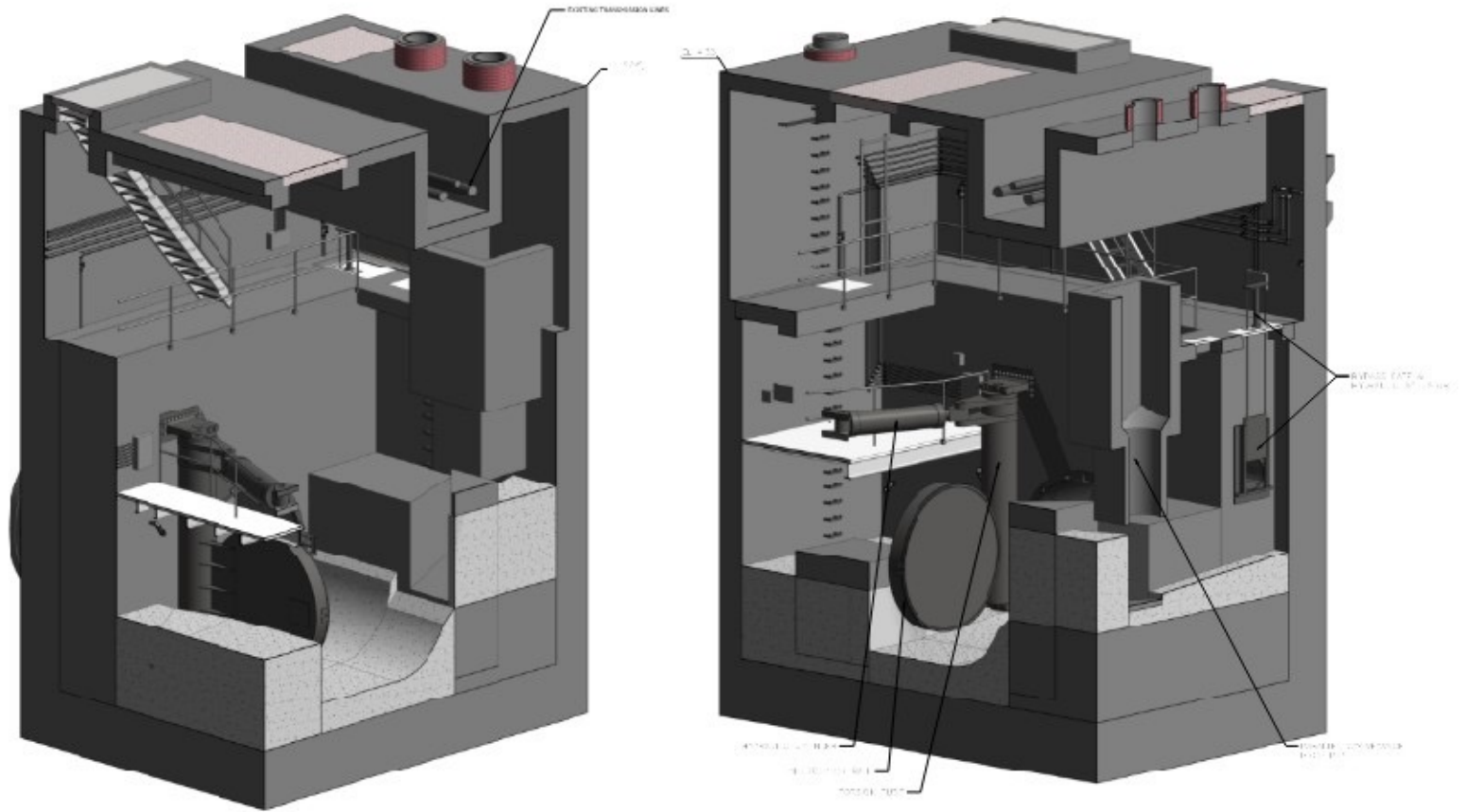
Rendering of Parallel Conveyance Interceptor Gate Building in Corlears Hook Park near FDR Drive

