

An aerial photograph of the East Side Coastal Resiliency project in New York City. The image shows a dense urban area with a grid of streets and buildings. A large body of water, likely the East River, is visible on the right side. A bridge structure is visible in the foreground, crossing the water. The text is overlaid on the image in white, bold, sans-serif font.

East Side Coastal Resiliency Construction Update

NYCHA Riis Tenant Association Meeting

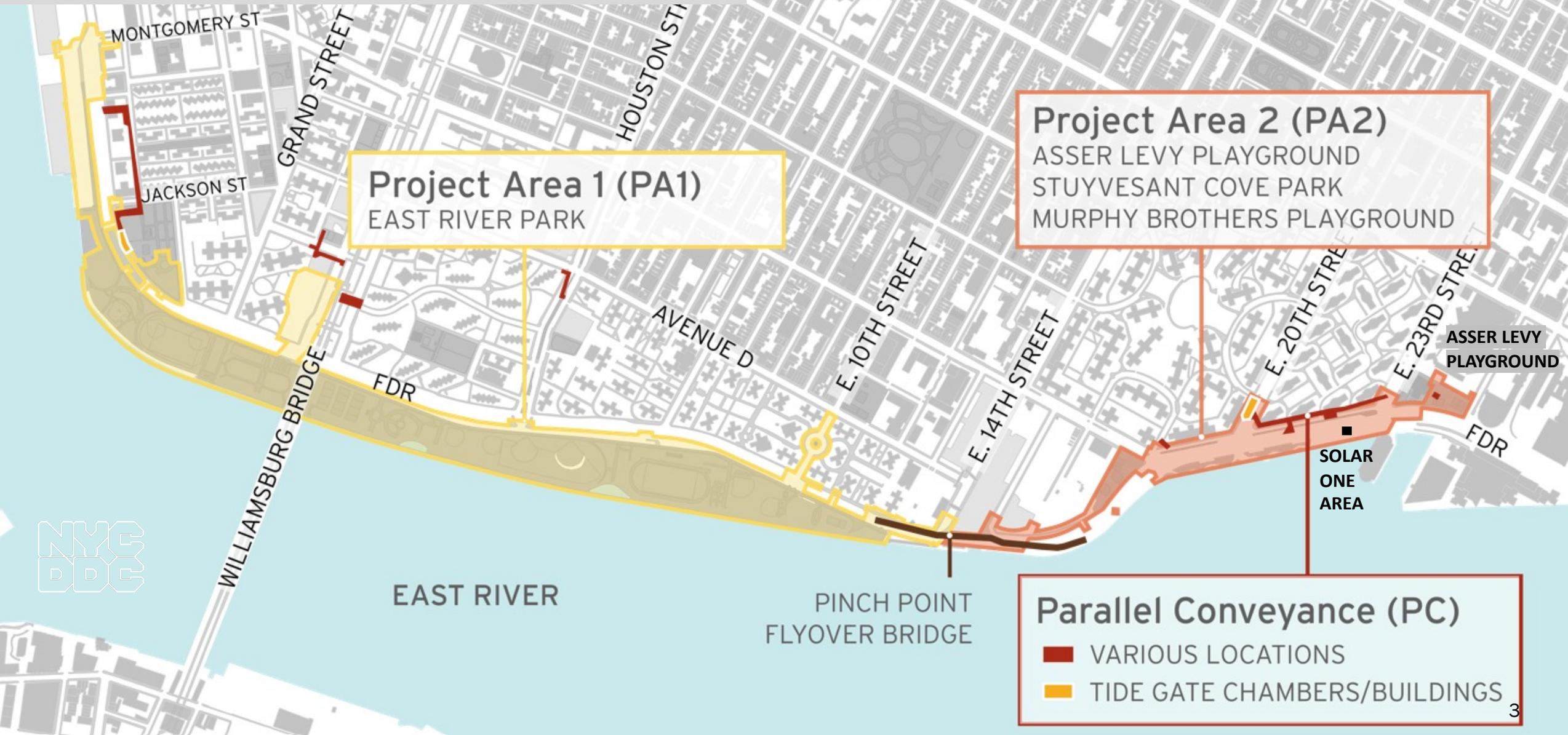
In-person
April 9, 2024



Highlights

- Overview of Contracts
- Project Area 1 Construction Updates
- E 10th Street work
- Air Quality Monitoring
- Community Impacts & Resources

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:** Delancey St. & Corlears Hook pedestrian bridges under construction. Use Corlears Hook temp. ped bridge
- **Ongoing work:**
 - ongoing utility work
 - floodwall activities ongoing as well as fill operation via barge
 - E. Houston St. retaining wall work
- **Amenities in progress:**
 - fields 1 & 2
 - phase 1 esplanade
 - nature exploration area

