

COMMUNITY ADVISORY GROUP (CAG)

Meeting #49

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

Virtual
Thursday, September 19, 2024

ESCR FOCUS AREA TOPICS

**CONSTRUCTION
PROGRESS/
APPROACH**

ENVIRONMENT

**ACCESS/
SIGNAGE/
SAFETY**

**PARK
AMENITIES**

**HIRING
COMPLIANCE**

**PROJECT
INFORMATION
DELIVERY**

**COMMUNITY
PROGRAMMING &
COORDINATION**

QUESTIONS?



OVERVIEW

- **OEM Storm Preparedness**
- **Overview of Contracts**
 - **PA1 Construction Progress**
 - **What We've Heard**
 - **PA2 Construction Progress**
 - **PC Construction Progress**
- **Environmental Monitoring**

OEM Storm Preparedness Presentation

- East Side Coastal Resiliency Coastal Storm Preparedness

- September 19, 2024

Agenda

- **01** • NYCEM's Role
- **02** • Coastal Storm Hazards
- **03** • How to Prepare
- **04** • Mitigation Actions
- **05** • Contact
- **06** • Questions

NYC Emergency Management

- What NYCEM Does

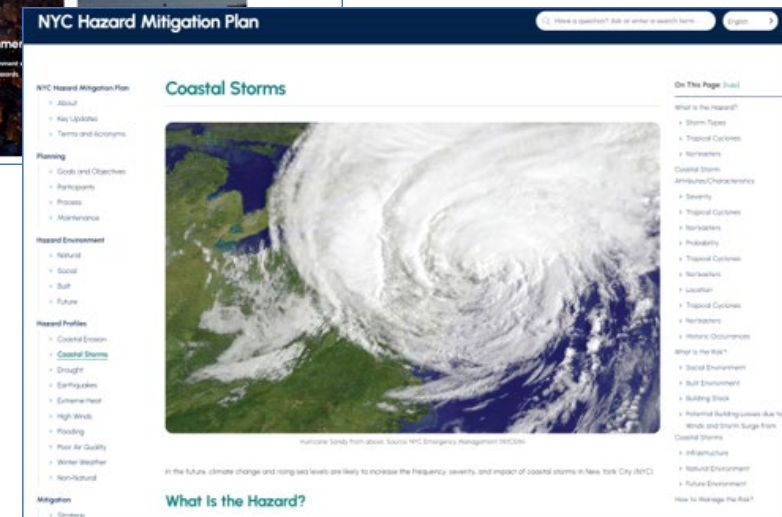
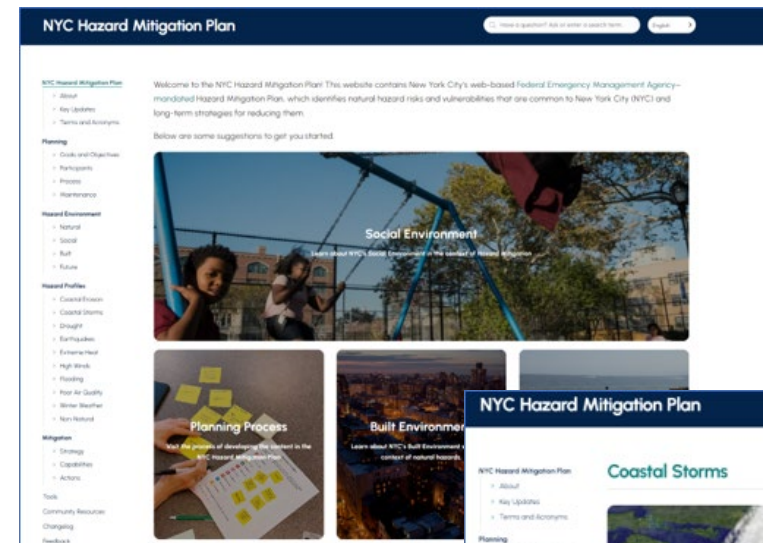
- NYC Emergency Management (NYCEM) helps New Yorkers before, during, and after emergencies through preparedness, education, and response.
- The agency is responsible for coordinating citywide emergency planning and response for all types and scales of emergencies.

- Who We Are

- The Risk Analysis and Recovery (RAR) Unit creates tools and materials, including the Hazard Mitigation Plan (HMP), to help New Yorkers understand their risks from natural hazards and recover after disasters.
- Community Engagement builds relationships with New Yorkers to ensure they have what they need before, during, and after disasters.

NYC Hazard Mitigation Plan

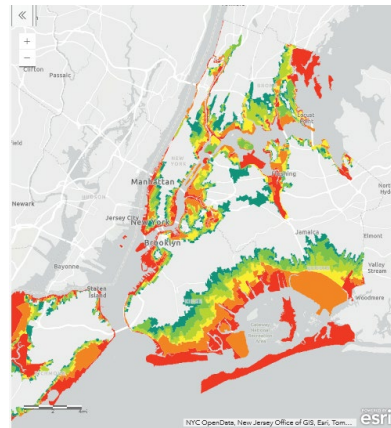
- NYC Emergency Management manages the NYC Hazard Mitigation Plan (HMP).
- This plan includes:
 - Information about natural hazards in NYC
 - Actions that NYC is taking to lessen the impacts of these hazards
 - Steps you can take to reduce impacts from natural hazards
 - A tool to understand your neighborhood's risk



Source: [NYC Hazard Mitigation Plan](#)

NYCEM's Role During Coastal Storms

- Each year, NYCEM updates its hurricane evacuation zone maps.
- If a coastal storm could hit NYC, NYCEM tracks the storm and works with meteorologists at the National Weather Service, trying to understand potential impacts.
- If the coastal storm looks like it will pose a danger to residents, NYCEM may ask New Yorkers to evacuate. NYCEM would then open coastal storm shelters throughout NYC.
- After a coastal storm, NYCEM will help apply for recovery funding and resources. The agency will help New Yorkers access these resources if they are available.
- NYCEM also puts out communication before, during, and after the storm to help residents prepare, respond, and recover.



