

East Side Coastal Resiliency Construction Update

NYCHA Riis
August 2026



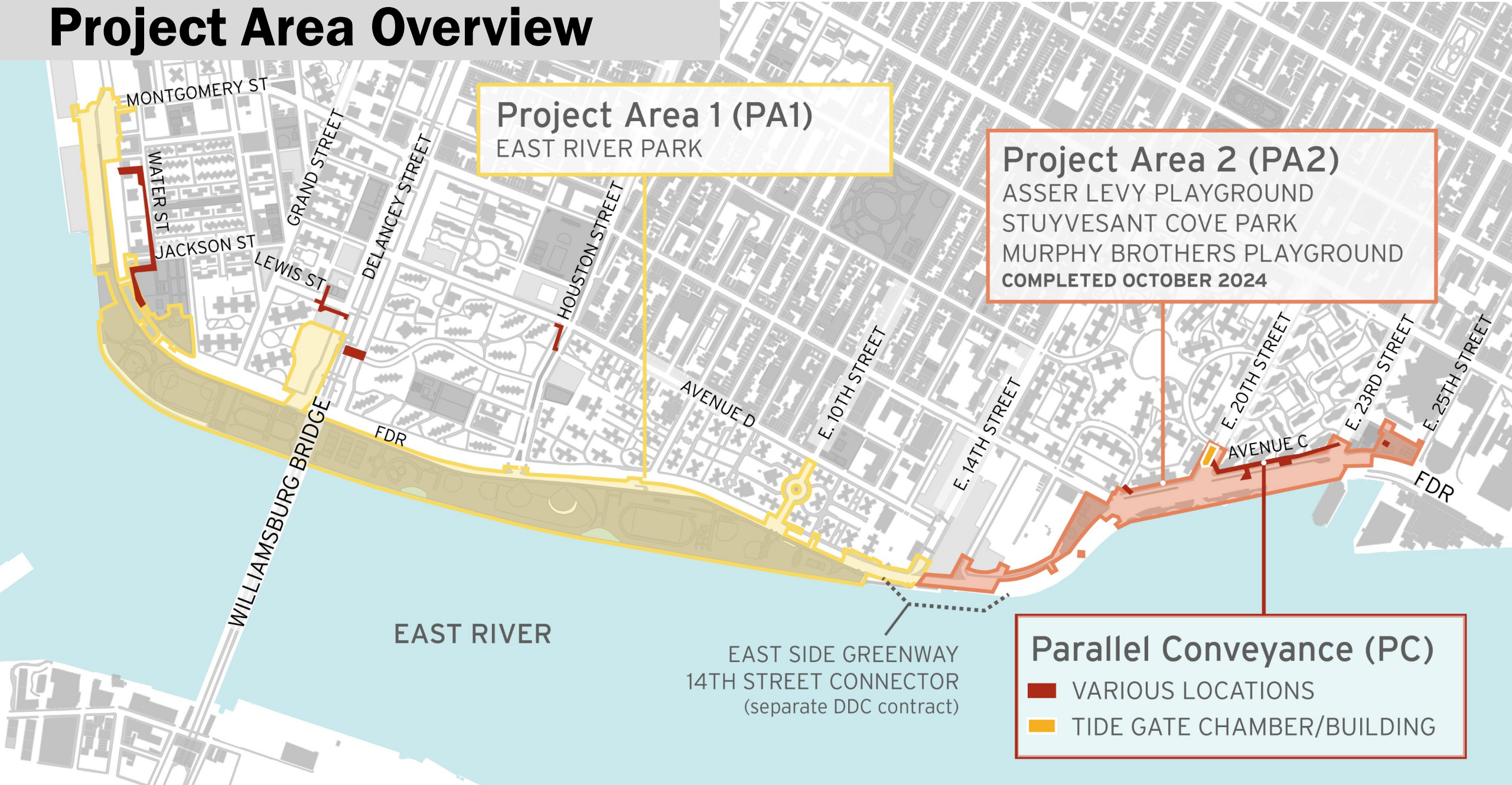
Agenda

1. Project Overview & Benefits
2. PA1 Construction Activities
3. E. 10th Street Bridge Construction
4. E. 13th Street Flood Protection
5. What We've Heard
6. Emergency Access Plan
7. East River Park Construction
8. Environmental Monitoring
9. Call for Art 2026
10. Additional Resources
11. Contact Information

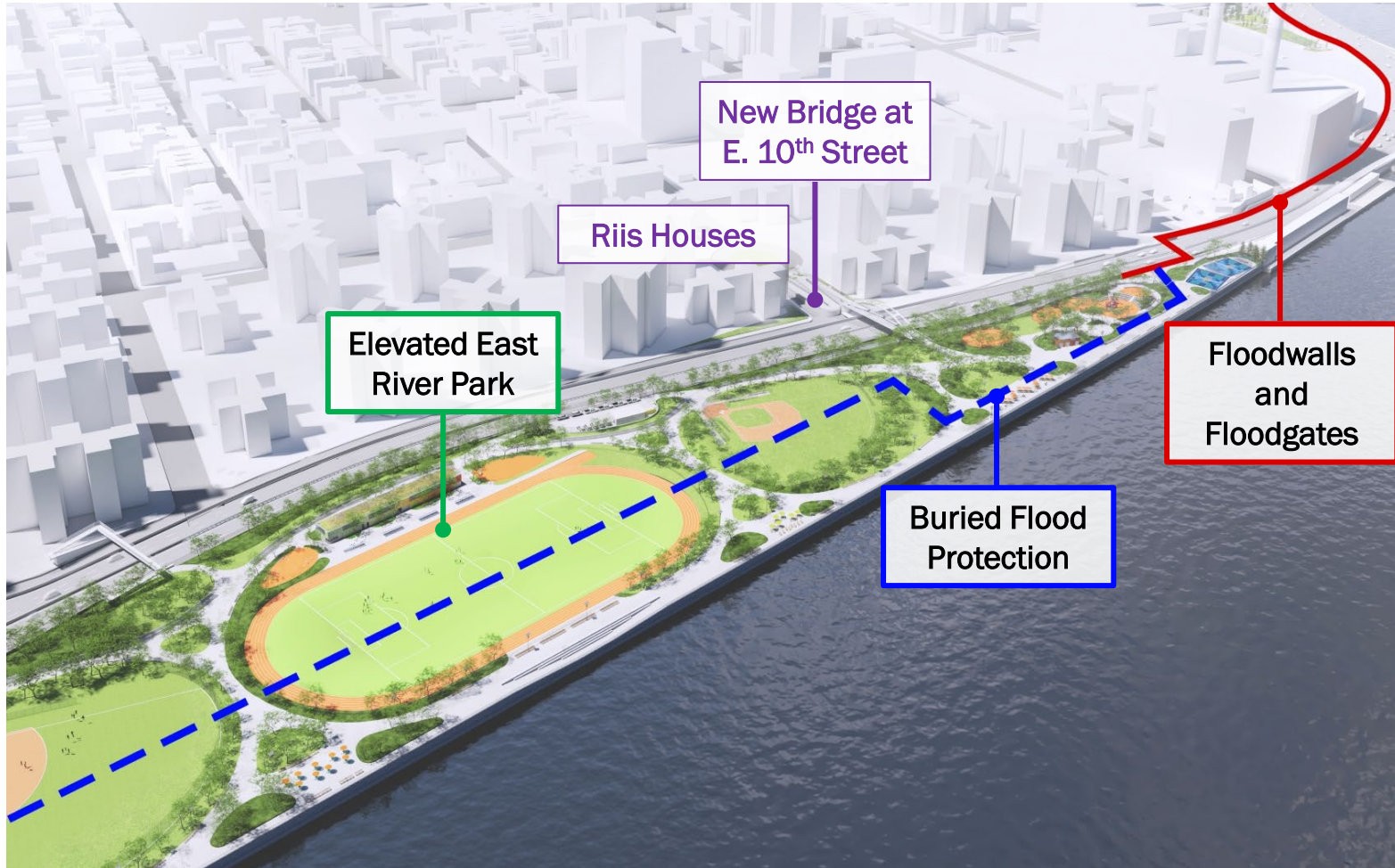
Rendering of northern portion of **East River Park**



Project Area Overview



Project Overview & Benefits



Flood Risk Reduction



- Floodwalls & floodgates
- Raised parkland
- Interior drainage improvements

Improved Access



- Expanded connections to waterfront
- Designed to meet universal access standards

Enhanced Public Spaces



- Resilient design
- Brand new amenities & facilities
- New furnishings
- Ecologically diverse and resilient landscaping

Construction Activities

ALL WORK IS SUBJECT TO CHANGE

1.

Floodwall and floodgate operations.
Construction of Parks maintenance area.
Excavation and clean fill installation.
2.

Construction of Parks maintenance & tennis buildings.
Utility and water main work.
3.

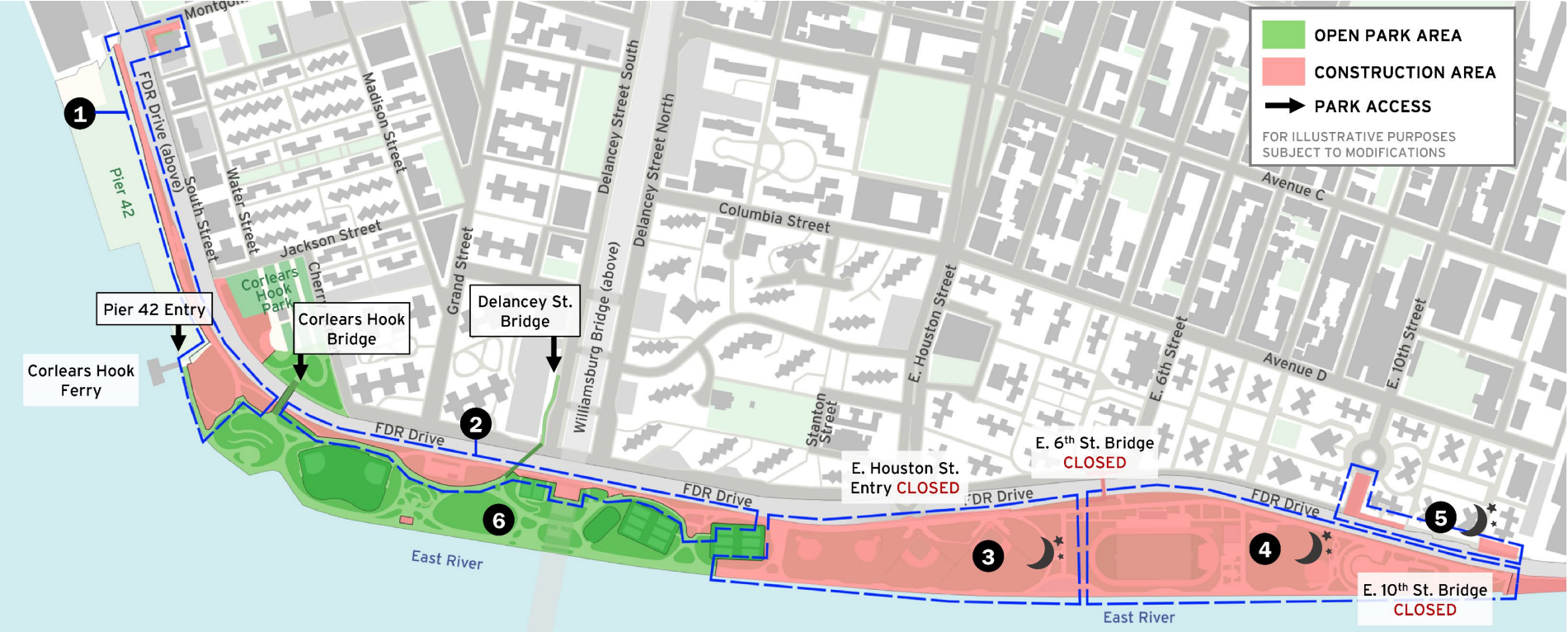
Esplanade reconstruction, E. Houston Street retaining wall activities.
Clean fill installation.
4.