Project Area 2 (PA2)

NTP issued November 2020

- **Asser Levy Playground Open**
 - gate 18 installed
- **Stuyvesant Cove Park Open**
 - north of E 20th St. park and Greenway open – park closed around Solar One
 - south of E 20th St. park and Greenway open - punch list work ongoing
 - gates 9-17 installed
- **Murphy Brothers** under construction
- over 2,900 ft of floodwall installed
- Gate 7 and 8 installed

Parallel Conveyance (PC)

NTP issued September 2022

- **Corlears Hook Park**
 - prep work for interceptor gate chamber and building construction
 - utility relocations in progress
- **Houston and Delancey Streets**
 - subsurface investigations in progress
 - utility relocations in progress
- **Avenue C (E. 18 - E. 23) locations**
 - ConEd abatement in progress

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>

East River Park Construction

PA1 | 2024 Construction Activities

ALL WORK IS SUBJECT TO CHANGE

1. Esplanade removal and **reconstruction** activities along the waterfront. Deep sewer activities/pile install and park drainage work. Floodwall (Combi-wall) pre-drilling and installation. Fill material delivery by barge and placement onsite.
Ballfields 1 and 2 construction
Start of nature exploration construction
2. Delancey Street – bridge pier, foundation, and wall construction.
3. Construction for new Corlears Hook bridge.
4. **Passive lawn full closure for esplanade work and upcoming bridge staging.**
5. Utility work around Montgomery Street & South Street.
Begin floodwall construction in 2024.
6. Montgomery St. – Cherry St. Greenway floodwall activities.
7. E. Houston Street pile install. Pedestrian Detour Shift. Construction operations at ballfields 3, 4 & 5
8. Slip Ramps in use.
Preparation for microtunneling operations at E. 10th Street.
9. E 10th Street utility work and deep sewer work.
10. 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

FOR ILLUSTRATIVE PURPOSES
SUBJECT TO MODIFICATIONS



PA1 | Construction Photos



Buried flood wall, tiebacks, and cutoff wall north of Williamsburg Bridge - March 2024



Stairs and retaining wall in Corlears Hook Park - March 2024



Ballfields 1 and 2 Construction - December 2023



Nature exploration area - March 2024



Nature exploration area - March 2024



Placement of precast esplanade pieces - December 2023

E. 10th Street Construction

PA1 | Project Renderings at E10th Street



PA 1 | East 10th Street Construction Activities

ALL WORK IS SUBJECT TO CHANGE

COMPLETED WORK

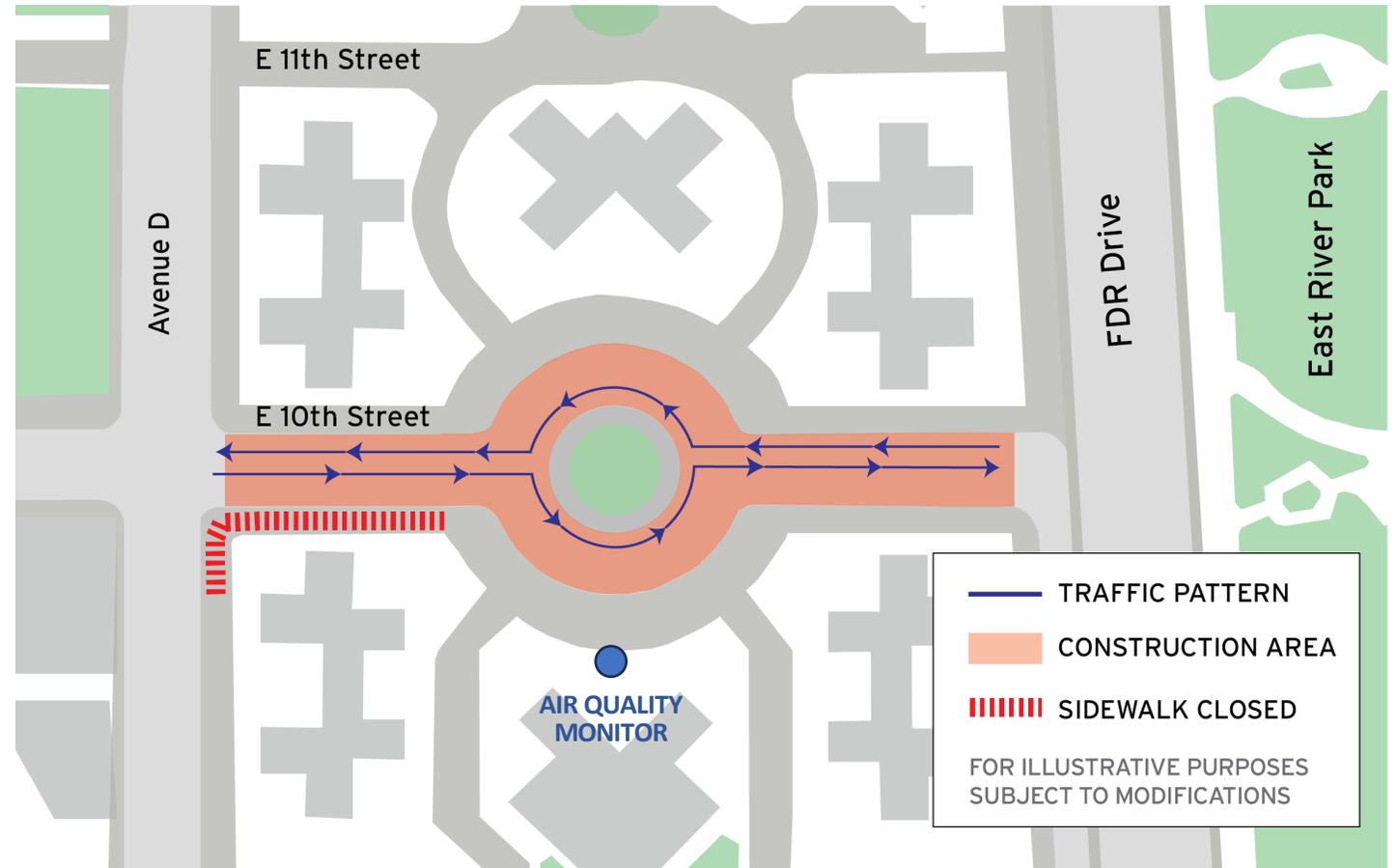
- ✓ MARCH – SEPTEMBER 2023: ConEd gas and steam work
- ✓ SUMMER 2023: ConEd electrical work

