

East Side Coastal Resiliency Construction Update

NYCHA Riis
September 2026



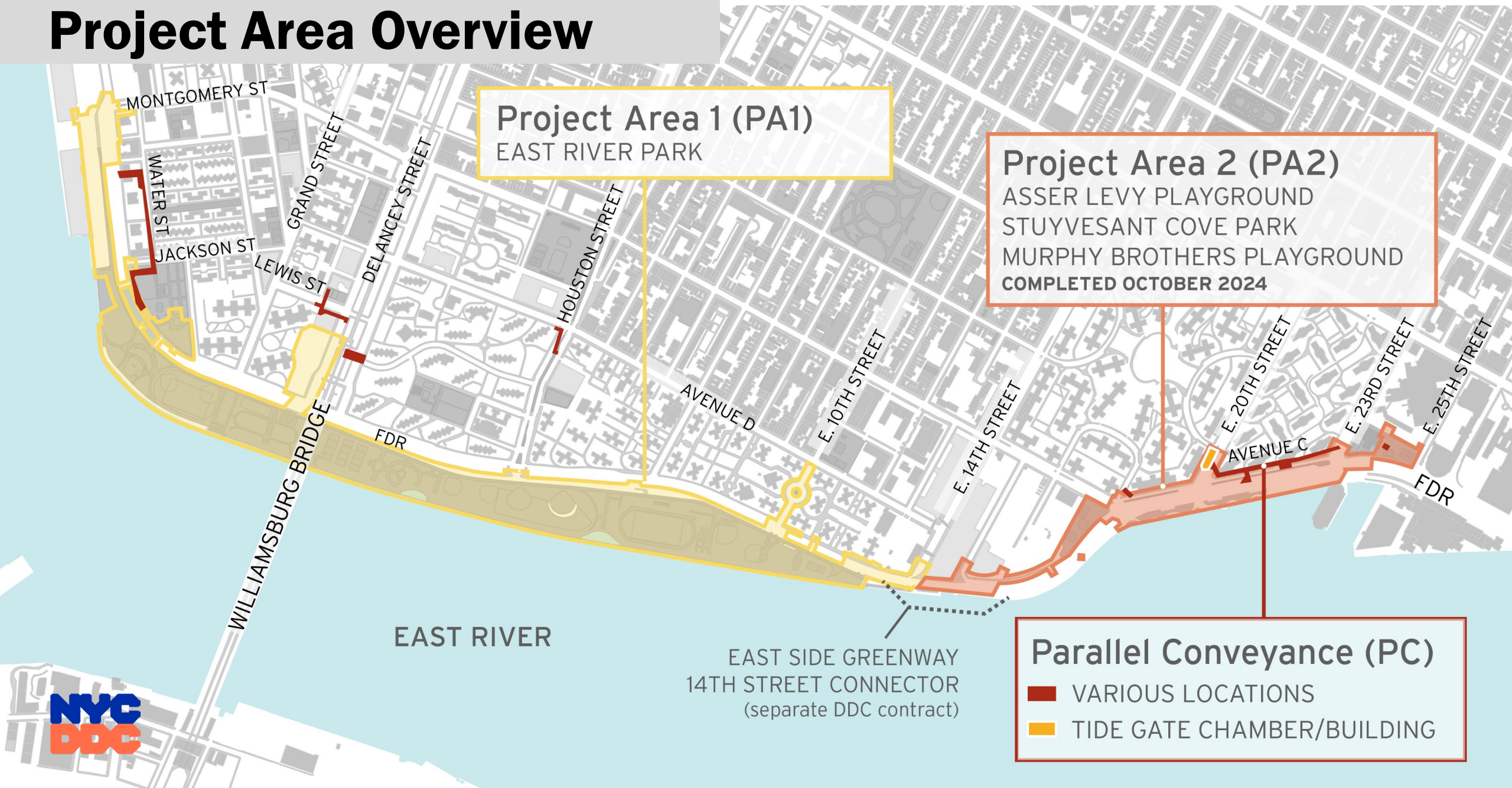
Agenda

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

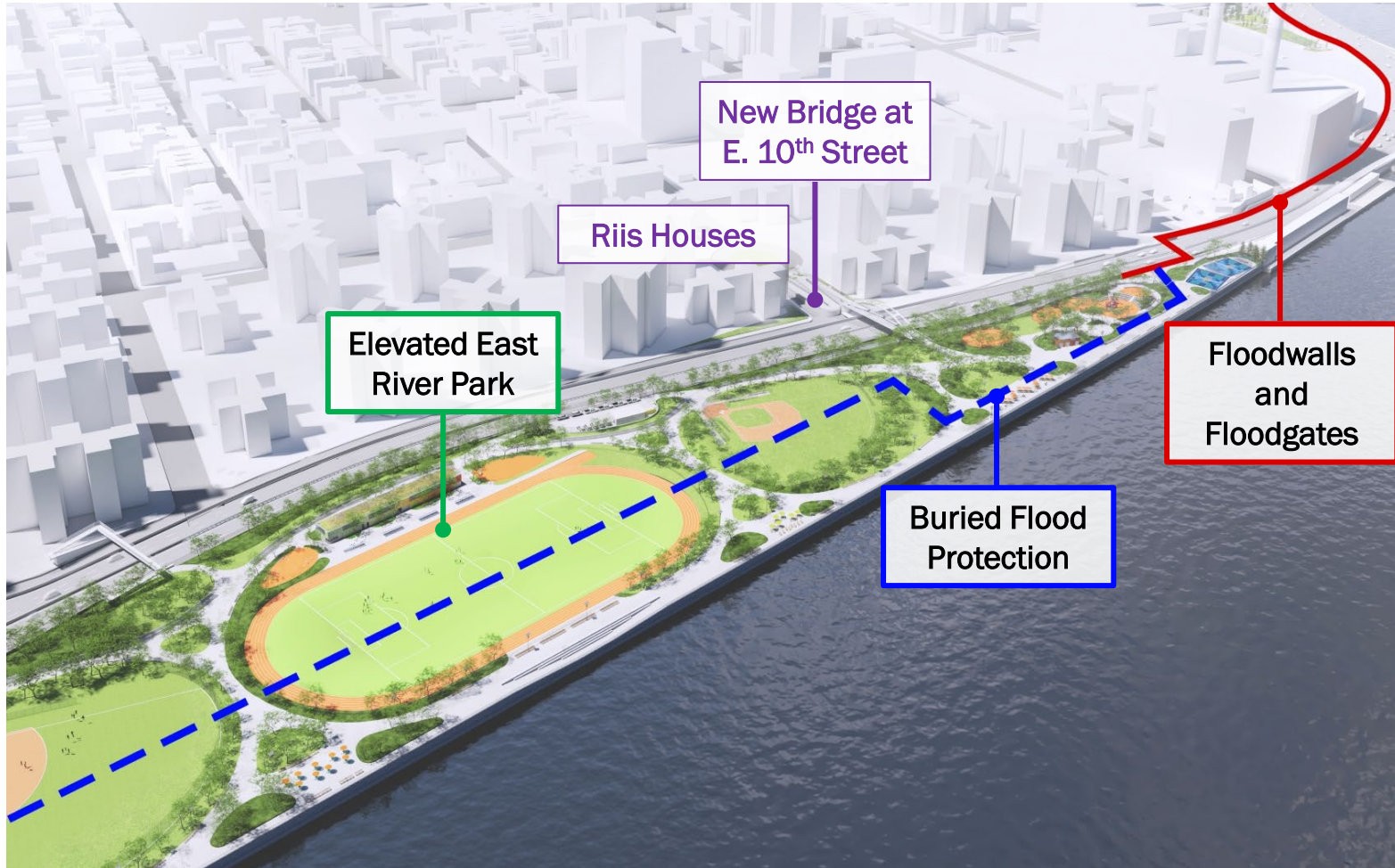
Rendering of northern portion of **East River Park**



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.

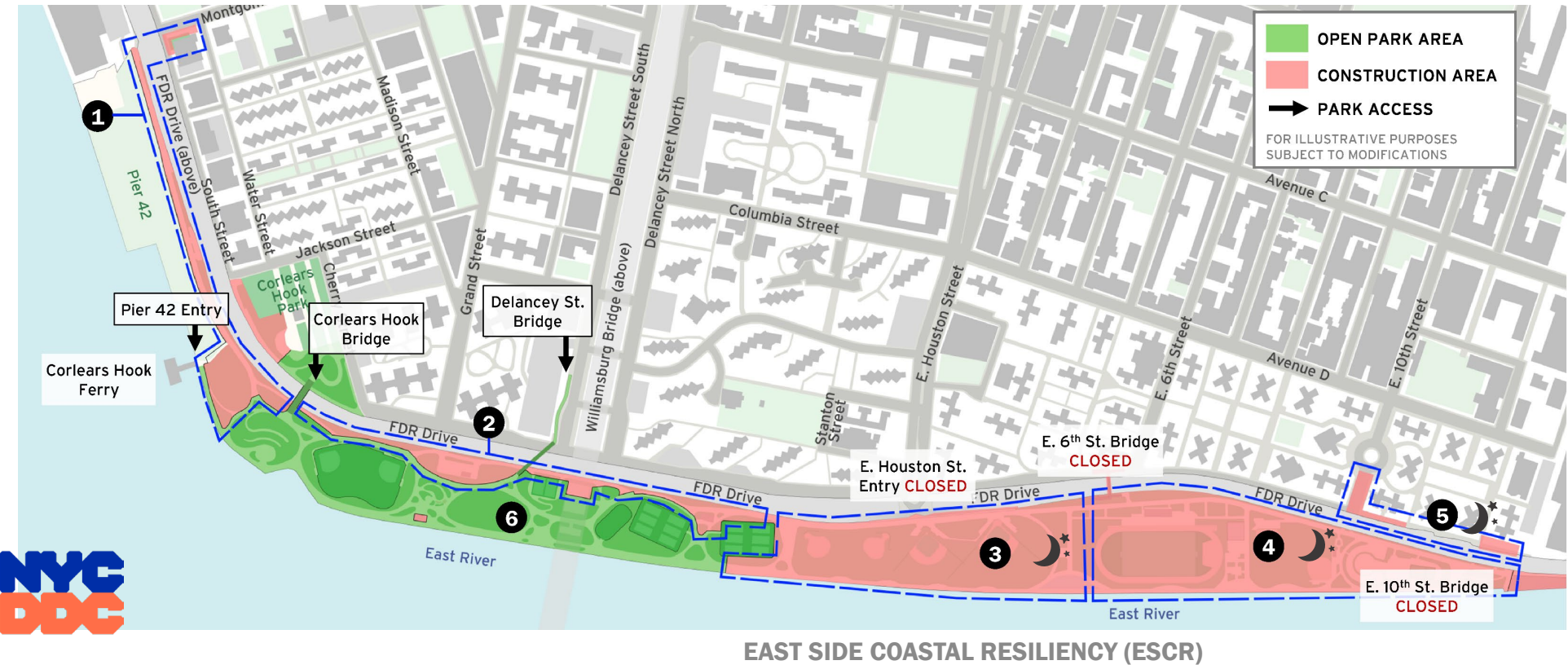
Esplanade reconstruction, E. Houston Street retaining wall activities.
Clean fill installation.
4.