Deep sewer work, floodwall construction, and excavation.
Construction of Parks maintenance & track buildings.
5.

E. 10th Street bridge: pile installation.
Preparation for E. 13th Street floodwall construction.
6.

Phase 1 amenities **OPEN**.
Delancey Street & Corlears Hook bridge work.
7.

Ongoing partial FDR lane closures at various locations for bridge & floodwall work.



EAST SIDE COASTAL RESILIENCY (ESCR)

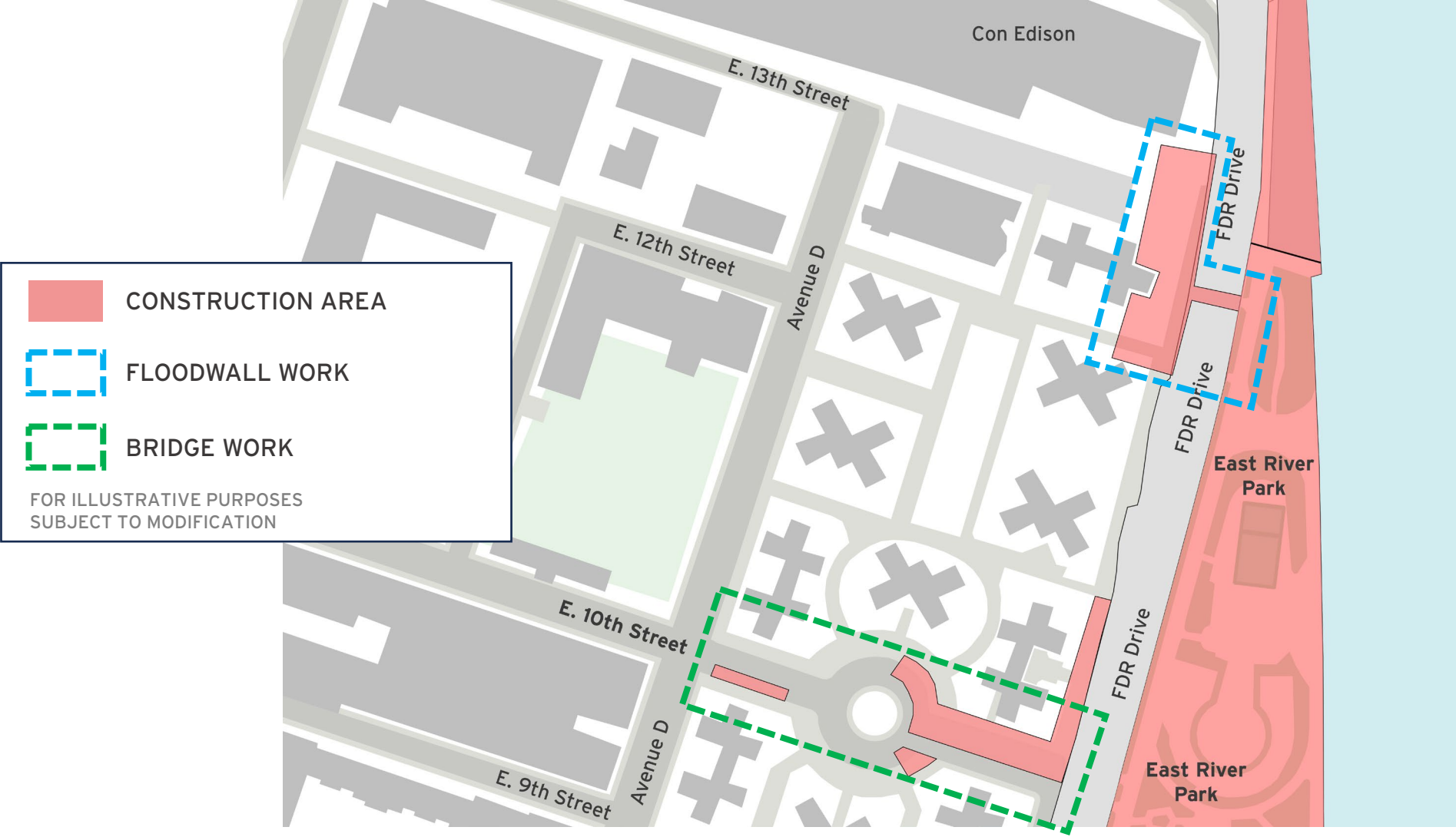
INDICATES ANTICIPATED NIGHT WORK SHIFTS

Weekly Bulletins & Advisories are issued with construction activities.

Saturday work is anticipated for some work operations.



Upcoming Work in Vicinity of NYCHA Riis



PA1 | Pile Installation Overview

ALL WORK IS SUBJECT TO CHANGE

Pile Installation

UTILIZING MULTIPLE INSTALLATION STRATEGIES TO REDUCE IMPACT ON COMMUNITY

ALL WORK IS SUBJECT TO CHANGE
VIDEOS ARE FOR ILLUSTRATIVE PURPOSES

HIGH (impact/hammer)



Example of impact hammer pipe pile installation, via
<https://www.youtube.com/shorts/avgWzm1MXpA>

MEDIUM (vibratory)



Example of vibratory sheet pile installation, via
<https://www.youtube.com/watch?v=A47OAosNnG4>

LOWER (drilling)



Example of drilled/micropile installation, via
<https://www.youtube.com/watch?v=a8VNRzrwyIU>

E. 10th Street Bridge Construction

E. 10th St. Bridge Construction | Renderings

ALL WORK IS SUBJECT TO CHANGE



Similar structures already installed and open at Delancey Street South and Corlears Hook Park

E. 10th St. Bridge Construction | Renderings

ALL WORK IS SUBJECT TO CHANGE



New bridge will be **fully accessible**
and ADA-compliant

E. 10th St. Bridge Construction | Renderings

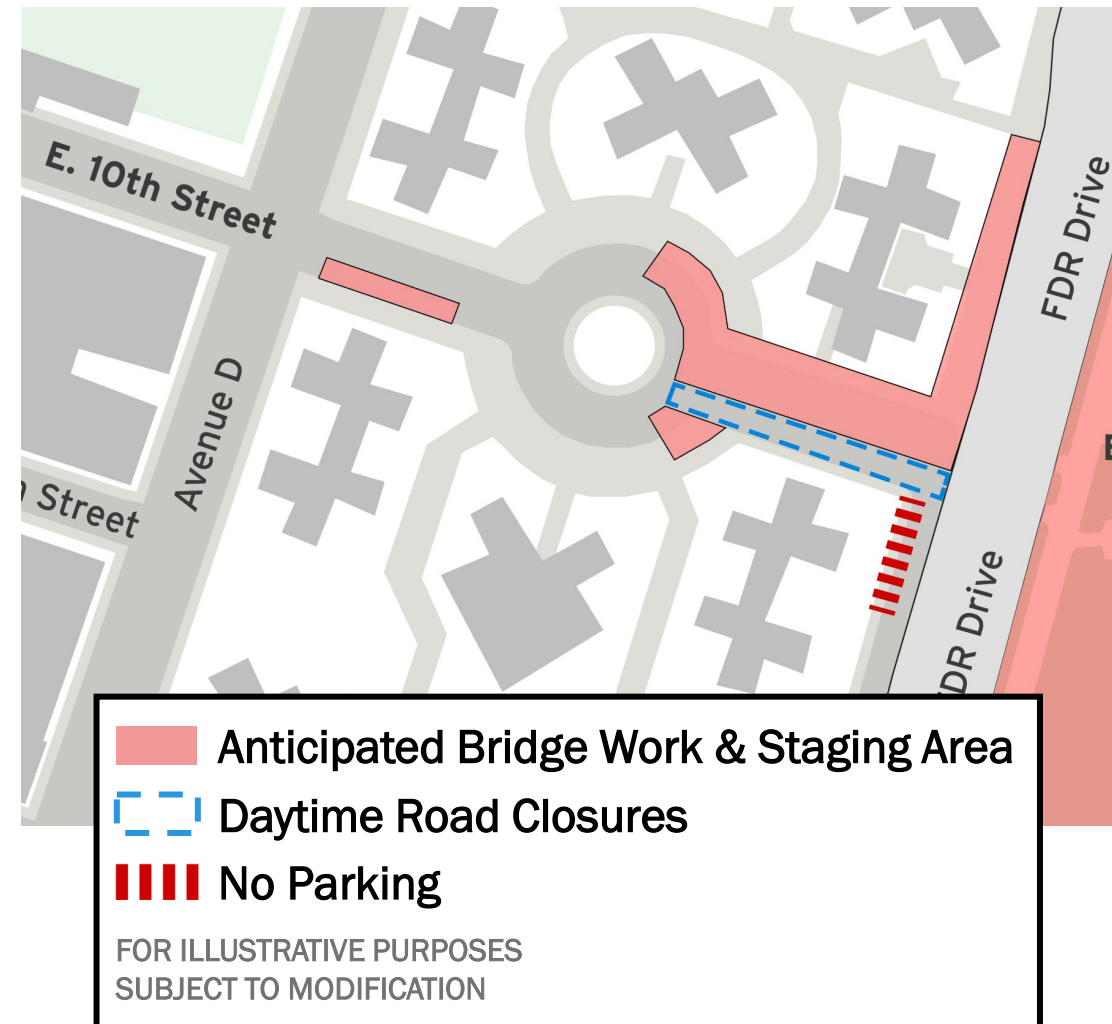
ALL WORK IS SUBJECT TO CHANGE



E. 10th St. Bridge Construction

ALL WORK IS SUBJECT TO CHANGE

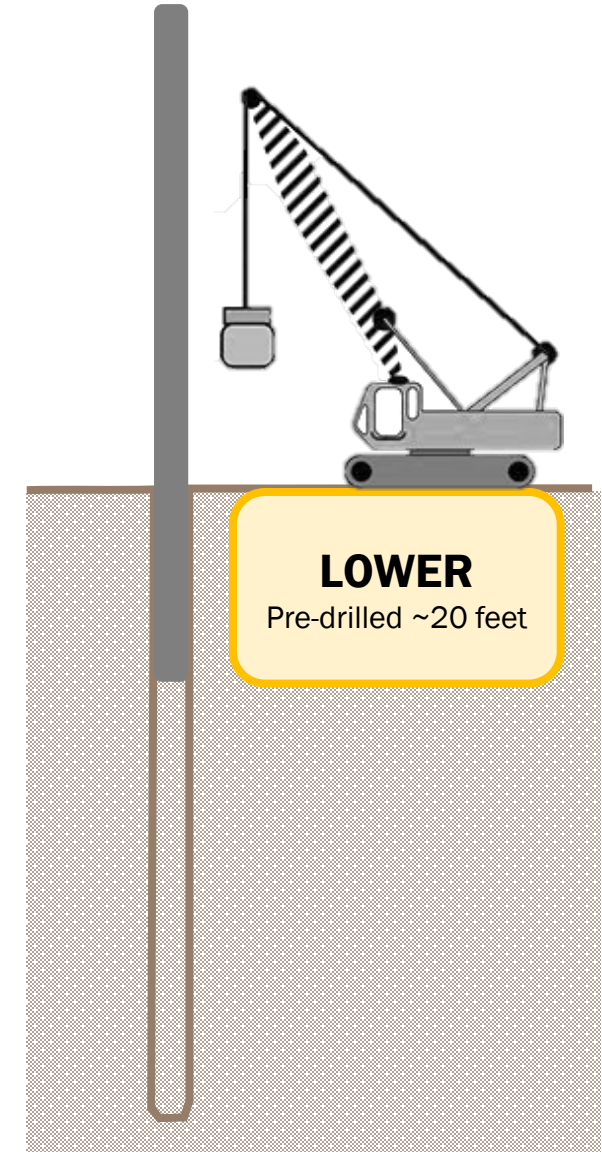
- Construction phasing (approx. 12-14 months total):
 1. Work and staging area mobilization (complete)
 2. Daytime installation of ramp and abutment piles
 - Biggest noise/vibration impact to residents
 - Pile installation hours: 7am to 6pm
 - Anticipated to continue into early October.
 - This will be a noisy & disruptive operation, but mitigation strategies are being employed (see next slides).
 3. Assembly of bridge on E. 10th Street (~2 months)
 4. Bridge placement (1 night)
 5. Construction of ramps (~6-7 months)



