

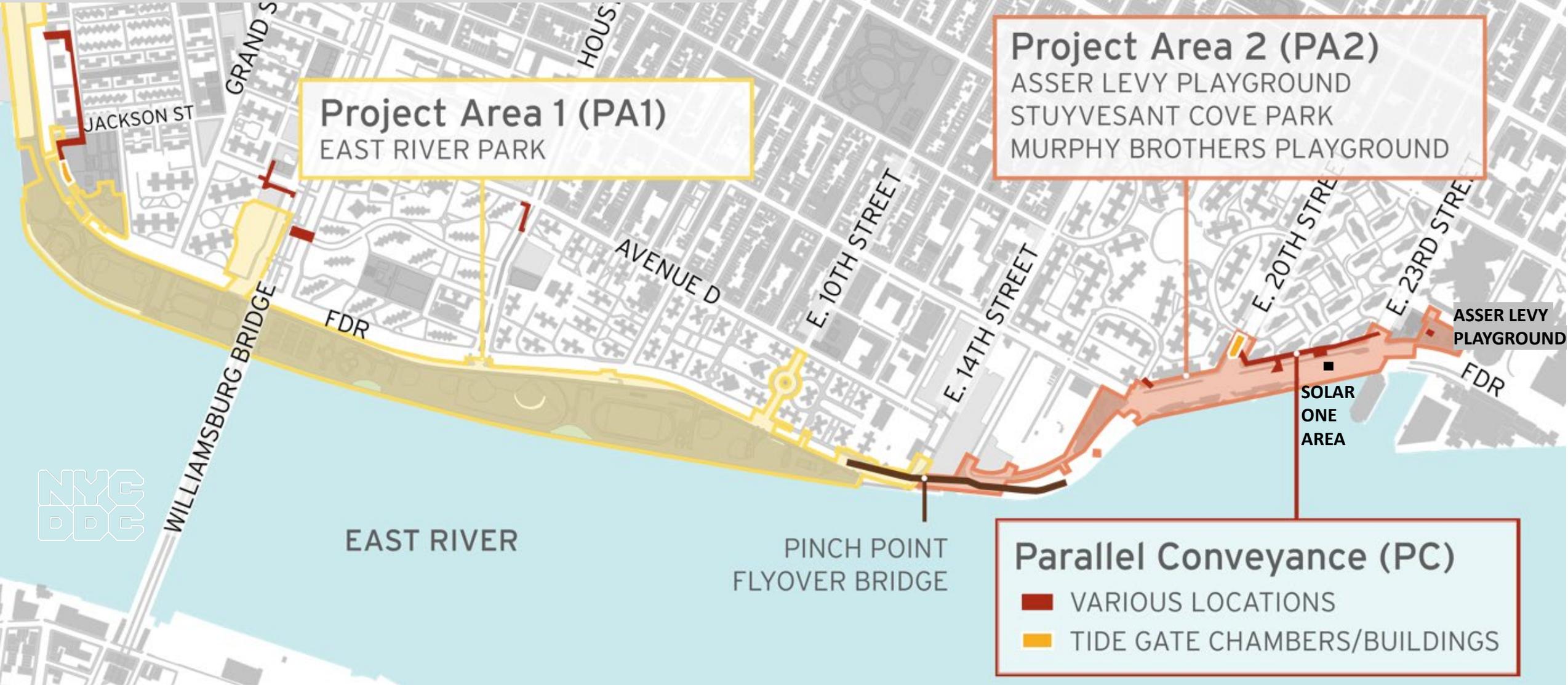
COMMUNITY ADVISORY GROUP (CAG)

Meeting #33

**East Side Coastal
Resiliency (ESCR)
Project**

Zoom Conference Call
Thursday May 25, 2023 | 4:00 pm

Project Area Overview



ESCR FOCUS AREA TOPICS

**CONSTRUCTION
PROGRESS/
APPROACH**

ENVIRONMENT

**ACCESS/
SIGNAGE/
SAFETY**

**PARK
AMENITIES**

**HIRING
COMPLIANCE**

**PROJECT
INFORMATION
DELIVERY**

**COMMUNITY
PROGRAMMING &
COORDINATION**

QUESTIONS?

HIRING
COMPLIANCE

Hiring Opportunities

We tabled at a **Job Fair Event** this morning hosted by Henry Street Settlement and partners. GOLES, multiple employers and community orgs. with resources were present.

Collaborating with DDC for **next info session event:** DDC led Panel discussion and Job Fair - July 24, 9 AM start. Flyer and more info to come.





- **Overview of Contracts**
- **Project Area 1 Construction Updates**
 - **PA1 Phasing Review**
 - **Environmental Monitoring**
- **Project Area 2 Construction Updates**
- **Parallel Conveyance Construction Updates**

Overview of Contracts

Project Area 1 (PA1)

- NTP issued August 2021
- Partial Closures:
 - East River Park south of Stanton St.
 - Greenway closure to E. 10th St.
 - Corlears Hook Park & passive lawn
- Delancey St. & Corlears Hook pedestrian bridges under construction. Use Corlears Hook temp. ped bridge
- ongoing ConEd Work
- esplanade removal and deep sewer work in progress. Wick drain install Phase 1 complete.
- floodwall construction activities ongoing
- O&M retaining wall in progress
- E. Houston St. retaining wall in progress

Project Area 2 (PA2)