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.

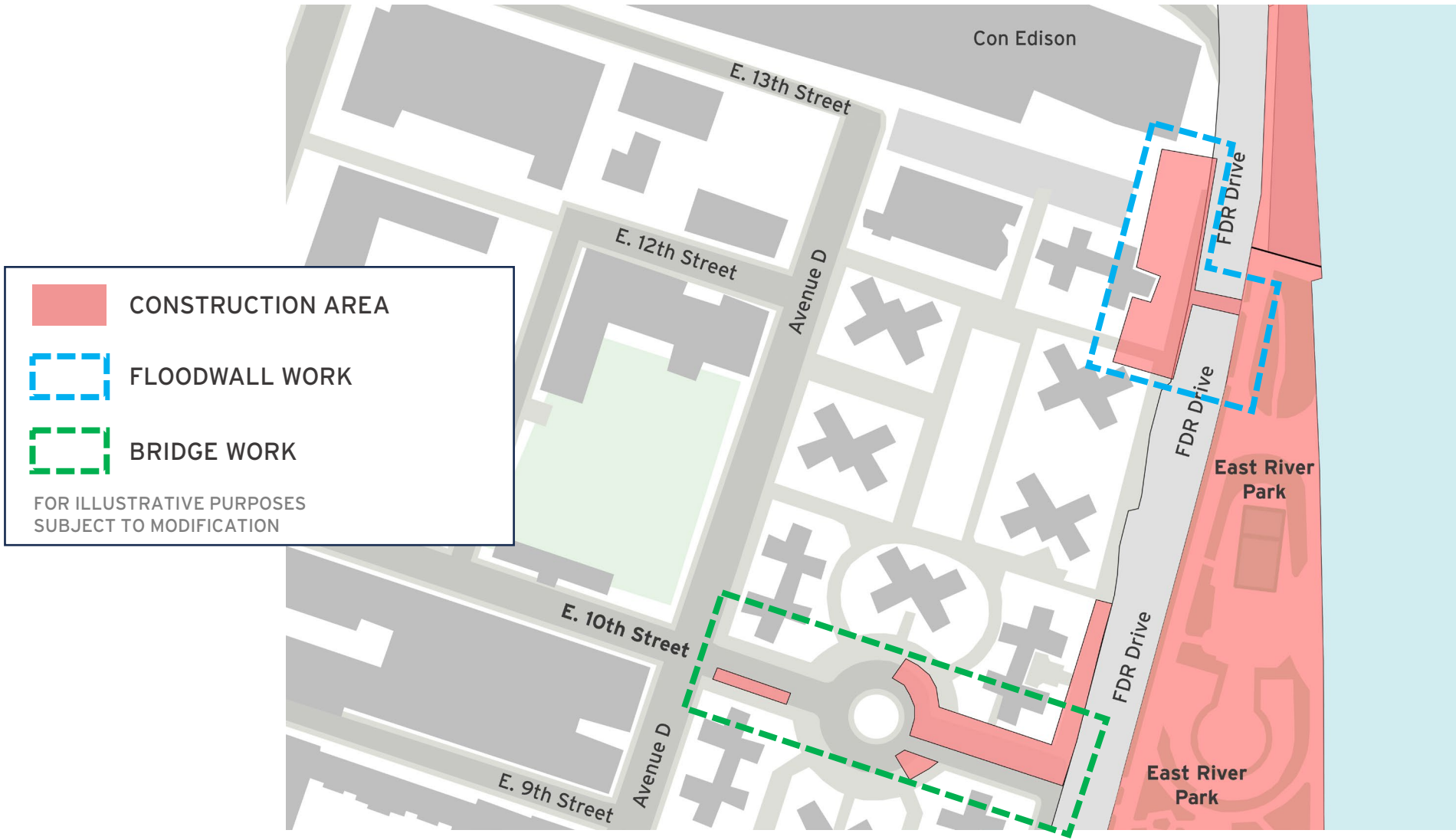


INDICATES ANTICIPATED NIGHT WORK SHIFTS

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

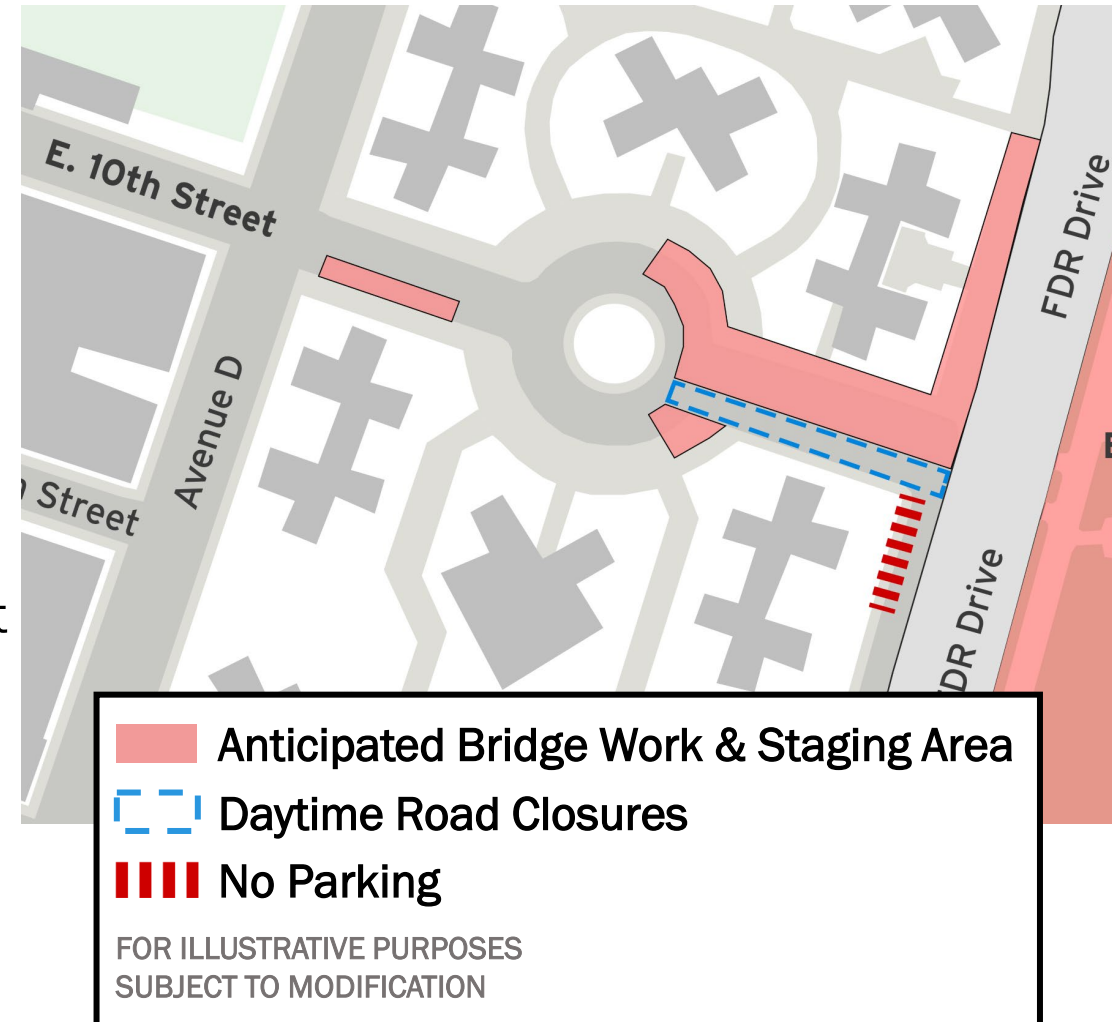
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E. 10th St. Bridge Construction

ALL WORK IS SUBJECT TO CHANGE

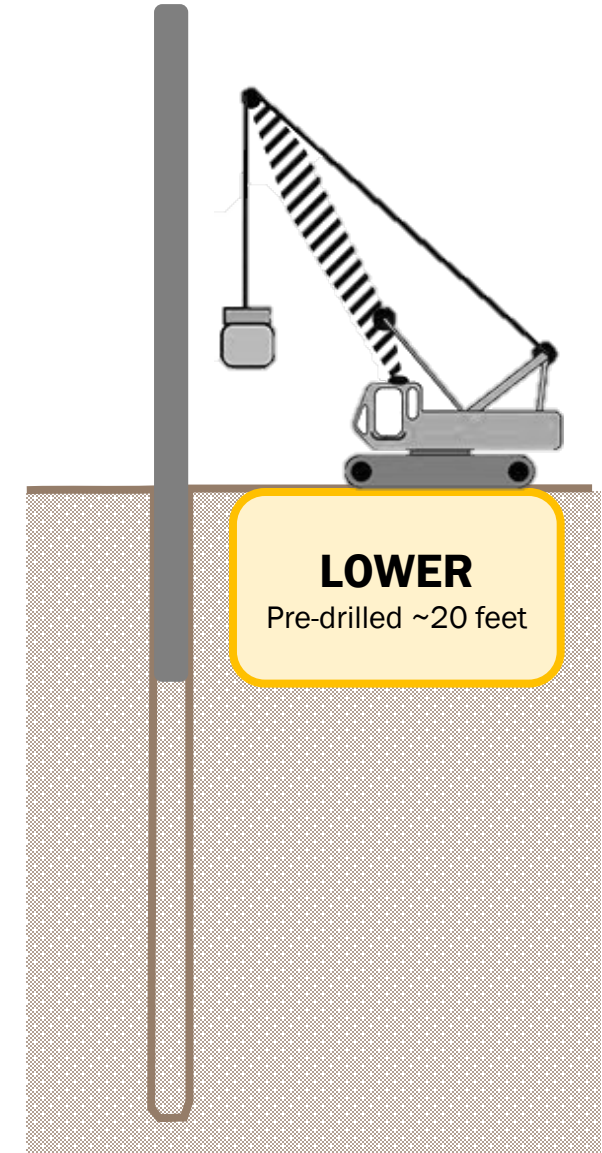
- Construction phasing (approx. 12-14 months total):
 1. Work and staging area mobilization *complete*
 2. Daytime installation of ramp and abutment piles
 - Biggest noise/vibration impact to residents
 - **Pile installation hours: 7am to 6pm**
 - **Anticipated to continue into early October.**
 - This 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

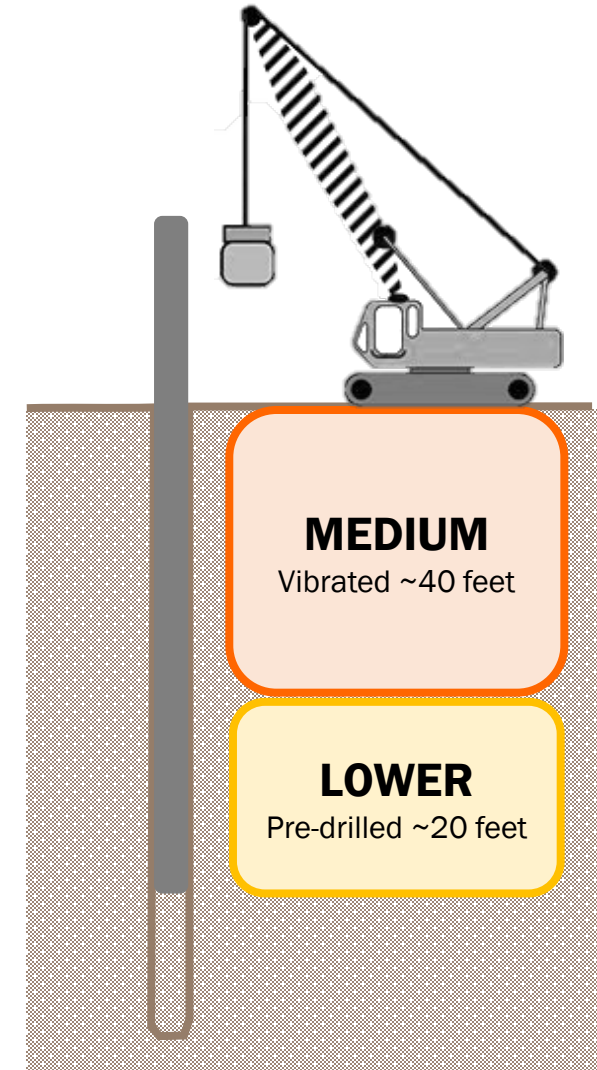
To reduce impact on residents, bridge piles will be pre-drilled and vibrated, leaving the final feet to impact installation.