E. 10th St. Bridge Construction

ALL WORK IS SUBJECT TO CHANGE

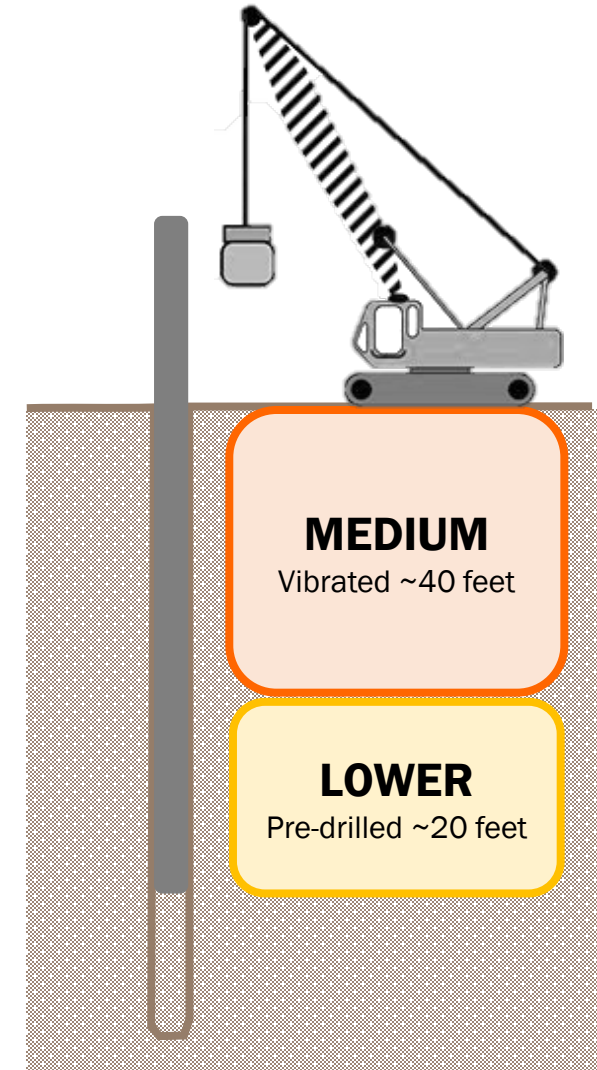
To reduce impact on residents, bridge piles will be pre-drilled and vibrated, leaving the final feet to impact installation.



E. 10th St. Bridge Construction

ALL WORK IS SUBJECT TO CHANGE

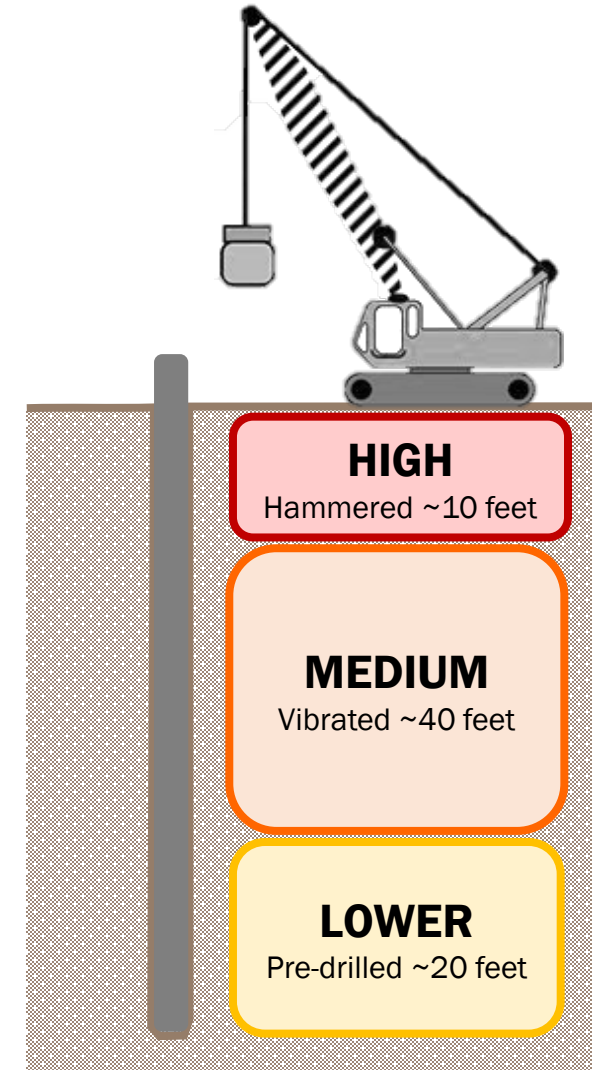
To reduce impact on residents, bridge piles will be pre-drilled and vibrated, leaving the final feet to impact installation.



E. 10th St. Bridge Construction

ALL WORK IS SUBJECT TO CHANGE

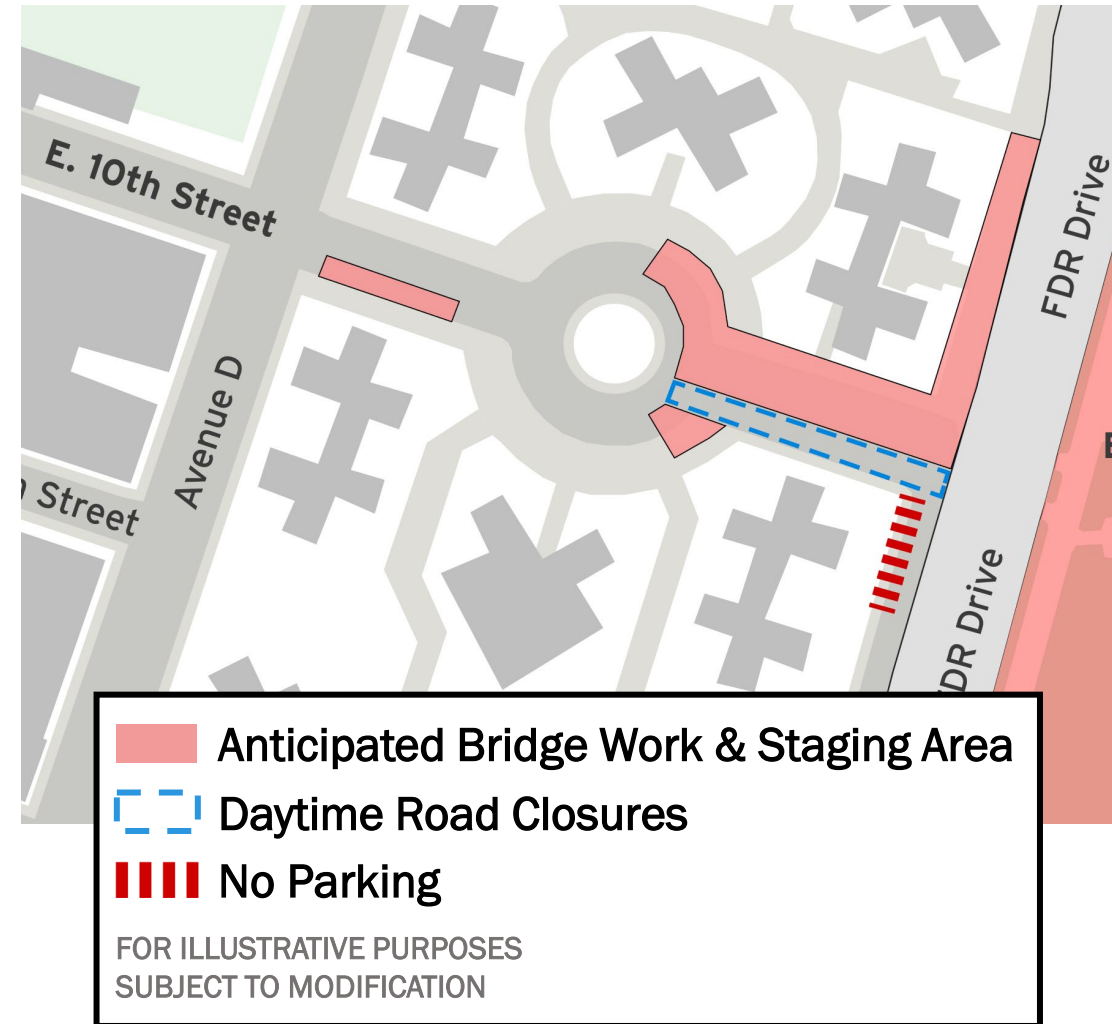
To reduce impact on residents, bridge piles will be pre-drilled and vibrated, leaving the final feet to impact installation.



E. 10th St. Bridge Construction

ALL WORK IS SUBJECT TO CHANGE

- Building access will be maintained at all times.
- Access to FDR Drive Service Road will be limited during the day (M-F, 7am to 5pm) to ensure safety of public and workers during certain operations, especially bridge assembly.
- Parking at E. 10th Street and FDR Drive Service Road is limited to ensure safe passage of emergency vehicles.