- NTP issued November 2020
- 1,600 ft of floodwall installed
- **Asser Levy Playground Open**
 - Gate 18 installed
- **Stuyvesant Cove Park** including Solar One Area under construction
 - Gate 13, 14, 17 installed
 - site restoration north of E 20th St. underway - Greenway open
 - site restoration & flood gate work in progress south of E 20th St. – Greenway closed
- **Murphy Brothers** flood protection construction in progress

Parallel Conveyance (PC)

- NTP issued September 2022
- **subsurface investigations in progress**
- **water main replacement in progress**
- **to begin utility relocation**

VISIT PA1 GALLERY:

<https://www.nyc.gov/site/escr/project-updates/gallery.page>

VISIT PA2 GALLERY:

<https://www.nyc.gov/site/escr/project-updates/gallery.page>

PA1 | 2023 Construction Activities

ALL WORK IS SUBJECT TO CHANGE

1. Esplanade removal activities along the waterfront.
Deep sewer activities and pile install.
Floodwall (Combi-wall) installation.
Mid-June start for import of fill by barge.
2. Delancey Street utility, pile and abutment work.
3. Construction for new Corlears Hook bridge.
4. Passive lawn partial closure for utility work.
5. Utility work near Montgomery Street & South Street.
Begin floodwall construction in 2023.
6. Montgomery St. – Cherry St. Greenway floodwall activities.
7. E. Houston Street south retaining wall pile install.
8. ConEd work in Shared Use Path E. Houston Street to E. 10th Street
Slip Ramps in use.
9. E 10th Street utility 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.



PA1 | E. Houston Street Retaining Wall

ALL WORK IS SUBJECT TO CHANGE

Demolition and Reconstruction of E. Houston St. Retaining Wall

2023

- MAY: started removal of southern portion of ramp and sidewalk
- JUNE: pile install in southern area

2024

- Q1: build new south retaining wall
- Q3: removal of northern portion of ramp and sidewalk and start pile install

2025

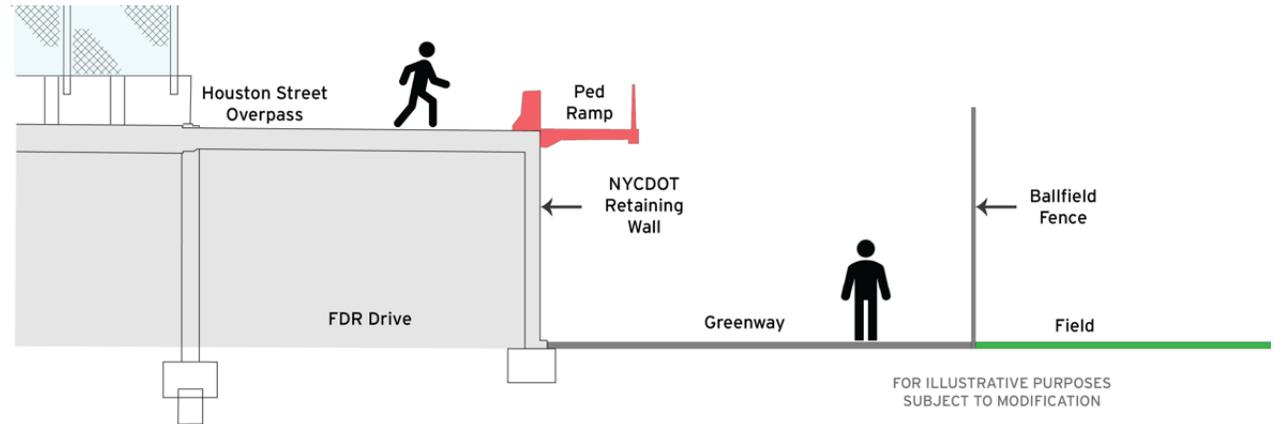
- Q3: build new north retaining wall

2026

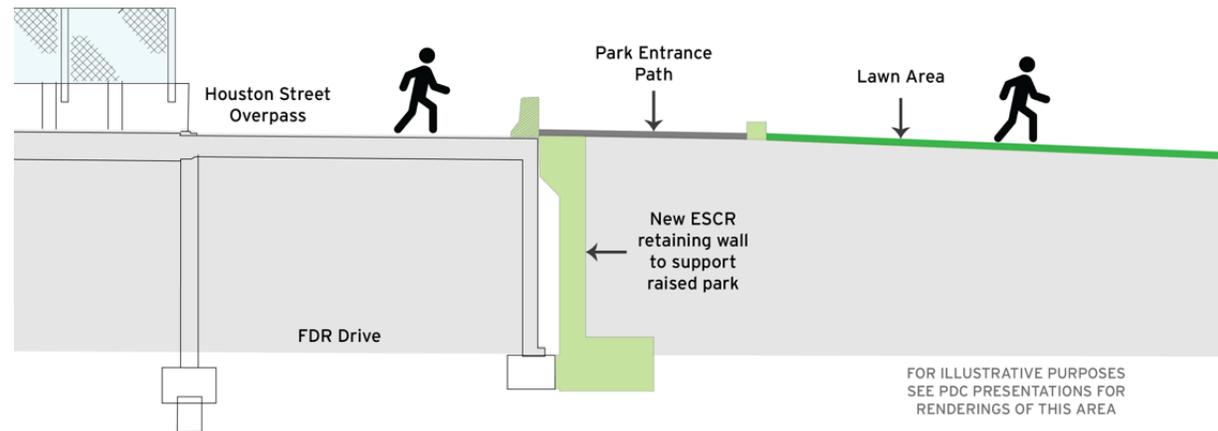
- final restoration of E. Houston Street

