

East Side Coastal Resiliency Construction Update

E. 10th Street NYCHA Riis

June 28, 2025

Virtual



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
- Pauline Chan #(929) 717-9015
- Email: ESCRCL1@ddccr.com

Agenda

1. What We've Heard
2. Upcoming Work in Vicinity of NYCHA Riis
 - a) E. 10th Street Utility Work & FDR Drive Crossing
 - b) E. 10th Street Bridge Removal
 - c) E. 10th Street Bridge Construction
 - d) E. 13th Street Flood Protection
3. Environmental Monitoring
4. East River Park Access & Amenities
5. Questions

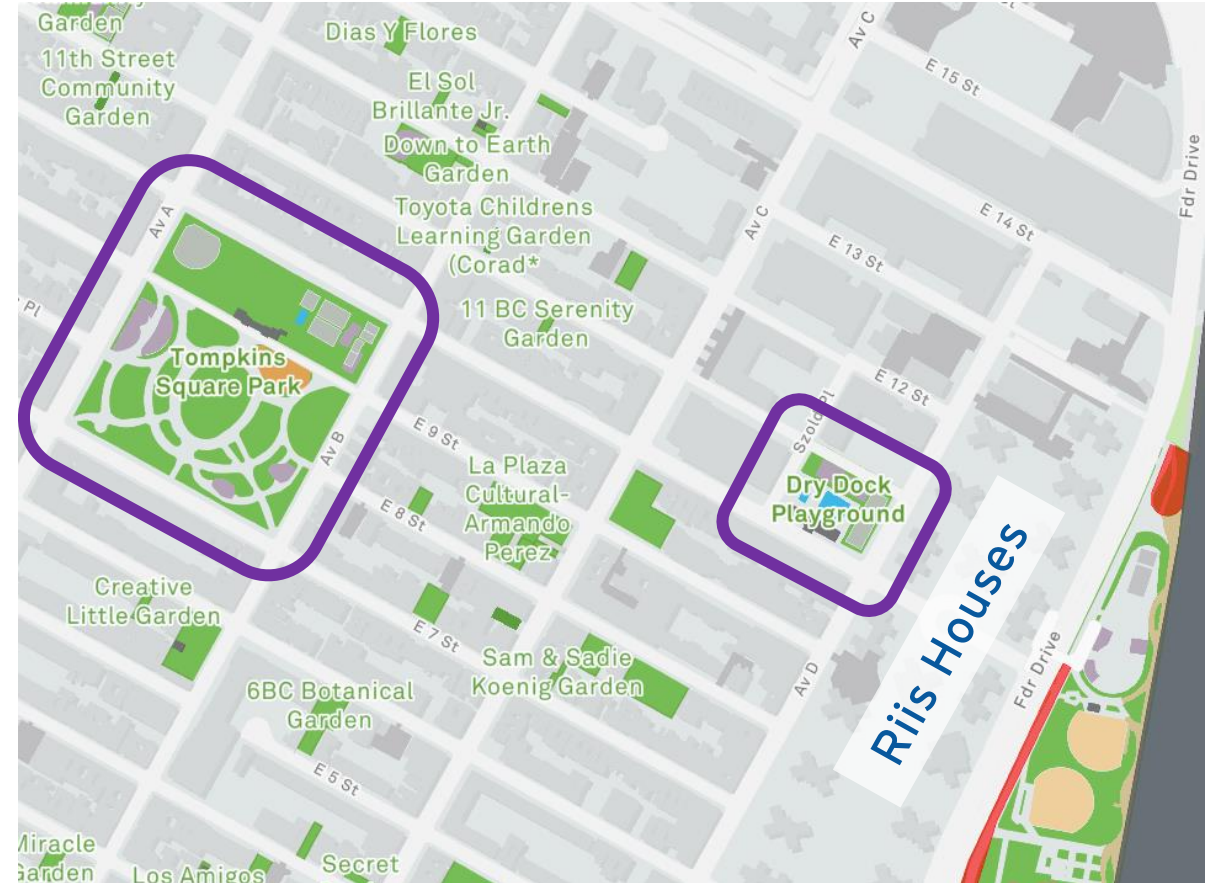
Rendering of northern portion of **East River Park**