E. 10th St. Bridge Construction: Photos



E. 10th Street bridge pile installation – August 2026

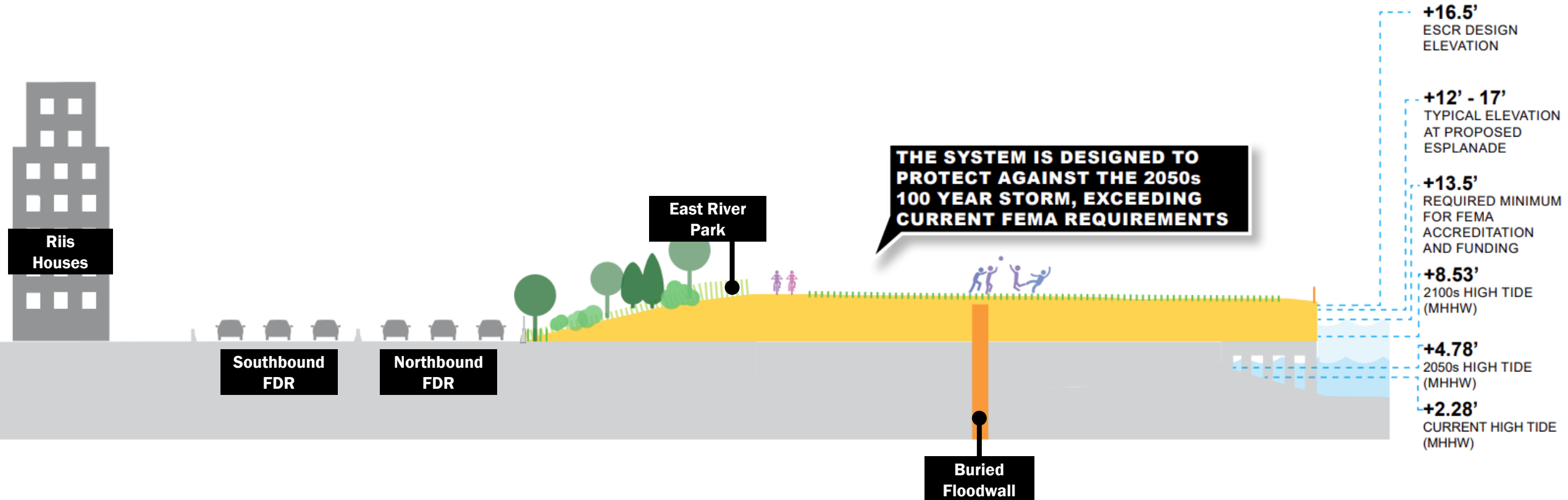


Noise mitigation blankets installed adjacent to bridge work area – August 2026

E. 13th Street Flood Protection | Renderings

E. 13th St. Flood Protection | Rendering

ALL WORK IS SUBJECT TO CHANGE



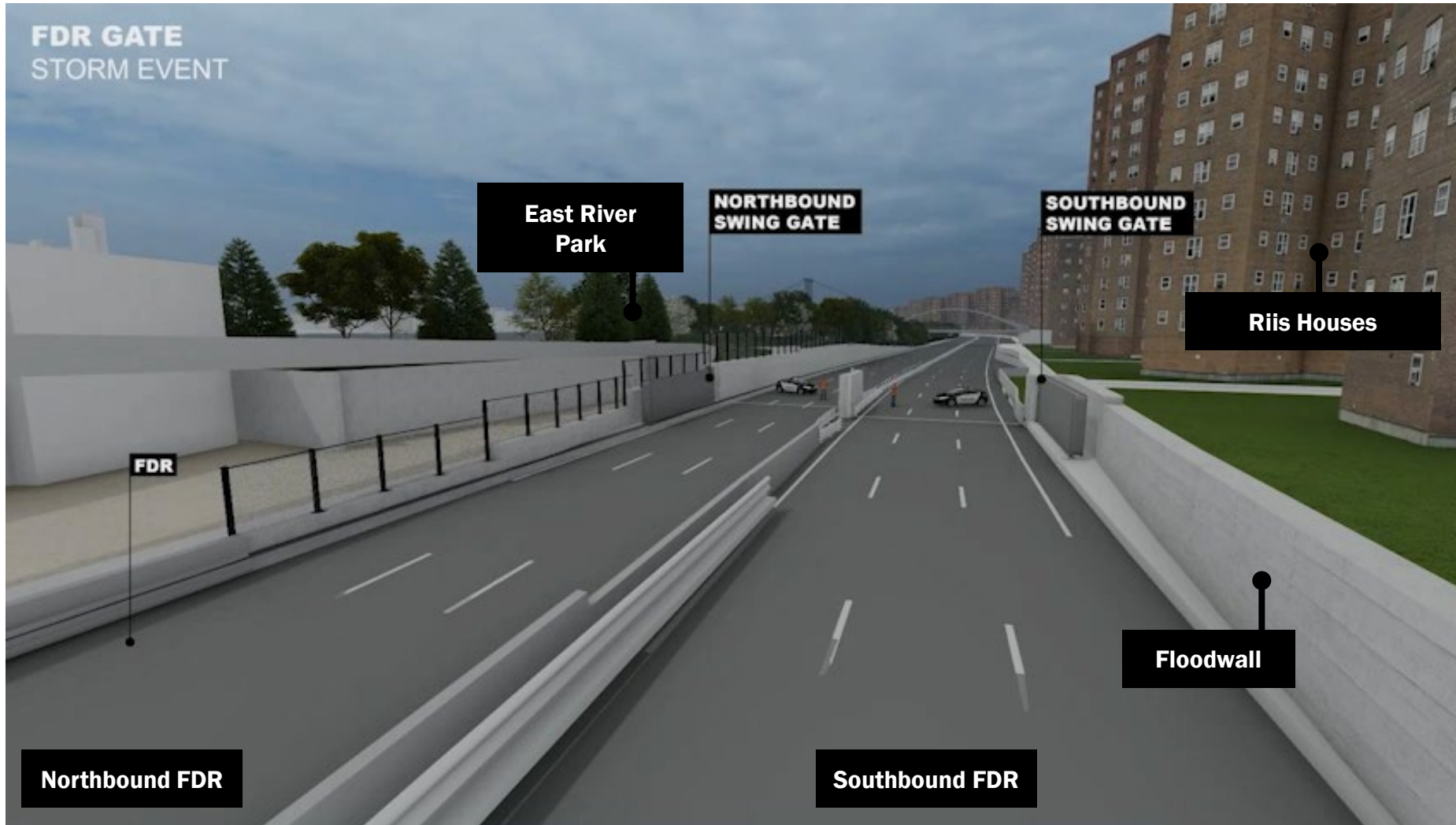
E. 13th St. Flood Protection | Rendering

