

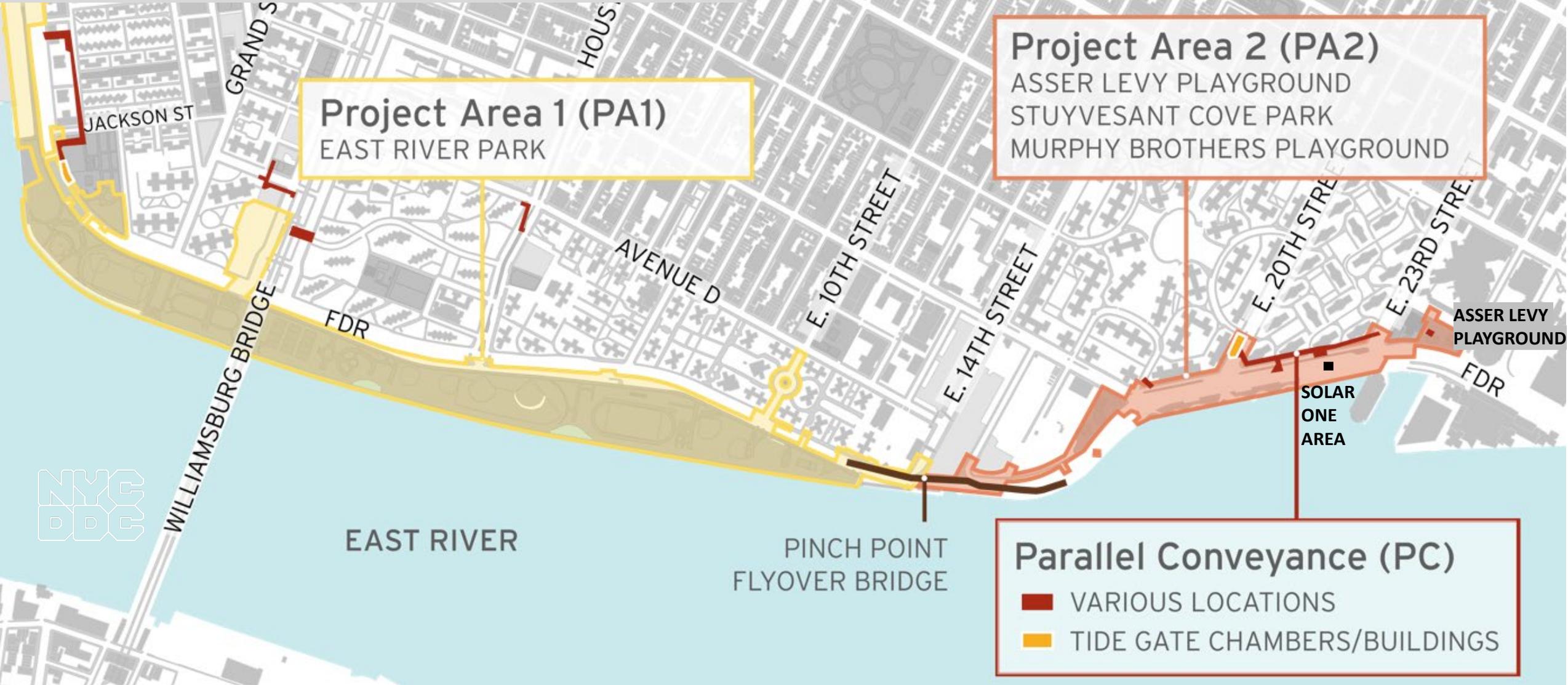
# COMMUNITY ADVISORY GROUP (CAG)

Meeting #29

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

Zoom Conference Call  
Thursday January 26, 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**

# **Project Area 1 & 2 Hiring Summary**

PA1 Data as of November 30, 2022

PA2 Data as of December 30, 2022

# ESCR Current Staff | PA1 & PA2 PMCM

**Total PMCM Staff: 142**

**Project Area 1 (PA1) New Hires: 18**

**Project Area 2 (PA2) New Hires: 17**

**Total New Hires: 35**

16 of new hires are working on both PA1 and PA2

**Staff from MWBE Subs: 33.1%** (47 of 142)

**Total Minority: 32.4%** (46 of 142)

**Males: 76.7%** (109 of 142)

**Females: 23.2%** (33 of 142)\*

\*Industry average for women in construction management is 7.7%

The Program Management/Construction Management (PMCM) and General Contractor (GC) Teams were selected based on the proposed teams' qualifications of existing staff and subconsultant/subcontractor utilization.