# PC | Interceptor Gate and Chamber

ALL WORK IS SUBJECT TO CHANGE

## Interceptor Gate Chamber Scale

- 37' x 26'
- Approx. 4 stories tall





# PC | Corlears Hook Park Construction Activities

ALL WORK IS SUBJECT TO CHANGE

## ONGOING WORK

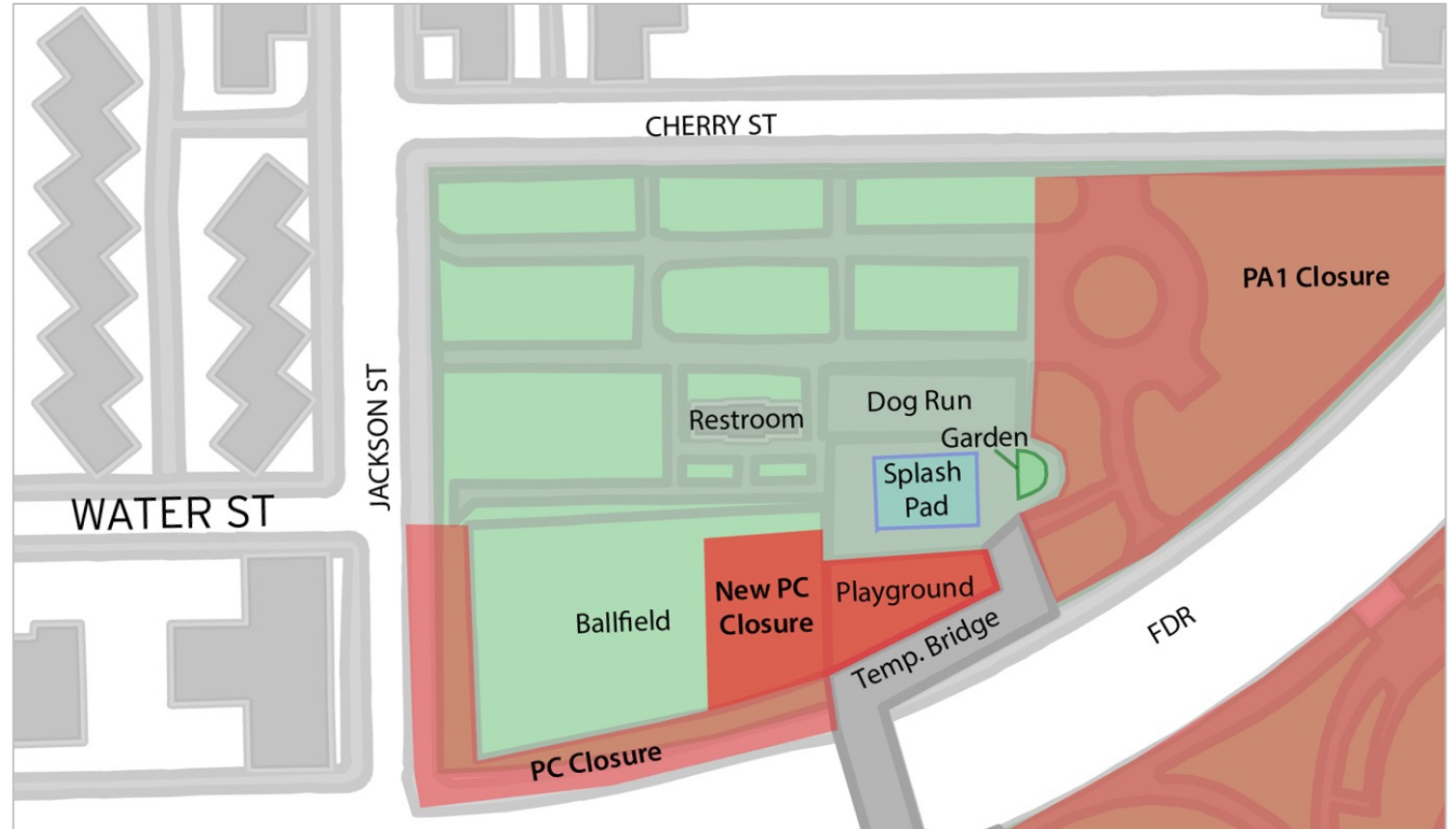
- ✓ Test Pits
- ✓ Utility work
- ✓ Staging for excavation