E. 10th St. Bridge Construction

ALL WORK IS SUBJECT TO CHANGE

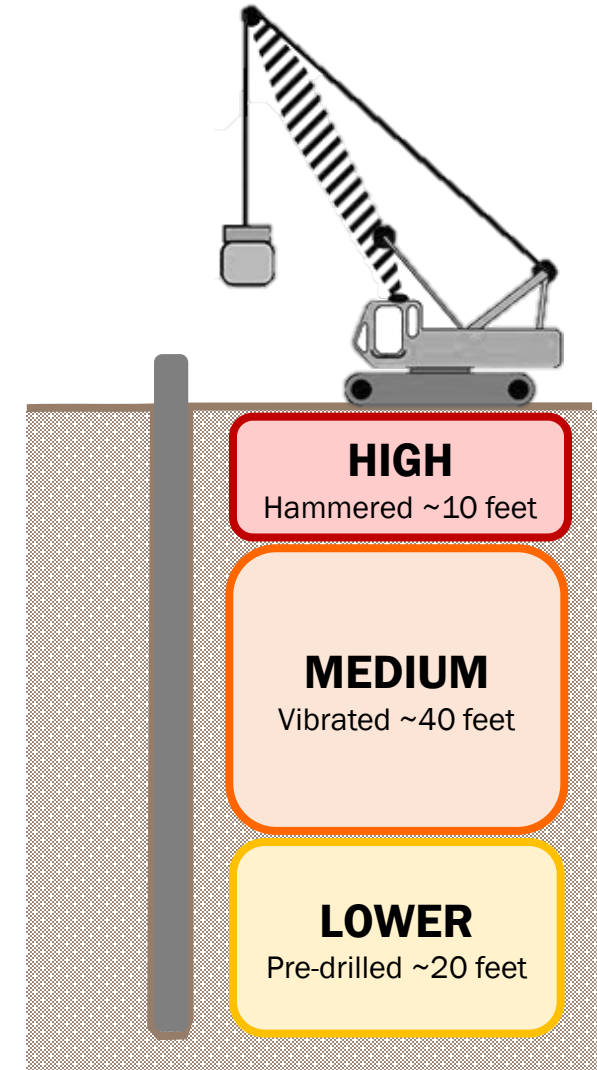
To reduce impact on residents, bridge piles will be **pre-drilled** and **vibrated**, leaving the final feet to **impact** installation.



E. 10th St. Bridge Construction

ALL WORK IS SUBJECT TO CHANGE

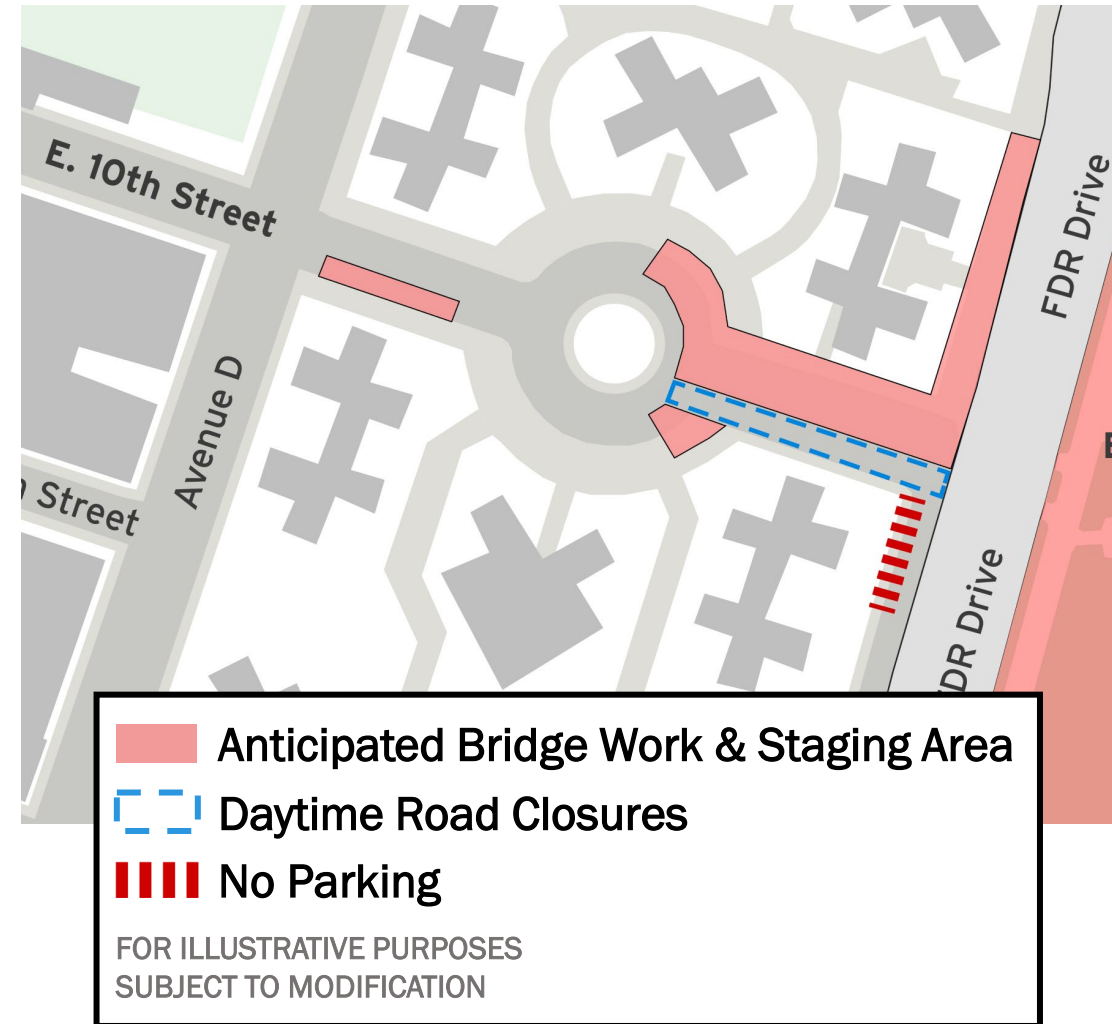
To reduce impact on residents, bridge piles will be pre-drilled and vibrated, leaving the final feet to impact installation.



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

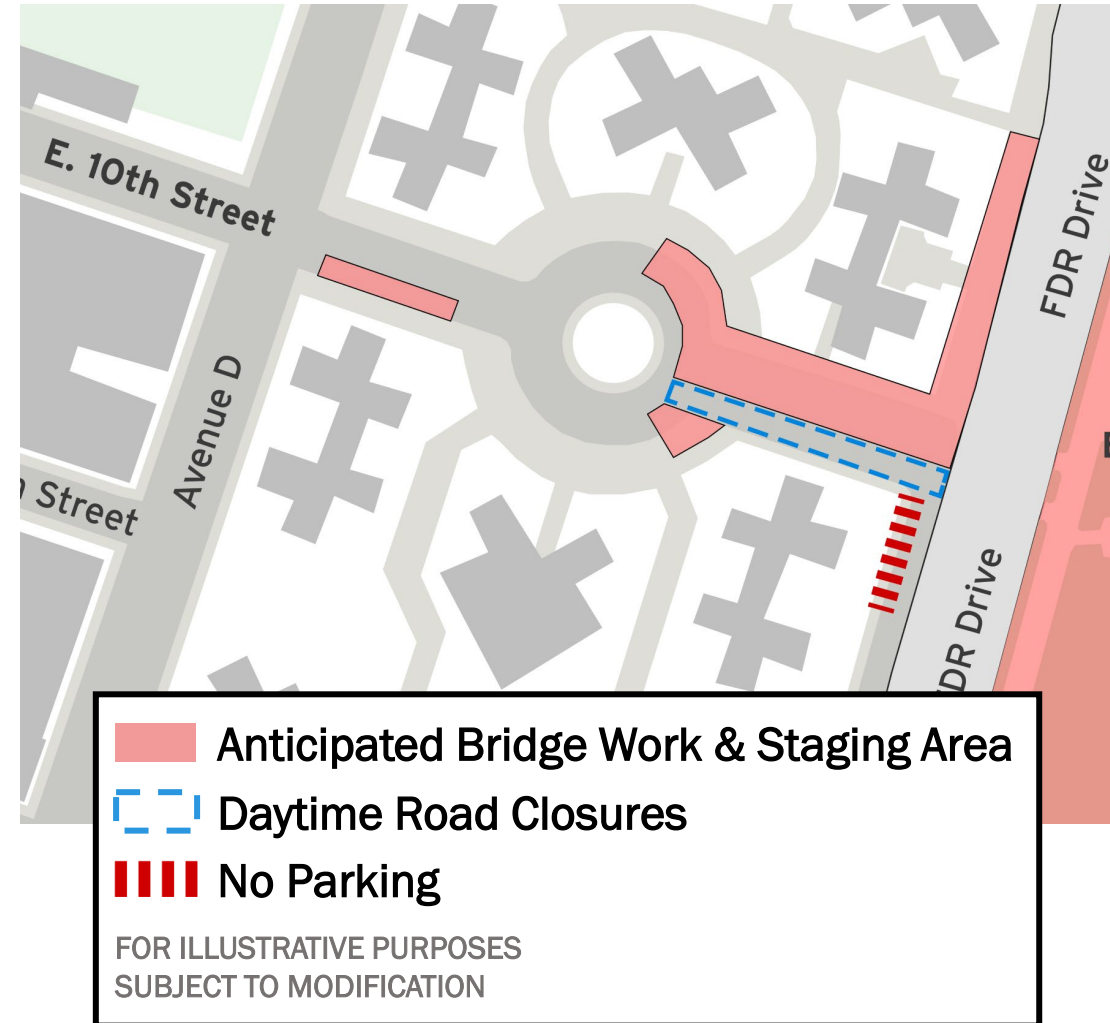


Noise mitigation blankets installed adjacent to bridge work area – August 2026

E. 10th St. Bridge Construction

What We've Heard:

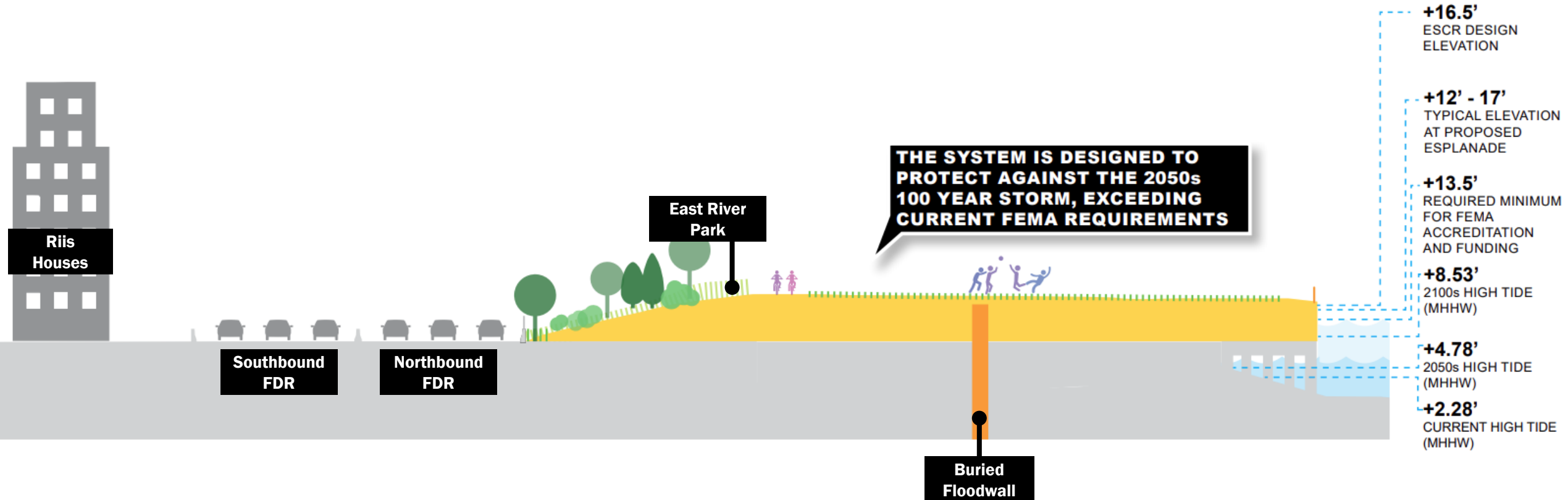
- Request for more project-wide information at Riis resident updates, in addition to location-specific updates.
- Schedule recurring virtual meetings.
- Explore potential increase in frequency of sharing air quality monitoring reports.
- Clarify work hours for pile installation.
- Connect DEP team to Riis TA for more information on flood protection deployment.
- Review existing pedestrian access and site conditions.
- Contractor is keeping construction footprint as minimal as possible to reduce impact to residents, but future construction progress may require the full footprint allowed by DOT permit.
- We are actively working on these items with the project team.



E. 13th Street Flood Protection | Renderings

E. 13th St. Flood Protection | Rendering

ALL WORK IS SUBJECT TO CHANGE



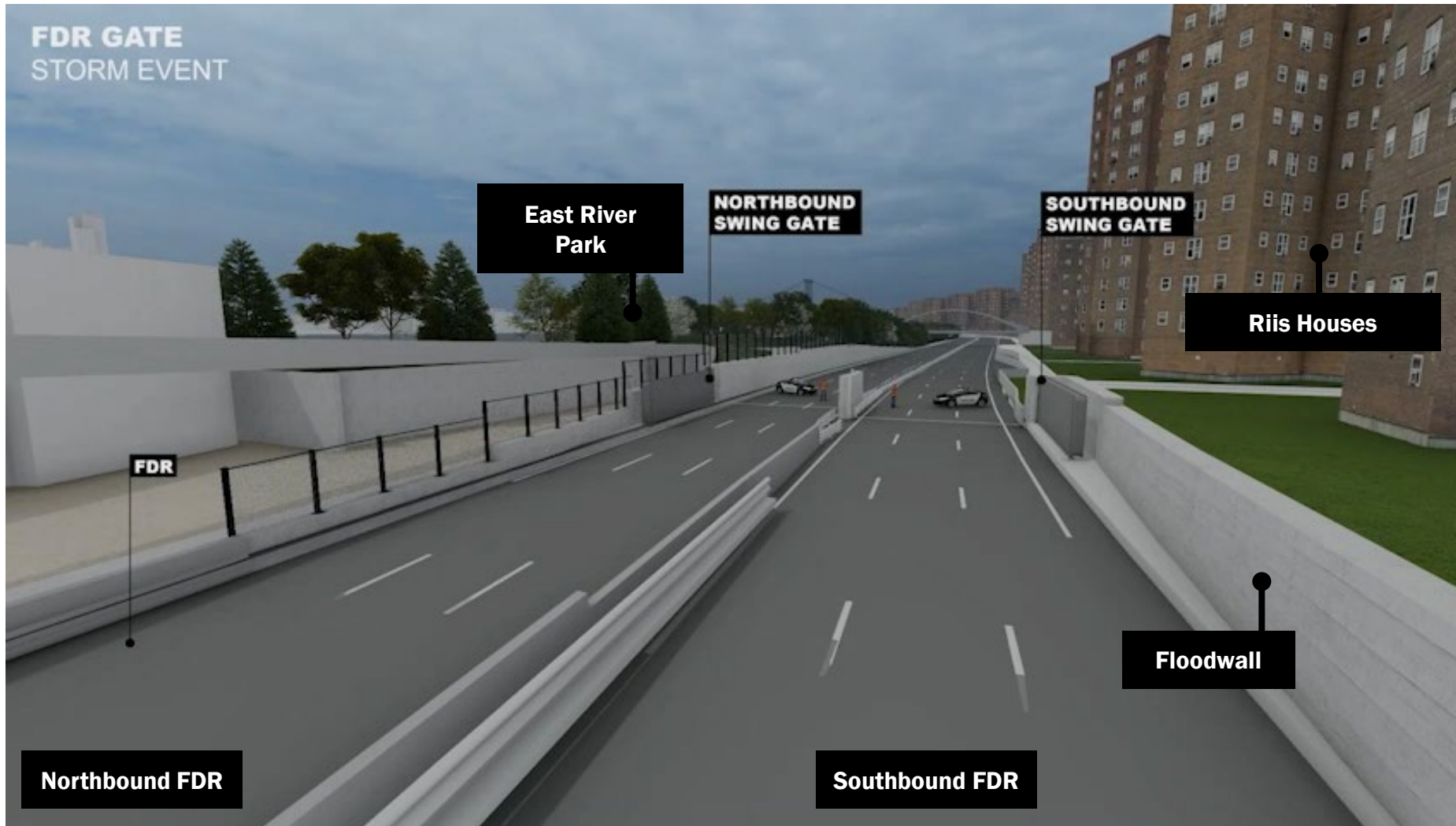
E. 13th St. Flood Protection | Rendering