2024

- Continuation of new 42” sewer work on E 10th St. (south side of roundabout between FDR Dr. and Ave. D)
- New 42” sewer middle of E 10th St. between circle and FDR Dr.

2025

- E 10th Street Bridge demolition and reconstruction



PA1 | Construction Progress – Microtunneling

ALL WORK IS SUBJECT TO CHANGE

March 2024

- Extension of shared use path work zone north to 10th Street Bridge, including adjacent grass and sitting area

Why

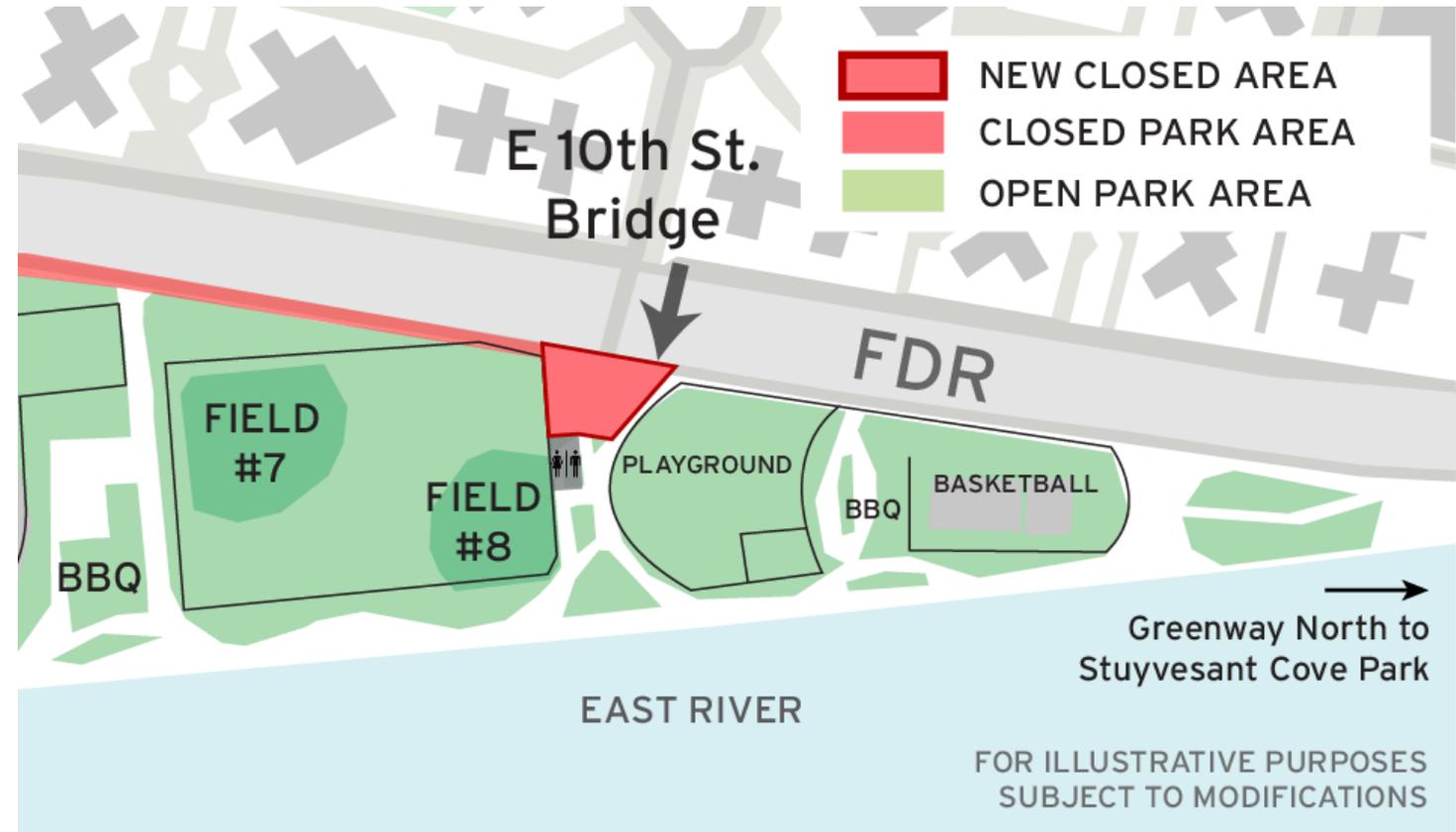
- To accommodate microtunneling operation under the FDR – to begin late April or May 2024
- New microtunnel will house critical sewer connection between park and residential sides of FDR