PA1 | What We've Heard

ALL WORK IS SUBJECT TO CHANGE

- Sidewalk restoration and storage areas
 - ESCR team is reviewing whether sidewalk west of traffic circle can be restored and re-evaluating storage areas
- Dust and dirt conditions
 - Water trucks will be dispatched this summer as needed, please contact CCLs if dust is excessive
 - More info on environmental monitoring in slides ahead
- Parks and recreation opportunities
 - NYC Parks recommends [Dry Dock Playground](#) and [Tompkins Square Park](#). Both have pools and playgrounds.
 - Park spaces in vicinity of ESCR: on.nyc.gov/44s5CJP



Upcoming Work in Vicinity of NYCHA Riis

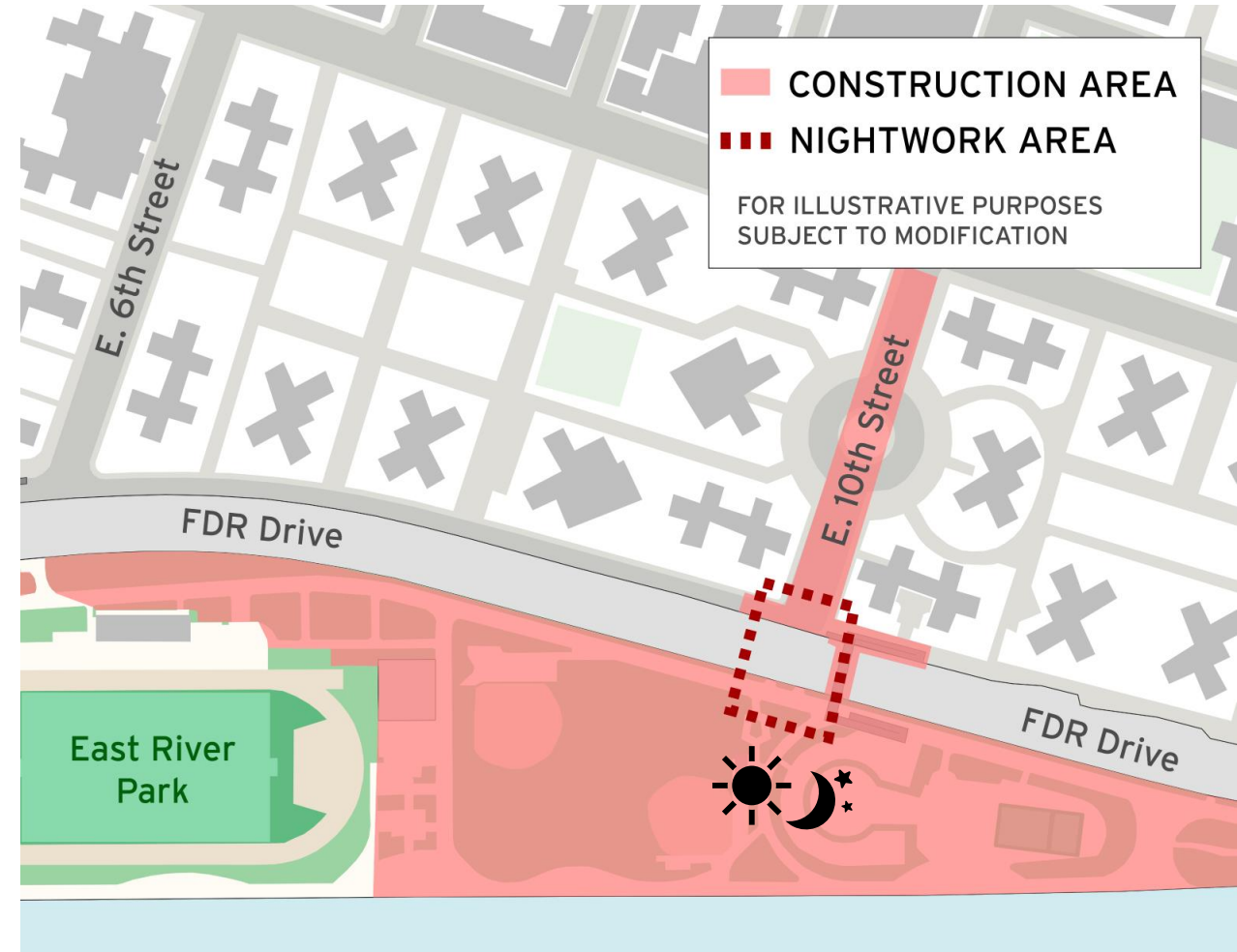
PA1 | E. 10th Street Utility Work and FDR Dr. Crossing

ALL WORK IS SUBJECT TO CHANGE

New utilities & manhole across FDR Dr.