ALL WORK IS SUBJECT TO CHANGE



E. 13th St. Flood Protection | Rendering

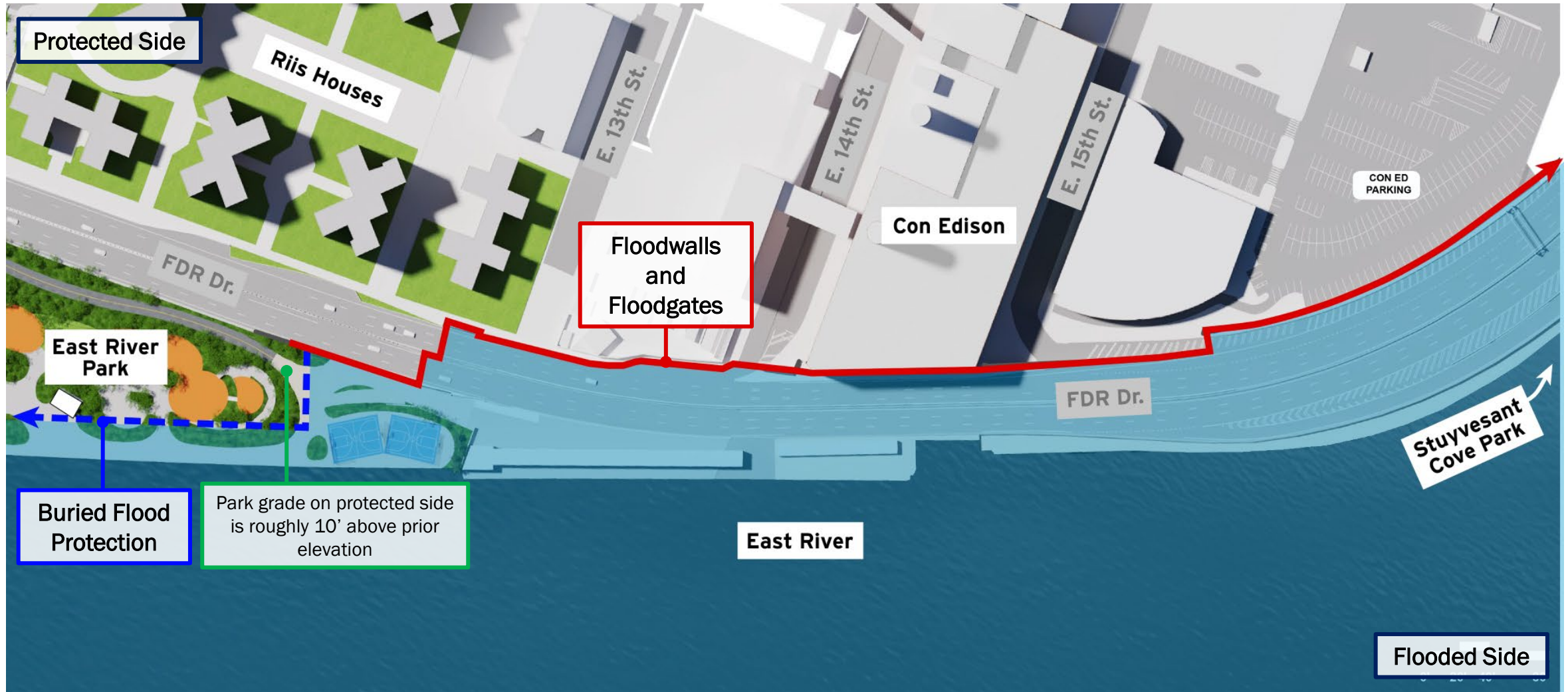
ALL WORK IS SUBJECT TO CHANGE



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

E. 13th St. Flood Protection | Rendering

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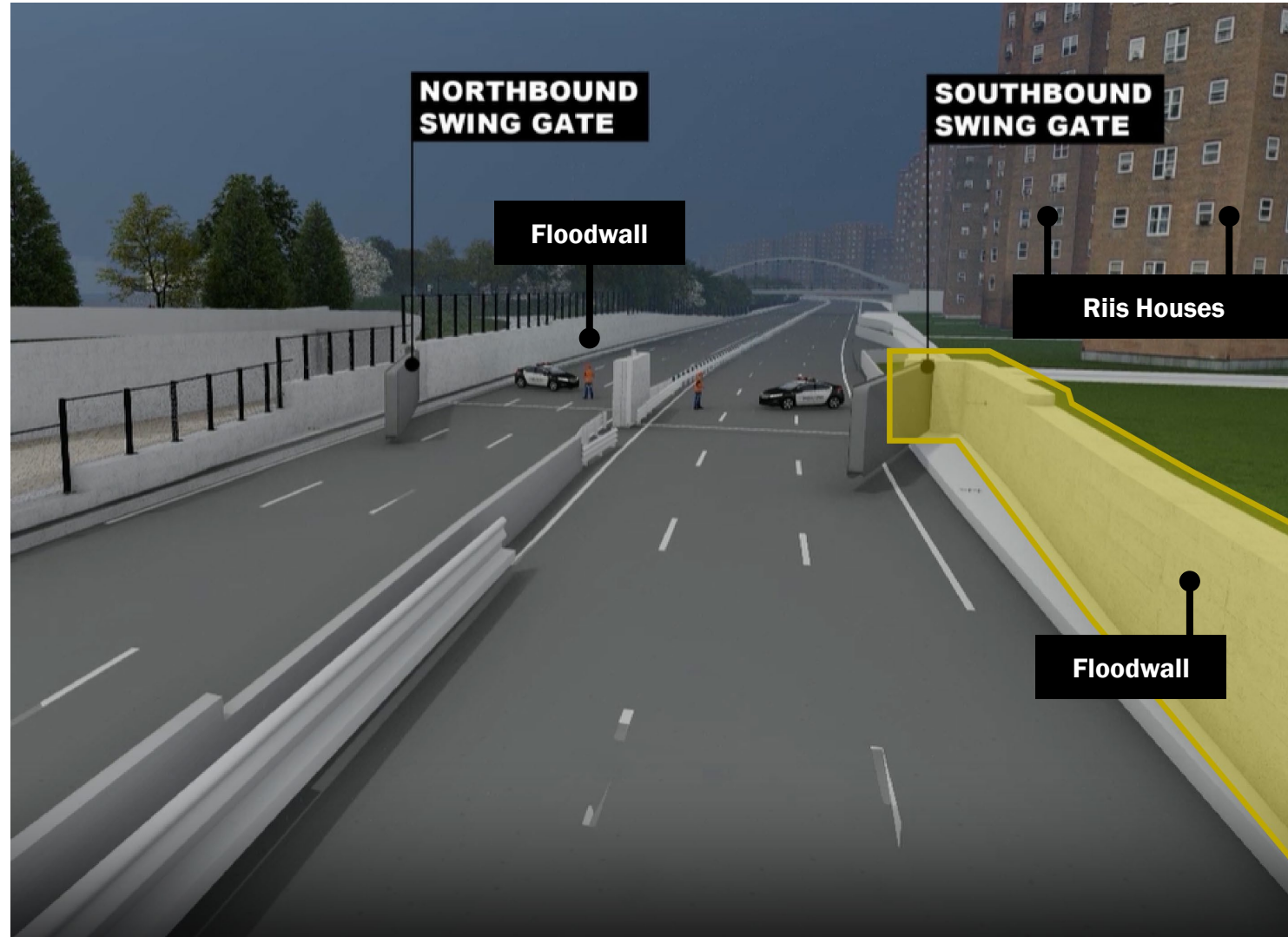


E. 13th Street Flood Protection | Construction

E. 13th St. Flood Protection | Construction

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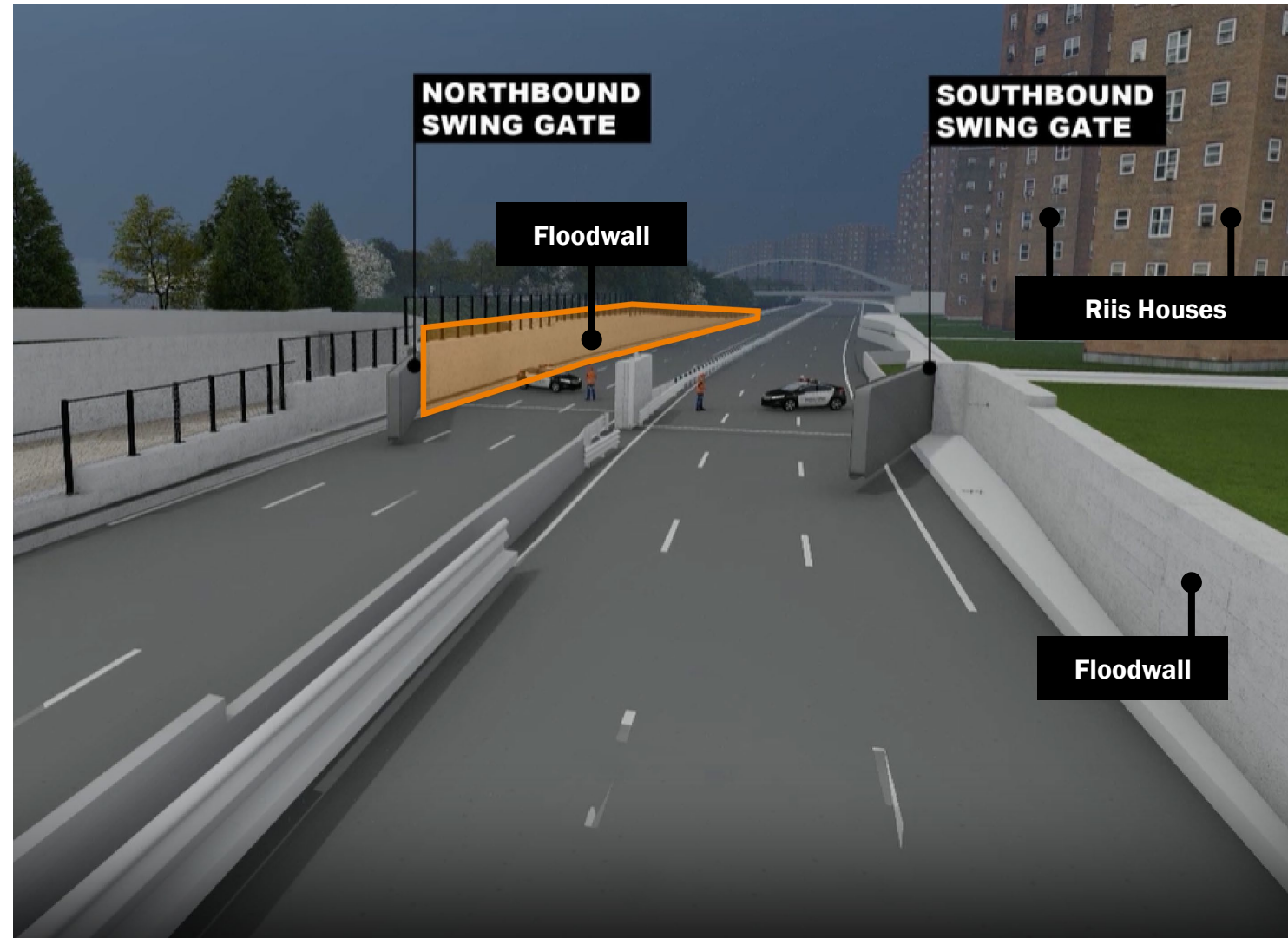
- Underground floodwall infrastructure west of FDR, near Riis, will be **drilled** into the ground.
- Noise level: **LOWER** (lower vibration)



E. 13th St. Flood Protection | Construction

ALL WORK IS SUBJECT TO CHANGE

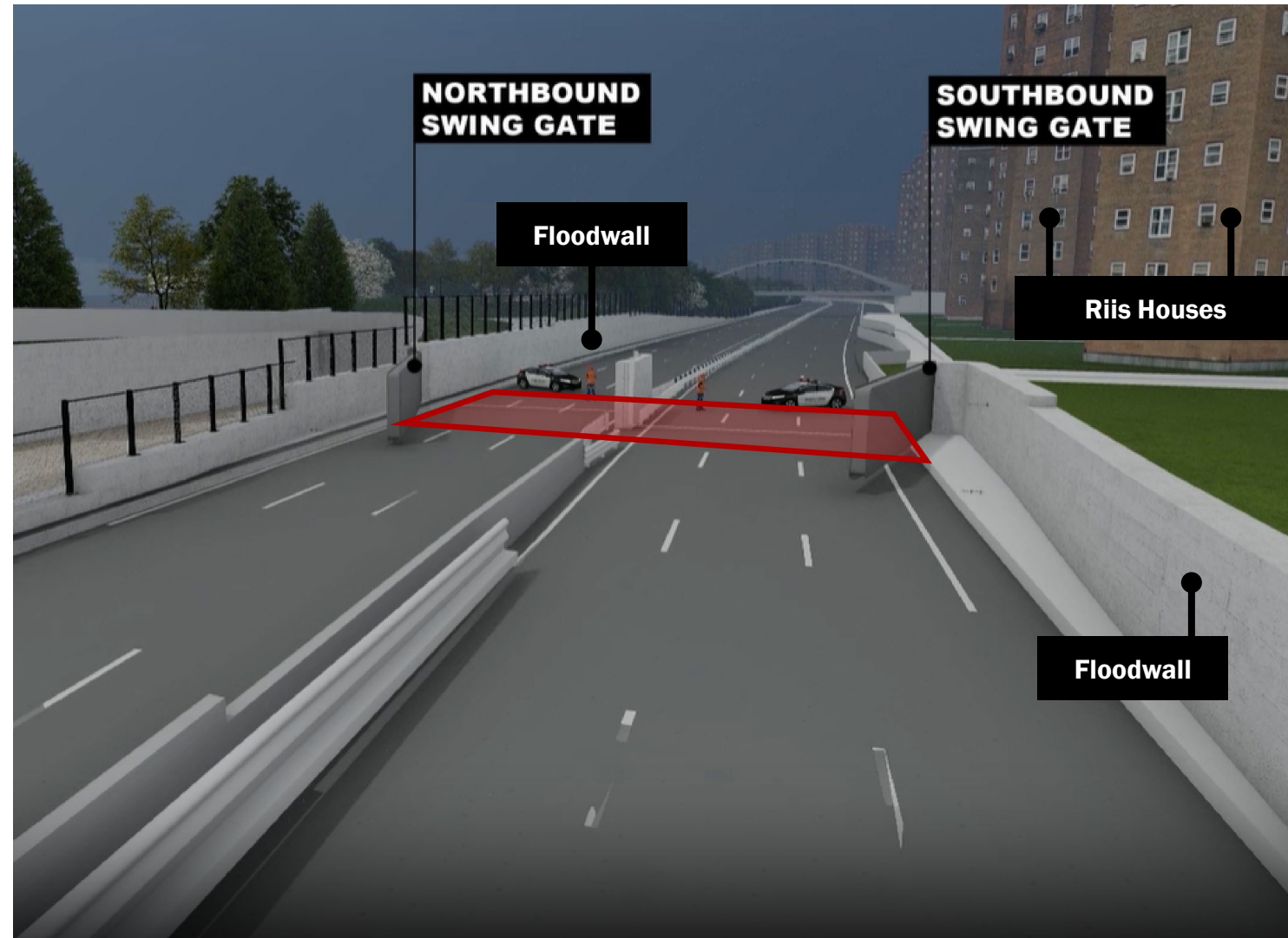
- Underground floodwall infrastructure east of FDR in East River Park will be **vibrated** into the ground.
- Noise level: **MEDIUM** (consistent vibration)