*New Yorkers should know their hurricane evacuation zone in advance.
Source: NYC Hazard Mitigation Plan*



*A NYCEM employee in Watch Command monitoring weather conditions.
Source: NYC Hazard Mitigation Plan*



*After a storm, NYCEM will help coordinate recovery resources.
Source: NYC Hazard Mitigation Plan*

Know Your Zone: Hurricane Sandy's Impacts



Know Your Zone

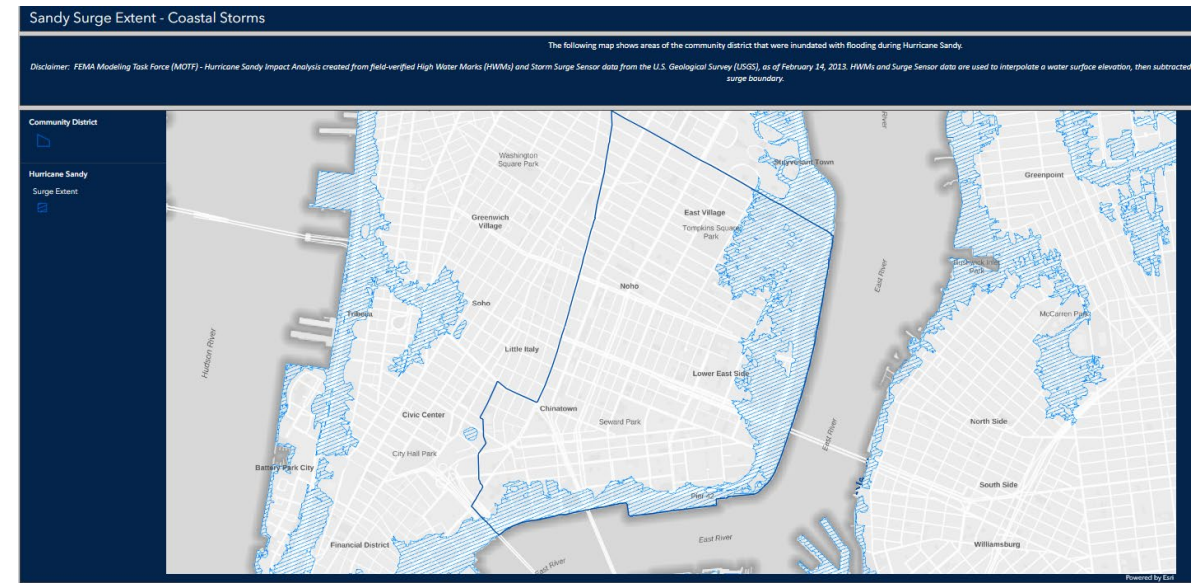
- What is your hurricane evacuation zone?
- How to find out:
 - Visit the Hurricane Evacuation Zone Finder: maps.nyc.gov/hurricane
 - Call 311 and ask to find your hurricane evacuation zone.



Community Risk Assessment Dashboard

- *NYC Hazard Mitigation Plan Tool*

- Use the CRA Dashboard to find out:
 - What was the impact of Hurricane Sandy on your neighborhood?
 - What is your hurricane evacuation zone?
 - What is your risk from inland flooding?
- And more!



Source: [NYC Hazard Mitigation Plan](#)

Three Basic Steps to Being Prepared

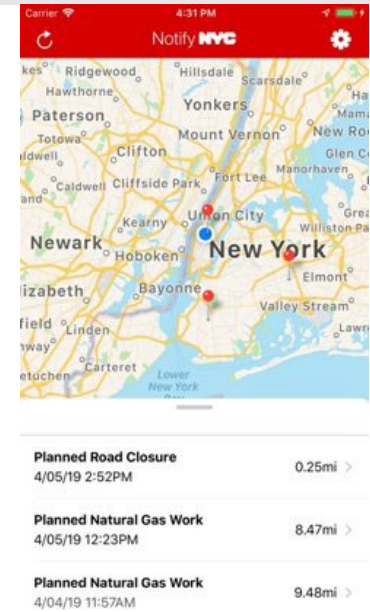
Make a Plan



Gather Supplies



Stay Informed



Stay Informed with NotifyNYC

- Emails and SMS notifications:
 - Visit <https://on.nyc.gov/notifynyc>
- Twitter: @nnyc[language]
 - Example: nnycarabic

Notify **NYC**

Apple App
Store



Google
Play



Email &
SMS



Contact

- **Nell Durfee, Community Resilience and Recovery Planner**
- Edurfee@oem.nyc.gov

HIRING COMPLIANCE

Work With Us

LESEN Fall 2024 Job Fair

- Tuesday, September 24, 2024, 3pm-5pm
- Manny Cantor Center at 197 E. Broadway
- For entry- and mid-level jobseekers
- Register at tinyurl.com/3p7ysxyp

DDC Industry Open House

- Wednesday, October 16, 2024, 9:30am-11am
- Long Island City
- For industry partners and companies
- Register at tinyurl.com/nwxuddj7



L·E·S·E·N
LOWER EAST SIDE EMPLOYMENT NETWORK

Fall 2024 Job Fair

Entry-level and mid-level roles - paying **up to \$40/hr!**

September 24, 2024
3-5pm
Manny Cantor Center
197 E. Broadway, Manhattan

Scan the QR code to register

or visit this site to register:
<https://tinyurl.com/3p7ysxyp>

Companies Include:

- Uncommon Goods
- Breaking Ground
- Vital Gym LES
- The Imogen Foundation
- The NY Dept of Civil Service
- 1199 SEIU
- Harlem Children's Zone and others!