- **Day & night work**
(night due to DOT permits & FDR closures)
- **Ongoing for 6 weeks**
- Excavations are expected to be noisy
- This work began last week, but noisier work is anticipated to begin in July (pending Con Ed coordination)
- All detours and road closures are closely coordinated with emergency services

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



ALL WORK IS SUBJECT TO CHANGE

- **Ongoing for 2-3 months**
- **Building access will be maintained at all times**
- Please follow all posted signs and flaggers
- All detours and road closures are closely coordinated with emergency services



PA1 | E. 10th Street Bridge Removal

ALL WORK IS SUBJECT TO CHANGE

- Overnight July 13, 2025, 12:01am (new date)
- Ongoing day and night work after initial closure
- Most removal work must be conducted at night due to DOT permits and FDR Drive Lane closures
- This work will be noisy and disruptive
- Sequence of removal:
 - 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)

Old Delancey St. Bridge Removal



PA1 | New E. 10th Street Bridge: Renderings

ALL WORK IS SUBJECT TO CHANGE

Existing bridge



New bridge to be installed under ESCR



PA1 | New E. 10th Street Bridge: Renderings

ALL WORK IS SUBJECT TO CHANGE

Existing bridge

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

→ Traffic Pattern
E. 10th St. Sidewalks

FOR ILLUSTRATIVE PURPOSES
SUBJECT TO MODIFICATION

PA1 | E. 10th Street Bridge: Renderings

ALL WORK IS SUBJECT TO CHANGE



PA1 | E. 10th Street Bridge Approach Construction

ALL WORK IS SUBJECT TO CHANGE

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



E. 10th Street Bridge and Ramp Rendering

PA1 | Similar Work Activities

ALL WORK IS SUBJECT TO CHANGE



Working in close proximity to
Gouverneur Gardens



Pile installation for
Delancey St. Bridge

PA1 | E. 13th Street Floodwall

ALL WORK IS SUBJECT TO CHANGE

- Construction on floodwalls and floodgates near E. 13th Street will begin in second half of the year
- ESCR flood protection has deep foundations to provide structural integrity, which requires installing piles very deep into the ground
- This work will be noisy and disruptive
- Most construction will occur during the day
- Formal advisories will be issued when timeline is finalized



Environmental 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
- From November through May, there were 5 alerts over 60 minutes
- 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



★ Air Quality Monitor (Approx.)

■ Closed Construction Area

FOR ILLUSTRATIVE PURPOSES
SUBJECT TO MODIFICATION

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
- Pre-construction photos and settlement monitoring also ensure construction is not damaging structures

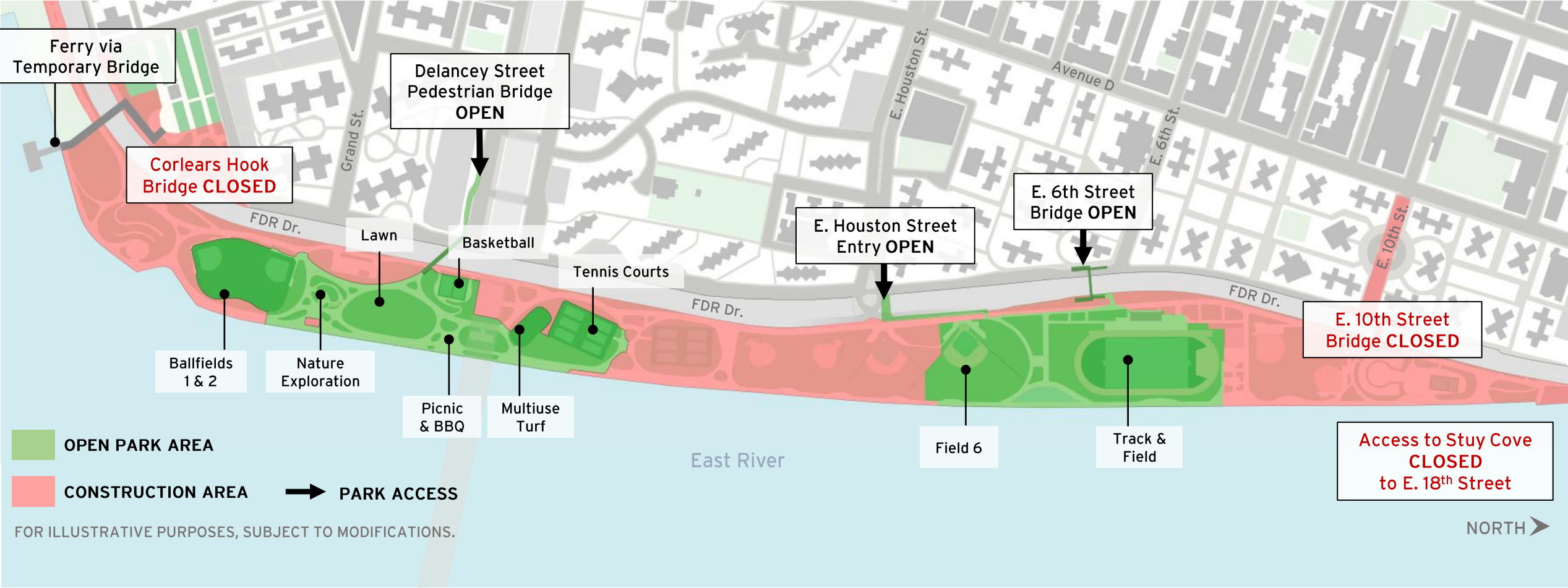
While vibrations can be unsettling to people, buildings are designed to withstand a high degree of vibration



