

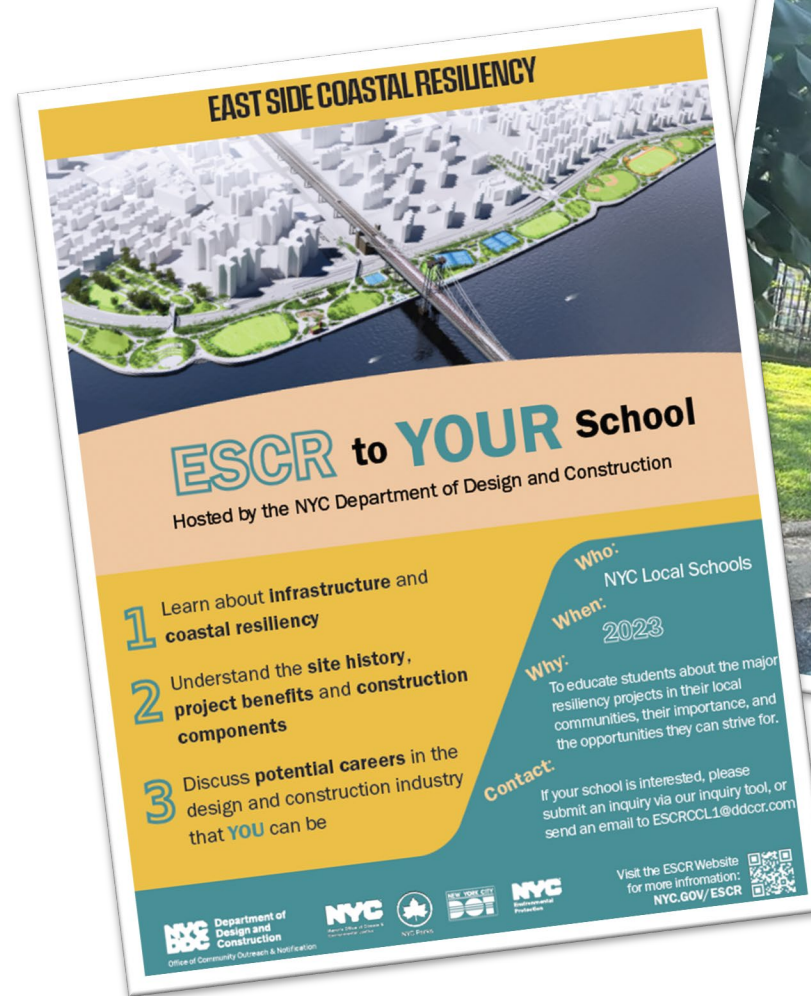
East Side Coastal Resiliency Construction Update

CB6 Land Use & Waterfront Committee Meeting
Virtual
October 28, 2024



Highlights

- Overview of Contracts
 - PA1 Construction Progress
 - PA2 Construction Progress
 - PC Construction Progress