Part-Time, Full-Time, Seasonal, & Temporary positions available!

lesemploy.org

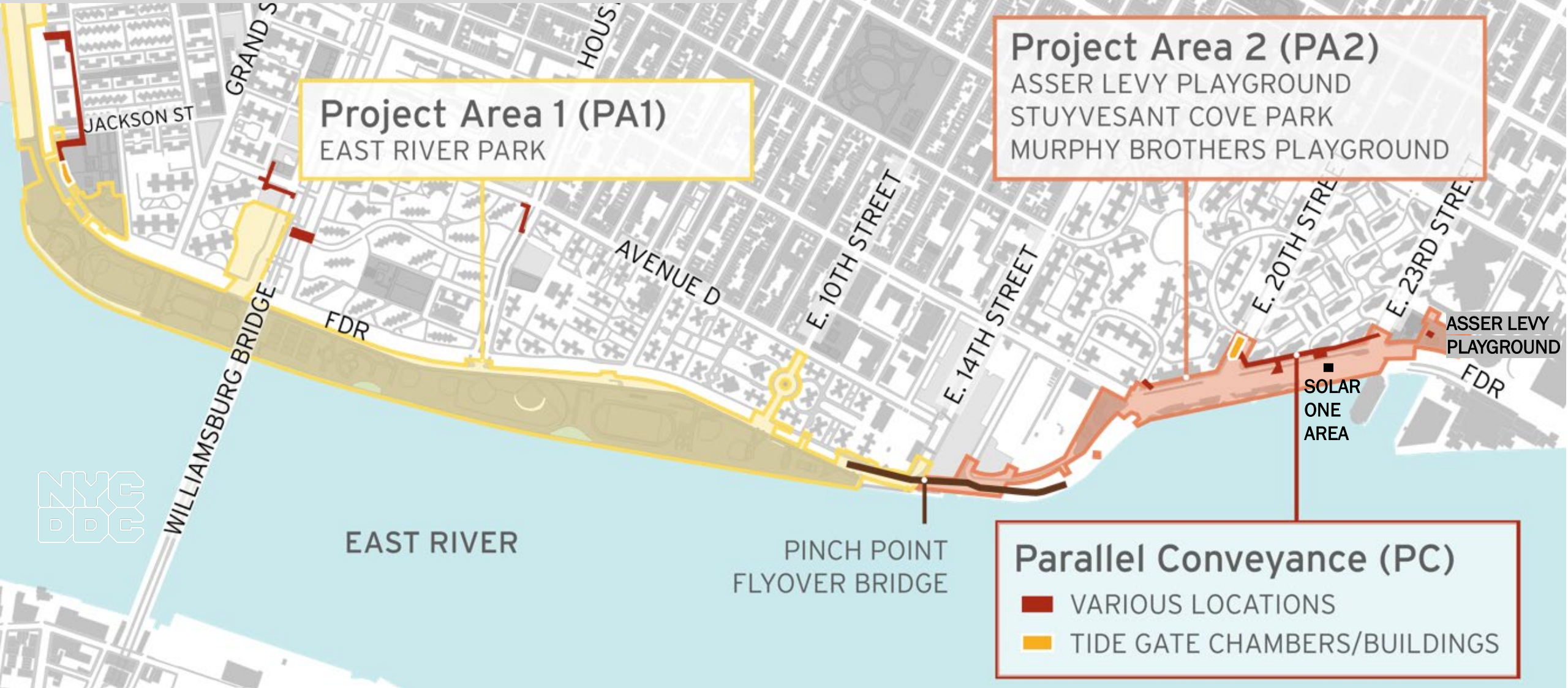


NYC DDC Department of Design and Construction

10.16.24

DDC INDUSTRY OPEN HOUSE

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 being assembled on site. 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 stage & seating work, Tennis 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** under construction, **nearing fall completion**
- 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.**
 - prep work for interceptor gate chamber and building construction
 - utility relocations
 - sewer installation
 - test pits, including Con Ed
 - Water St. closed from Gouverneur Slip E. to Jackson St.
- **E Houston and Delancey Streets**
 - utility relocations
 - test piles
 - water main installation at Columbia St. and E. Houston St.
- **Avenue C (E. 18 - E. 23) locations**
 - test piles
 - Con Ed steam work
 - utility relocations