ALL WORK IS SUBJECT TO CHANGE



E. 13th St. Flood Protection | Rendering

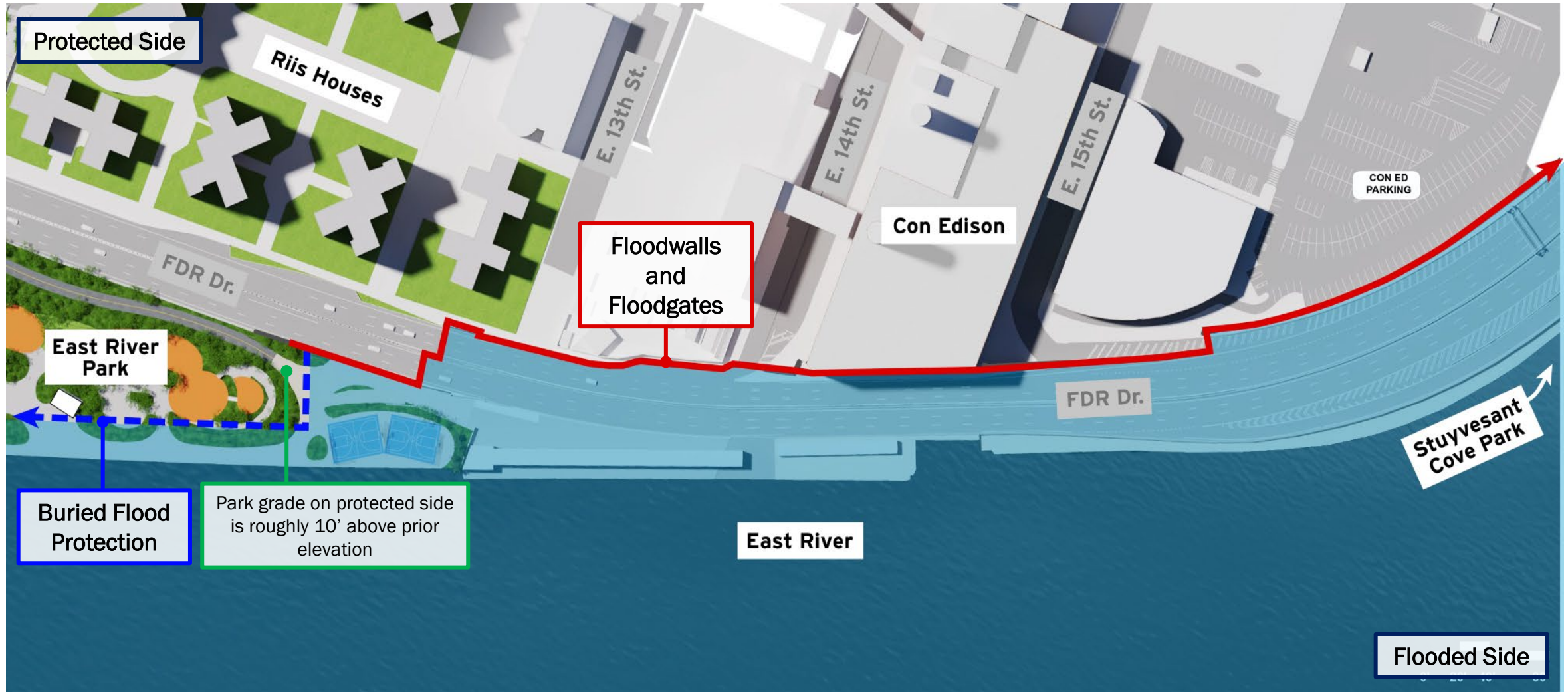
ALL WORK IS SUBJECT TO CHANGE



Animation available here:
<https://on.nyc.gov/3YWQAK1>

E. 13th St. Flood Protection | Rendering

ALL WORK IS SUBJECT TO CHANGE

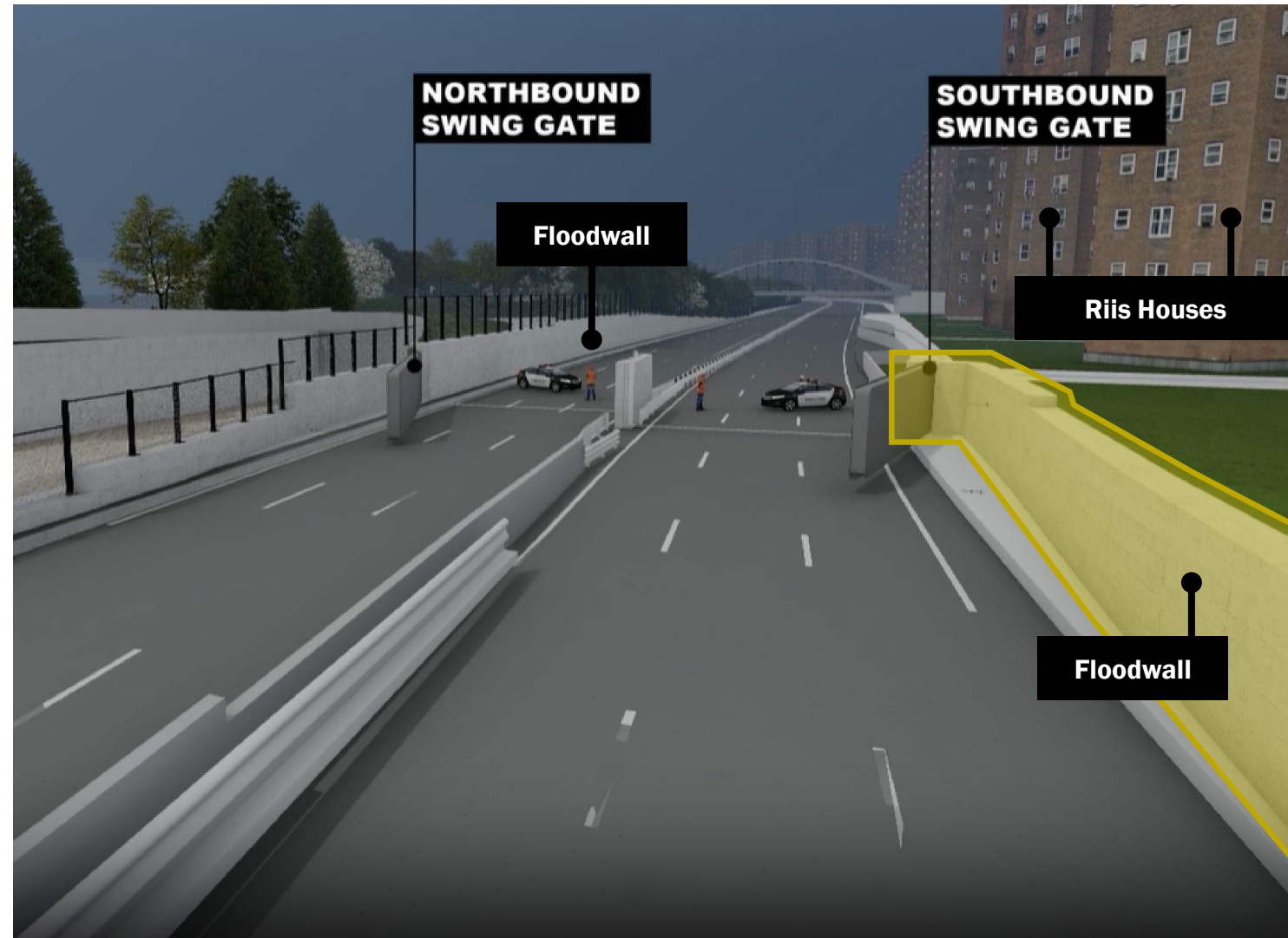


E. 13th Street Flood Protection | Construction

E. 13th St. Flood Protection | Construction

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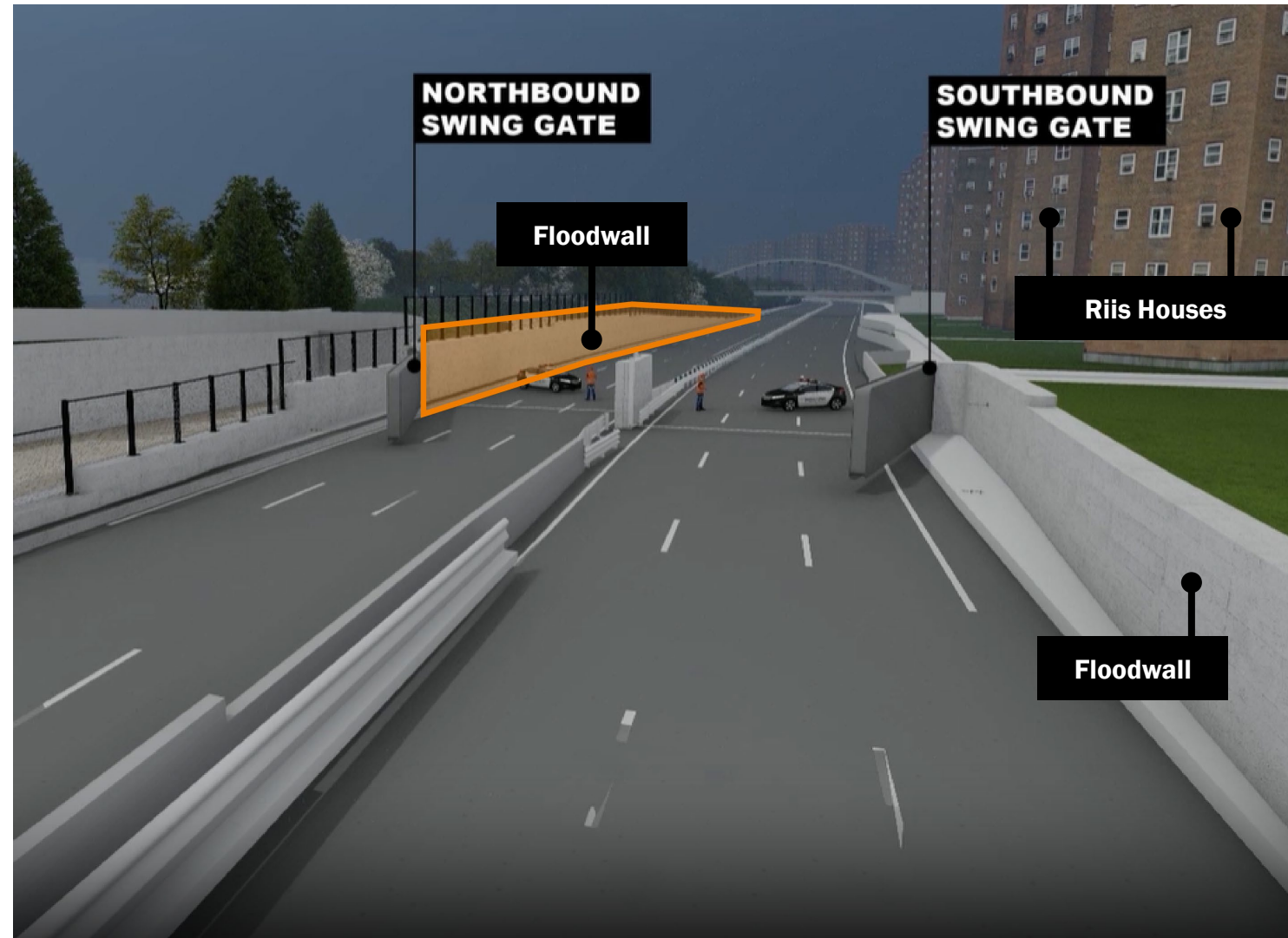
- Underground floodwall infrastructure west of FDR, near Riis, will be **drilled** into the ground.
- Noise level: **LOWER** (lower vibration)



E. 13th St. Flood Protection | Construction

ALL WORK IS SUBJECT TO CHANGE

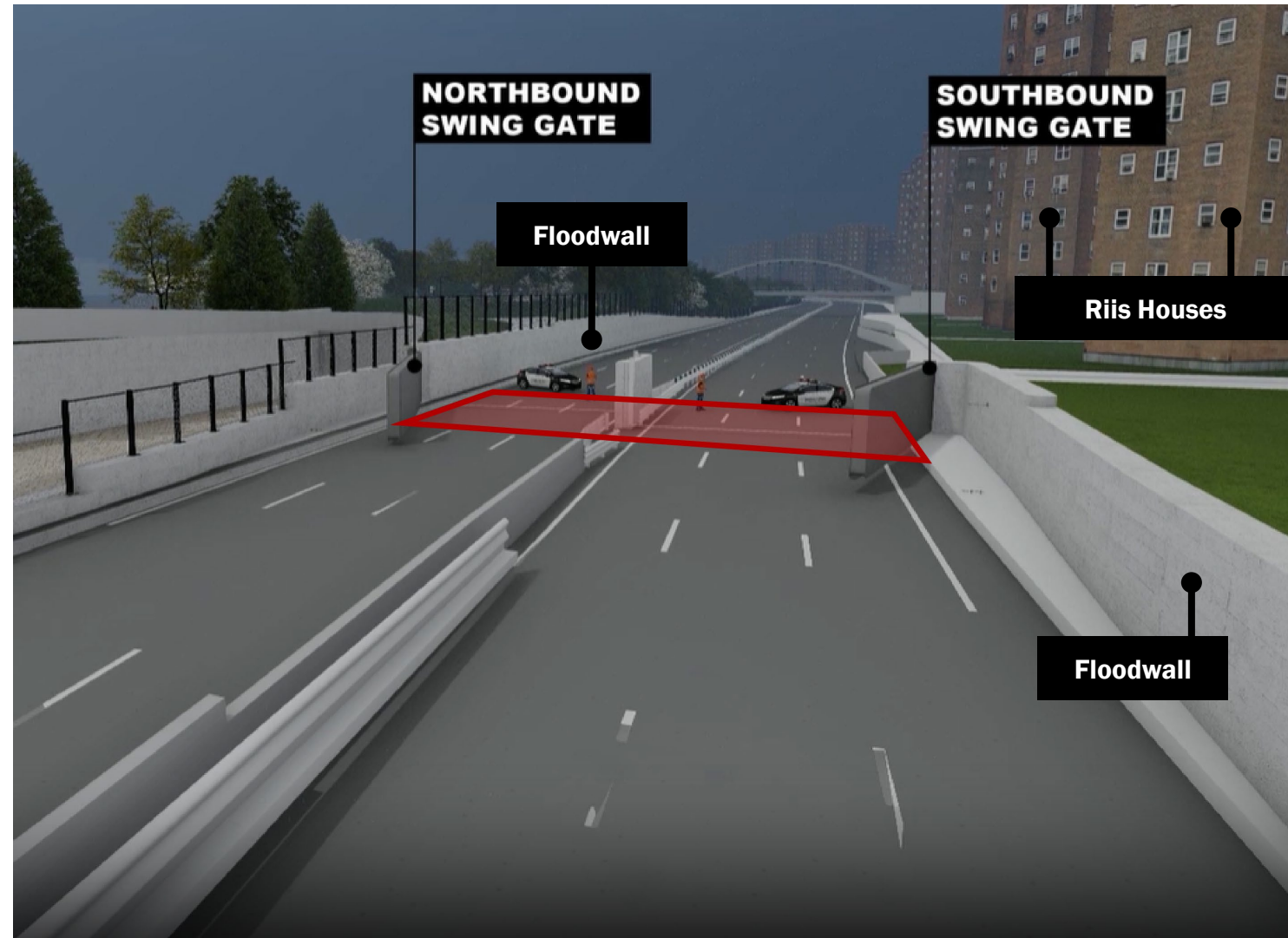
- Underground floodwall infrastructure east of FDR in East River Park will be **vibrated** into the ground.
- Noise level: **MEDIUM** (consistent vibration)



E. 13th St. Flood Protection | Construction

ALL WORK IS SUBJECT TO CHANGE

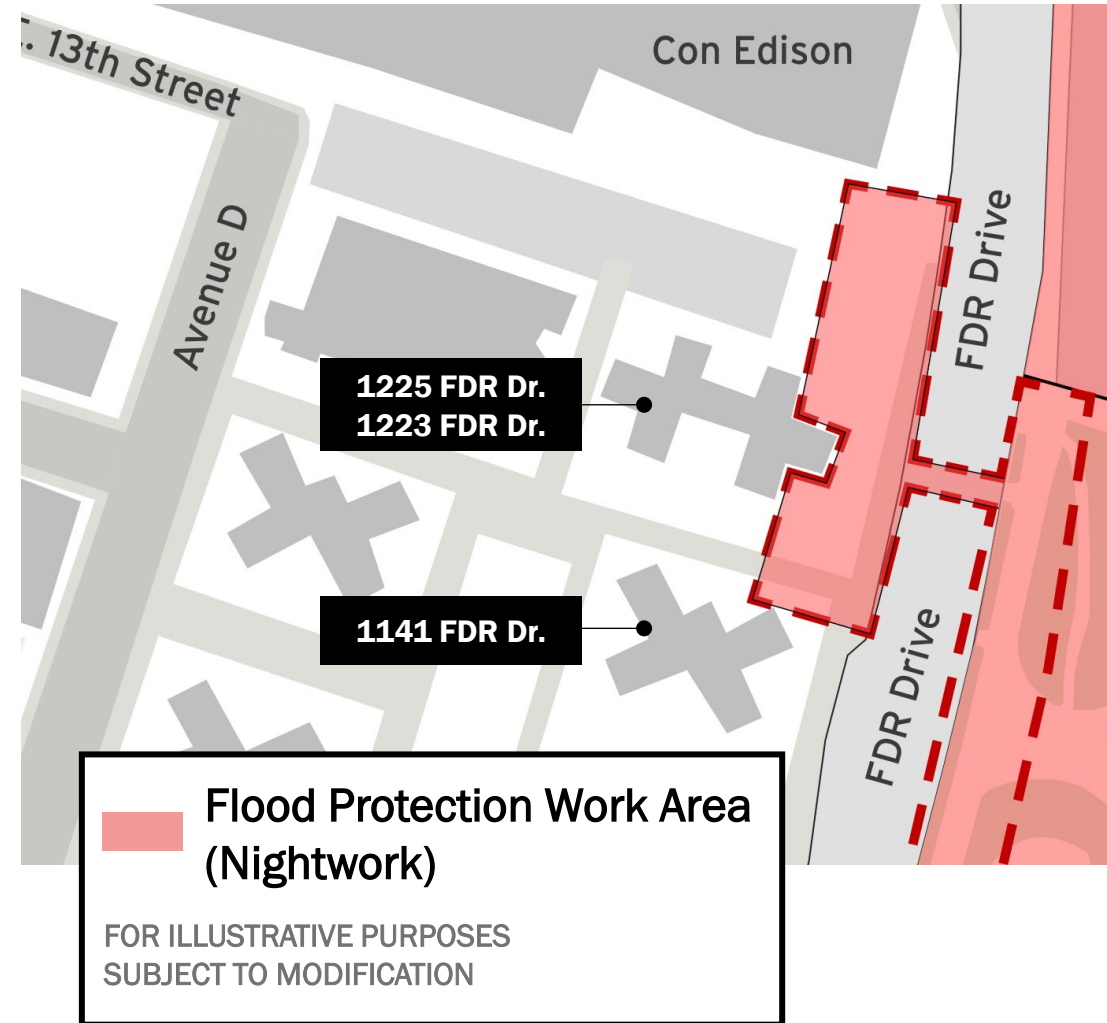
- Underground infrastructure for floodgates crossing the FDR Drive will be **driven**, which is a noisy and disruptive operation.
 - Noise monitors in place and additional mitigation opportunities being explored.
- Noise level: **HIGH (hammering)**



E. 13th St. Flood Protection | Construction

ALL WORK IS SUBJECT TO CHANGE

- Unfortunately, this work is required by DOT to be performed at night
- Anticipated to begin late August, ongoing for approx. two months
 - Timeline heavily dependent on Con Edison coordination
- When dates are confirmed, we will provide as much advance notice as possible via formal advisories and at nyc.gov/escr/nightwork



What We've Heard

East River Park Anchor:

- Anchor was a replica intended to acknowledge the neighborhood's waterfront history.
- Parks Department relocated the anchor to Dyckman Marina.
- We shared residents' request to have the anchor returned to East River Park with the Parks Department.