June 2022 CAG#22 page 18:

<https://www.nyc.gov/site/escr/project-updates/community-advisory-group.page>



Existing conditions



Proposed conditions

PA1 | What We've Heard

- **E. 10th Street Construction activities:** see CB3 presentation
<https://www.nyc.gov/site/escr/project-updates/presentations.page>
- **Pedestrian Signage:** Delancey Street pedestrian lane along FDR Service Road is not possible currently due to the existing construction
- **CAG Meeting Agenda!**



PA1 | Construction Approach Update

Accomplishments 2022 - 2023

- Averaged 52% Open Space
- Removal of Corlears Hook & Delancey Street Pedestrian Bridges
- Construction of Corlears Hook Temporary Bridge
- 85% of Phase 1 Deep Sewer work completed
- 100% of Phase I and Phase II Stone Column work completed
- Maintained limited public access on Shared Use Path
- Ongoing coordination with Parks on material salvaging
- Maintained Corlears Hook Ferry Access
- Parks/EDC opened Pier 42 Deck



Status

- The ESCR Program is on schedule to finish in 2026.
- The team continues to evaluate the schedule and available work areas to ensure timely completion while maintaining 42% Open Space access to the community.
- The updated phasing approach:
 - Maintains the two-phase approach, however for Phase I, the contractor is working north to south, instead of south to north as originally anticipated
 - This approach prioritizes higher risk and/or long duration operations
 - This prioritization reduces the likelihood of schedule slip
 - Opening dates for Phase I shift slightly, however the phasing realigns in Summer of 2024.

ESCR Work Prioritization & Acceleration

* October 2021, Preliminary Phasing was a guide to the approach. As work is progressing, there are opportunities to accelerate long duration operations to ensure timely construction completion.

1. PHASE I – WORK NORTH TO SOUTH - IN PROGRESS | Prioritization

- a) Why: To complete deep sewer utility work for fill operations to begin – period of fill settlement is unknown.
- b) How: Prioritizing Phase I northern work operations.
- c) Result: To complete work operations in parallel instead of linearly by completing southern work operations while fill to the north is settling.

2. PHASE II BALLFIELD #3 STONE COLUMN INSTALLATION & SEWER BYPASS - COMPLETED | Acceleration

- a) Why: To complete Phase I utility operations to not delay park openings. Complete stone column work for Phase I & Phase II.
- b) How: Temporary closure of Phase II Ballfield #3 to accelerate operations.
- c) Result: Minimized impact of Phase II work on Phase I.

Summer 2022



Pier 42 Deck Completion (Parks/EDC Project)

Restored Area for Open Space

SUMMER 2022 (October 2021 Preliminary Phasing)

FOR ILLUSTRATIVE PURPOSES ONLY SUBJECT TO CHANGE

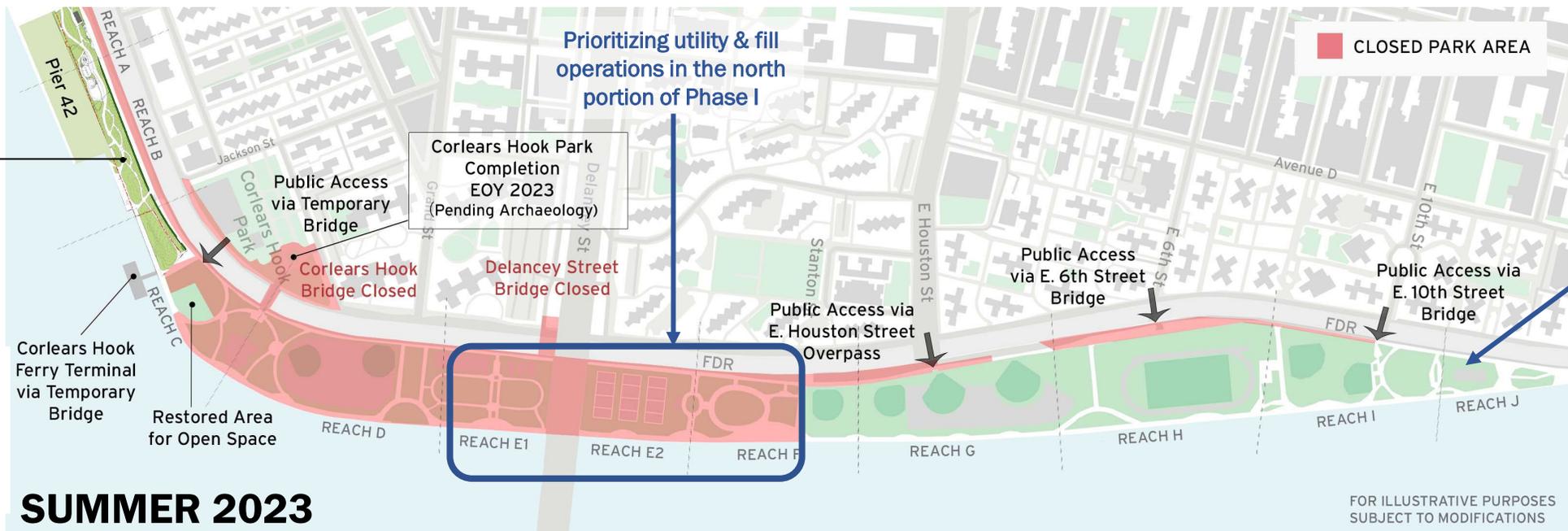
Pier 42 Deck (Parks/EDC)