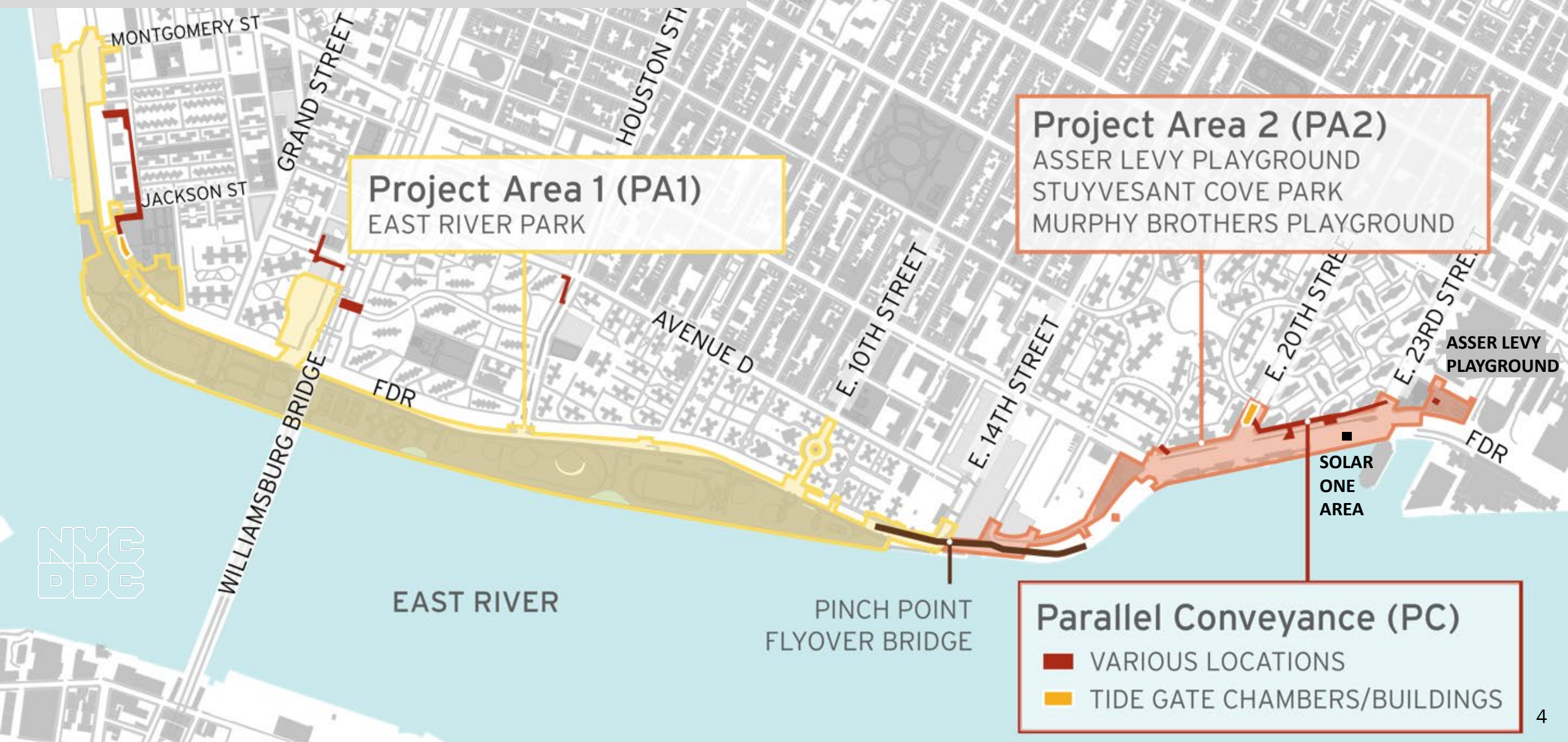
ESCR Tabling & Community Events

Reach out to project CCLs to schedule!

[ESCR to YOUR School](#)

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 E. Houston St.
 - Greenway closure to E. 10th St.
 - Corlears Hook Park
- **Bridges:** Corlears Hook pedestrian bridge installed October 20th! Use Corlears Hook temp. ped bridge. Delancey St. bridge **Open!**
- **Ongoing work:**
 - ongoing utility work
 - floodwall activities ongoing, as well as fill operation via barge
 - E. Houston St. retaining wall work
- **Amenities in progress:**
 - Ballfields 1 & 2 **Open!**
 - phase 1 esplanade
 - Amphitheater seating, Tennis Court and Basketball Court construction & more

Project Area 2 (PA2)

NTP issued November 2020

- Asser Levy Playground **Open**
- Stuyvesant Cove Park **Open**
 - park closed around Solar One for EDC project (not ESCR)
- Murphy Brothers **Open!**
- All 3,129 ft of floodwall installed
- All Gates 7-18 installed

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>

Parallel Conveyance (PC)