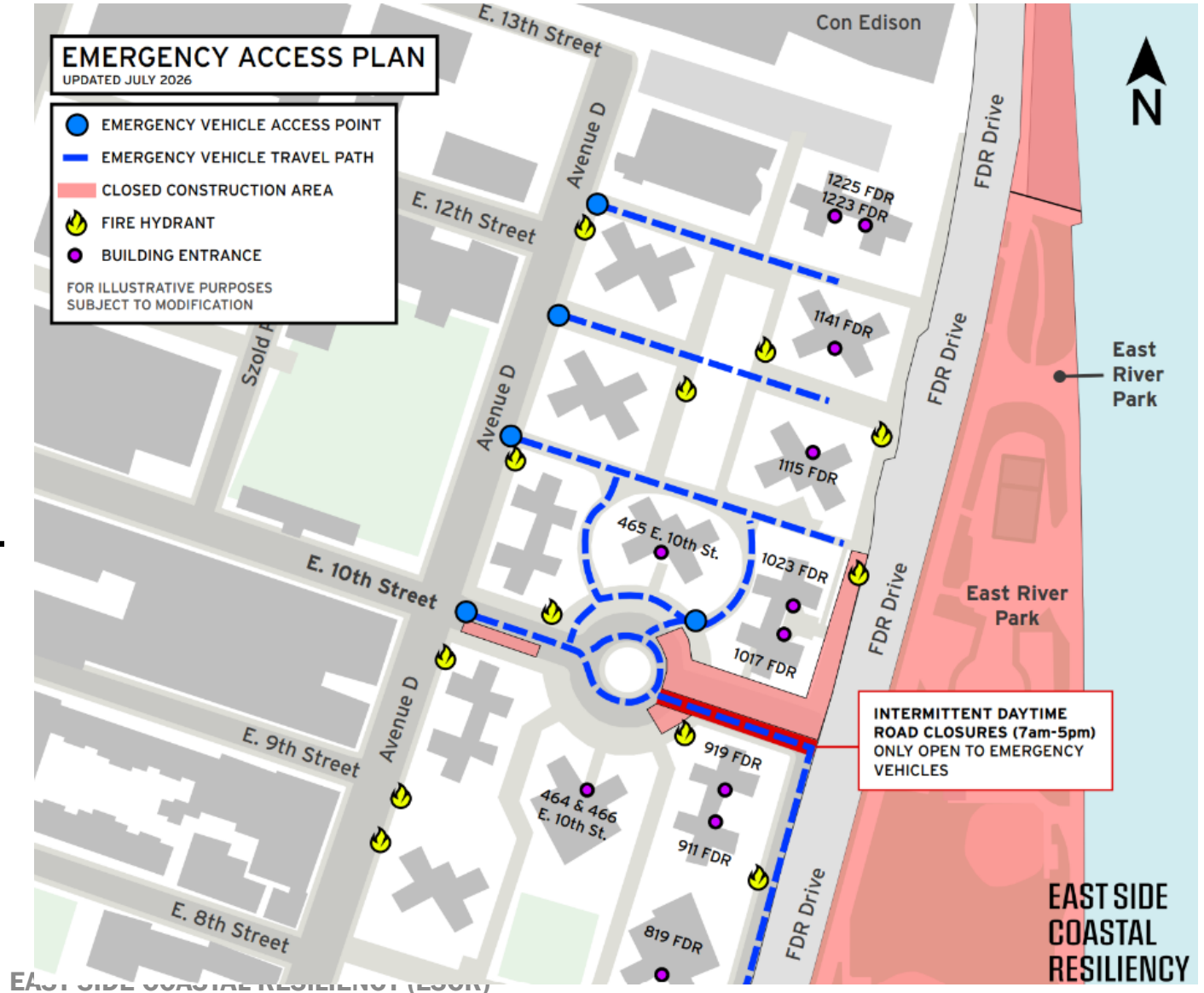
E. 10th Street Road and Pedestrian Conditions During Construction:

- We are looking into existing conditions with the project team and will provide updates as soon as possible.
- Team is assessing adding new signage as requested by Riis TA.
- Ongoing communications with Contractor on appropriate parking areas near E. 10th St.

Emergency Access Plan

ADJACENT TO RIIS HOUSES

Emergency Access Plan (EAP) for bridge assembly has been distributed to local emergency response agencies, NYCHA Riis Management, and posted throughout the area.



East River Park Construction

East River Park Construction: Additional Openings

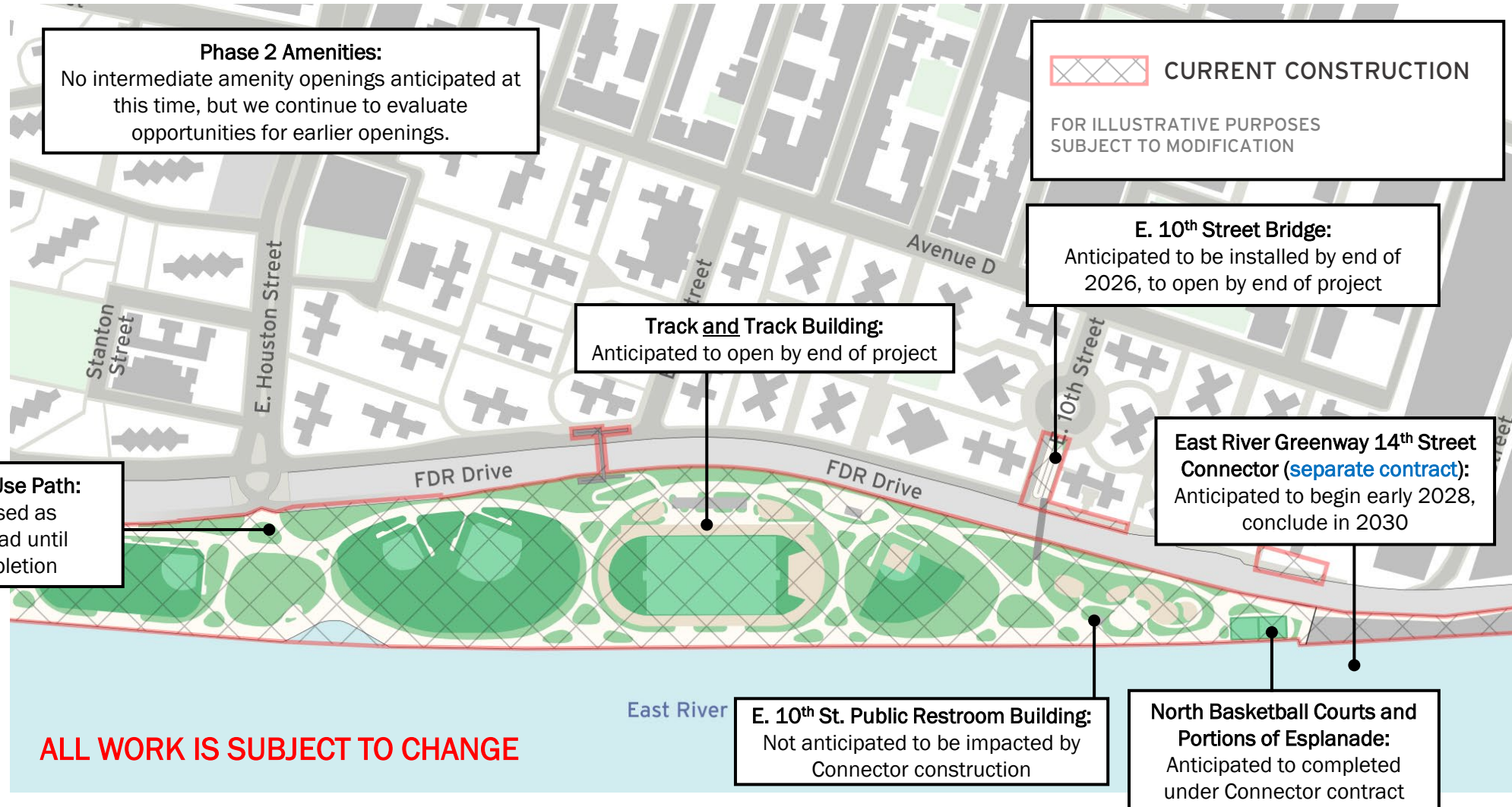
ALL WORK IS SUBJECT TO CHANGE

- Additional pathways and planted areas in southern portion continue opening.
- Tennis Building anticipated to open later this year.
 - Parks M&O area (at Grand Street) anticipated to be handed over to Parks around October 2026.
 - Fields 1 & 2 Public Restroom Building (separate project) anticipated to open by end of year.
- We will continue exploring opportunities for additional openings before the project is complete.



East River Park Construction: Anticipated Timelines

SUBJECT TO CHANGE



East River Park Construction: Photos



New portion of esplanade opened adjacent to north tennis courts – August 2026



New pathway opened near Corlears Hook Ferry Terminal – August 2026

East River Park Construction: Photos



E-Crane loading clean fill via barge onto site – August 2026



Buried floodwall (left), tie rods (middle), bulkhead wall (right) – August 2026

Environmental Monitoring

Noise & Nightwork

ALL WORK IS SUBJECT TO CHANGE

- Noise monitors are on site and operating 24/7.
- If you have concerns regarding noise, **videos, timestamps, and/or specific locations are especially helpful** as we identify which operations are causing disruptions.
- We are required to perform work adjacent to the FDR Drive overnight due to DOT permits. **We anticipate overnight noise in this area to increase in the months ahead.**
- In service of this work, equipment may need to move throughout the site, and we are unable to disable backup alarms for workers' safety.
- We will continue working to minimize unnecessary noisy overnight work in East River Park.

Vibration Monitoring

ALL WORK IS SUBJECT TO CHANGE

- Vibrations at critical structures, including NYCHA Riis, 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
- Pre-construction photos, walkthroughs with NYCHA, and settlement monitoring also ensure construction is not damaging structures

While vibrations can be unsettling to people, buildings are designed to withstand a high degree of vibration



Example of
Vibration Monitor

Similar Activities

ALL WORK IS SUBJECT TO CHANGE

Similar work activities have been performed throughout PA1 without damaging structures.