SUMMER 2022

FOR ILLUSTRATIVE PURPOSES SUBJECT TO MODIFICATIONS

Summer 2023



Early Summer 2024

Pier 42 Deck Completion (Parks/EDC Project)



Pier 42 Deck & Upland Park complete



Winter 2024

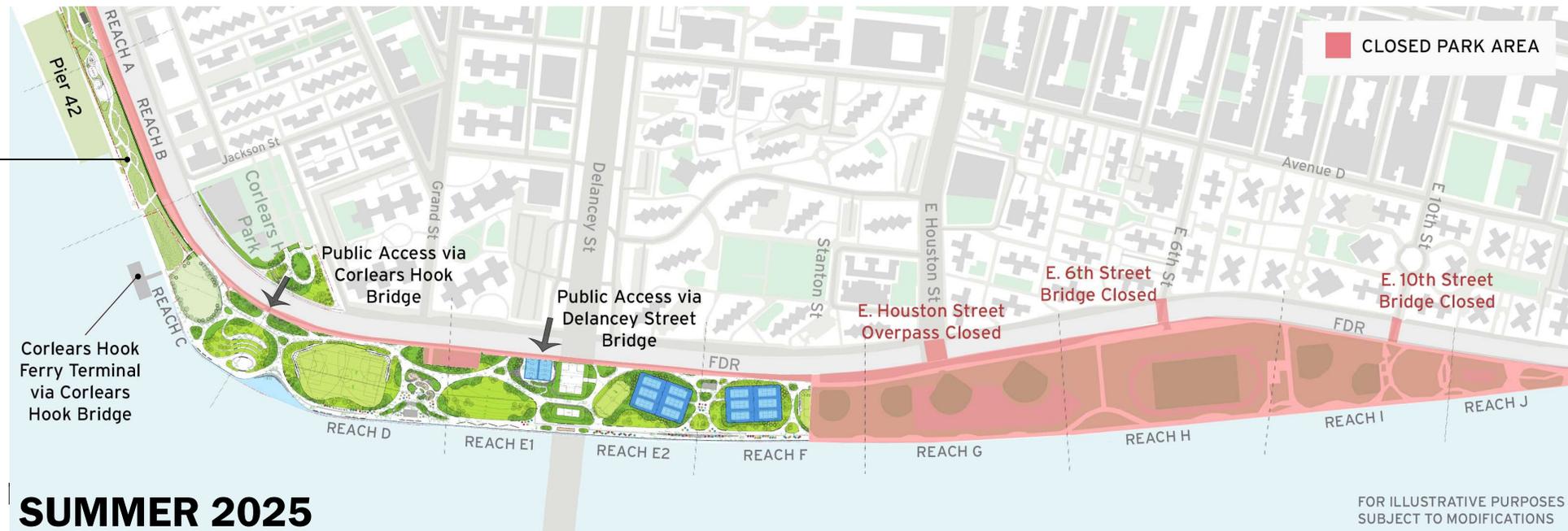


Summer 2025

Pier 42 Deck Completion (Parks/EDC Project)



Pier 42 Deck & Upland Park complete



Summer 2026

Pier 42 Deck Completion (Parks/EDC Project)



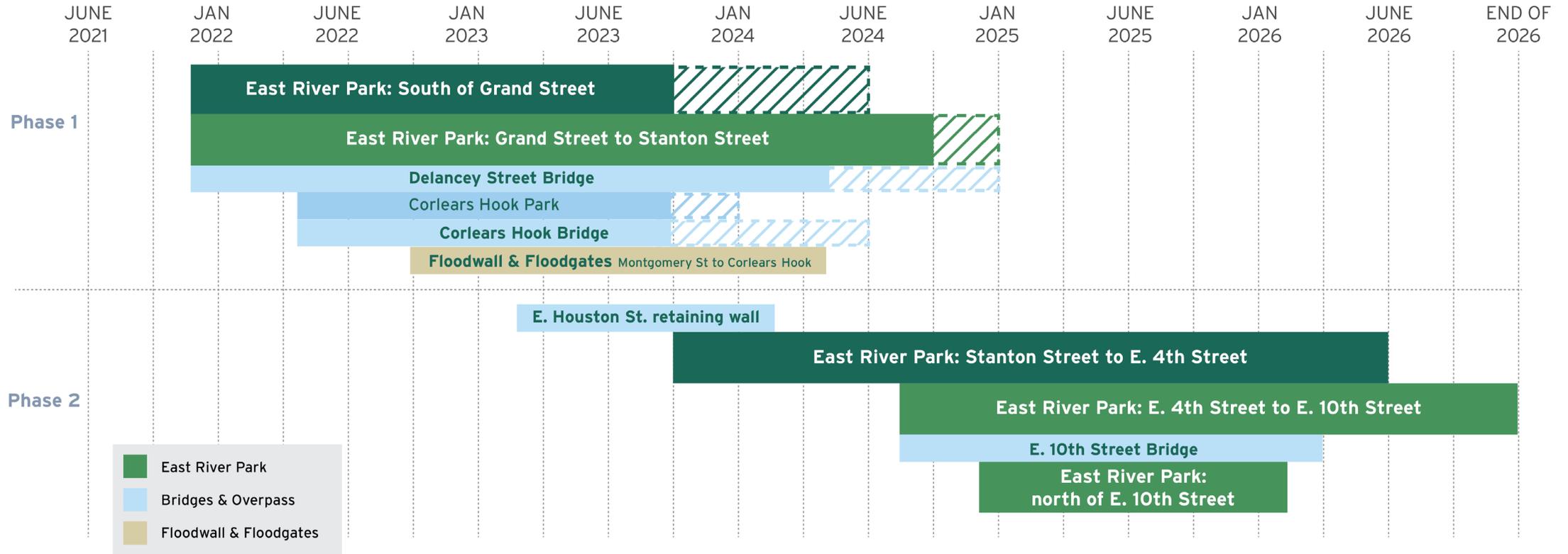
Pier 42 Deck & Upland Park complete



Late 2026 | Project Completion



PA1 | Updated Schedule





PA2 | Construction Progress

See 5/22/2023 CB6 Meeting Presentation:

<https://www.nyc.gov/site/escr/project-updates/presentations.page>

PA2 | Construction Progress

ALL WORK IS SUBJECT TO CHANGE

1. Asser Levy Playground

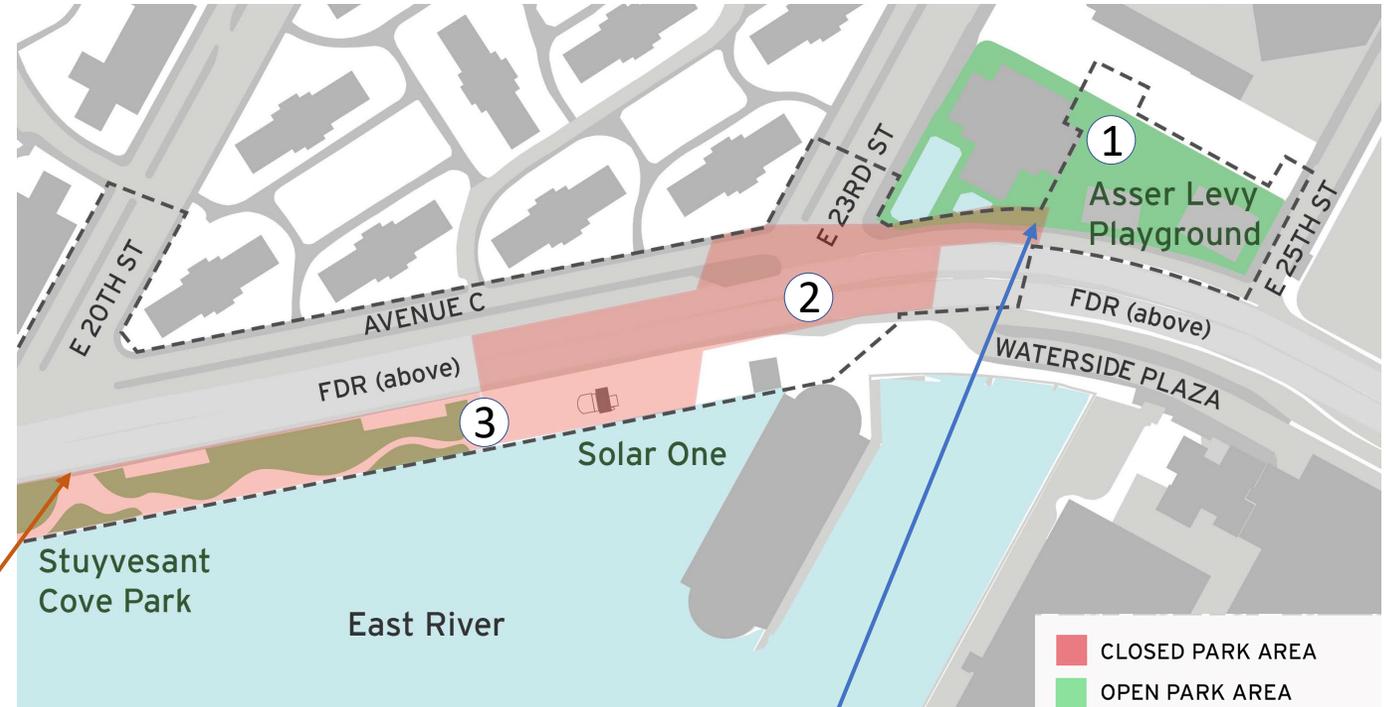
- opened to public
- floodwall and floodgate #18 installed