PA1 | Construction Progress

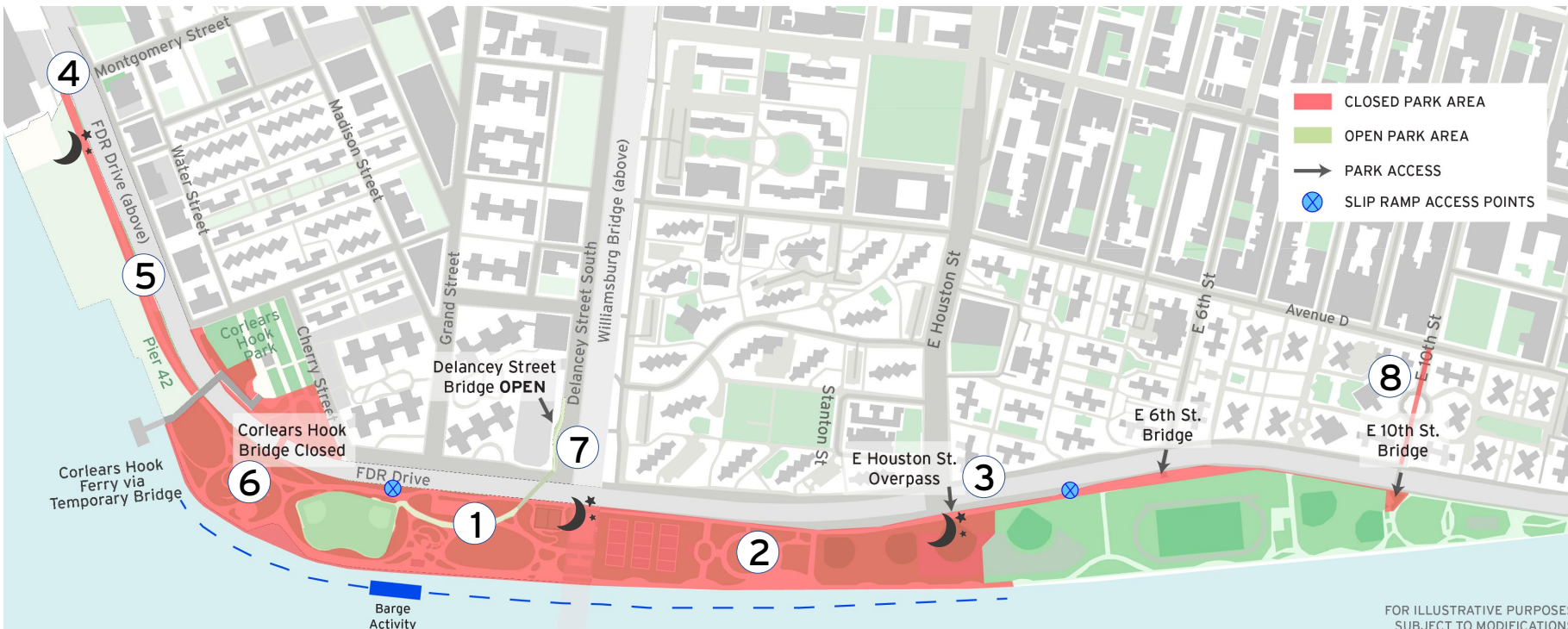
PA1 | 2024 Construction Activities

ALL WORK IS SUBJECT TO CHANGE

1. Esplanade reconstruction activities along waterfront. **Paver installation to begin soon.**
Installation of park features & horticultural soil. **Ballfields 1 & 2 OPEN!**
Amphitheater foundation, stage and seating work.
Nature Exploration area, **bike path, basketball court construction.**
Floodwall and park drainage work, fill material delivery and placement.
2. **Tennis Court, Multiuse Turf construction.**
Floodwall installation, installation of rigid inclusions and wick drains.
Excavation in Ballfields 3, 4, and 5.
3. Ongoing retaining wall activities, including excavation and pile installation.
4. Micropile installation, fence installation, Con Edison work, and jet grouting.
Floodwall operations at Montgomery Street and South Street.

5. Jet grouting and utility work for floodwall.
6. Bridge abutment and wingwall installation for new Corlears Hook Bridge.
Passive Lawn full closure for **Corlears Hook Bridge assembly.**
7. Curb and sidewalk work and pier construction.
8. E 10th Street utility work and deep sewer work.
Preparation for microtunneling operations at E. 10th Street.
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.



