

East Side Coastal Resiliency Construction Update

E. 10th Street NYCHA Riis

June 12, 2025

Virtual



Agenda

1. Upcoming Work in Vicinity of NYCHA Riis
 - a) E. 10th Street Bridge Demolition
 - b) E. 10th Street Utility Work & FDR Drive Crossing
 - c) E. 10th Street Bridge Approach Construction
2. Outreach Strategy
3. Environmental Monitoring
4. Questions

Rendering of northern portion of
East River Park



PA1 | E. 10th Street Bridge Demolition

ALL WORK IS SUBJECT TO CHANGE

- Overnight June 29, 2025, 12:01am
- Ongoing day and night work after initial closure
- Most demolition work must be conducted at night due to DOT permits and FDR Drive Lane closures
- This work will be noisy and disruptive
- Sequence of demolition:
 - 1) Bridge span and portion of west ramp (multiple **nighttime** shifts)
 - 2) Remaining segments of west ramp (multiple **nighttime** shifts)
 - 3) East ramp (multiple daytime shifts)
- Sidewalk access near the ramp will be limited, but building access will always be maintained
- All detours and road closures are closely coordinated with emergency services

Old Delancey St. Bridge Removal

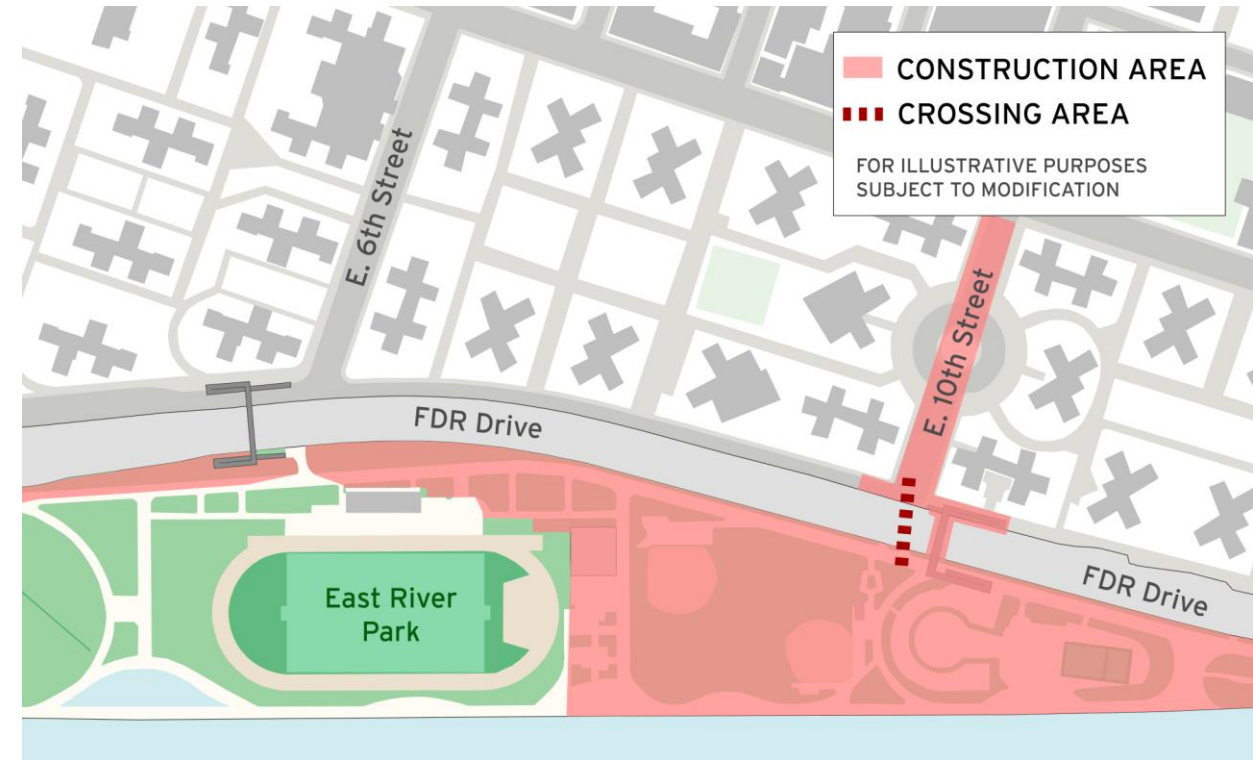


PA1 | E. 10th Street Utility Work and FDR Dr. Crossing

ALL WORK IS SUBJECT TO CHANGE

- **New utilities** being installed across the FDR Drive
- Includes a manhole within the FDR Drive
- **Day and night work** night due to DOT permits and FDR Drive Lane closures
- Excavations are expected to be noisy
- This work is anticipated to begin later this month (pending Con Ed coordination), ongoing for 3-4 weeks
- All detours and road closures are closely coordinated with emergency services

*Approx. 3-4 months of utility work remain in this area



PA1 | E. 10th Street Bridge Approach Construction

ALL WORK IS SUBJECT TO CHANGE

- Installation of piles expected to begin after completion of utility work on E. 10th Street – anticipated late summer to early fall
- Construction of ramps/abutments will begin first and should take roughly 6-9 months
- Most pile driving will be conducted during the day
- This work will be noisy and disruptive



E. 10th Street Bridge and Ramp Rendering

PA1 | Outreach Strategy

ALL WORK IS SUBJECT TO CHANGE

- **June 6:** Advisory for Riis residents published in English, followed by Spanish and Chinese
- **June 11:** Tabling at Riis food pantry (morning)
- **June 13:** Revised Advisory with improved access detail
- **June 16:** Presentation at Riis [pending NYCHA management approval]
- **June 19:** Tabling at Riis (early afternoon)
- **June 24:** Tabling at Riis (early evening)