East River Park Access & Amenities

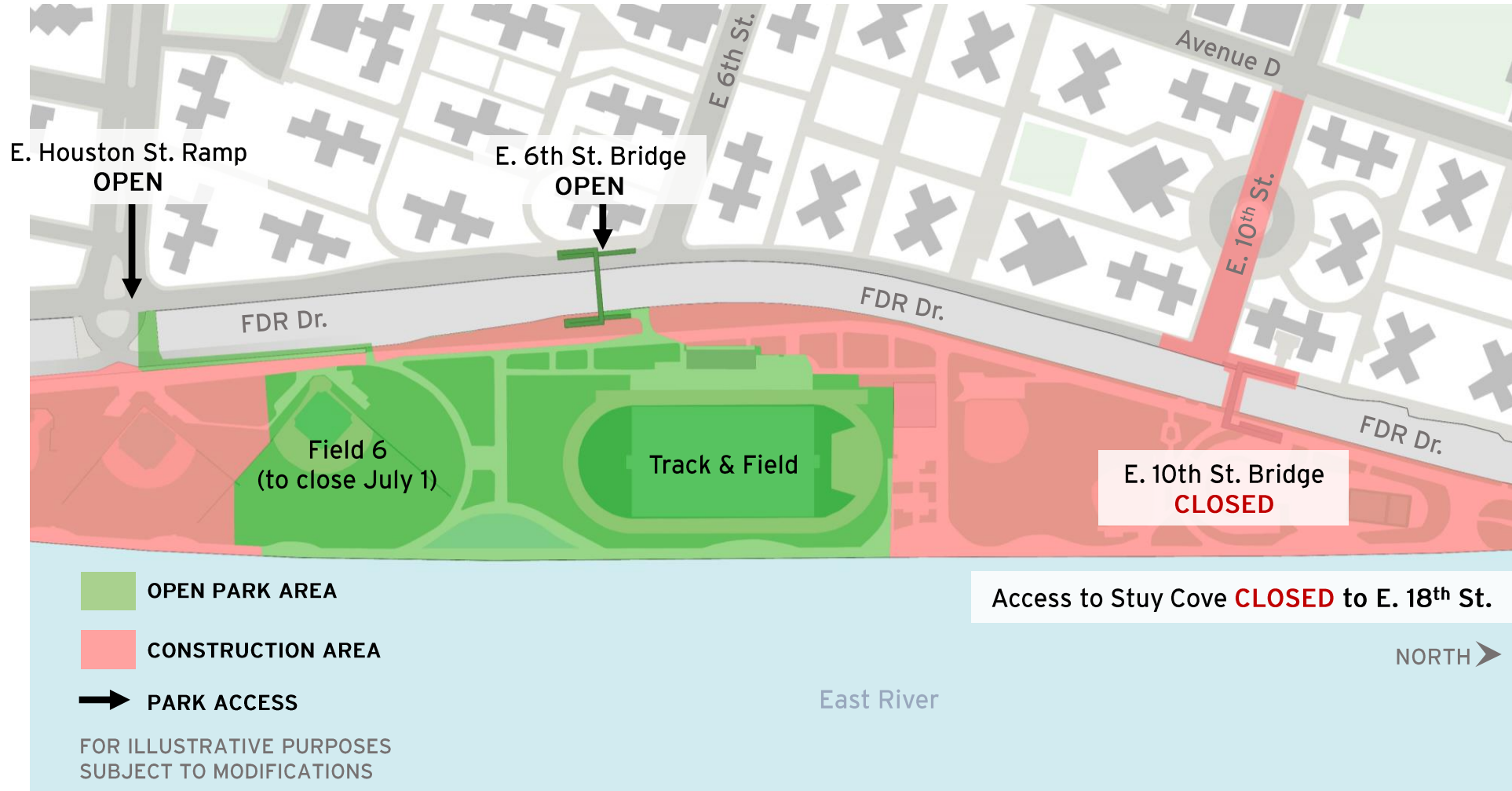
PA1 | East River Park Access Plan - Now