E. 13th St. Flood Protection | Construction

ALL WORK IS SUBJECT TO CHANGE

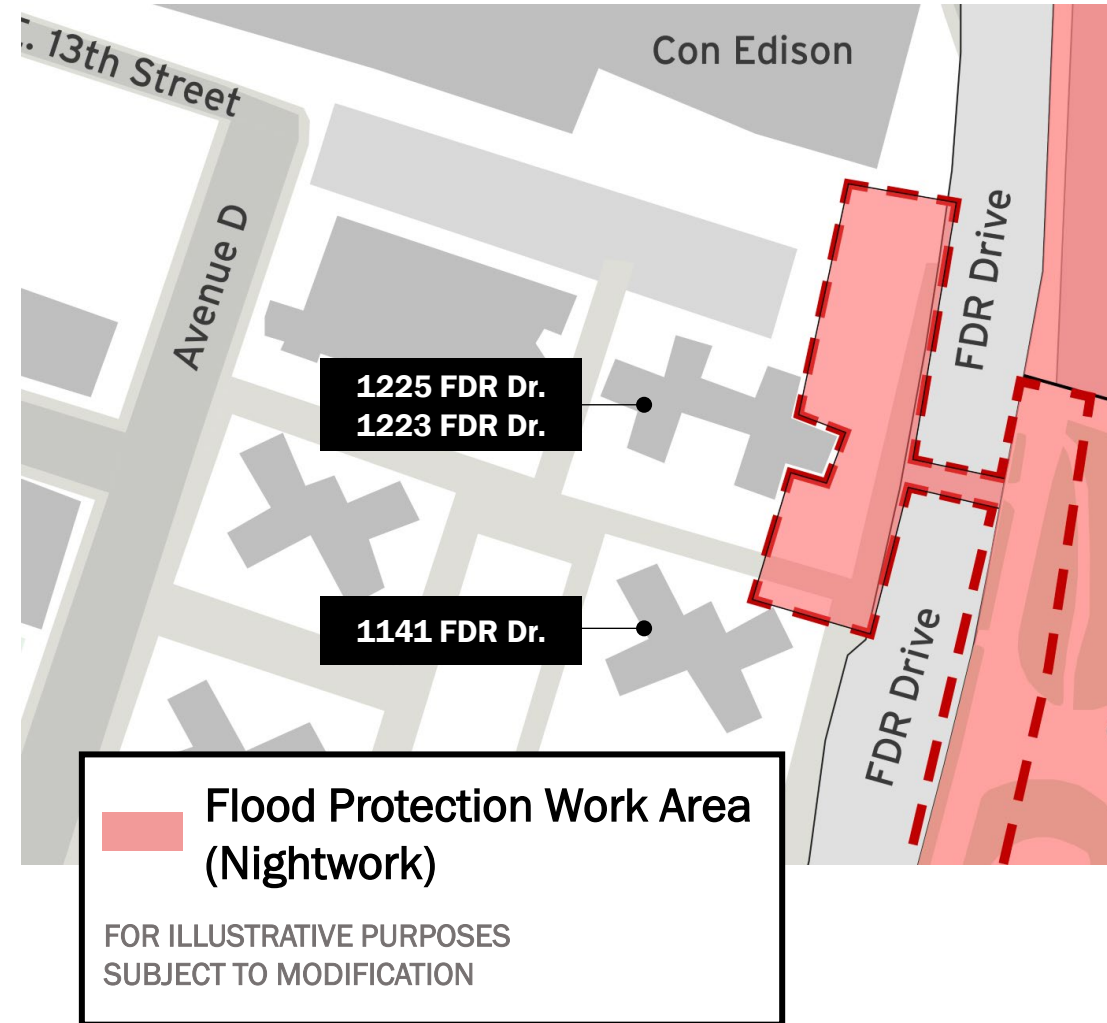
- Underground infrastructure for floodgates crossing the FDR Drive will be **driven**, which is a noisy and disruptive operation.
 - Noise monitors in place and additional mitigation opportunities being explored.
- Noise level: **HIGH (hammering)**



E. 13th St. Flood Protection | Construction

ALL WORK IS SUBJECT TO CHANGE

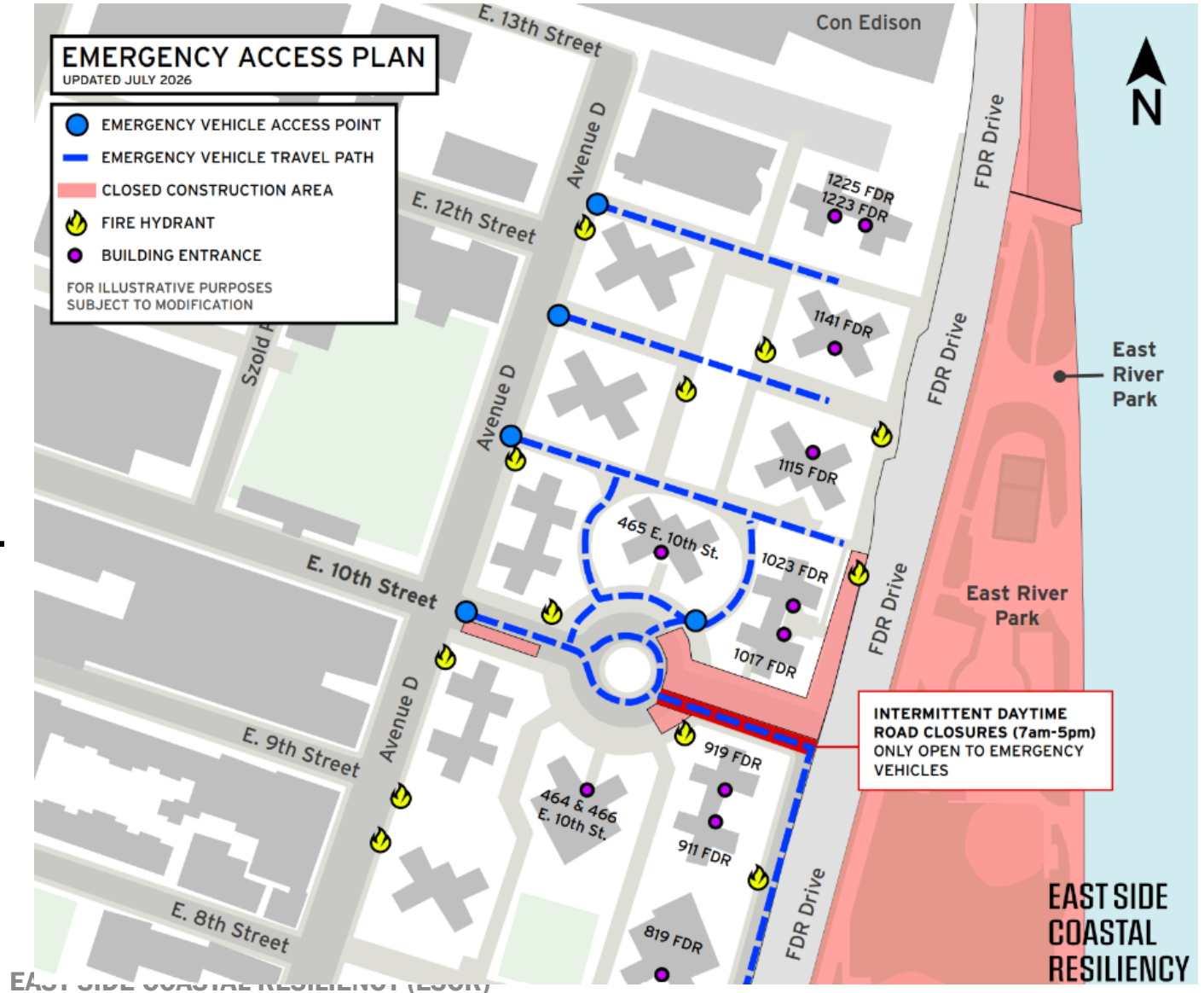
- Unfortunately, this work is required by DOT to be performed at night
- Noisiest work anticipated to begin early- to mid-October, ongoing for approx. two months
 - Timeline heavily dependent on Con Edison coordination
- When dates are confirmed, we will provide as much advance notice as possible via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



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: Photos

ALL WORK IS SUBJECT TO CHANGE



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



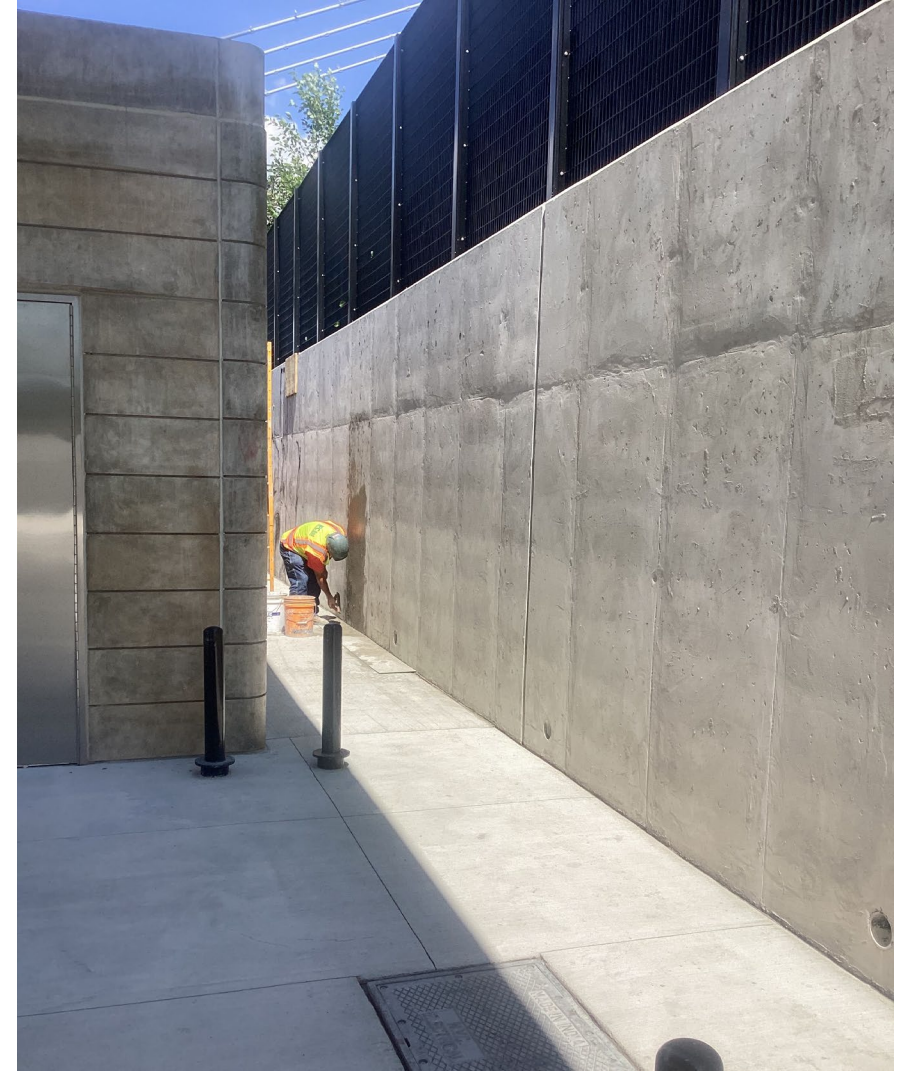
New pathway opened near Corlears Hook Ferry Terminal – August 2026