NTP issued September 2022

- **Corlears Hook Park and Water St.**
 - utility relocations
 - sewer installation
 - Water St. closed from Gouverneur Slip E. to Jackson St.
- **E Houston and Delancey Streets**
 - utility relocations
 - test piles
 - Con Ed gas and steam work
- **Lewis and Delancey Streets**
 - test piles
- **E. 20th St. (between Ave C and E. 20th loop)**
 - utility relocations
- **Avenue C (E. 18 - E. 23) locations**
 - test piles
 - Con Ed steam work
 - utility relocations

Project Area 1

PA1 | Corlears Hook Bridge Installation



Corlears Hook Bridge after installation – October 2024



Corlears Hook Bridge rolled via SPMTs along FDR Drive during overnight closure – October 2024



Corlears Hook Bridge area renderings

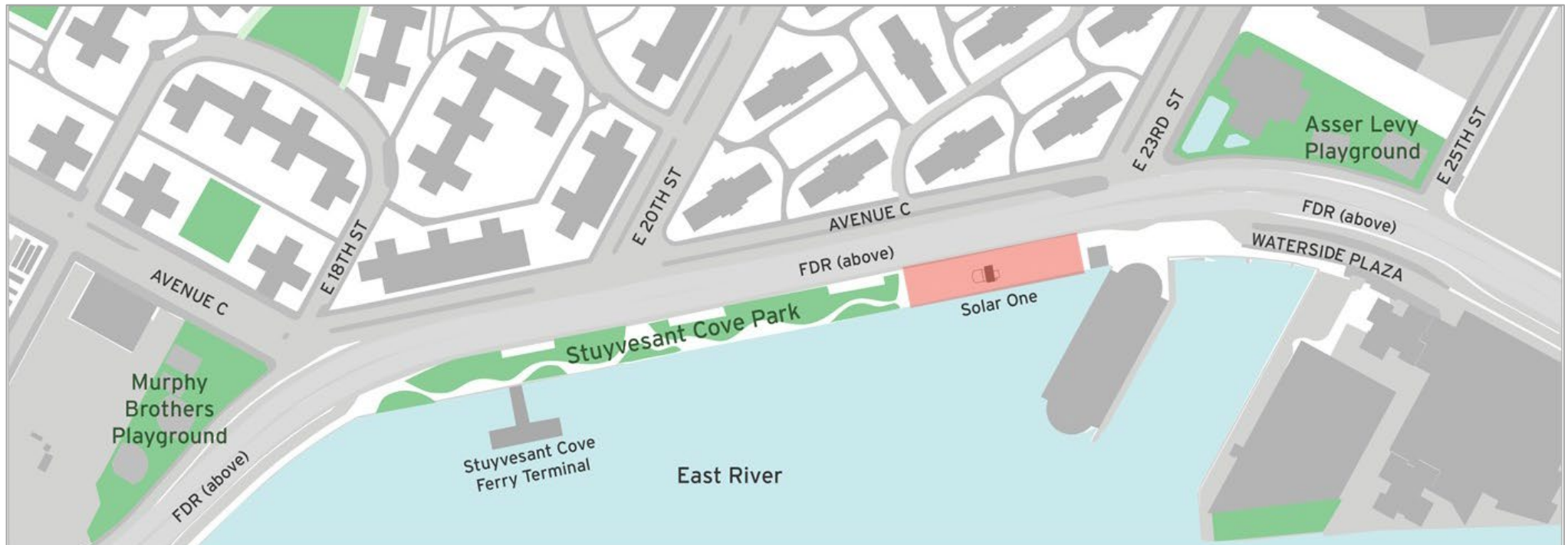


Project Area 2

PA2 | 2024 Construction Status

ALL WORK IS SUBJECT TO CHANGE

- Punch list items ongoing across project area
- Asser Levy Playground – **OPEN!**
- Stuyvesant Cove Park – **OPEN!** North entrance at E 23 St. **closed** for EDC Solar One construction work.
- Murphy Brothers Playground - **OPEN!!!**
- Greenway - **OPEN!**



PA2 | Murphy Brothers Playground Open!