2. E 23rd St. Intersection:

- floodwall, curb and sidewalk construction ongoing
- Gate 17 installed

3. Stuyvesant Cove Park north of E 20th St.:

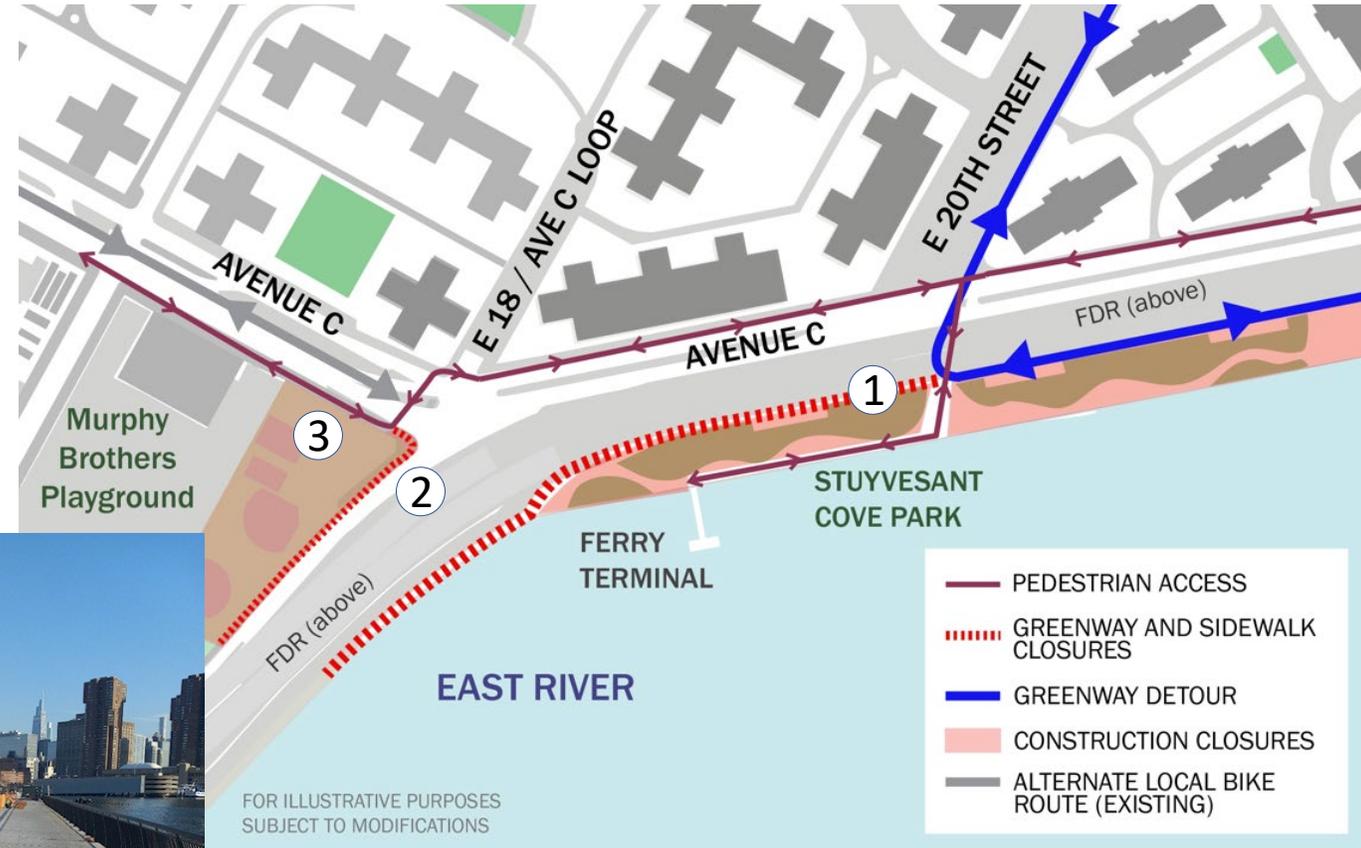
- Greenway open
- landscape iron rail fabrication in process
- Gate 13 installed
- **scheduled to reopen May 26, 2023**



PA2 | Construction Progress

ALL WORK IS SUBJECT TO CHANGE

1. Stuyvesant Cove Park south of E 20 St:
 - ongoing floodwall construction
 - ongoing Greenway construction
 - ferry access will remain open
 - scheduled to reopen June 2023
2. E 18th Street & SB FDR entrance ramp:
 - Floodwall construction ongoing
3. Murphy Brothers Playground
 - floodwall construction and pile installation
4. E 15th Street between Ave C and FDR Dr. within Con Edison
 - sewer replacement & test pits
5. Southbound shoulder of E 16th Street
 - Sewer work continues



PA2 | Construction Progress



Stuyvesant Cove Park

- **Area #1** – scheduled to reopen Friday May 26, 2023
- **Area #2** – scheduled to reopen June 2023 – without plantings. Plantings will be completed Fall 2023.
- **Greenway** connecting to East River Park anticipated to reopen in June 2023





ENVIRONMENT

Environmental Reporting Update Air Quality Monitoring (AQM)