PA2 Data as of December 30, 2022

# ESCR Current Staff | PA1 & PA2 Contractors

## Total General Contractors' (GC) Staff: 986

### Project Area 1 (PA1)

**GC, Staff Total: 538**

General Contractor for PA1, IPC Resiliency Partners

**Existing Staff: 57.2%** (308 of 538)

New Hires: 42.7% (230 of 538)

New Hires from MWBEs: 8.9% (48 of 538)

**Total Minority: 48.3%** (260 of 538)

**Males: 97.4%** (524 of 538)

**Females: 2.6%** (14 of 538) PA1 Data as of November 30, 2022

### Project Area 2 (PA2)

**GC, Staff Total: 448**

General Contractor for PA2, Perfetto Contracting Co.

**Existing Staff: 64.3%** (288 of 448)

New Hires: 35.7% (160 of 448)

New Hires from MWBEs: 8.7% (39 of 448)

**Total Minority: 42.9%** (192 of 448)

**Males: 96.9%** (434 of 448)

**Females: 3.1%** (14 of 448) PA2 Data as of December 31, 2022

Most new hires by the General Contractor teams are provided through union labor based on the availability of their personnel at the time of hiring needs.

Federal goal for females: 6.9%

# ESCR PA1 & PA2 Current Progress

## MWBE Goals and Projected Utilization

Firm	Goal
PMCM	Projected to meet 29% Goal for PA1 Projected to meet 31% Goal for PA2
IPC, GC for PA1	Projection of 14.1%, Exceeding 12% Goal
Perfetto, GC for PA2	Projection of 16.5%, Exceeding 16% Goal

## Section 3 Hires

Project Area 1 and 2	
PMCM	4 New hires
IPC, GC for PA1	3 new hires
Perfetto, GC for PA2	2 new hires

# Strategy & Good Faith Efforts to Meet Goals

## Ongoing efforts

- GC's continued outreach to Labor Unions to assign local individuals to the ESCR project
- Continued support from DDC ODIR in collaboration with various city agencies
- Quarterly Information Sessions (virtual & in-person)
- Emails and continued website updates with resources and job postings as they become available

## City and Local Partners

- NYC Dept. of Small Business Services - Workforce 1
- Henry Street Settlement
- Lower East Side Employment Network (LESEN)
- NYCHA Office of Resident Economic Empowerment & Sustainability (REES)
- ESCR Community Advisory Group
- Mayor's Office of Workforce Development
- Labor Unions

# Work With Us Quarterly Session | Winter 2023

HIRING  
COMPLIANCE



**EAST SIDE COASTAL RESILIENCY**

Work With Us  
Virtual Quarterly Information Event  
**New Year, New Career**  
Tips to Secure New Opportunities

**Audience:**  
Entry to intermediate job seekers

**Learn from experts:**

- update your resume
- highlight your experience
- interview for success
- increase your standout potential

**Submit your resume** directly to receive complimentary review and feedback

**Tuesday**  
**February 28, 2023**  
**5:00 PM to 6:00 PM**

Pre-register now to receive a virtual call link and event updates  
[www.nyc.gov/escr/work](http://www.nyc.gov/escr/work)





- Tuesday February 28, 2023  
5:00 PM to 6:00 PM  
Virtual Event
- **Learn from Workforce1 experts:**
  - update your resume
  - highlight your experience
  - interview for success
  - increase your standout potential
  - tips to Secure New Opportunities!
- [www.nyc.gov/escr/work](http://www.nyc.gov/escr/work) to register



- **Project Area Overview**
- **Project Area 2 & Project Area 1 & Parallel Conveyance Construction Updates**

Link to 1/12/23 CB3 presentation:

[https://www.nyc.gov/assets/escr/downloads/pdf/20230112\\_ESCR\\_CB3PARKS\\_FINAL.pdf](https://www.nyc.gov/assets/escr/downloads/pdf/20230112_ESCR_CB3PARKS_FINAL.pdf)