Community Advisory

East Side Coastal Resiliency
www.nyc.gov/escr

EAST SIDE
COASTAL
RESILIENCY

Project # SANDRESM1 | Borough: Manhattan | Issue Date: 06/06/2025

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

**Nightwork: Removal of the
E. 10th Street Bridge**
Sunday, June 29th, 2025
12:01 am to 10:00 am

Activities related to the removal of the E. 10th Street Bridge will necessitate overnight work. **This operation can be disruptive and loud.** Because this work includes a full FDR Drive closure, we are required to perform it at night to minimize traffic disruptions. We apologize for the disturbance and thank you for your patience as we make these critical upgrades. A separate advisory detailing the FDR Drive detour is available on the ESCR website.

Questions? ¿Preguntas? 问题?
PA1 Community Construction Liaison (CCL) | Email: ESCRCCCL1@ddccr.com
Vanessa Gomez, para mas información llame, 347-628-8724
Pauline Chan, 欢迎中文咨询, 929-717-9015
Inquiries | Consulta en Línea | 线上咨询: www.nyc.gov/escr/contact

PLEASE NOTE: Due to unforeseen conditions (weather, field conditions, etc.) it may become necessary to change some scheduled work locations and operations. During non-construction hours emergency situations, please contact the New York City Government Services and Information Hotline at 311 or Universal Emergency Number 911.

Department of
Design and
Construction
Office of Community Outreach & Notification

Vibration & Air Quality Monitoring

ESCR | Air Quality Monitoring

ALL WORK IS SUBJECT TO CHANGE

- Air and noise 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
- These machines are placed strategically along the edge of active construction activities
- Environmental monitoring reports are posted to our website:
<https://on.nyc.gov/4brIXjG>

East Side Coastal Resiliency
www.nyc.gov/escr

Air Quality Monitoring

Community health and safety is extremely important to the City of New York. The East Side Coastal Resiliency (ESCR) project team is ensuring there is very limited impact on nearby air quality as we construct flood protection for New Yorkers on Manhattan's East Side.

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

NET PARTICULATE MATTER reflects the potential increase in particle pollution directly related to 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.

Control dust and limit emissions during construction.

pollution and emissions:

- non-road diesel engines
- hauling loose material including

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

- 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.