Planting to begin in November!



Murphy Brothers Playground open to the public – October 2024

PA2 | Ribbon Cutting & Floodgate Demonstration



Ribbon cutting at Stuyvesant Cove Park – October 2024



Demonstration of Floodgate 13 operation – October 2024

Press Release: <https://on.nyc.gov/3A7tqHH>



PA1 & PA2 | What We've Heard

ALL WORK IS SUBJECT TO CHANGE

- **Floodgate testing:** leakage tests and demonstrations with DEP have been successful so far
- **Floodgate tracks:**
 - Most asphalt is removed before tests
 - Asphalt will be replaced with a removable plate, which will be designed, fabricated, and installed prior to completion of the flood protection system
- **Greenway barriers:** no anti-graffiti coating on jersey barriers
- **Bollards:** ongoing coordination with DOT and SBS
- **Pinch Point:** \$100M+ allocated for the project


PA1 & PA2 | What We've Heard: Floodgate Operations

ALL WORK IS SUBJECT TO CHANGE

- DEP Bureau of Coastal Resilience (DEP BCR) will operate floodgates

Deployment for severe weather

- Upon Notification**
 - Coordination with NYCEM and affected agencies as early as possible.
 - Recommendation is made to Mayor's Office to activate ESCR ERP.
 - Pre-storm inspections conducted of all assets, work crews mobilized.
- E-48 – Initial closures**
 - Floodgates not impeding roadway are closed. (2-6 hrs per gate)
 - FDR drive remains open to allow for emergency vehicles and evacuees.
- E-24 – Roadway closure**
 - FDR drive is closed to all vehicular traffic from Battery Park to E 34th street.
 - Gates impeding vehicular traffic on FDR drive are shut and sealed.
- E-8 – Final asset deployment**
 - Deadline to close all gates, all assets must be deployed and work crews brought to safety.
 - Gate performance is monitored from a safe location.



View DEP BCR Deputy Commissioner Laurian Farrell's recent presentation to ESCR CAG:

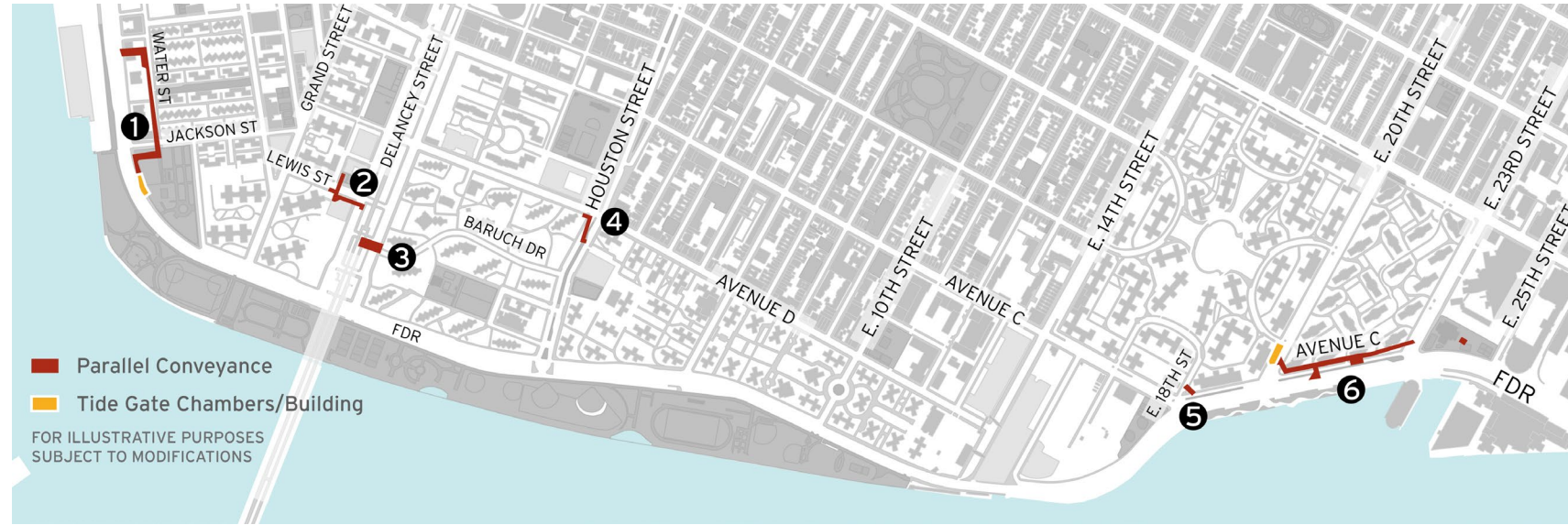
<https://youtu.be/IJNuG081aMI?si=zn6wiEuGtLBZ85aX&t=3551> (approx. 1 hour in)