# Project Area Overview

## Project Area 1 (PA1)

- NTP issued August 16, 2021
- Partial Closures:
  - East River Park south of Stanton St. & Ballfield #3
  - Greenway closure to E. 10<sup>th</sup> 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, soil stabilization and deep sewer work in progress
- floodwall construction activities ongoing around Montgomery Street

## Project Area 2 (PA2)

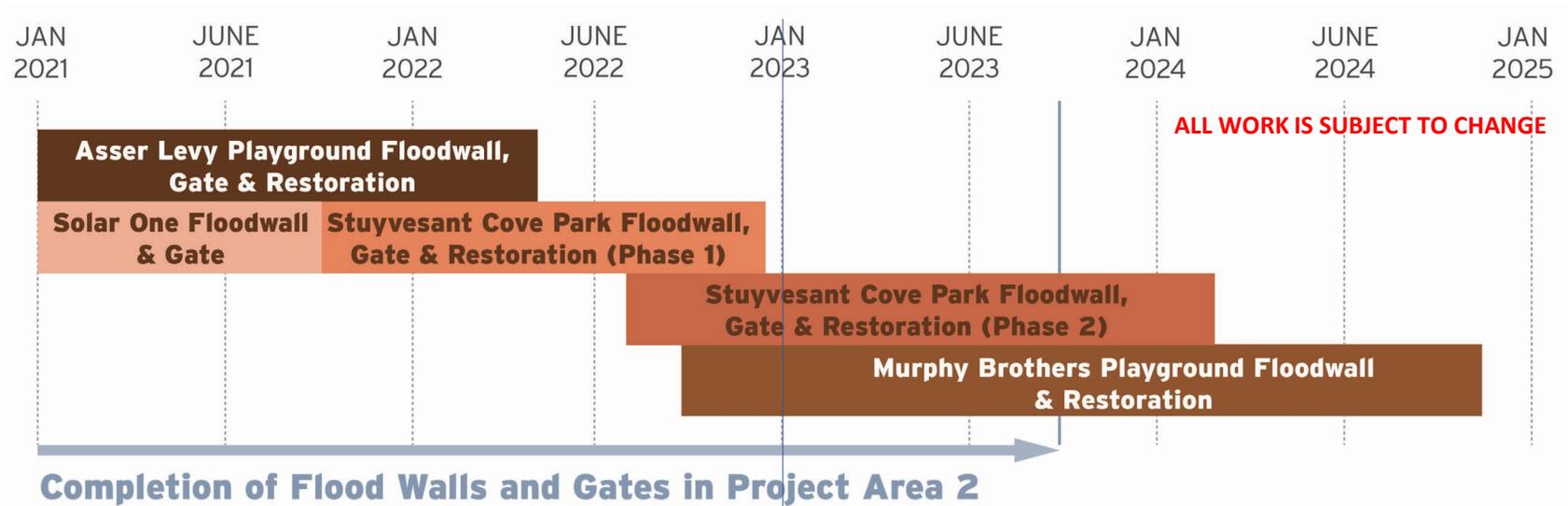
- NTP issued November 2020
- over 1,400 ft of floodwall installed
- Asser Levy Playground Open
  - Gate 18 installed
- Stuyvesant Cove Park including Solar One Area under construction
  - Gate 14 installed
  - site restoration north of E 20<sup>th</sup> St. underway - Greenway open
  - floodwall construction in progress south of E 20<sup>th</sup> St. – Greenway closed
- Murphy Brothers flood protection construction in progress

## Parallel Conveyance (PC)

- contract awarded in May to NYCC JPL JV
- NTP issued September 13, 2022
- construction mobilization activities started January 2023
- contract duration is approximately 4 years