East River Park Construction: Photos

ALL WORK IS SUBJECT TO CHANGE



Floodwall construction and curb work south of Corlears Hook – August 2026



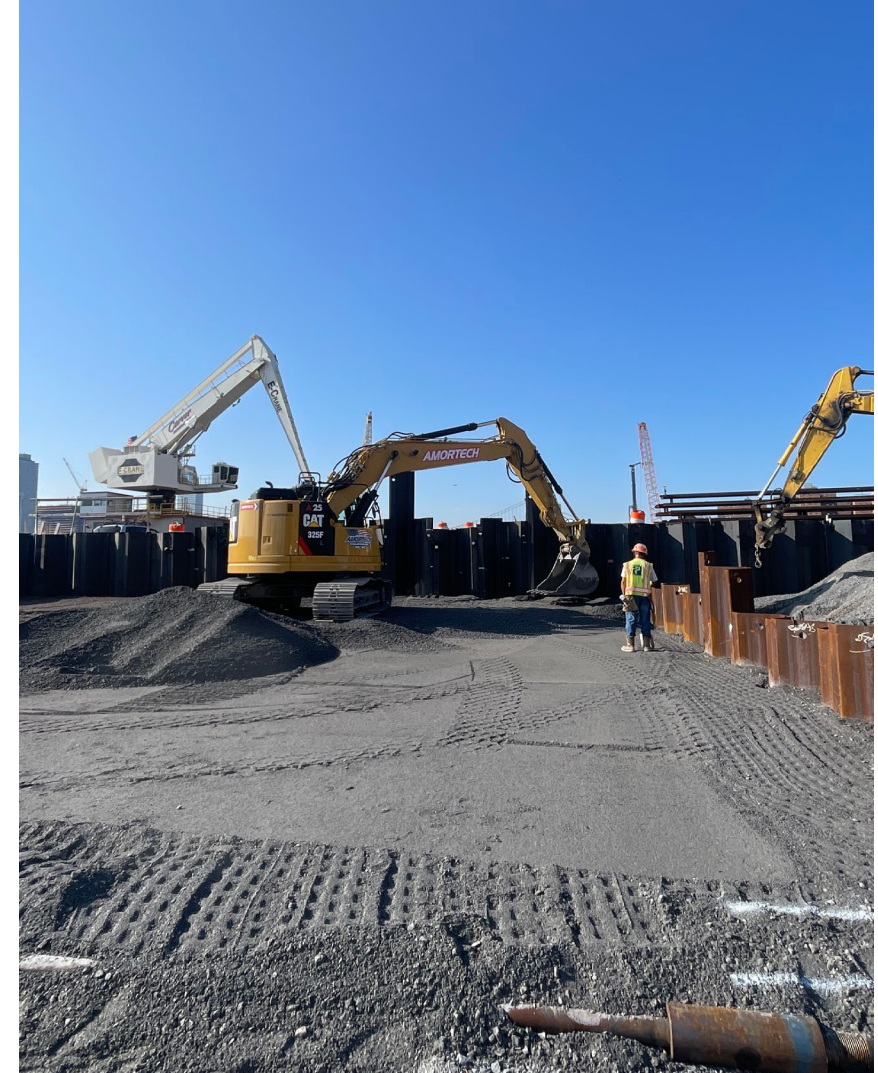
Graffiti removal at Parks maintenance area – August 2026

East River Park Construction: Photos

ALL WORK IS SUBJECT TO CHANGE



Northern embayment construction – August 2026



Clean fill installation for future sports fields – August 2026

What We've Heard

East River Park Anchor:

- Residents inquired with project team about location and future plans for the anchor sculpture that was in East River Park prior to construction.
- 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.



East River Park anchor prior to construction

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

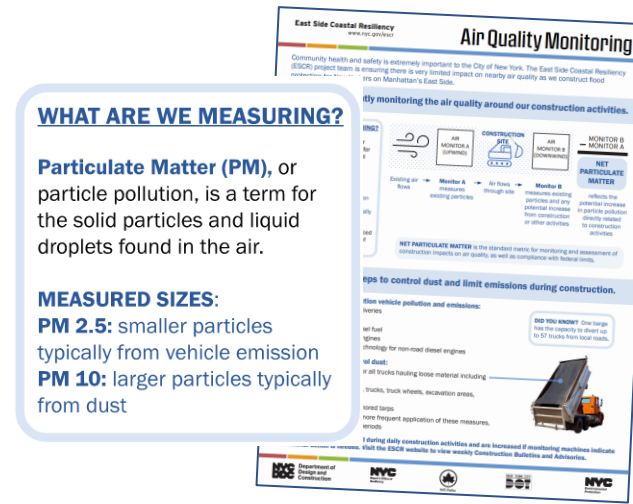


Pile installation for
Delancey St. Bridge

Air Quality Monitoring (AQM)

ALL WORK IS SUBJECT TO CHANGE

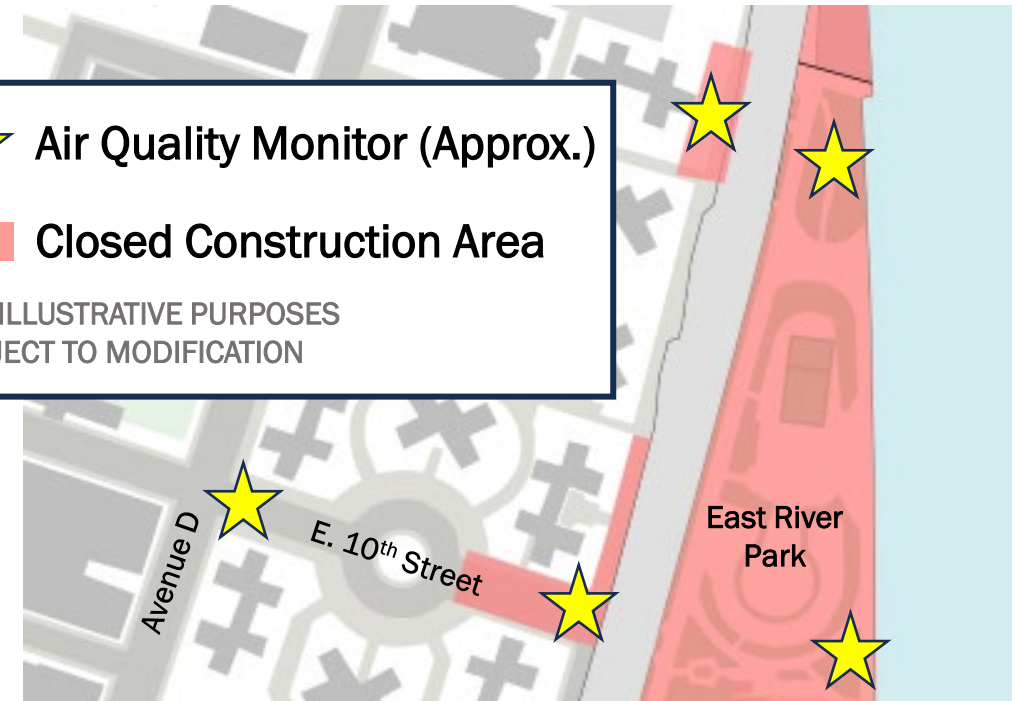
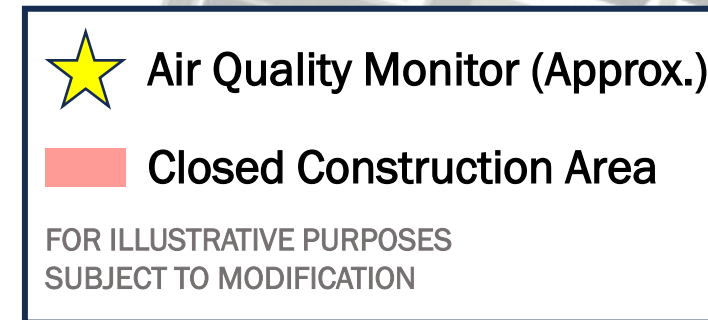
- Air quality monitors are active **24 hours/day, 7 days/week**
- The project follows all federal, state and local guidelines. To date, construction activities have not exceeded National Ambient Air Quality Standards
- Monitoring machines are on site to measure particles from construction vehicle emissions 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



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?

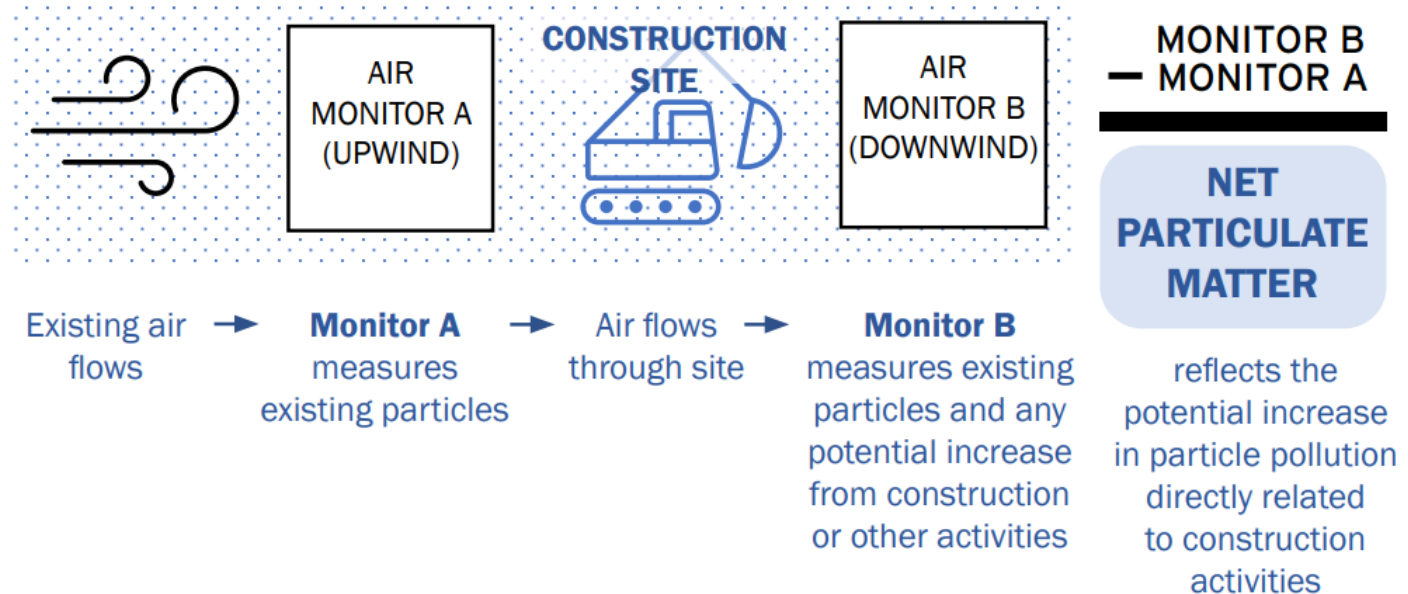
Particulate Matter (PM), or particle pollution, is a term for the solid particles and liquid droplets found in the air.