Duration

- Operation is expected to take four months

Open Space Commitment

- Open space change: 42.3% to 42.1%



PA1 | Construction Progress – Microtunneling

ALL WORK IS SUBJECT TO CHANGE



Example of microtunnel boring machine used in trunk main installation

Typical Community Impacts

ALL WORK IS SUBJECT TO CHANGE

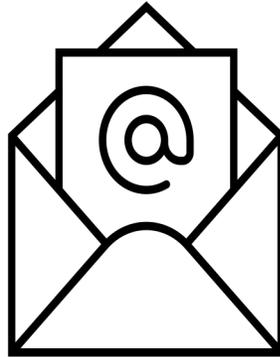
- **Detours and lane closures**
 - Vehicular travel lane closures, detours and new traffic patterns
 - Cyclists and pedestrian detours
 - Signage will be posted in advance within the affected areas. Traffic Enforcement Agents and flaggers will be present when necessary to assist vehicles and pedestrians
- **Public transportation will be maintained at all times including Ferry landings**
- **Emergency vehicle access will be maintained at all times**
- **Water Service Interruptions:**
 - During the project there may be some service interruptions. To allow for water line replacement, existing water service must be temporarily shut off.
 - Advance notice will be provided before any service interruption. Water service will be restored at the end of each night.



DDC Resiliency Water Shutdown Notification Process

ALL WORK IS SUBJECT TO CHANGE

- CCL is responsible for coordination with building management
- CCL can provide flyers to post in buildings
- Building residents can join mailing list for water shutdown notifications
- Building Management is ultimately responsible for notification to residents
- After 72-hr advisory outlines shutdown timeline, 24-hr notices issued for each subsequent shutdown in the work period



Community Advisory

Project # SANDREPC | Borough: Manhattan | Issue Date: 5/16/2023

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

Water Main Replacement

Starting May 23, 2023, for approximately three (3) weeks

- From 8:30am - 4:30pm
- Water St. between Jackson St. and Gouverneur Slip E.

These temporary water main shutdowns are necessary to facilitate the replacement of a 12" distribution water main pipe which will be replaced in sections along Water St. Official DEP notices with instructions will be provided to before any service interruptions. For your safety, please follow on-site signage and flaggers.

IMPACT AREA

FOR ILLUSTRATIVE PURPOSES SUBJECT TO MODIFICATIONS

Questions? ¿Preguntas? 问题? PC Community Construction Liaison (CCL) | Email: Taniah.Riskin | Tel: 312-6660 Inqui? | Consulta en Linea | 线上咨询 | www.nyc.gov/esr/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, please contact the New York City Department of Design and Construction at 311 for non-emergency city services.

NYC Department of Design and Construction

~ 1-2 weeks

Notify Elected Officials & CBs of anticipated water main work.

~ 1-2 weeks

Community Advisory Gives approximate time frame and purpose of water main work.