**CONSTRUCTION  
PROGRESS/  
APPROACH**

# PA2 | Construction Progress



# PA2 | Construction Progress

## CONSTRUCTION PROGRESS/ APPROACH

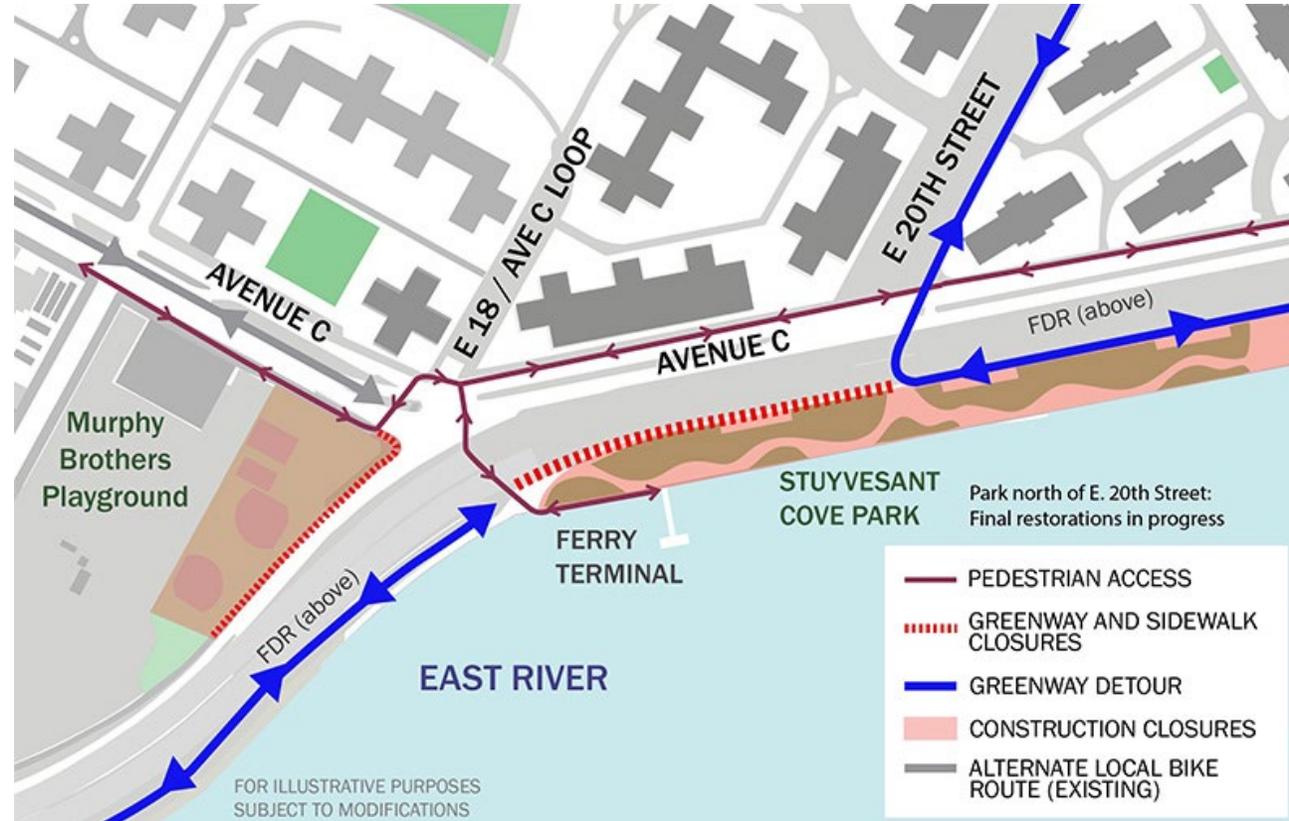
- Stuyvesant Cove Park under construction
- Area #1 – anticipated to reopen in early 2023
- Area #2 – scheduled to reopen in early 2024



# PA2 | Current Greenway Access

## ACCESS/ SIGNAGE/ SAFETY

- Stuyvesant Cove Park under construction
- Stuyvesant Cove Park Ferry access remains open and is accessible from E18th St only
- the Greenway from E20th St north is open
- access to East River Park remains



# PA2 | Upcoming Greenway Access

ACCESS/  
SIGNAGE/  
SAFETY

Week of February 6, 2023

- Greenway from E20th St south will close and access to East River Park from Stuyvesant Cove Park will end
- access East River Park via detour at E10th Street or E Houston Street
- **Stuyvesant Cove Park Ferry** access will remain open via **E18th Street**
- the Greenway from E20th St north will remain open



# CONSTRUCTION PROGRESS/ APPROACH

# PA1 | Construction Progress



- Link to PA1 Construction Timeline: <https://www1.nyc.gov/site/escr/project-updates/project-updates.page>