## 2024

- Excavation for and installation of interceptor gate chamber
  - Night work required to accommodate FDR Dr. lane closures
- Continuation of new 24" sewer work

## 2025

- Construction of Interceptor Gate Building
- Restoration and return of full ballfield



PC construction area in Corlears Hook Park.  
For illustrative purposes only.

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# Parallel Conveyance: Water Street

# PC | Construction Status – Water Street

ALL WORK IS SUBJECT TO CHANGE

## 1. MOBILIZATION AND PROTECTION – INITIAL MOBILIZATION COMPLETED

- a) Why: To secure the site.
- b) How: Construction fence installation, tree guard installation, etc.

## 2. TEST PITS AND SITE SURVEY – INITIAL TEST PITS COMPLETED

- a) Why: To determine site conditions, including subsurface.
- b) How: Building surveys, small excavations to locate subsurface utilities, etc.

## 3. UTILITY RELOCATION AND UPGRADES – IN PROGRESS

- a) Why: To move underground utilities (water, gas, electric, steam) out of the way so that there is clear access to the sewer mains below.
- b) How: The contractor excavates the utilities in sections and relocates them—sometimes requiring road closures and parking interruptions.
- c) Result: New utilities, such as water mains, for residents and contractor has easier access to deep sewer infrastructure.

## 4. INSTALL PARALLEL 42" SEWER LINES - UPCOMING

- a) Why: To increase drainage capacity, new sewers will connect to the 9-ft diameter interceptor sewer which is deep underground.
- b) How: Full road closures to excavate and install new 24" sewers.
- c) Result: Continued progress toward constructing the Parallel Conveyance system.

## 5. FINAL RESTORATION - 2025



# PC | Water Street Construction Activities

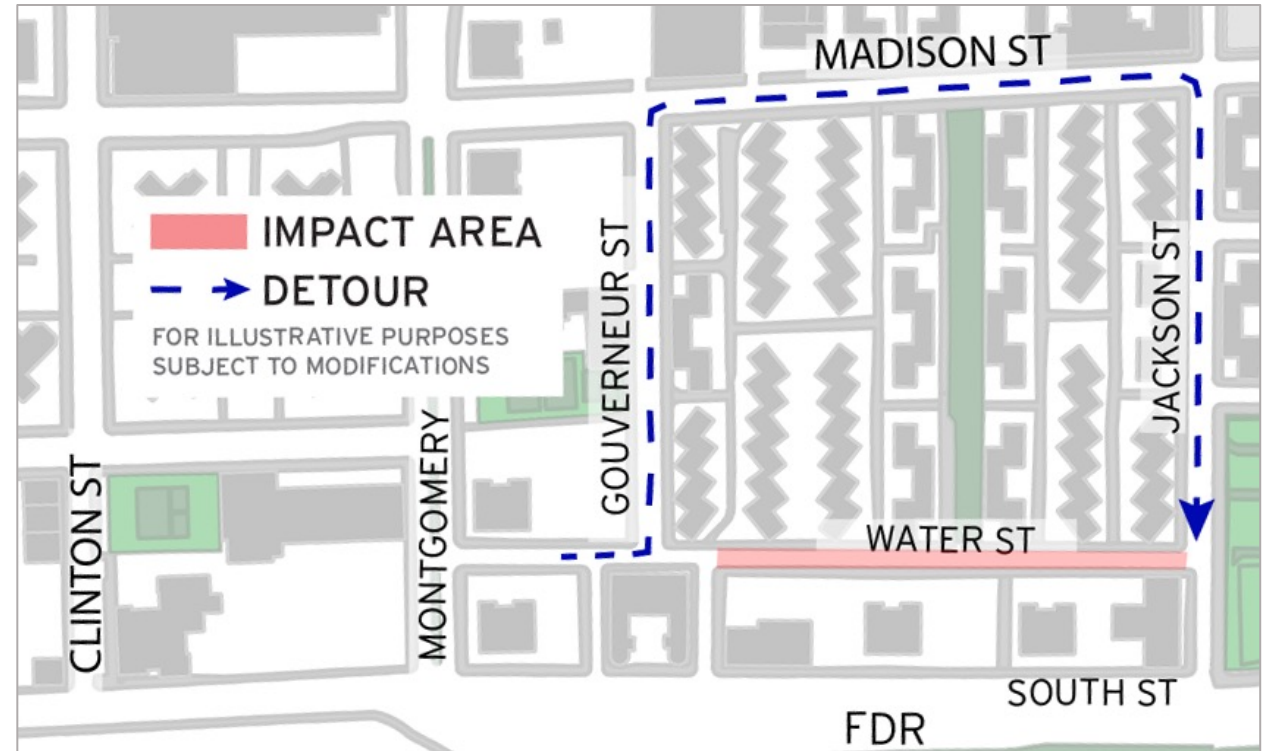
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## COMPLETED WORK