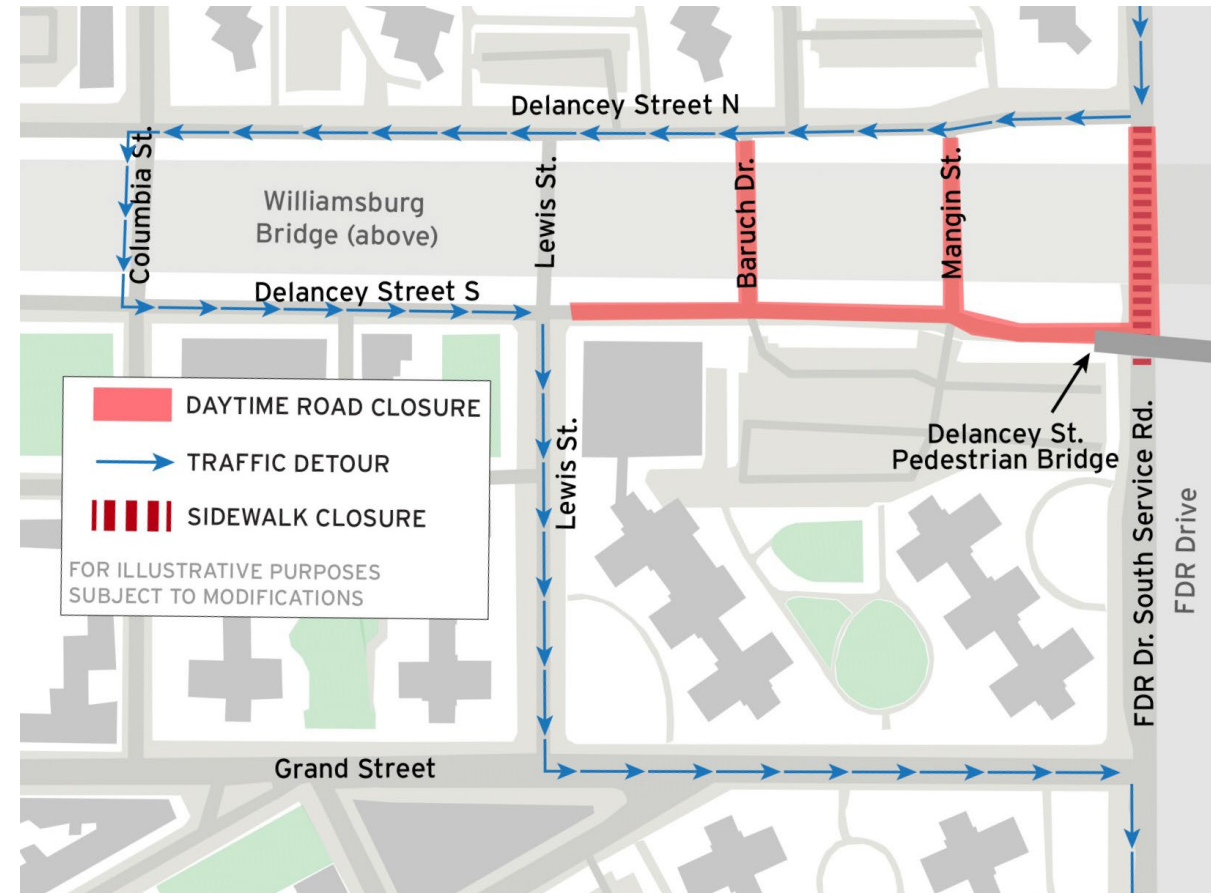
MOON ICON INDICATES EVENING WORK SHIFTS

PA1 | Daytime Road Closure for Restoration work

ALL WORK IS SUBJECT TO CHANGE

Monday, September 30 – Saturday, October 19
from 7am to 5pm

- Delancey St. South between Lewis St. & FDR Service Rd.
- FDR Service Rd. between Delancey St. North & Grand St.
- Mangin St. between Delancey St. North & Delancey St. South
- Baruch Dr. between Delancey St. North and Delancey St. South
- Pedestrian access to Delancey St. bridge and East River Housing resident parking lot access will be maintained
- Sidewalk closure on FDR Service Rd. from Delancey St. North to Delancey St. South



PA1 | Ballfields 1 & 2 Opening



Ballfields 1 and 2 – September 2024



PA1 | Construction Photos



Pile driving at Ballfields 3, 4, 5 – September 2024



Striping at Multiuse Turf – September 2024

PA1 | Construction Photos



Picnic tables in BBQ Area south of Williamsburg Bridge – September 2024



Planting areas near Ballfields 1 & 2 with stakes indicating future trees – September 2024

PA1 | Corlears Hook Bridge Assembly



September 4, 2024



September 18, 2024

Mid-October
overnight installation!

PA1 | What We've Heard: Ballfields 1 & 2, Delancey St.

- **Ballfield permits and field use:**
 - Parks is responsible for all ballfield permits across the city, including East River Park
 - Open play is allowed when a field isn't permitted, enforced by Parks
 - Parks is finalizing permitting schedules for Ballfields 1 & 2 with local leagues
- **Shade:** no shade structures are included in construction documents associated with ballfields, however Parks is reviewing future opportunities
- **Water and electric service:**
 - Timeframe for light installation is still being developed
 - Ongoing coordination with Con Edison on providing permanent power to the park
- **Skateboard and bike safety:** Parks to install "Cyclists Must Dismount" and "No Skateboarding" signage
- **Bridge approach drainage (city side):** designed to send storm water into curb gutter and nearby catch basin
- **Bridge approach accessibility:** confirmed to be ADA compliant

PA1 | What We've Heard

- **Responses to CAG Questions:** sent to CAG 9/19/2024
- **Planting:** plant material to arrive in coming days, with planting schedule TBD
- **E. 10th Street:** ongoing improvements to sidewalks and detour areas
- **Future amenity openings and park closures:** in progress
- **Floodgate operations:** to be managed by DEP Bureau of Coastal Resilience
 - Website: <https://www.nyc.gov/site/dep/environment/flood-prevention.page>



ENVIRONMENT

Environmental Reporting Update Air Quality Monitoring (AQM)

PA1 AQM | Monitoring Locations



PA1 AQM | August 2024 Update

The PM daily value (24-hour TWA) **did not surpass the PEL for this month.** El valor diario de PM (promedio ponderado de tiempo de 24 horas) no superó el límite de exposición permisible (PEL) para este mes. 这个月的颗粒物日值（24小时加权平均值）没有超过允许的暴露标准。 PM = Particulate Matter / Materia Particular / 颗粒物

Location <i>Lubicacion</i> 位置	PM Size <i>PM Tamano</i> 颗粒物尺寸	Date / <i>Fecha</i> / 日期 BOLD = net exceedances 加粗 = 净超标 标 ATREVIDO = superaciones netas	Alert Duration (<i>minutes</i>) <i>Duracion de Aviso (minutos)</i> 预警持续时间 (分钟)	Cause <i>Causa</i> 原因	Mitigation <i>Mitigacion</i> 减缓措施
Montgomery Street to Jackson Street (AQM-1, AQM-6, AQM-CHR)	PM 2.5	8/10	2	• Anomalous Reading	• None
	PM 10	None	None	• None	• None
Jackson Street to Williamsburg Bridge (AQM-2, AQM-3, AQM-AT, AQM-FB, AQM-WB)	PM 2.5	8/13, 8/15	14 to 17	• Construction activities	• Dust suppression techniques applied
	PM 10	8/13	14	• Construction activities	• Dust suppression techniques applied
Williamsburg Bridge to East 6 th Street (AQM-4, AQM-5, AQM-WBN)	PM 2.5	8/15, 8/17, 8/23	15 to 19	• Construction activities	• Dust suppression techniques applied
	PM 10	8/24	16	• None	• None
East 6 th Street to East 10 th Street (AQM-TH, AQM-THR, AQM-HS)	PM 2.5	8/16 8/8 8/24	31 2 15	• Construction activities • Anomalous Reading • Offsite Activity	• Dust suppression techniques applied • None • None
	PM 10	8/16	29	• Construction activities	• Dust suppression techniques applied
E 10 th Street (AQM-10S, AQM-10SR)	PM 2.5	None	None	• None	• None
	PM 10	None	None	• None	• None