Department of Design and Construction

OFFICE OF COMMUNITY OUTREACH AND NOTIFICATION

www.nyc.gov/ocn twitter.com/nyccommadv

COMMUNITY ADVISORY

PROJECT NAME: Brooklyn Bridge-Montgomery Street

PROJECT#: SANDTW08R

BOROUGH: Manhattan

ADVISORY ISSUED: March 22, 2023

WATER MAIN SHUTDOWN

- Pike Slip b/t Cherry Street & South Street
- South Street b/t Market Slip & Jefferson Street

Monday, March 27, 2023

for up to five (5) DAYS

8:00AM - 5:00PM

A water main shutdown will be performed to allow the contractor to remove the existing water mains and replace the system with new pipes in the intersection of South Street and Pike Slip.

If you have any questions, concerns, or would like to learn more about this DDC Project, please call the Community Construction Liaison:

Manjha Gupte CCL at Mobile: 347-538-4266 or E-mail: Manjha.Gupte@nyc.gov

During non-construction hours please contact 311 for non-emergency city services.

PLEASE NOTE: Due to unforeseen conditions (weather, field conditions, etc.) it may become necessary to change some scheduled work locations and operations.

The NYC Department of Design and Construction is managing this project on behalf of the NYC Department of Environmental Protection.

ERI Adams Mayor

Thomas Foley, P.E. Commissioner

72 hour

Shutdown Advisory to potentially affected buildings' management Gives expected time frame.

NYC Department of Design and Construction

OFFICE OF COMMUNITY OUTREACH AND NOTIFICATION

www.nyc.gov/ocn twitter.com/nyccommadv

WATER SHUT OFF NOTICE

ATTENTION:

THE WATER IN THIS BUILDING WILL BE SHUT OFF DUE TO CONSTRUCTION

ADDRESS: 253 South St

CONSTRUCTION DATES: Thursday April 13

SHUT OFF TIMES: 8:00 AM - 5:30 PM

PROJECT #: SANDTW08R

RESIDENT ENGINEER: OMAR OKESH

COMMUNITY CONSTRUCTION LIAISON:

PRE-CONSTRUCTION INSTRUCTIONS:

HOMEOWNERS - SUPERINTENDENTS

- Shut off the main house water - Shutting off the main water will be your responsibility. Shutting off the main water will be your responsibility. Shutting off the main water will be your responsibility. Shutting off the main water will be your responsibility.
- Shut off all appliances that require constant water, such as some air conditioners.
- Check to make sure there is a sufficient amount of water in the steam boiler.
- Store enough water for all household needs.

POSSIBLE WATER SHUT OFF IMPACTS:

RESIDENTS:

Discolored water

If your water looks brown or yellow, this discoloration is a temporary condition and does not indicate the presence of harmful chemicals. Please do not drink or cook with discolored water and run the faucet until clear and cold.

CONFIRMED WATER MAIN SHUTDOWN

• Water Street b/w Gouverneur Slip E. & Jackson St.

Wednesday, May 31st, 2023.

8:30AM - 4:30PM

This temporary water main shutdown (weather and field conditions permitting) is necessary to facilitate the replacement of a 12" distribution water main pipe. Official notices with instructions will be provided to all impacted buildings before any service interruptions.

If you have any questions, concerns, or would like to learn more about this DDC Project, please contact the Community Construction Liaison:

Manjha Gupte CCL at Mobile: 347-538-4266 or E-mail: Manjha.Gupte@nyc.gov

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The NYC Department of Design and Construction is managing this project on behalf of the NYC Department of Environmental Protection.

ERI Adams Mayor

Thomas Foley, P.E. Commissioner

24 hour

Confirmed Shutdown Notice to buildings' management. Provides detailed time of shutdown.



PA1 Air Quality Monitoring

- Air, noise, and vibration 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.

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



Environmental Monitoring

Community health and safety is of the utmost importance to the City of New York, the NYC Department of Design and Construction (NYC DDC), and the East Side Coastal Resiliency (ESCR) team.

There are several reportage methodologies the team provides on the ESCR Environmental Monitoring Webpage: <https://www.nyc.gov/site/escr/project-updates/environmental-monitoring.page>

1. Fact sheet in 3 languages
2. Quarterly Reports
3. Monthly CAG Summaries

You can listen to the CAG updates on the ESCR CAG page: <https://www.nyc.gov/site/escr/project-updates/community-advisory-group.page>



NYC East Side Coastal Resiliency 311 Search all NYC.gov websites

NYC The East Side Coastal Resiliency Project

한국어 Select Language Text-Size

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Environmental Monitoring

PA1 Construction Notices

PA2 Construction Notices

PC Construction Notices

Environmental Monitoring

Presentations

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Air Quality

Community health and safety is of the utmost importance to the City of New York, the NYC Department of Design and Construction (NYC DDC), and the East Side Coastal Resiliency (ESCR) team. The ESCR project is committed to providing the community with quarterly air quality monitoring summaries throughout construction. In addition to the monitoring, the team has implemented a multi-level approach to Air Quality Management, described in greater depth within the report, which includes:

1. Air Quality Management Plan
2. Daily Air Quality Mitigation Techniques
3. Daily Air Quality Monitoring
4. Air Quality oversight by environmental specialists

For a quick overview of Air Quality Monitoring for the East Side Coastal Resiliency Project, see the ESCR Air Monitoring factsheet.