PA1 AQM | Monitoring Locations

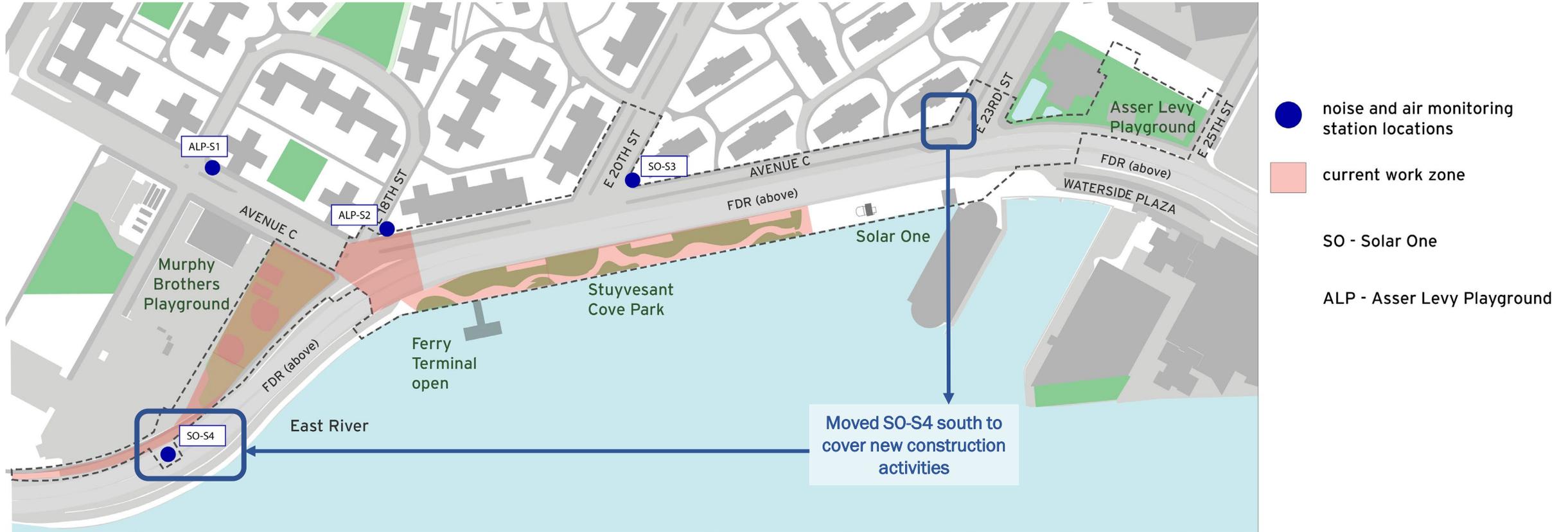


PA1 AQM | April 2023 Update

The PM daily value (24-hour TWA) **did not 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>Lubicacion</i> 位置	PM Size <i>PM Tamano</i> 颗粒物尺寸	Date / <i>Fecha</i> / 日期 BOLD = net exceedances 加粗 = 净超标 ATREVIDO = superaciones netas	Alert Duration (<i>minutes</i>) <i>Duracion de Aviso (minutos)</i> 预警持续时间 (分钟)	Cause <i>Causa</i> 原因	Mitigation <i>Mitigacion</i> 减缓措施
Montgomery Street to Jackson Street (AQM-GS, AQM-1, AQM-6, AQM-CHR, AQM-CH)	PM 2.5	4/13, 4/27 4/12, 4/16, 4/21, 4/25, 4/26, 4/27 4/17, 4/20 4/21	8 – 28 14 – 28 31 – 77 30	<ul style="list-style-type: none"> On-site construction activities On-site vehicle traffic Off-site construction activities Off-site vehicle traffic 	Dust suppression techniques applied
	PM 10	4/10 4/13 4/12, 4/16, 4/18, 4/25, 4/26, 4/27 4/17, 4/20 4/21	16 8 15 – 30 32 and 81 32	<ul style="list-style-type: none"> Anomalous reading On-site construction activities Construction vehicle traffic Off-site construction activities Off-site vehicle traffic 	<ul style="list-style-type: none"> None Dust suppression techniques applied
Jackson Street to Williamsburg Bridge (AQM-2, AQM-3, AQM-5, AQM-AT, AQM-FB, AQM-WB)	PM 2.5	4/2 4/17, 4/27, 4/28	16 15 – 33	<ul style="list-style-type: none"> Anomalous reading Construction activities 	<ul style="list-style-type: none"> None Dust suppression techniques applied
	PM 10	4/2 4/17	16 15	<ul style="list-style-type: none"> Anomalous reading Construction activities 	<ul style="list-style-type: none"> None Dust suppression techniques applied
Williamsburg Bridge to Northern Project Limit (AQM-4, AQM-WBN)	PM 2.5	4/6, 4/21, 4/25, 4/28	12 – 20	Construction activities and vehicle traffic	Dust suppression techniques applied
	PM 10	4/6, 4/12, 4/25	17 – 22	Construction activities and vehicle traffic	Dust suppression techniques applied
ConEd Utility Work/East River Park (AQM-HS, AQM-TH)	PM 2.5	4/12	18	Construction vehicle traffic	Dust suppression techniques applied
	PM 10	None	None	None	None
E 10 th Street (AQM-10S)	PM 2.5	None	None	None	None
	PM 10	None	None	None	None

PA2 AQM | Monitoring Locations



PA2 AQM | April 2023 Update

The PM daily value (24-hour TWA) **did not 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>Lubicacion</i> 位置	PM Size <i>PM Tamano</i> PM 尺寸	Date / <i>Fecha</i> / 日期 BOLD = net exceedances 加粗 = 净超标 ATREVIDO = superaciones netas	Alert Duration (<i>minutes</i>) <i>Duracion de Aviso</i> (minutos) 预警持续时间 (分钟)	Cause <i>Causa</i> 原因	Mitigation <i>Mitigacion</i> 减缓措施
Solar One (SO-S3)	PM 2.5	None	None	None	None
	PM 10	None	None	None	None
Murphy Brothers Playground (monitor name: Asser Levy Park) (ALP-S1, ALP-S2, SO-S4)	PM 2.5	4/5, 4/16 4/11, 4/14, 4/18, 4/22, 4/27, 4/28 4/25 4/6	6 – All Day* 5 – 80 15 All Day*	Non-construction activities Construction activities Off-site vehicle traffic Undetermined	None Dust suppression techniques applied None None
	PM 10	4/11, 4/18, 4/22, 4/27, 4/28	5 – 15	Construction activities	Dust suppression techniques applied