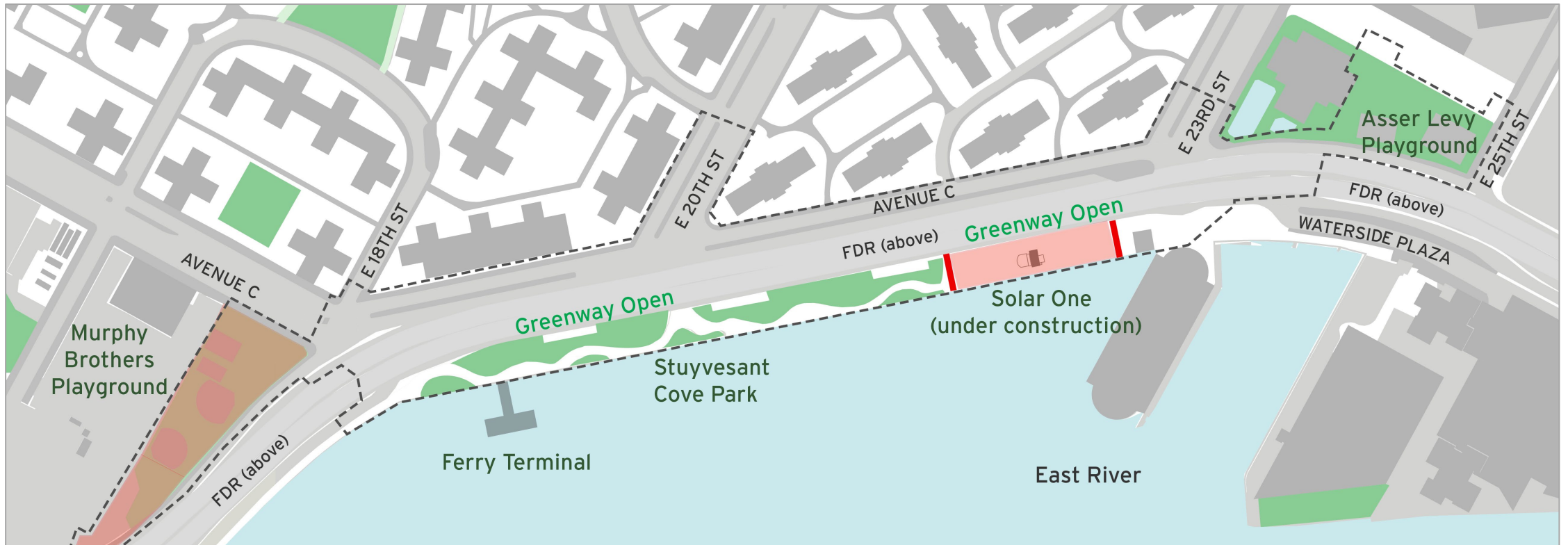
ESCR | Vibration Monitoring

- Vibrations at critical structures are monitored during **installation of piles, sheet piles, and jet grouting**
- **Allowable limit of vibration:** 0.5-inch per second in particle velocity above ambient level
- **Critical structures under PA1 include *but are not limited to*:**
 - Transportation: elevated FDR Drive, Williamsburg Bridge, Houston Street over FDR Drive, 6th Street pedestrian bridge, L-train tunnel
 - Housing: Gouverneur Gardens, former Gouverneur Hospital and Dispensary, East River Housing, Jacob Riis Houses
 - Other: Con Edison conveyor tunnel, Fireboat House, Public School 110
- **Between July 28, 2024, and August 17, 2024, seven vibration alerts were noted in PA1:**
 - Two near Gouverneur Gardens, five near Riis Houses
 - All caused by manual disturbance of the monitors, and no pile driving was being conducted in those areas at the time of alerts

**CONSTRUCTION
PROGRESS/
APPROACH**

PA2 | Construction Progress

- Asser Levy Playground – **OPEN!**
- Stuyvesant Cove Park – **OPEN!** North entrance at E 23 St. **closed** for EDC Solar One construction work.
- Murphy Brothers Playground - set to open in October 2024.



PA2 | Construction Photos: Murphy Brothers



Tee ball field at Murphy Brothers Playground – September 2024



Small Dog Run at Murphy Brothers Playground – September 2024



Play equipment at Murphy Brothers Playground – September 2024

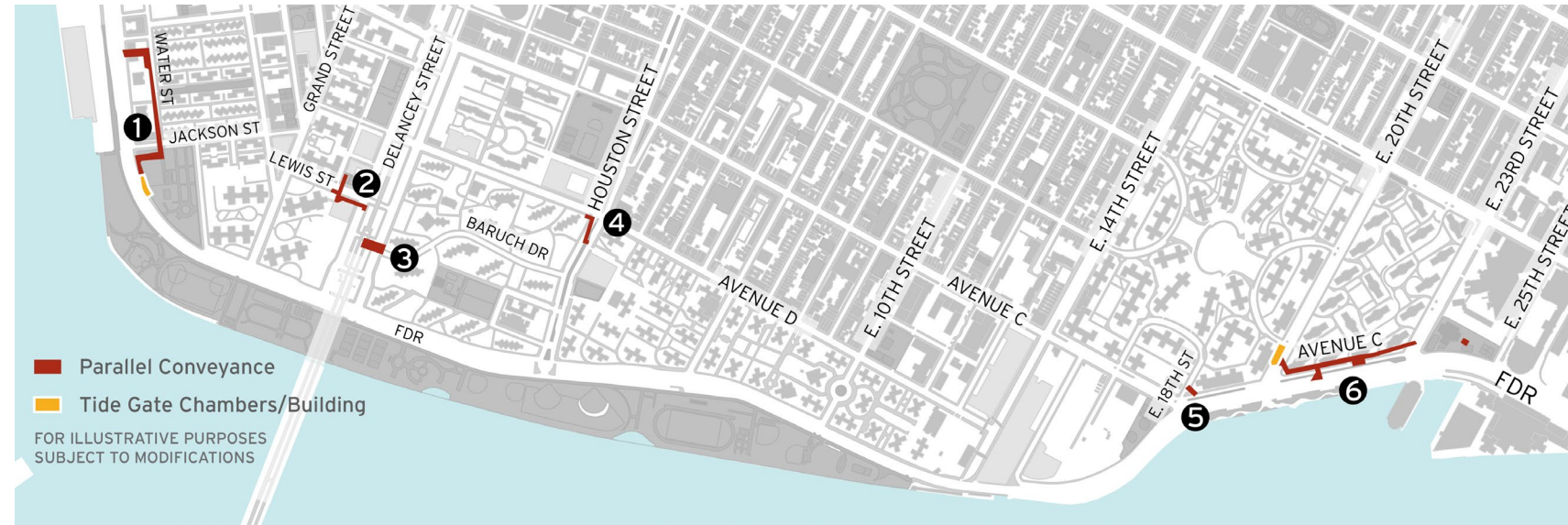


PC | Construction Progress

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
 - Nightwork for test pits
- **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
 - Water main installation
 - E Houston St. bus stop relocation in effect
- **Location 5 – Avenue C & E 18th**
 - Test piles
 - Test pits
 - Con Ed steam work
 - Utility relocation
- **Location 6 – Avenue C, E 20th to E 23rd**
 - Test pits
 - Test piles
 - Con Ed electric relocation