# PA1 | Early 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.**
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. **Ballfield #3: Critical sewer bypass work and soil stabilization.**
8. ConEd work in Shared Use Path E. Houston Street to E. 10th Street completing early this year.  
Slip Ramps in use.
9. E 10<sup>th</sup> 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 | Delancey Street

- ① Sidewalk closure at Delancey Street and FDR Drive Service Road Ongoing to facilitate pier work for the Delancey Street pedestrian bridge
  - Pedestrian detour signage is posted
  - Photocell lights have been installed on detour barriers
- ② Overnight, weekend closure of FDR Dr Service Road anticipated Saturday February 4, 2023
  - Vehicular detour will be in place

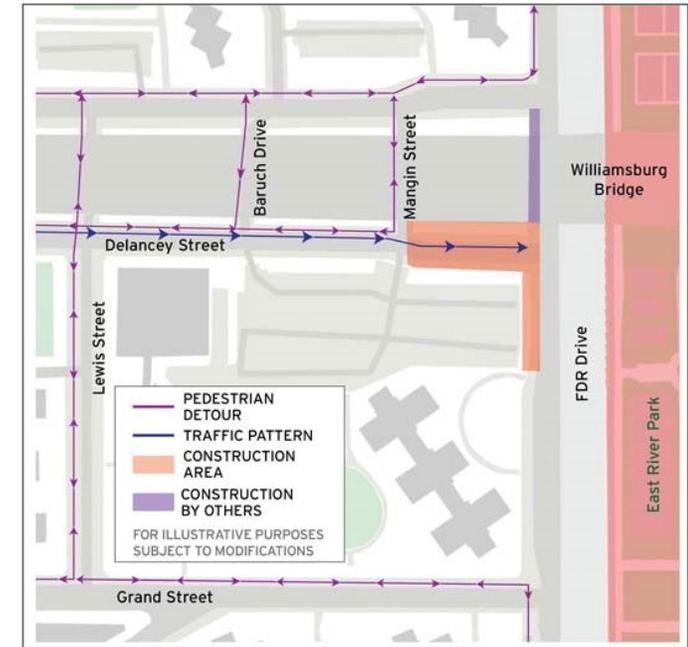


### PDC Renderings:

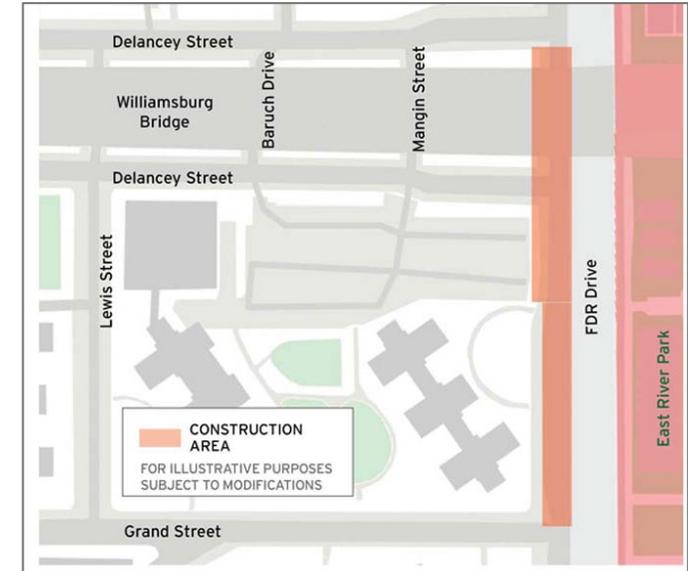
<https://www1.nyc.gov/assets/escr/downloads/pdf/DDC-f-ESCR-pres-rev-final-given-to-PDC-2020-01-30.pdf>  
starting at page 40 (Final PDC Presentation)

<https://www1.nyc.gov/assets/escr/downloads/pdf/SANDR-ESM1-Preliminary-PDC-Presentation-2019-09-16.pdf>  
starting at page 51 (Preliminary PDC Presentation)

①



②



# PA1 | Corlears Hook Archaeology

The Archaeological field work calls for exposing factory remains to better understand the site.

- Remains of sugar refinery/iron foundry have been recorded by the archaeologists. LPC and SHPO concurred that this area of the site can be backfilled.
- Archaeological investigations now focus on former yard areas within the 19th-century residential lots that once fronted on Cherry and Corlears Streets to determine whether the fill contains artifact deposits.
- Archaeologists have traced the deeds for the early properties; determined when the 19th-century buildings went up; and are researching sewer installation dates as well as census and directories for information on occupants.
- Oversight and review by SHPO, THPO, and LPC, and NYC Parks Department is ongoing and future updates will be provided.