Working in close proximity to
Gouverneur Gardens

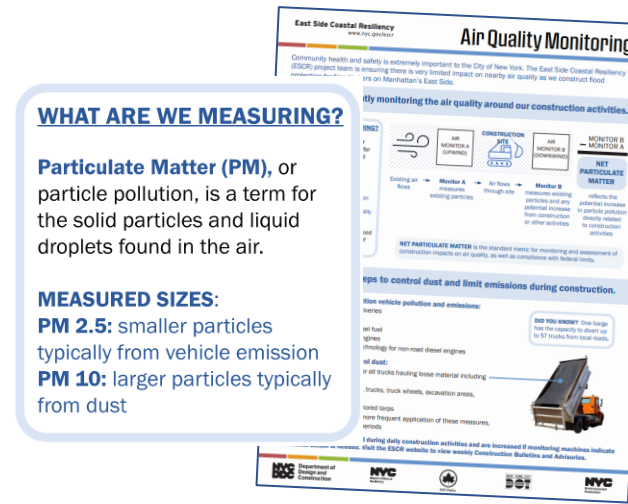


Pile installation for
Delancey St. Bridge

Air Quality Monitoring (AQM)

ALL WORK IS SUBJECT TO CHANGE

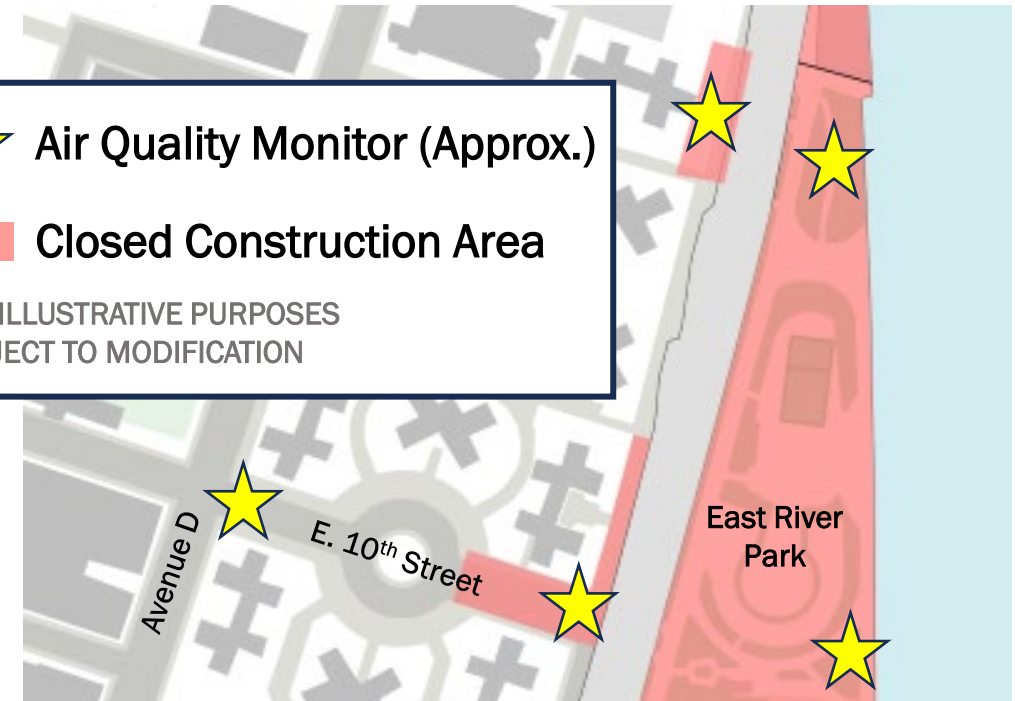
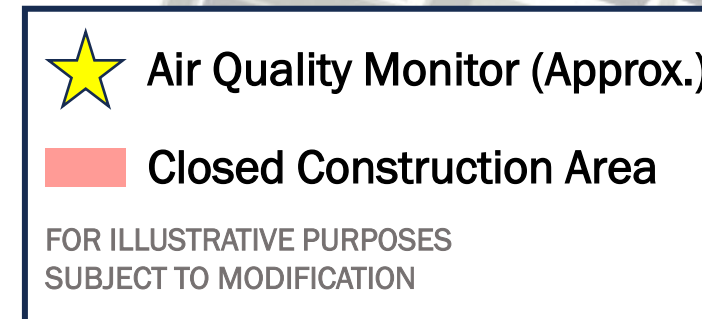
- Air quality monitors are active **24 hours/day, 7 days/week**
- The project follows all federal, state and local guidelines. To date, construction activities have not exceeded National Ambient Air Quality Standards
- Monitoring machines are on site to measure particles from construction vehicle emissions and dust as well site conditions such as wind speed and temperature
- Dust mitigation measures applied each time construction activities caused an alert
- Multiple air quality monitors in vicinity of Riis Houses
- Environmental monitoring reports are posted to our website: <https://on.nyc.gov/4brlXjG>



Factsheets available on website in multiple languages



Example of Air Quality Monitor



PA1 AQM | July 2026 Update

The PM daily value (24-hour TWA) did 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>Ubicación</i> <i>位置</i>	PM Size <i>PM Tamaño</i> <i>颗粒物尺寸</i>	Date / Fecha / 日期 <i>BOLD = net exceedances 加粗 = 净超标</i> <i>DESTACADO= superaciones netas</i>	Alert Duration (<i>minutes</i>) <i>Duración de Aviso (minutos)</i> <i>预警持续时间 (分钟)</i>	Cause <i>Causa</i> <i>原因</i>	Mitigation <i>Mitigación</i> <i>减缓措施</i>
Montgomery Street to Delancey Street (AQM-6, AQM-CHR)	PM 2.5	7/11 7/15, 7/16, 7/17 and 7/18	11 334 to 1,076	•Offsite Activities •Canadian Wildfire Smoke (NYSDEC Air Quality Advisory Alerts)	•None •None
	PM 10	N/A	N/A	•N/A	•N/A
Delancey Street to East Houston Street (AQM-4, AQM-WBN)	PM 2.5	7/15, 7/16, 7/17 and 7/18 7/24 and 7/25	301 to 1,083 1 to 15	•Canadian Wildfire Smoke (NYSDEC Air Quality Advisory Alerts) •Offsite Activities	•None •None
	PM 10	N/A	N/A	•N/A	•N/A
East Houston Street to East 6 th Street (AQM-3, AQM-5)	PM 2.5	7/10, 7/13, 7/24 and 7/25 7/14, 7/15, 7/16, 7/17 and 7/18 7/27	4 to 73 76 to 652 3	•Offsite Activities •Canadian Wildfire Smoke (NYSDEC Air Quality Advisory Alerts) •Construction Activities	•None •None •None (Welding Activities)
	PM 10	7/10, 7/13, 7/24, 7/25 and 7/27 7/14 and 7/16	7 to 55 16 to 75	•Construction Activities •Offsite Activities	•Dust Mitigation •None
East 6 th Street to East 10 th Street (AQM-TH, AQM-THR, AQM-7)	PM 2.5	7/15, 7/16, 7/17 and 7/18 7/2	253 to 746 7	•Canadian Wildfire Smoke (NYSDEC Air Quality Advisory Alerts) •Construction Activities	•None •Dust Mitigation
	PM 10	7/2	4	•Construction Activities	•Dust Mitigation
★ East 10 th Street to East 14 th Street (AQM-10S, AQM-10SR, AQM-8, AQM-1, AQM-2)	PM 2.5	7/4 7/15, 7/16, 7/17 and 7/18	6 275 to 970	•Offsite Activities •Canadian Wildfire Smoke (NYSDEC Air Quality Advisory Alerts)	•None •None
	PM 10	N/A	N/A	•N/A	•N/A

Air Quality Monitoring (AQM)

ALL WORK IS SUBJECT TO CHANGE

1. We are constantly monitoring the air quality around our construction activities.

WHAT ARE WE MEASURING?

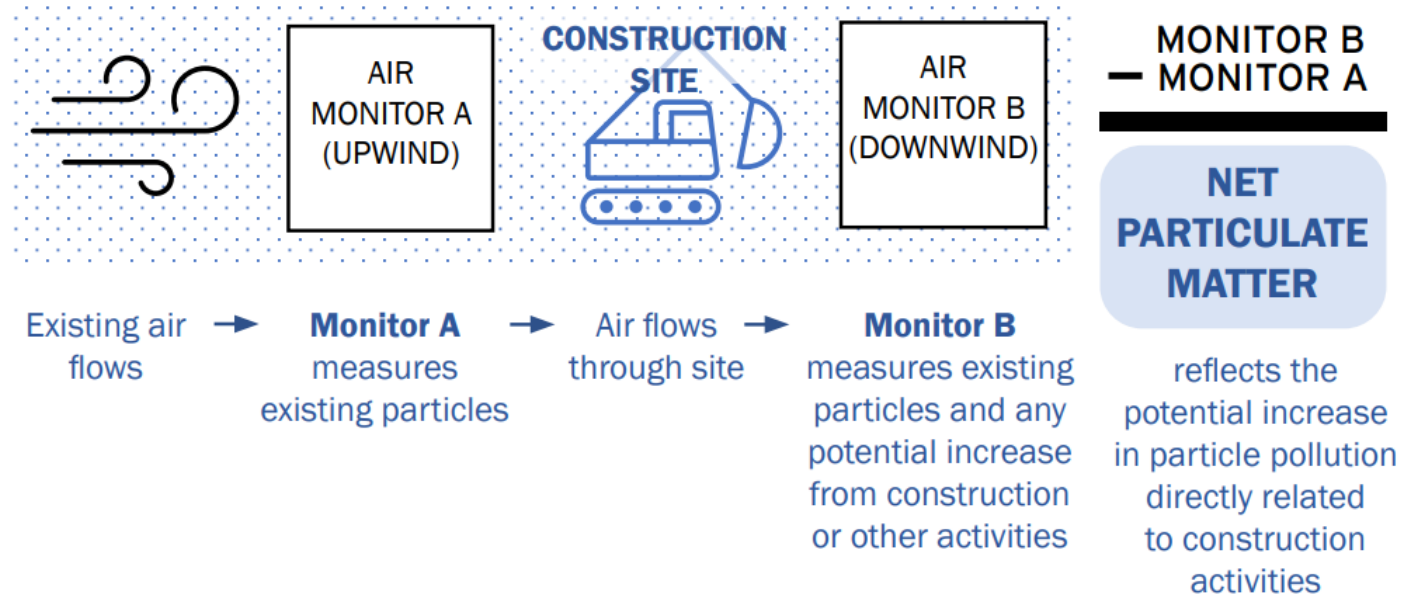
Particulate Matter (PM), or particle pollution, is a term for the solid particles and liquid droplets found in the air.

MEASURED SIZES:

PM 2.5: smaller particles typically from vehicle emission

PM 10: larger particles typically from dust

Monitoring machines are placed strategically along the edge of active construction activities.



NET PARTICULATE MATTER is the standard metric for monitoring and assessment of construction impacts on air quality, as well as compliance with federal limits.

Air Quality Monitoring (AQM)

ALL WORK IS SUBJECT TO CHANGE

2. We are taking steps to control dust and limit emissions during construction.

Steps to reduce construction vehicle pollution and emissions:

- Use barging for large deliveries
- Restrict truck idling time
- Use Ultra-Low Sulfur Diesel fuel
- Minimize use of diesel engines
- Use the best available technology for non-road diesel engines

DID YOU KNOW? One barge has the capacity to divert up to 57 trucks from local roads.

Steps to reduce and control dust:

- Cover and secure loads for all trucks hauling loose material including sand and dirt
- Use water spray for roads, trucks, truck wheels, excavation areas, and stockpiles
- Cover stockpiles with anchored tarps
- Use extra care, including more frequent application of these measures, during dry and high wind periods



These steps are implemented during daily construction activities and are increased if monitoring machines indicate additional action is needed. Visit the ESCR website to view weekly Construction Bulletins and Advisories.

Air Quality Monitoring (AQM)

ALL WORK IS SUBJECT TO CHANGE

3. We are guided by federal air quality standards.

Through careful monitoring with real-time alerts, our team knows when we need to take additional measures during construction to protect air quality for residents.

- The Environmental Protection Agency (EPA) sets National Ambient Air Quality Standards which define regulatory limits to protect public health called **Permissible Exposure Levels (PEL)**.
- The ESCR Team and Environmental Specialists receive **real-time alerts** when Particulate Matter (PM) numbers approach an **Action Level**, which is set below the permissible exposure level.
- If it is determined that the construction is not meeting the standards set by oversight agencies, work will be halted and further assessed to assure protection to residents and park users.

The EPA has set a **24-hour time weighted average (TWA)** as standard for evaluating the particle pollution levels, meaning that they average potential exposure to particulate matter over a 24-hour period.