Project 1 Area Monitoring Reports

- 4th Quarter 2022 SANDRESM1 Air Quality Monitoring Report
This report covers the monitoring period of October 2022-December 2022 for Project Area 1.
- 3rd Quarter 2022 SANDRESM1 Air Quality Monitoring Report
This report covers the monitoring period of July 2022-September 2022 for Project Area 1.
- 2nd Quarter 2022 SANDRESM1 Air Quality Monitoring Report
This report covers the monitoring period of April 2022-June 2022 for Project Area 1.
- 1st Quarter 2022 SANDRESM1 Air Quality Monitoring Report
This report covers the monitoring period of January 2022-March 2022 for Project Area 1.

Project 2 Area Monitoring Reports

- 4th Quarter 2022 SANDRESM2 Air Quality Monitoring Report
This report covers the monitoring period of October 2022-December 2022 for Project Area 2.
- 3rd Quarter 2022 SANDRESM2 Air Quality Monitoring Report
This report covers the monitoring period of July 2022-September 2022 for Project Area 2.
- 2nd Quarter 2022 SANDRESM2 Air Quality Monitoring Report
This report covers the monitoring period of April 2022-June 2022 for Project Area 2.
- 1st Quarter 2022 SANDRESM2 Air Quality Monitoring Report
This report covers the monitoring period of January 2022-March 2022 for Project Area 2.
- Second Half 2021 Air Quality Monitoring Report
This report covers the monitoring period of July 2021-December 2021 for Project Area 2.
- First Half 2021 Air Quality Monitoring Report
This report covers the monitoring period of January 2021-June 2021 for Project Area 2.
- Original Report issued July 1, 2021 (does not include June 2021)

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Regular air monitoring updates are provided at Community Advisory Group (CAG) Meetings. The summary slides from those meetings have been assembled below:

- Download 2022 PA1 CAG Air Monitoring Summaries
- Download 2022 PA2 CAG Air Monitoring Summaries
- Download 2021 PA2 CAG Air Monitoring Summaries

PA1 | E. 10th Street Community Notification Board



Questions? ¿Preguntas? 问题?

PA1 Community Construction Liaison (CCL) | Email:
ESCRCL1@ddccr.com

Vanessa Gomez, for more information call/para más información llame, 347-628-8724

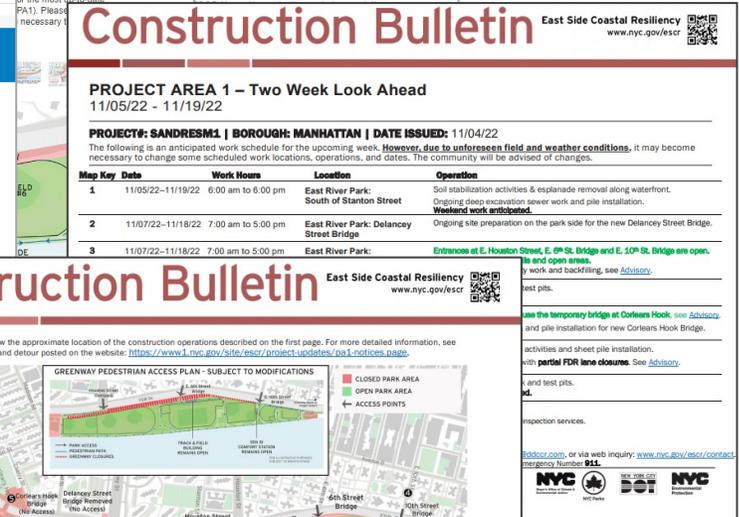
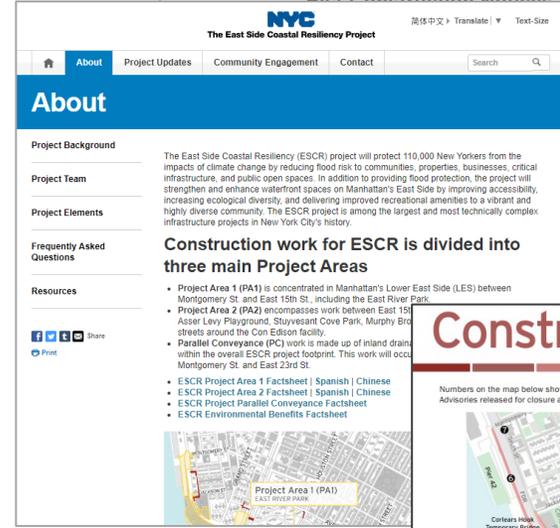
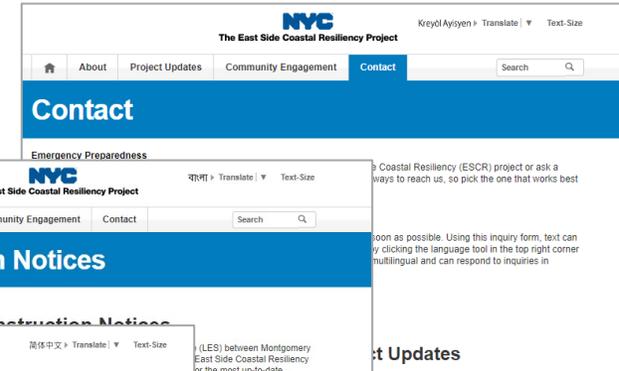
Pauline Chan, for more information call/欢迎中文咨询,
929-717-9015