ALL WORK IS SUBJECT TO CHANGE



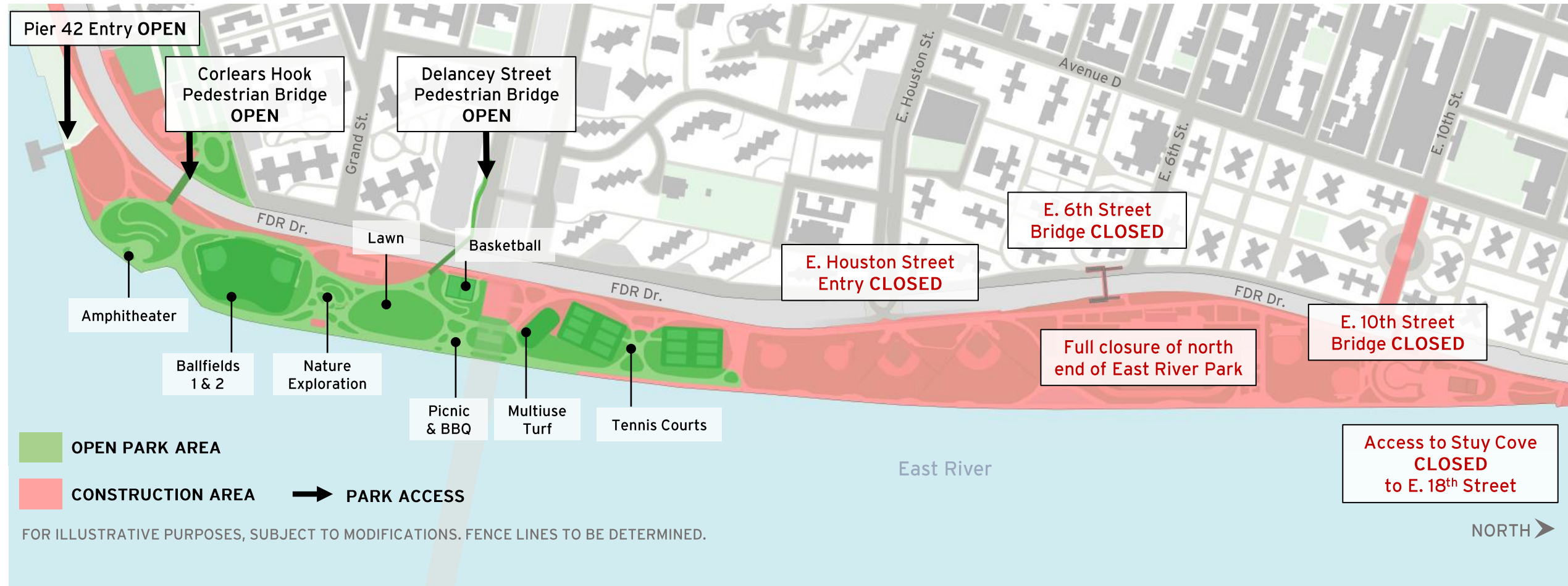
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