PC | Advisories

ALL WORK IS SUBJECT TO CHANGE

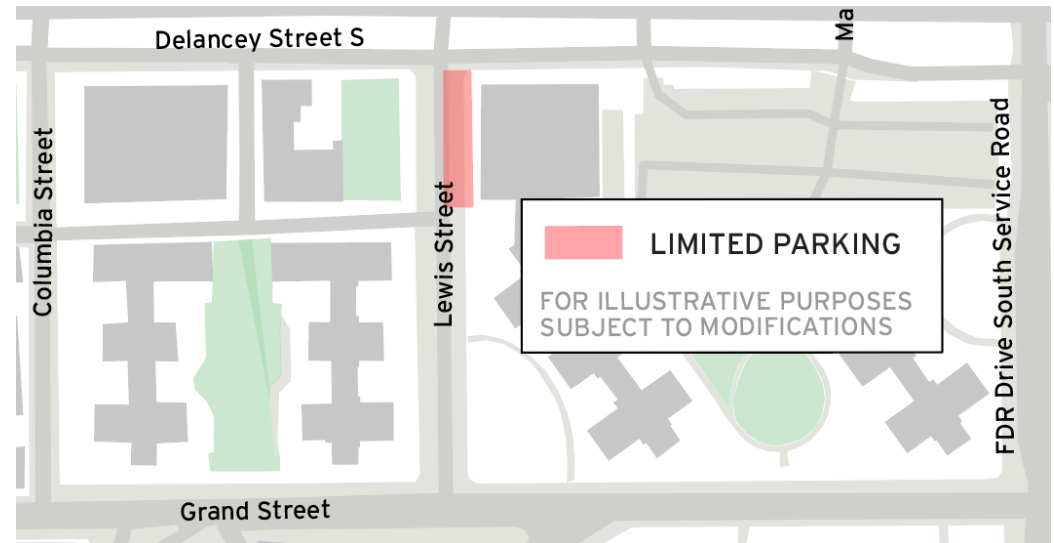
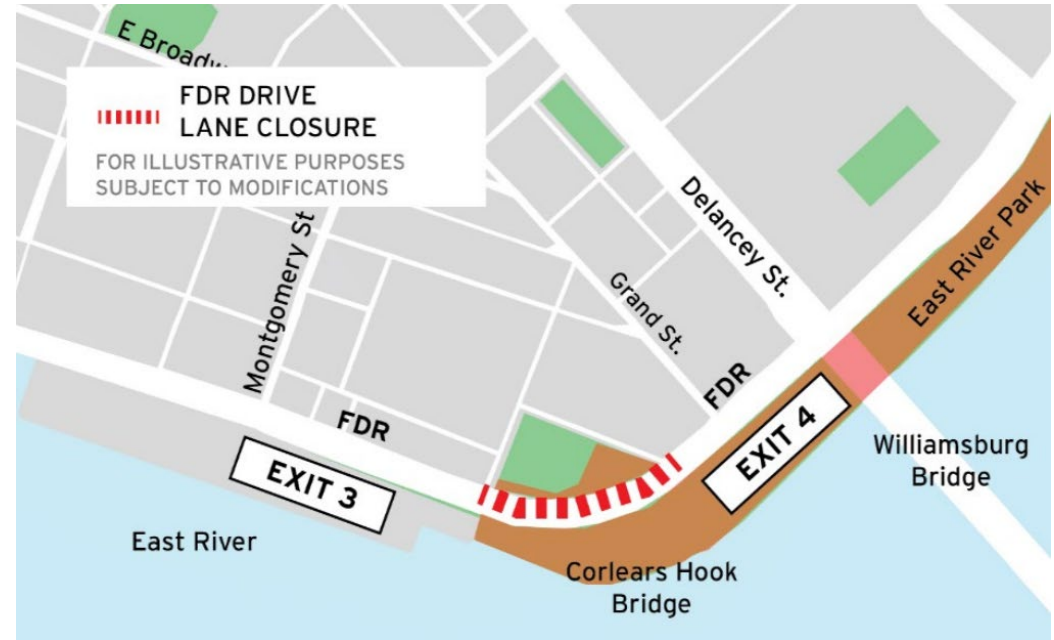
Nightwork: FDR Drive Southbound between Jackson St. and Cherry St.

- Work hours: 10pm to 5:30am
- Temporary lane closures of FDR Drive southbound
- To begin September 19 through September 22

Limited parking on Lewis Street between Grand Street and Delancey St. South

Ongoing until further notice

- No parking on portion of the east side of Lewis St.
- Sidewalks remain open, traffic flow uninterrupted