Parallel Conveyance

PC | Construction Progress

ALL WORK IS SUBJECT TO CHANGE

- **Location 1 – Jackson St. & Water St. & Corlears Hook Park**
 - Utility relocation
 - Sewer installation
 - Water Street from Gouverneur Slip E. to Jackson St. closure in effect 24/7 for continuation of new 24” sewer work
- **Location 2 – Lewis St. & Delancey St.**
 - Utility relocation
 - Test piles
- **Location 3 – Baruch Dr. & Delancey St.**
 - Utility relocation
 - Test piles



- **Location 4 – E Houston St. & Columbia St.**
 - Utility relocation
 - Test piles
 - Con Ed gas and steam work
- **Location 5 – Avenue C & E 18th**
 - Test piles
 - Con Ed steam work
 - Utility relocation
- **Location 6 – Avenue C, E 20th to E 23rd**
 - Test pits
 - Test piles
 - Utility relocation

PC | Activities in CB6

ALL WORK IS SUBJECT TO CHANGE

- Approximately four more weeks of test piles
- Installation of test piles can be noisy and dusty
- Weekend work is required at E. 18th St. and Avenue C
 - Traffic safety: operation is currently limited but flagger is on site
- Permanent piles required to support the new stormwater and drainage infrastructure
- Heavy, deep sewer work to begin next year



PC | What We've Heard

ALL WORK IS SUBJECT TO CHANGE

- **Chamber Building Access:** building houses controls for the gate and chamber, while chamber itself is accessed via manhole
- **Chamber Building Design:**
 - Glass bricks are graffiti-resistant and easy to clean
 - Glass used is highly durable
- **Miscolored Water:** not caused by PC, DEP was working in the area
 - DEP regularly performs routine maintenance and does not give ESCR advance notice



Renderings from Final ESCR PDC
Presentation: <https://on.nyc.gov/40h6j8c>

PC | Construction Photos



Gas main installation at Columbia St. and E. Houston St. – October 2024



Test pile on Delancey St. N – October 2024



Steam main installation at E. 18th St. and Ave C – October 2024

PC | Resources

- Visit Us: <https://www.nyc.gov/escr>
- Community Construction Liaison:
 - Tannia Wokoun
 - 917-313-6863
 - Email: sandrespc.ccl@gmail.com
- Tabling in the Community
- CB 3 Parks Meetings
- On-site signage
- Inquiry tool and email updates: <https://www.nyc.gov/escr/contact>

The screenshot shows the NYC East Side Coastal Resiliency Project website. The main heading is "PC Construction Notices". Below this, there are several sections: "PA1 Construction Notices", "PA2 Construction Notices", "PC Construction Notices", "Environmental Monitoring", "Presentations", "Newsletters", and "Gallery". The "PC Construction Notices" section is highlighted, featuring a map of the Lower East Side of Manhattan with maroon lines indicating new sewer connections and yellow boxes for interceptor gate buildings. Below the map, there is a "PARALLEL CONVEYANCE WORK AREAS" section with a descriptive text. Further down, there are sections for "PC Weekly Construction Bulletin" and "Active PC Community Advisories", which includes details about nightwork, limited parking, and test pit work.