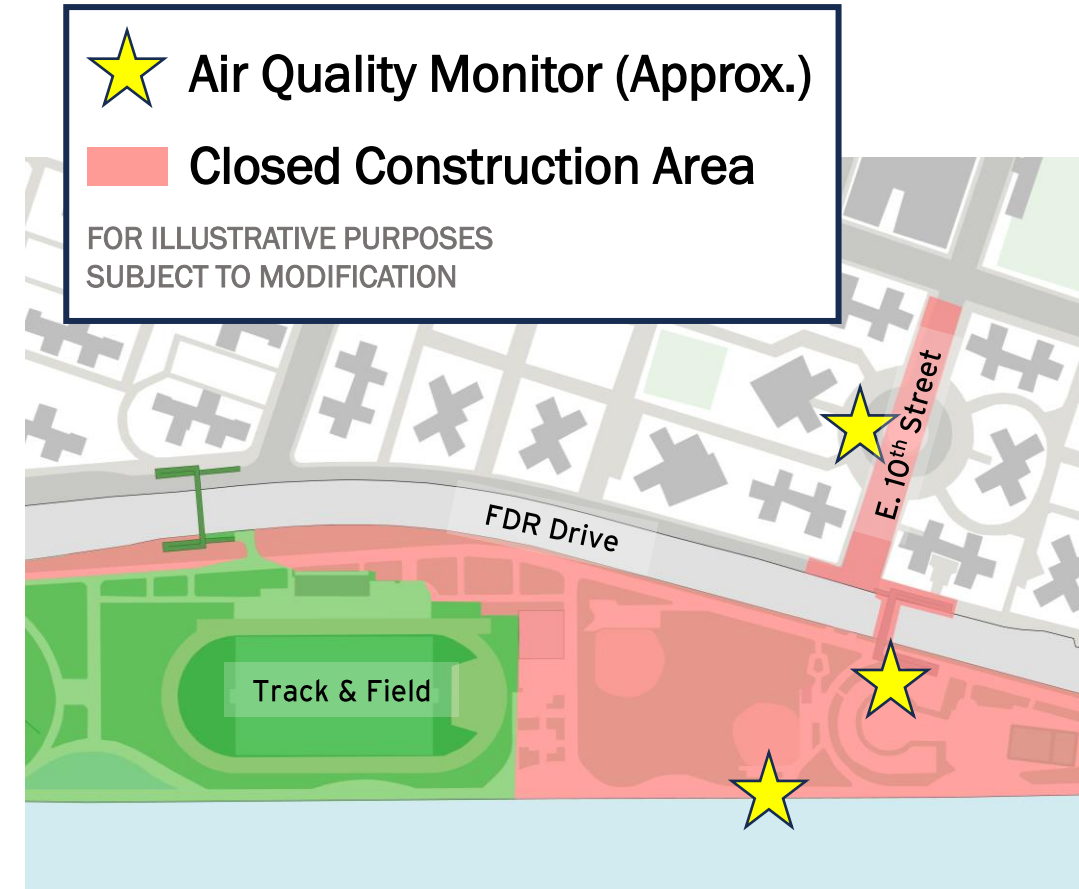
NYC DDC Department of Design and Construction
NYC Mayor's Office of Resiliency
NYC Parks
NEW YORK CITY DOT
NYC Environmental Protection

ESCR | Air Quality Monitoring

ALL WORK IS SUBJECT TO CHANGE

- Multiple air quality monitors in vicinity of Riis Houses
- Dust mitigation measures applied each time construction activities caused an alert
- Environmental monitoring reports are posted to our website:
<https://on.nyc.gov/4brlXjG>

Example of Air
Quality Monitor



ESCR | Vibration Monitoring at Riis Houses

ALL WORK IS SUBJECT TO CHANGE

- 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

Example of
Vibration Monitor



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

PA1 | Contact Us & Resources



ESCR Inquiry Tool

Questions? ¿Preguntas? 问题?

Community Construction Liaisons (CCLs):

- Vanessa Gomez #(347) 628-8724
- Pauline Chan #(929) 717-9015
- Email: ESCRCL1@ddccr.com

nyc.gov/escr



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