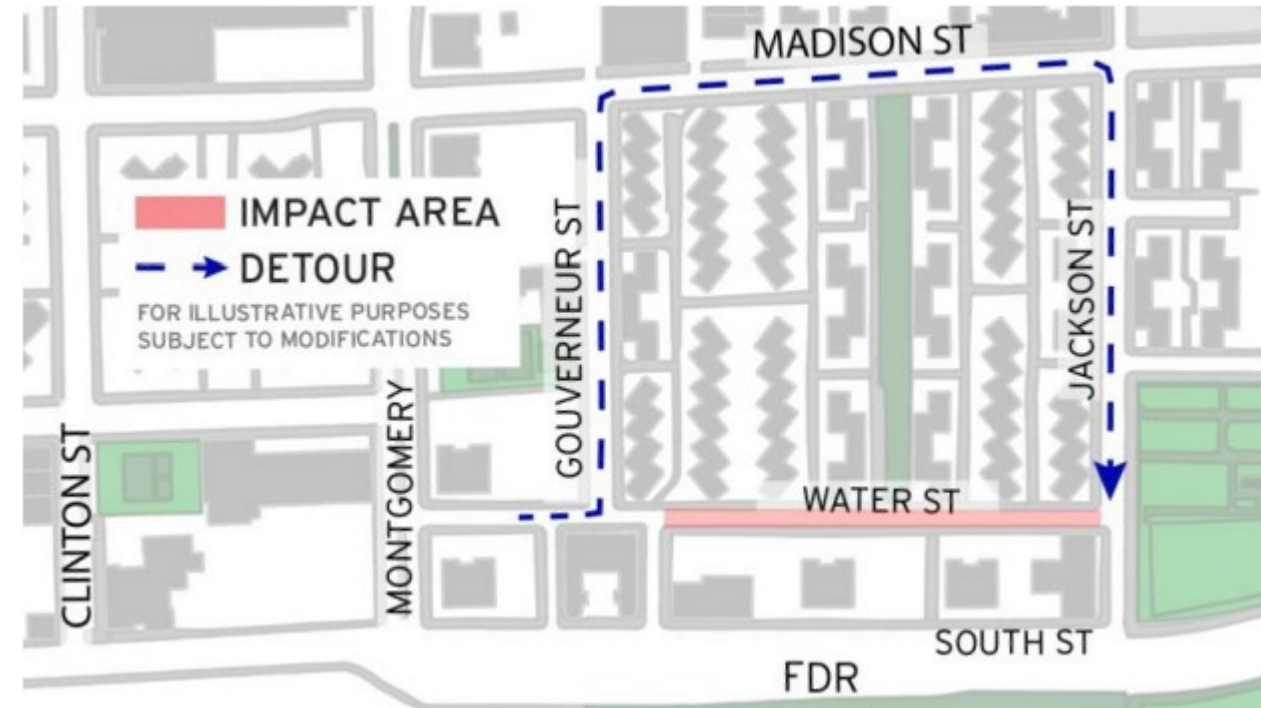


PC | Water Street Work

ALL WORK IS SUBJECT TO CHANGE

Water Street closure expected to conclude mid-November

- Gouverneur Slip E & Jackson Street to follow
- Typical activities for all 3 streets:
 - MPT (maintenance & protection of traffic/pedestrians)
 - utility relocation work
 - installation of PC sewer
- Increased application of rat abatement techniques



PC | Construction Photos



Sewer installation on Water Street – September 2024



Manhole installation on Water Street – September 2024



Utility wingback on Water Street – September 2024

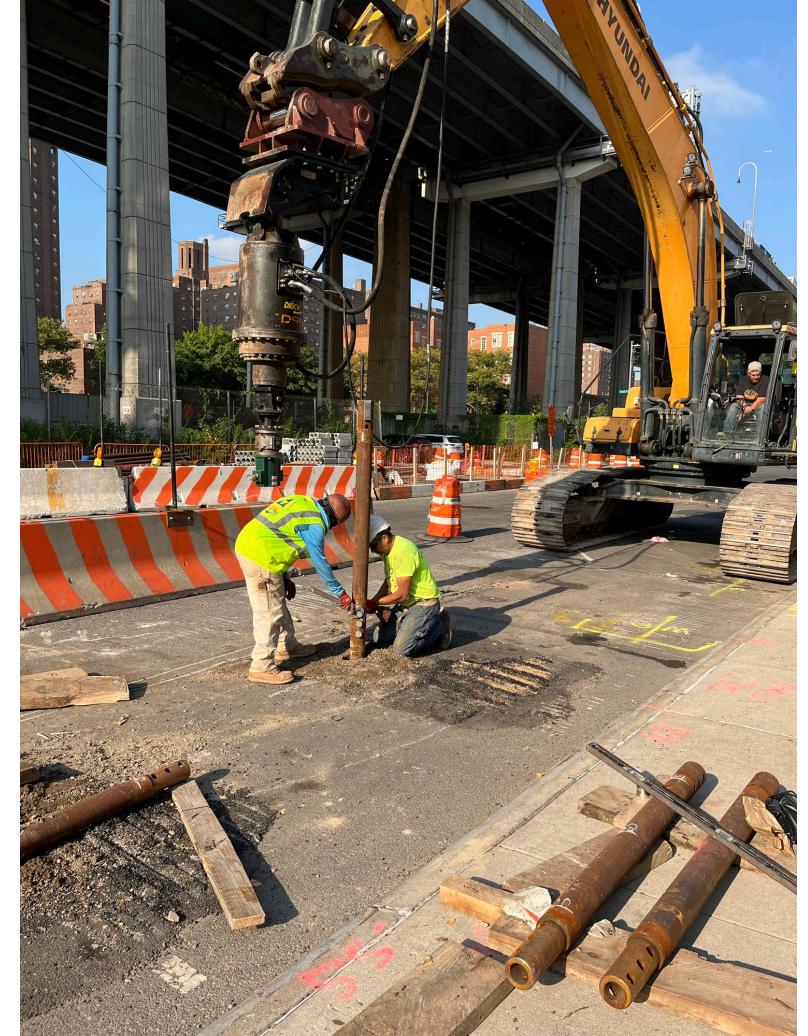
PC | Construction Photos



Excavation for conduit installation at E Houston St. & Columbia St. - September 2024



Water main installation at E Houston St. & Columbia St. - September 2024



Helical pile installation on Delancey St. N - September 2024



QUESTIONS?