Community Advisory

Project # SANDRESC | Borough: Manhattan | Issue Date: 09/18/2024

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

Nightwork:
FDR Drive Southbound between Jackson St. and Cherry St.
Thursday, September 19 through Sunday, September 22, 2024, from 10:00 pm to 5:30 am

Work Hours:
Overnight work on FDR Drive right of way to determine the location of the interceptors. Please follow all posted signs.

Questions? ¿Preguntas?
PC Community Construction Liaison: Tannia Wokoun, 914-313-6863
Inquiries | Consulta en Línea: www.nyc.gov/escr/contact

PLEASE NOTE: Due to unforeseen circumstances, we have updated the scheduled work locations and are providing you with this updated information. For more information, please contact the Department of Design and Construction, Office of Community Outreach & Notification.

EAST SIDE COASTAL RESILIENCY

Advisories posted in English, Spanish, and Chinese

Aviso Comunitario

Proyecto # SANDRESC | Municipio: Manhattan | Fecha: 18/09/2024

El proyecto de Resiliencia Costera del Lado Este (ESCR) es una iniciativa para proporcionar protección contra inundaciones a largo plazo en el lado este de Manhattan.

Trabajo Nocturno:
FDR en dirección Sur entre Jackson St. & Cherry St.
Iniciando Jueves 19/9 hasta 22/9 de 2024.
Hora Laboral: 10:00 PM - 5:30 AM

Estas restricciones temporales nocturnas son necesarias para los cierres del carril derecho del FDR Dr. en dirección Sur para excavar pozos de prueba para interceptores.

Question
PC Entice Tannia Wokoun
Inquiries

PLEASE NOTE: Due to unforeseen circumstances, we have updated the scheduled work locations and are providing you with this updated information. For more information, please contact the Department of Design and Construction, Office of Community Outreach & Notification.

EAST SIDE COASTAL RESILIENCY

社区公告

项目 # SANDRESCMPC | 行政区: 曼哈顿 | 发布日期: 08/30/2024

东海岸防洪韧性项目 (East Side Coastal Resiliency, ESCR) 将为曼哈顿东区提供长期防洪保护设施。

夜间工作:
位于FDR Drive 南行线, 在 Jackson St. 和 Cherry St. 之间
2024年9月4日星期三至
2024年9月9日星期一
工作时间: 晚上 10:00 - 凌晨 5:30

夜间工作并临时封闭 FDR Drive 南行线右侧车道, 以挖掘测试坑以确认地下结构和公用设施的位置。请遵守所有张贴的标志。

Questions? ¿Preguntas? 问题?
PC项目区域的社区建设联络员 (CCL) | Email: sandrespc.ccl@gmail.com
Tannia Wokoun, 914-313-6863
Inquiries | Consulta en Línea | 线上咨询: www.nyc.gov/escr/contact

请注意: 因不可控因素 (天气、场地条件等), 我们可能会对计划的施工地点和方案进行调整。非施工时间的紧急情况, 请按照纽约市消防局和警察局提供的紧急电话911。

Department of Design and Construction
NYC DOT
NYC Resiliency





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.

 Construction Progress	 Resiliency & Flood Protection	 Project Background & Goals	 Project Design
Construction Notices View our most recent community presentations for updates as we prepare for upcoming construction activities.	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.	Project Background and Goals Read about the history and background of ESCR, and the goals driving this technically complex infrastructure project.	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.

NEED MORE INFORMATION?

VISIT US AT:

www.nyc.gov/escr