*Brick cisterns at the back corners of the foundations of houses that once stood at 479 and 481 Cherry Street.*



*Privy pit at former 483 Cherry Street lot. The steps to the basement of the house are in the background.*

# PC | Construction Progress



**CONSTRUCTION  
PROGRESS/  
APPROACH**

# PC | Project Status

## Project Details

- STV Incorporated  
Construction Management (CM)
- NYCC JPL JV  
Contractor  
NTP issued September 2022
- Timeline:  
Construction to begin early 2023  
and continue through 2026

## Current Activities

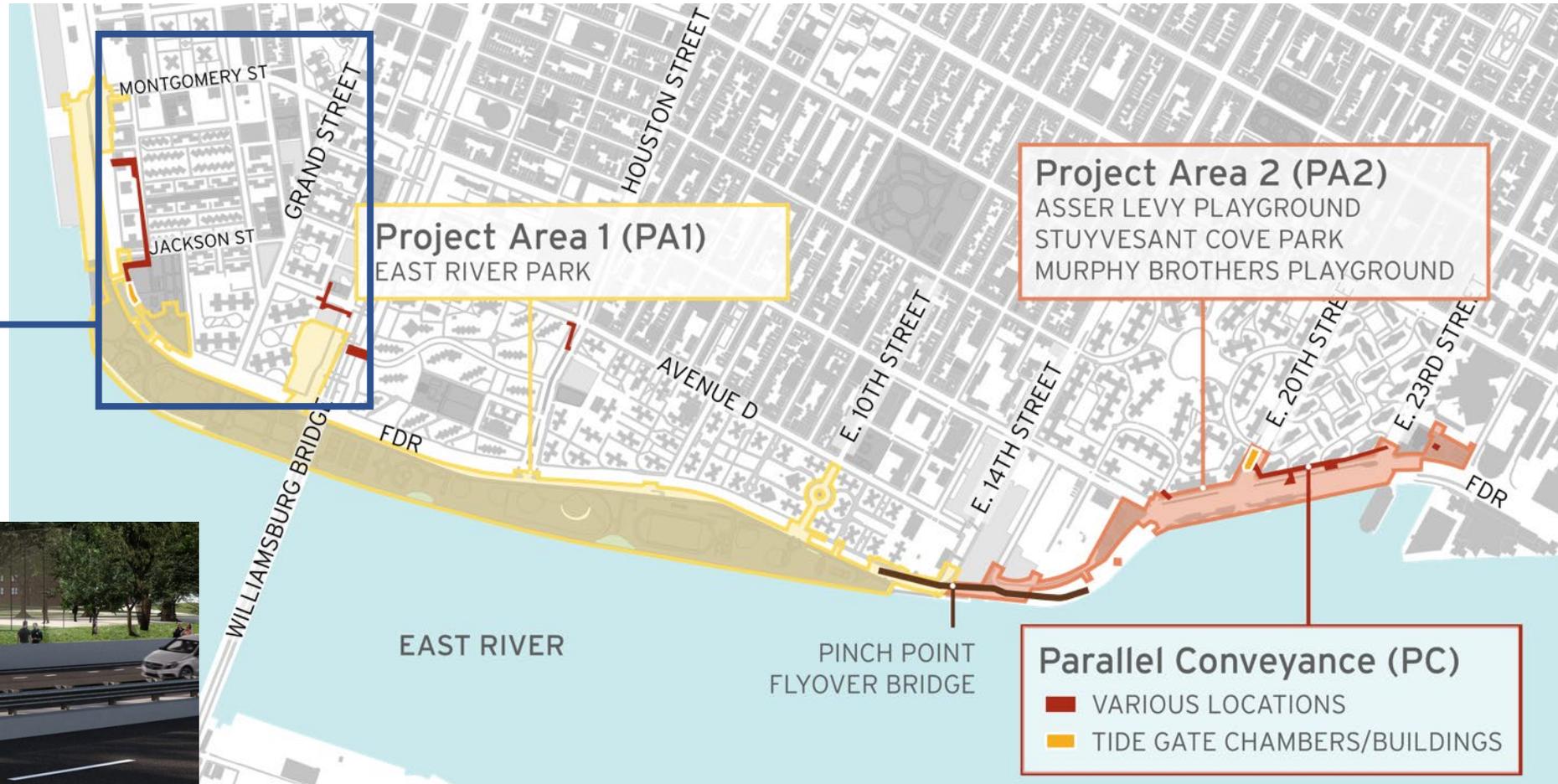
- Internal submittal review activities
- Site survey, test pits, mobilization