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.

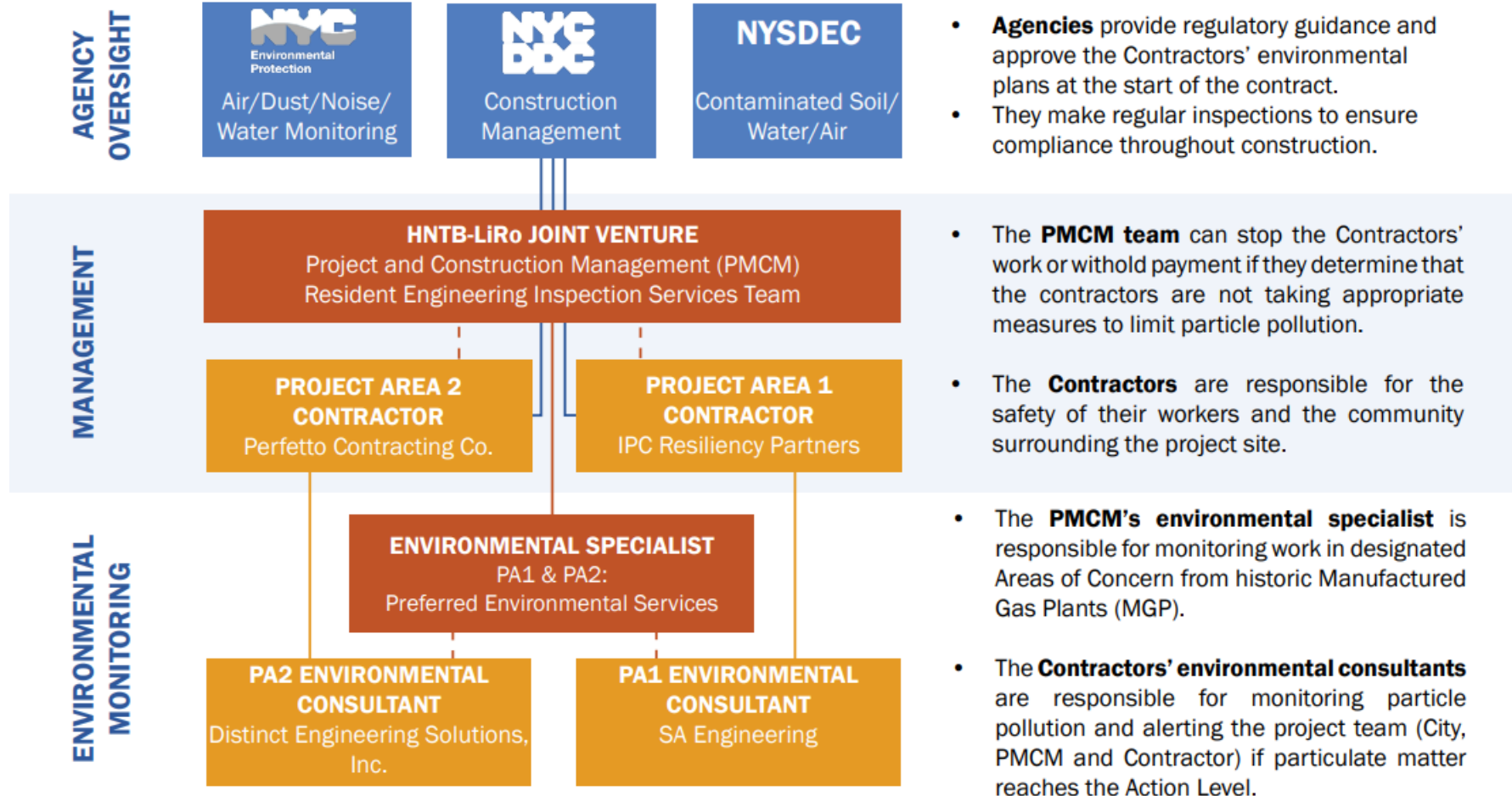
The ESCR project evaluates air quality at **15-min TWA intervals**, meaning we average exposures over 15-minute periods. This more conservative approach will help the ESCR team to monitor the project's effect on air quality more closely.



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

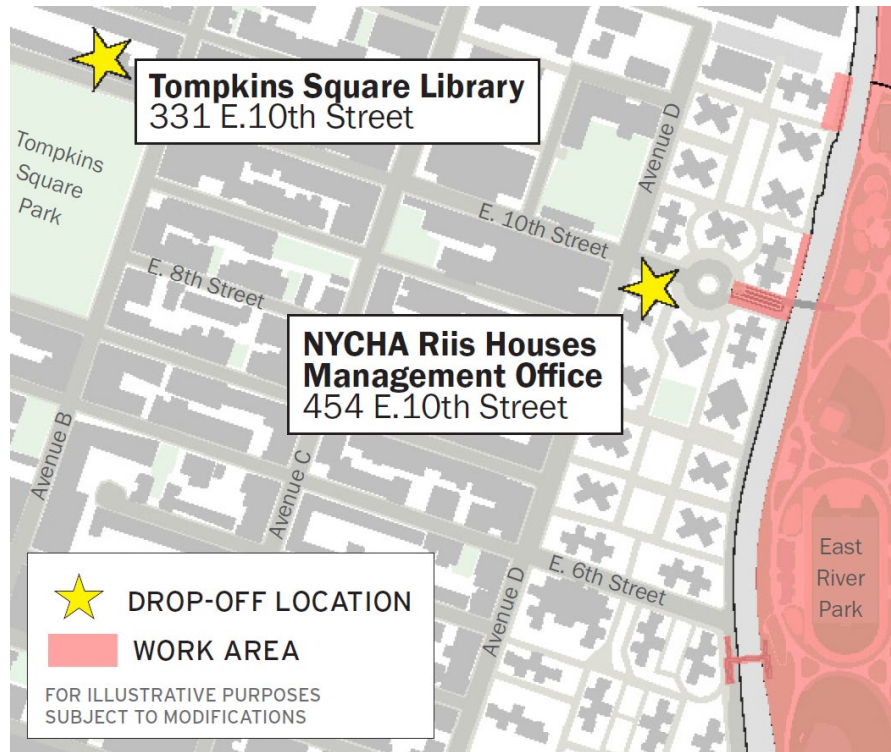
- Invitation for community members to submit visual artwork to be printed on construction fencing, **with an emphasis towards residents of NYCHA Riis.**
- Themes:
 - What stories, cultures, and identities make NYC's waterfront unique?
 - What does climate resiliency mean to you?
- Email ESCRCL1@ddccr.com 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



EAST SIDE COASTAL RESILIENCY (ESCR)



Riis Management
Office Drop Box



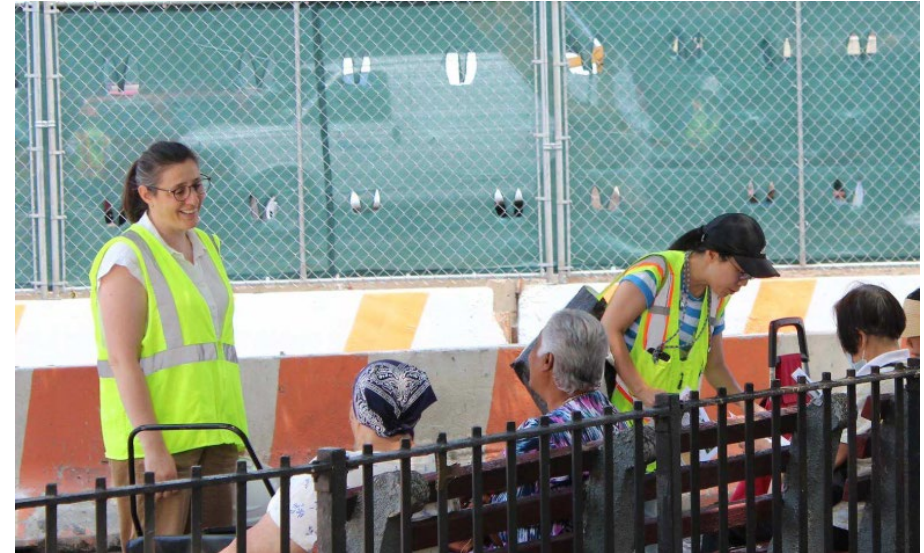
Tompkins Square
Library Drop Box

Additional Construction Resources

Additional Construction Resources

ALL WORK IS SUBJECT TO CHANGE

- Engagement team will be at September 22 TA Meeting.
- Virtual meetings for Riis residents will be held on **the second Thursday of every month at 11am** until further notice. The next meeting will be Thursday, October 8. Pre-registration is necessary.
- Latest Riis recordings, slide translations, and updates will be posted to our website: nyc.gov/escr/nightwork
 - All community presentations 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.



Flying 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 to register for 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. At the top, it has the NYC logo and the title "The East Side Coastal Resiliency Project". A navigation bar includes links for "About", "Project Updates", "Community Engagement", and "Contact". The main heading is "Nightwork Near Riis Houses". On the left, there is a sidebar with links to "PA1 Construction Notices", "PA2 Construction Notices", "PC Construction Notices", "Construction Milestones", "Environmental Monitoring", "Presentations", "Newsletters", "Project Factsheets", and "Gallery". The main content area has a section titled "Upcoming & Current Work Near Riis" with a paragraph about joining meetings. Below that is "Anticipated Nightwork Schedule Near Riis" with a disclaimer and a date update. Further down is "Upcoming Q&A Opportunities" with details about virtual sessions and a Zoom link. At the bottom of the page, there is a blue button with the text "nyc.gov/escr/nightwork (OR SCAN BELOW)".



Community Engagement: Employment & Training Fair

Tuesday, September 22, 2026
(Afternoon)

- 213 Stanton Street
New York, NY 10002
- Hosted by ESCR team, in collaboration with Our lady of Sorrows Church
- Prepare and connect with returning workforce partners and community organizations to learn about available employment opportunities.
- Please keep an eye on [our website](#) for more details, including registration and timing.



June 2026 Work With Us Quarterly Employment and Training Fair

Upcoming Community Meetings

ALL WORK IS SUBJECT TO CHANGE

CB3 Parks Committee Meeting

- Thursday, September 17 at 6:30pm

NYCHA Riis TA Meeting

- Tuesday, September 22 at 6pm

Community Advisory Group (CAG) #73

- Thursday, September 24 at 4pm
- [Website: CAG page](#)

Virtual ESCR Update for Riis

- Thursday, October 8 at 11am
- Registration necessary
- [Website: nyc.gov/escr/nightwork](https://nyc.gov/escr/nightwork)



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