* = Assumed 3rd Party Source

PC | Construction Progress

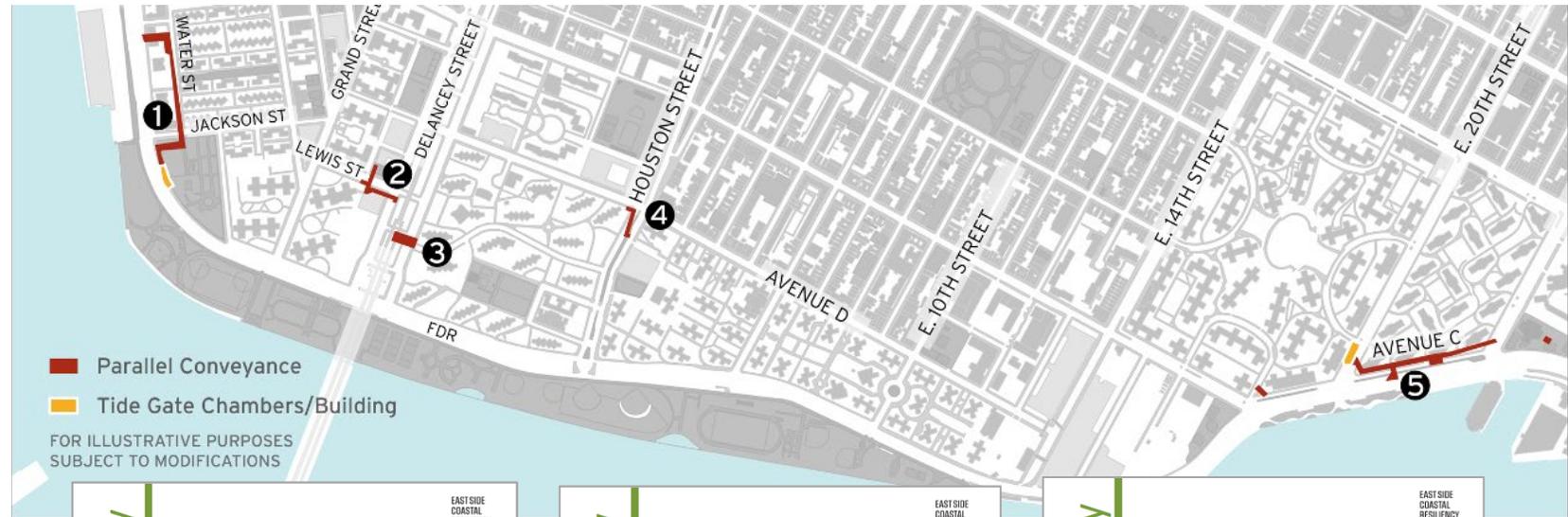


**CONSTRUCTION
PROGRESS/
APPROACH**

PC | Construction Progress

ALL WORK IS SUBJECT TO CHANGE

- Location 1 – Jackson St. & Water St.
 - Water main replacement in progress on Water Street
 - To begin utility relocation
- Location 2 – Lewis St. & Delancey St.
 - Test pit operations
- Location 3 – Baruch Dr. & Delancey St.
 - Test pit operations
- Location 4 – Houston & Avenue D
 - Test pit operations
- Location 5 – Avenue C, E20th to E23rd
 - Project area survey



Community Advisory

Project # SANDRESPC | Borough: Manhattan | Issue Date: 05/12/2023
 The East Side Coastal Resiliency (ESCR) Project is an initiative to provide long-term flood protection on the east side of Manhattan.

Limited Parking
 Water St. between Jackson St. and Gouverneur Slip E.
 Wednesday, May 17, 2023
 Ongoing until further notice
 7:00 AM - 4:00 PM

These temporary restrictions are necessary to facilitate the rehabilitation and installation of the water main. No Parking restrictions will go into effect along both sides of the street. Please follow all posted signs.

FOR ILLUSTRATIVE PURPOSES
SUBJECT TO MODIFICATIONS

Questions? ¿Preguntas? 問題?
 PC Community Construction Liaison (CCL) | Email: sandrespc.ccl@gmail.com
 Tania Wolow, 914-313-6863
 Inquiries | Consulta en Línea | 線上諮詢: 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 Helpline at 311 or Contact an Emergency Number 911.

Department of Design and Construction
 Office of Community Outreach & Notification

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Community Advisory

Project # SANDRESPC | 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.

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Department of Design and Construction
 Office of Community Outreach & Notification

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 NYC
 NYC

Community Advisory

Project # SANDRESPC | Borough: Manhattan | Issue Date: 4/11/2023
 The East Side Coastal Resiliency (ESCR) Project is an initiative to provide long-term flood protection on the east side of Manhattan.

Limited Parking
 April 13, 2023
 Ongoing until further notice
 From 7:00am to 3:30pm

- North side of Delancey St. S. from Lewis to Margin St
- Baruch Dr between Delancey St. North and South
- Intersection of Delancey St. North and Baruch Dr.

These temporary restrictions are necessary to excavate test pits to determine the location of underground structures and utilities. Please follow all posted signs.

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Department of Design and Construction
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PC | Typical Construction Sequencing

ALL WORK IS SUBJECT TO CHANGE



LOCATIONS WITHOUT TIDE GATE CHAMBER BUILDINGS

- A. Mobilization & Protection
- B. Test Pits and Site Survey
- C. Utility relocation and upgrades
- D. Install parallel conveyance sewer lines
- E. Final restoration

LOCATIONS WITH INTERCEPTOR GATE CHAMBER BUILDINGS

- A. Mobilization & Protection
- B. Test Pits and Site Survey
- C. Utility relocation and upgrades
- D. Excavation for Interceptor Gate Chambers
- E. Install parallel conveyance sewer lines
- F. Final restoration