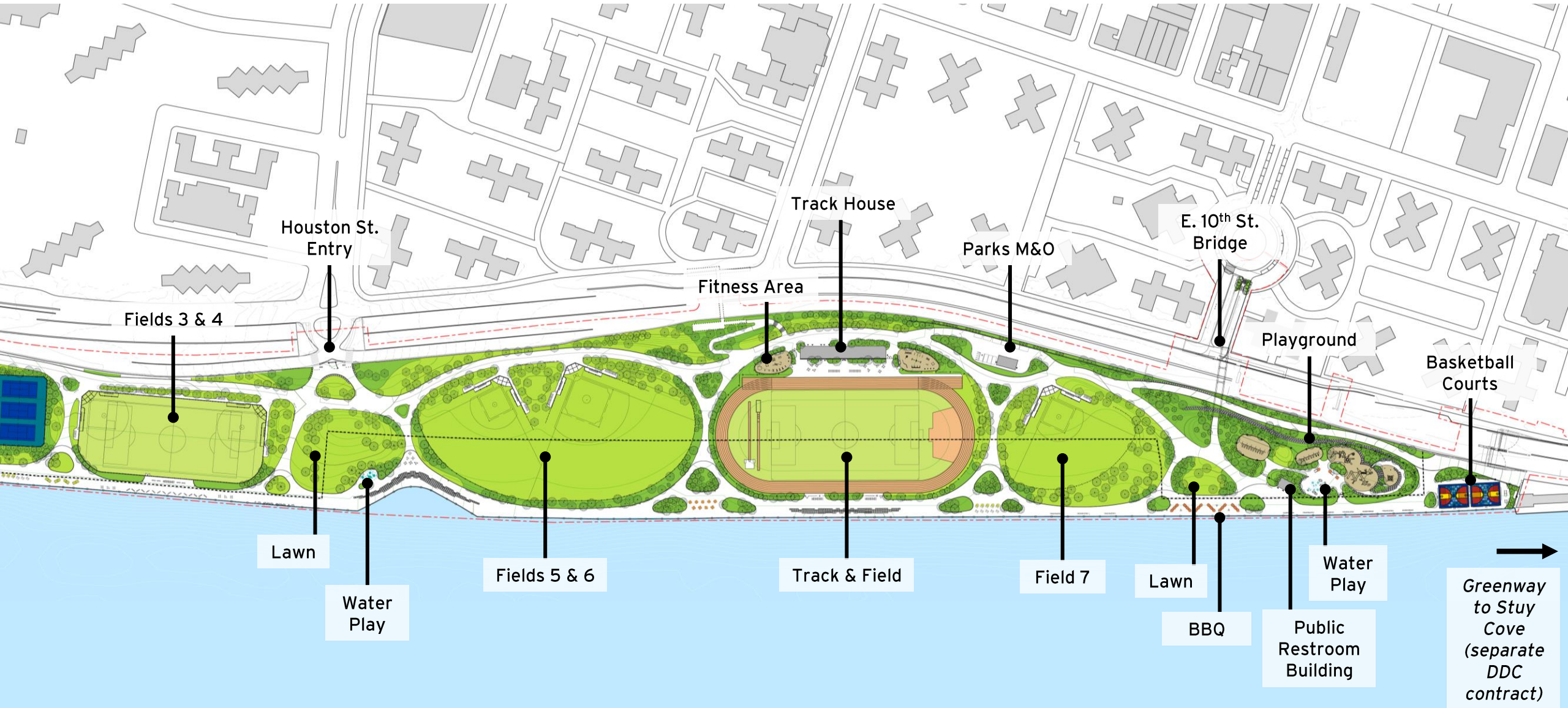
PA1 | East River Park Access Plan - September