- ✓ Test pits
- ✓ Utility relocation and upgrades
- ✓ Water main work

## UPCOMING WORK

- 24" sewer work on Water St.
  - Start date in May 2024 - TBD
  - Approx. 3-month road closure and detour (pictured)
  - Pedestrian access will be maintained at all times
- Followed by 24" sewer work on Gouverneur Slip and Jackson St.
  - After work on Water St. is completed.
  - More information to be communicated



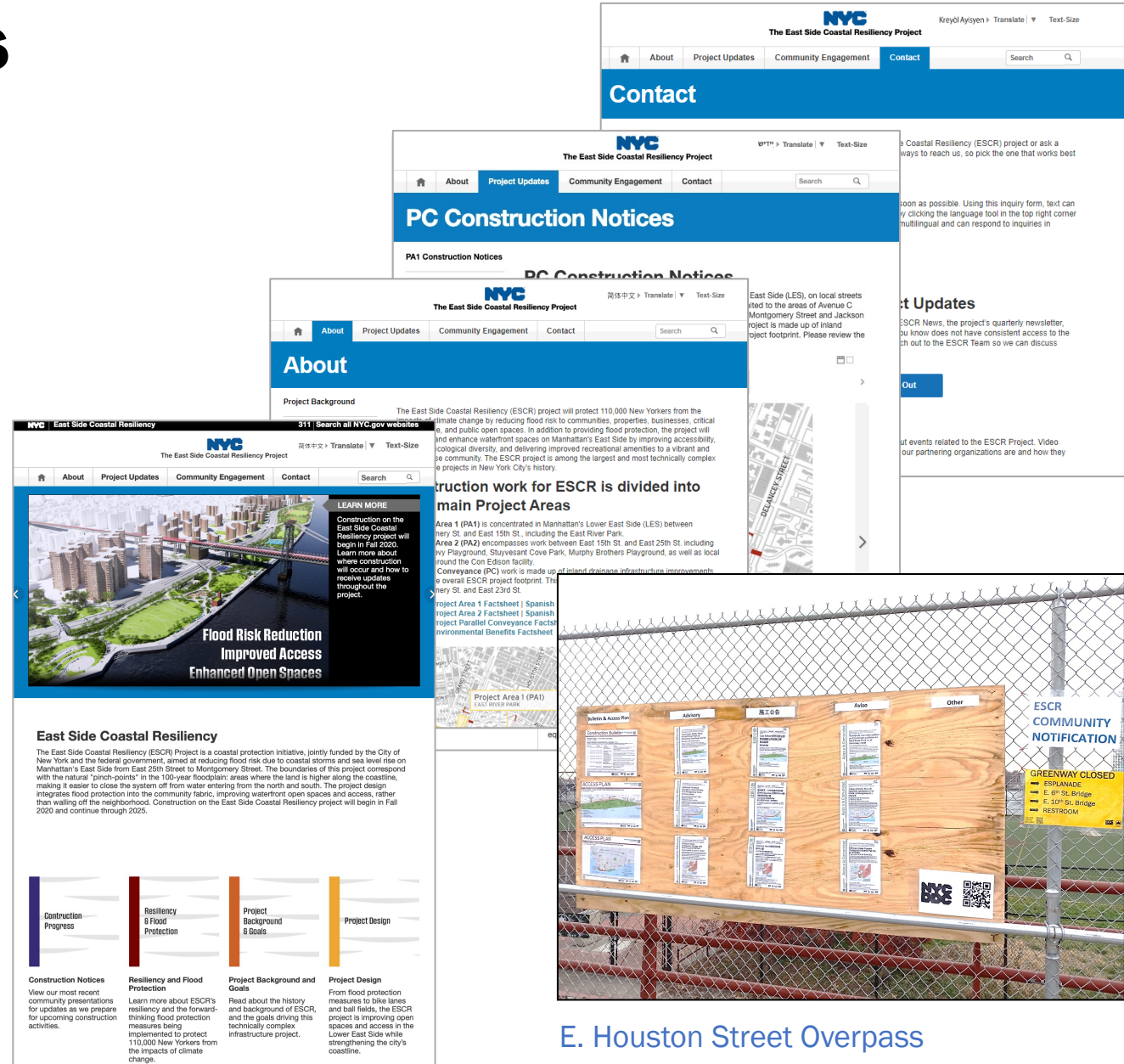
Upcoming Water St. closure and detour.  
For illustrative purposes only.