Inquiries | Consulta en Línea | 线上咨询:
www.nyc.gov/escr/contact

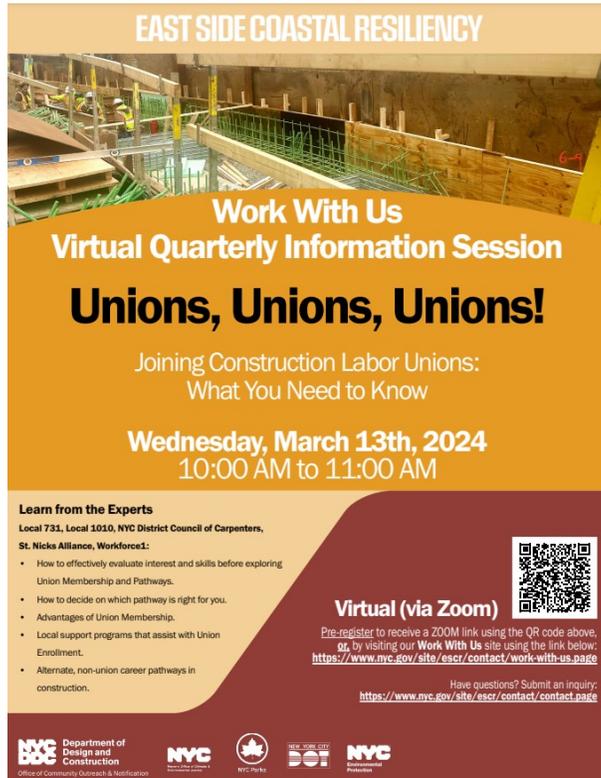
(left) Community Notification Board - located in flagpole area of roundabout on E. 10th Street between FDR Drive and Avenue D.

Community Outreach Resources

- Visit Us at: www.nyc.gov/escr
- Inquiry Tool: www.nyc.gov/escr/contact
- PA1 Community Construction Liaisons:
 - Vanessa Gomez, (347) 628-8724
 - Pauline Chan, (929) 717-9015
 - Email: ESCRCCL1@ddccr.com
- CB 3 Parks Meetings
- Tenant Association (TA) meetings
- On-site tabling
- On-site signage



Work With Us



EAST SIDE COASTAL RESILIENCY

Work With Us
Virtual Quarterly Information Session

Unions, Unions, Unions!

Joining Construction Labor Unions:
What You Need to Know

Wednesday, March 13th, 2024
10:00 AM to 11:00 AM

Learn from the Experts
Local 731, Local 1010, NYC District Council of Carpenters,
St. Nicks Alliance, Workforce1:

- How to effectively evaluate interest and skills before exploring Union Membership and Pathways.
- How to decide on which pathway is right for you.
- Advantages of Union Membership.
- Local support programs that assist with Union Enrollment.
- Alternate, non-union career pathways in construction.

Virtual (via Zoom)
Pre-register to receive a ZOOM link using the QR code above, or, by visiting our **Work With Us** site using the link below:
<https://www.nyc.gov/site/escr/contact/work-with-us.page>

Have questions? Submit an inquiry:
<https://www.nyc.gov/site/escr/contact/contact.page>

Logos: NYC Department of Design and Construction, NYC, NYC Parks, NYC 311, NYC Environmental Protection