ALL WORK IS SUBJECT TO CHANGE



PA1 | East River Park Future Amenities Overview

ALL WORK IS SUBJECT TO CHANGE



PA1 | ESCR Construction Notifications

nyc.gov/escr

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



Monthly Community Advisory Group (CAG) meetings

Bi-monthly Community Board 3 Parks Committee meetings

Community tabling

Construction Bulletin					East Side Coastal Resiliency
PROJECT AREA 1 – Two Week Look Ahead					www.nyc.gov/escr
06/20/25 – 07/05/25					
PROJECT#: SANDRESM1 BOROUGH: MANHATTAN UPDATE: 06/20/25					
The following is an anticipated work schedule for the upcoming week. However, due to unforeseen field and weather conditions, it may become necessary to change some scheduled work locations, operations, and dates. The community will be advised of changes.					
Weekend work and extended weekday working hours anticipated.					
Map Key	Date	Work Hours	Location	Operation	
1	06/20/25-07/05/25	8:00 am to 11:00 pm	Montgomery St. / South St. area	Ongoing floodwall construction, overhead sign structure installation, Montgomery St. parking lot sidewalk closed, see Advisory , Pedestrian detour at Montgomery St. and South St., see Advisory .	
2	06/20/25-07/05/25	7:00 am to 6:00 pm	East River Park Greenway & FDR Dr. between Montgomery St. & Jackson St.	Ongoing floodwall construction and utility work, FDR Dr. NB Montgomery St. on-ramp shifted, see Advisory .	
3	06/20/25-07/05/25	6:00 am to 5:00 pm	Corliss Hook Park Flagpole Area and Pedestrian Bridge	Installation of plants, park features, and finishes for new Corliss Hook Bridge. For access to ferry, use the temporary bridge at Corliss Hook Park, see Advisory .	
4	06/20/25-07/05/25	6:00 am to 10:00 pm	East River Park: South of Williamsburg Bridge	Explanade reconstruction, fence installation near Williamsburg Bridge. Phase 1 Amenities OPEN, see Advisory .	
5	06/20/25-07/05/25	7:00 am to 5:00 pm	FDR Drive Service Road between Grand St. and Delancey St. Bridge	Utility work, curb and sidewalk restoration.	
6	06/20/25-07/05/25	7:00 am to 11:00 pm	East River Park & Greenway: North of Williamsburg Bridge to E. Houston St.	North Tennis Courts construction, Explanade reconstruction, utility work, grading, and clean fill installation.	
7	06/20/25-07/05/25	7:00 am to 5:00 pm	East River Park: E. Houston St. Overpass	Ongoing retaining wall construction activities, Pedestrians use the Benich Pk. crosswalk to access the north ramp into the park, see Advisory .	
8	06/20/25-07/05/25	7:00 am to 5:00 pm	East River Park & Greenway: E. Houston St. to E. 10th Street	Entrances at E. Houston Street and E. 6th St. Bridge are open. E. 10th St. Bridge, park areas north of Track (including access to Stuyvesant Cove Park) CLOSED. Ongoing deep sewer work, floodwall construction.	

社区公告

项目 # SANDRESM1 | 行政区: 曼哈顿
东海岸防洪韧性项目 (East Side Coastal Resiliency Project) 旨在为曼哈顿东部提供长期洪水保护。

关闭东10街 东河公园北部 将于2025年5月

即将关闭的区域包括东10街人行天桥、东10街游乐场、篮球场和网球场。以及东河公园北部和史提夫森湾公园。计划于2025年7月1日将关闭的区域区域。届时将发布公告。

Questions? (Preguntas?) 问题? 项目区域社区联络人 (CCL) | Email: ESCRCL@escr.com | Pauline Chan, 中文中文咨询, 929-717-9015 | Vanessa Gomez, para mas informacion | Inquiries | Consulta en Linea | 线上咨询: www.nyc.gov/escr

NYC Department of Design and Construction

Aviso a la Comunidad

Proyecto # SANDRESM1 | Municipio: El Proyecto de Resiliencia Costera Initiative para proporcionar proteccion en el lado este de Manhattan.

Cierre del E. 10 y los Comodid del East River

Tan pronto como el martes, 27 de mayo. Los proximos cierres incluyen el E. 10th St. y el acceso al E. 10th St. playground, BBQ area y basketball courts. Northern esplanade & access to Stuyvesant Cove Park.

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NYC Department of Design and Construction

Community Advisory

Project # SANDRESM1 | Borough: Manhattan | Date: 05/14/2025
The East Side Coastal Resiliency (ESCR) Project is an initiative to provide long-term flood protection on the east side of Manhattan.

Closure of the E. 10th Street Bridge & East River Park North Amenities

As early as Tuesday, May 27, 2025
Upcoming closures include the E. 10th Street Pedestrian Bridge and areas north of the Track & Field including:
• E. 10th St. Playground, BBQ Area & Basketball Courts
• Northern esplanade & access to Stuyvesant Cove Park

Future scheduled closures include Field 6 on July 1, 2025, and the Track & Field area early September. Advisories to follow.