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# Resources

# Community Resources

- Visit Us at: [www.nyc.gov/escr](http://www.nyc.gov/escr)
- Community Construction Liaisons:
  - PA1: Vanessa Gomez (347) 628-8724  
PA1: Pauline Chan (929) 717-9015  
Email: ESCRCCL1@ddccr.com
  - PC: Tannia Wokoun (914) 313-6863  
Email: sandrespc.ccl@gmail.com
- Inquiry Tool: [www.nyc.gov/escr/contact](http://www.nyc.gov/escr/contact)
- CB 3 Parks Meetings
- Community Advisory Group (CAG)
- On-site signage



E. Houston Street Overpass



# PC | Resources

## Construction Notices

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

## Fact Sheet

PDF: [https://www.nyc.gov/assets/escr/downloads/pdf/ESCR\\_PC\\_Factsheet\\_May2023\\_EN.pdf](https://www.nyc.gov/assets/escr/downloads/pdf/ESCR_PC_Factsheet_May2023_EN.pdf)

## 2022 Parallel Conveyance Discussion with DDC & DEP

PDF: <https://www.nyc.gov/assets/escr/downloads/pdf/20220429-escr-dep-pc.pdf>

Video: <https://s-media.nyc.gov/agencies/escr/ESCR-Parallel-Conveyance-Discussion-with-DEP-2022-04-29.mp4>

## June 2019 Open Houses

Animation: [https://s-media.nyc.gov/agencies/escr/ESCR\\_190515\\_Floodgates\\_and\\_Drainage.mp4](https://s-media.nyc.gov/agencies/escr/ESCR_190515_Floodgates_and_Drainage.mp4)

Boards: [https://www.nyc.gov/assets/escr/downloads/pdf/190619\\_CommunityOpenHouseBoards\\_FINAL\\_forWebsite.pdf](https://www.nyc.gov/assets/escr/downloads/pdf/190619_CommunityOpenHouseBoards_FINAL_forWebsite.pdf)



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The East Side Coastal Resiliency Project

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## PC Construction Notices

PA1 Construction Notices

PA2 Construction Notices

[PC Construction Notices](#)

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### 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 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.

FOR ILLUSTRATIVE PURPOSES  
SUBJECT TO MODIFICATIONS

**MOBILIZATION BEGINS ON ESCR'S PARALLEL CONVEYANCE  
AS OF JANUARY 13, 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.



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.

## 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.