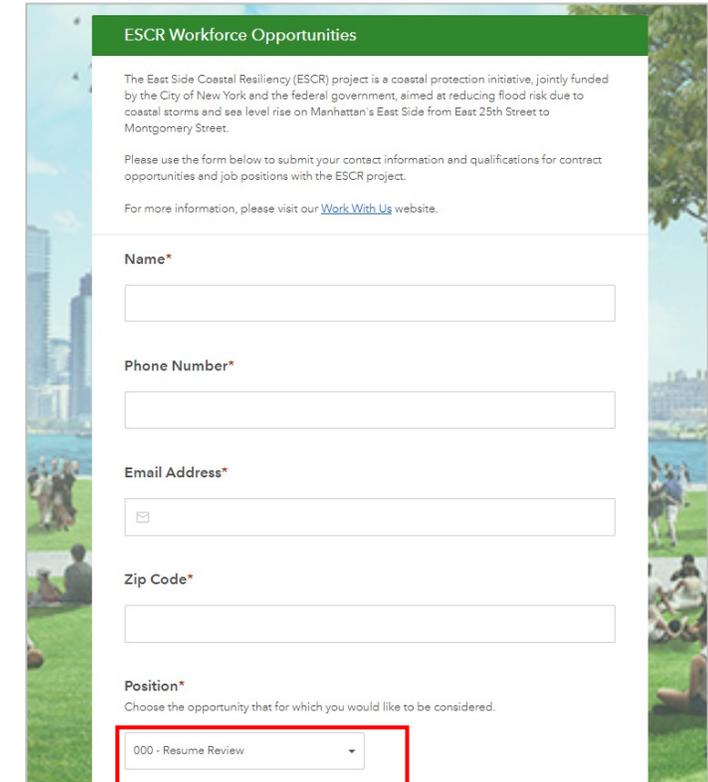
Flyer for recent WWU Quarterly Event



- Visit us at:
<https://www.nyc.gov/site/escr/contact/work-with-us.page>
- ESCR and other local employment resources
- Current ESCR job openings
- Online portal with to apply or have your resume reviewed
- Quarterly Work With Us events featuring local partners, employers, unions and more!
- Tabling events with Workforce1



Tabling event with Workforce1 – July 2023



ESCR Workforce Opportunities

The East Side Coastal Resiliency (ESCR) project is a coastal protection initiative, jointly funded by the City of New York and the federal government, aimed at reducing flood risk due to coastal storms and sea level rise on Manhattan's East Side from East 25th Street to Montgomery Street.

Please use the form below to submit your contact information and qualifications for contract opportunities and job positions with the ESCR project.

For more information, please visit our [Work With Us](#) website.

Name*

Phone Number*

Email Address*

Zip Code*

Position*
Choose the opportunity that for which you would like to be considered.

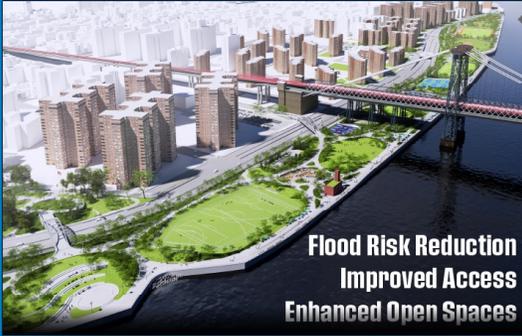
000 - Resume Review

Online application and resume Review Portal

NYC East Side Coastal Resiliency 311 Search all NYC.gov websites

NYC The East Side Coastal Resiliency Project 简体中文 Translate Text-Size

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**Flood Risk Reduction
Improved Access
Enhanced Open Spaces**

LEARN MORE
Construction on the East Side Coastal Resiliency project will begin in Fall 2020. Learn more about where construction will occur and how to receive updates throughout the project.

East Side Coastal Resiliency

The East Side Coastal Resiliency (ESCR) Project is a coastal protection initiative, jointly funded by the City of New York and the federal government, aimed at reducing flood risk due to coastal storms and sea level rise on Manhattan's East Side from East 25th Street to Montgomery Street. The boundaries of this project correspond with the natural "pinch-points" in the 100-year floodplain: areas where the land is higher along the coastline, making it easier to close the system off from water entering from the north and south. The project design integrates flood protection into the community fabric, improving waterfront open spaces and access, rather than walling off the neighborhood. Construction on the East Side Coastal Resiliency project will begin in Fall 2020 and continue through 2025.

<p>Construction Progress</p>	<p>Resiliency & Flood Protection</p>	<p>Project Background & Goals</p>	<p>Project Design</p>
<p>Construction Notices View our most recent community presentations for updates as we prepare for upcoming construction activities.</p>	<p>Resiliency and Flood Protection Learn more about ESCR's resiliency and the forward-thinking flood protection measures being implemented to protect 110,000 New Yorkers from the impacts of climate change.</p>	<p>Project Background and Goals Read about the history and background of ESCR, and the goals driving this technically complex infrastructure project.</p>	<p>Project Design From flood protection measures to bike lanes and ball fields, the ESCR project is improving open spaces and access in the Lower East Side while strengthening the city's coastline.</p>

NEED MORE INFORMATION?

VISIT US AT:
www.nyc.gov/escr