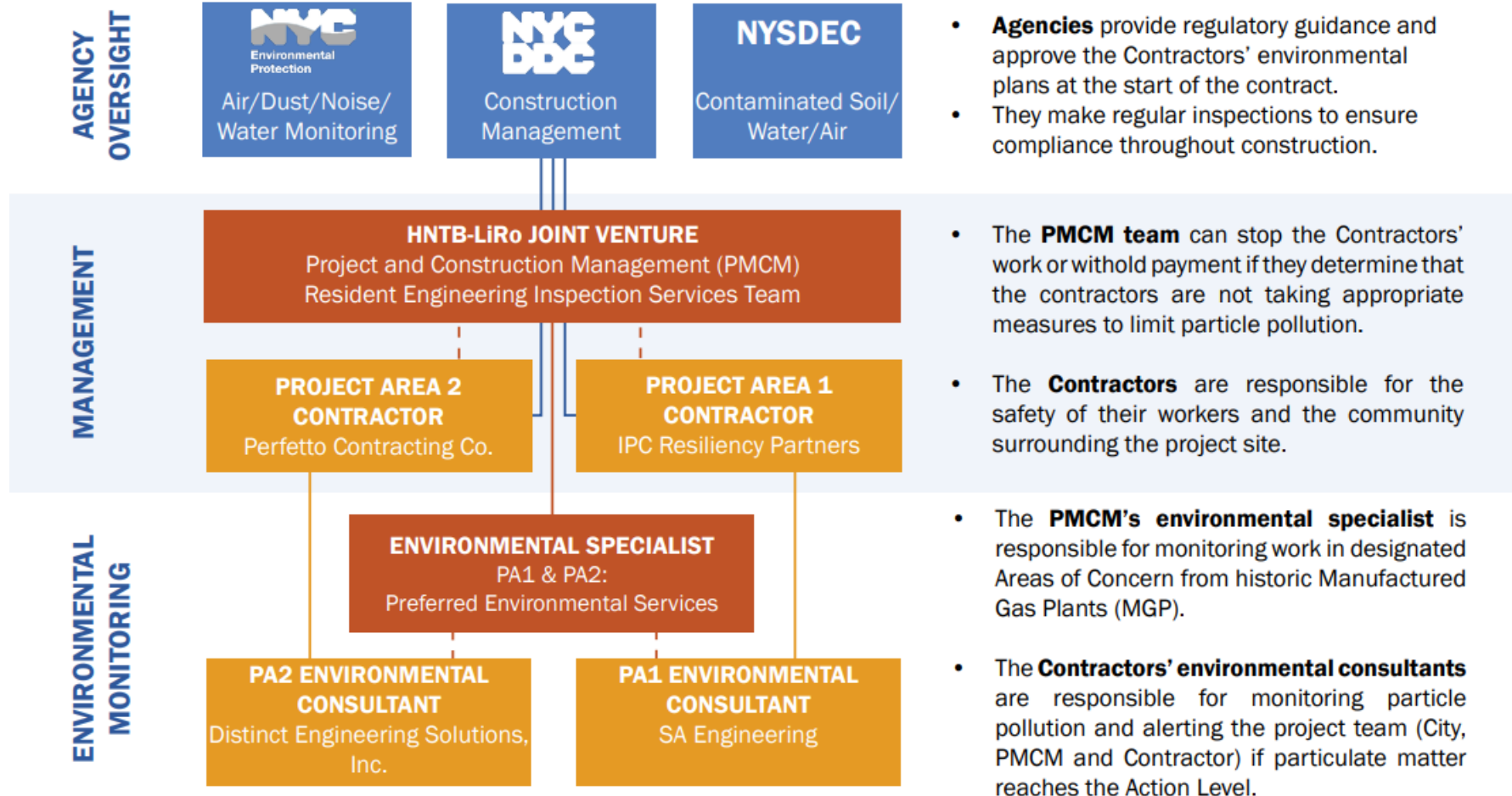
The ESCR project evaluates air quality at **15-min TWA intervals**, meaning we average exposures over 15-minute periods. This more conservative approach will help the ESCR team to monitor the project's effect on air quality more closely.



Air Quality Monitoring (AQM)

ALL WORK IS SUBJECT TO CHANGE

4. Environmental oversight is multi-tiered with checks & balances.



Call for Art 2026



Call for Art panels displayed at E. Houston Street, 2024

Call for Art 2026

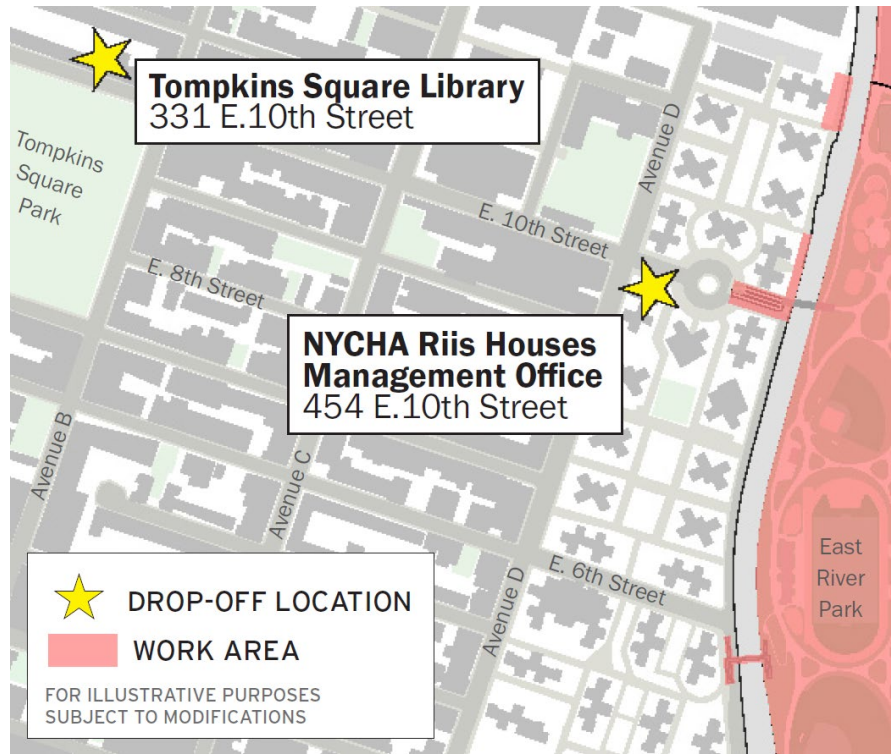
- Invitation for community members to submit visual artwork to be printed on construction fencing, **with an emphasis towards residents of NYCHA Riis.**
- Themes:
 - What stories, cultures, and identities make NYC's waterfront unique?
 - What does climate resiliency mean to you?
- Email ESCRCL1@ddccr.com to make digital submission or arrange a pick-up; or submit at a drop-off location
- **Drawing sheets will be available at Riis Family Day!**
- Flyers available in English, Spanish, and Chinese
- **Deadline for submissions: October 16, 2026**



**Call for Art website:
on.nyc.gov/4egUBPI**



Call for Art 2026



Call for Art website:
on.nyc.gov/4egUBPI



Riis Management Office Drop Box



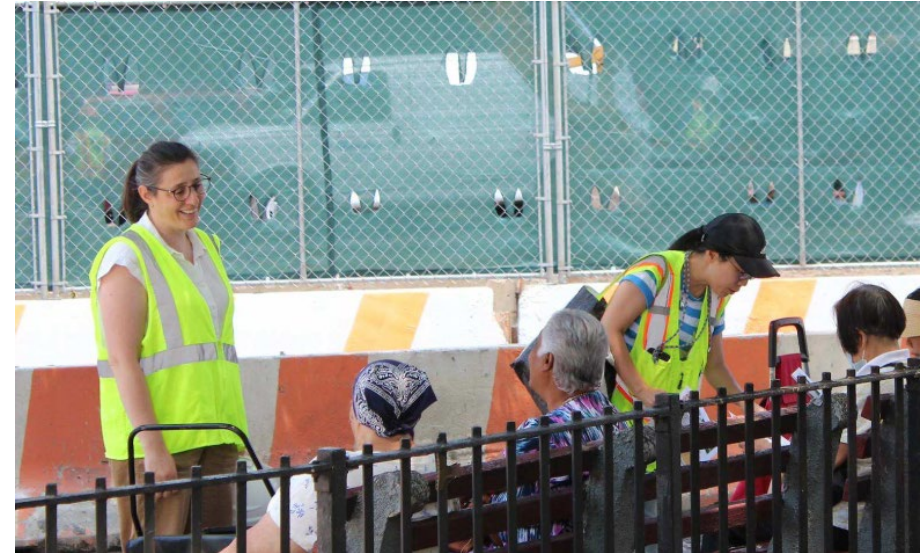
Tompkins Square Library Drop Box*
(library temporarily closed through August)

Additional Construction Resources

Additional Construction Resources

ALL WORK IS SUBJECT TO CHANGE

- Engagement team will be at August 29 Family Day and September 8 TA Meeting.
- Virtual meetings for Riis residents will be held on the **second Thursday of every month at 11am** until further notice, beginning September 10.
- Latest Riis recordings, slide translations, and updates will be posted to our website: nyc.gov/escr/nightwork
 - All community presentation can be found here: <https://www.nyc.gov/site/escr/project-updates/presentations.page>
- The Community Engagement team also frequently flyers in the area, including on Pantry Days.
- Please share this information with your family, friends, and neighbors.



Flyering at Riis, July 2026



Community Event at E.10th St , August 2026

Additional Construction Resources

ALL WORK IS SUBJECT TO CHANGE

- Scan the QR code or visit the webpage to the right for the latest information on our work and links to our monthly Zoom meetings. We are always updating our materials as we learn more.
- The Community Engagement team will attempt to provide as much advance notice of nightwork as possible on this webpage.
- Schedules are subject to change based on field conditions, machine availability, and other factors, including some which are out of our control, so times & dates posted to the website are not guarantees.
- We apologize for the disruption and appreciate your patience as we complete this critical work.



The screenshot shows the 'Nightwork Near Riis Houses' webpage. The header includes the NYC logo, the project name 'The East Side Coastal Resiliency Project', a language selector for Korean, and a search bar. The main navigation bar has links for Home, About, Project Updates (which is highlighted), Community Engagement, and Contact. The page title is 'Nightwork Near Riis Houses'. On the left is a sidebar with links to PA1, PA2, and PC Construction Notices; Construction Milestones; Environmental Monitoring; Presentations; Newsletters; Project Factsheets; and a Gallery. The main content area has a section for 'Upcoming & Current Work Near Riis' with a paragraph about upcoming meetings. Below that is 'Anticipated Nightwork Schedule Near Riis' with a paragraph about the schedule being approximate and subject to change. Further down is 'Upcoming Q&A Opportunities' with a paragraph about virtual sessions and a list of meeting details for Tuesday, March 17th, including a Zoom link, meeting ID, and a phone number. At the bottom of the page is a blue button with the text 'nyc.gov/escr/nightwork (OR SCAN BELOW)'. To the right of the button is a small text string '?signature=kge-'.



Upcoming Community Meetings

ALL WORK IS SUBJECT TO CHANGE

Community Advisory Group (CAG) #72 (Written)

- Around Thursday, August 27
- [Website: CAG page](#)

NYCHA Riis Family Day

- Saturday, August 29

NYCHA Riis TA Meeting

- Tuesday, September 8 at 6:00pm

Virtual ESCR Update for Riis

- Tuesday, September 10 at 11:00am
- [Website: nyc.gov/escr/nightwork](https://nyc.gov/escr/nightwork)

CB3 Parks Committee Meeting

- Thursday, September 10 at 6:30pm



PA1 | Questions? ¿Preguntas? 问题?

ESCR Inquiry Tool



nyc.gov/escr/contact

E. 10th Street community notification board located at southern edge of traffic circle



Community Construction Liaisons (CCLs)

- Vanessa Gomez #(347) 628-8724
 - Preguntas en español son bienvenidas
- Pauline Chan #(929) 717-9015
 - 欢迎中文咨询
- Email: ESCRCL1@ddccr.com