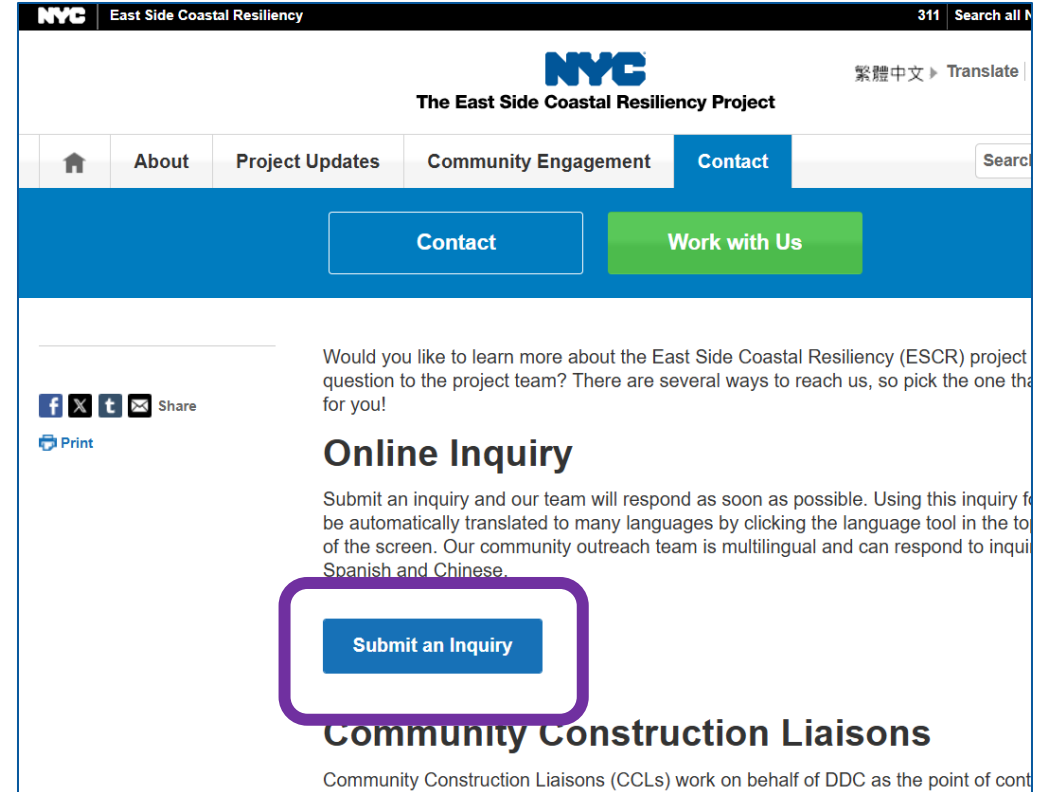
PLEASE NOTE: Due to unforeseen conditions (weather, field conditions, etc.) it may become necessary to change listed scheduled work locations and operations. During non-emergency hours emergency situations, please contact the New York City Department Services and Information Number (311) or Emergency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

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ESCR Inquiry Tool



nyc.gov/escr/contact

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How to Use the ESCR Inquiry Tool:

1. Describe your inquiry in the text box
2. Enter basic contact information at the bottom of the page
3. Click “Continue”

East Side Coastal Resiliency (ESCR)
The ESCR Project is a coastal protection initiative aimed at reducing flood risk due to coastal storms and sea level rise on Manhattan's East Side from Montgomery Street to East 25th Street. The project will strengthen 2.4 miles of urban coastline against floods and rising sea levels while providing social and environmental benefits to the community.

[Open Project Documents](#)

1) Please enter your inquiry below. * Required

Please do not place any personally identifiable information (name, phone, or email) within your comment.

2) Select any of the following topics that apply to your inquiry: (Select up to 3)

Accessibility/ADA Buildings/Bridges Bicycle Communications/Outreach Construction Site Environmental
Flood Protection Systems Noise, Dust, Vibration Parks & Recreation Pedestrian Access Pest Control
Planting/Trees/Wildlife Resiliency Safety Sidewalk & Street Closures Sustainability Traffic Transportation
Utilities Other

3) Do you have a specific question or concern that you would like a response to?

☒ Send me a response

6) Tell us about yourself:

Zip Code * Required Last Name * Required Email * Required

10009 Smith ESCRCCL1@ddccr.com

[CONTINUE →](#)

PA1 | Questions? ¿Preguntas? 问题?

How to Use the ESCR Inquiry Tool:

4. Add additional details
5. Subscribe to future updates
6. Please include “**Riis**” in the address field, so we can share information most relevant to you
7. Click “Submit” 



East Side Coastal Resiliency (ESCR)
The ESCR Project is a coastal protection initiative aimed at reducing flood risk due to coastal storms and sea level rise on Manhattan's East Side from Montgomery Street to East 25th Street. The project will strengthen 2.4 miles of urban coastline against floods and rising sea levels while providing social and environmental benefits to the community.

Please ensure that all of your information is current. Please enter all required information below and select “Continue”.

First Name * Required **Last Name** * Required

Email * Required **Phone Number**

☒ Subscribe to future updates on this project

(Optional) Address

City/Town * Required **State** **Zip Code** * Required

(Optional) Are you representing a Business?
☒ No ☐ Yes

(Optional) Stakeholder Type (choose the most applicable)

Primary mode of transportation (choose the most applicable)

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