## Upcoming Activities:

- Staging & equipment areas
- Site preparation and removal of site furnishings
- Utility Work

# PC | Overview

Construction Activities will begin in the southern portion of the project and move north

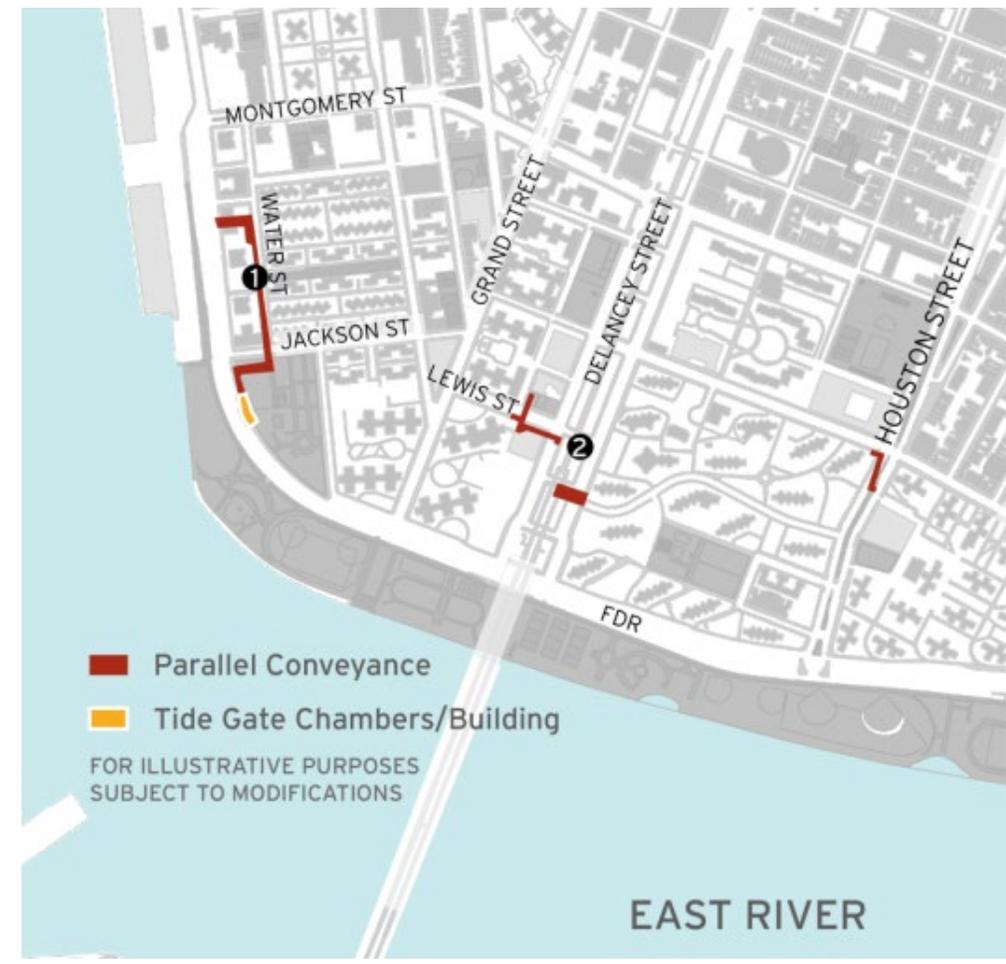


# CONSTRUCTION PROGRESS/ APPROACH

# PC | Construction Progress

ALL WORK IS SUBJECT TO CHANGE

- Location 1 – Water St.
  - Mobilization of equipment
  - Installation of tree guards
  - Test pits operation
  - Preconstruction buildings inspections
- Location 2 – Lewis St. & Delancey St.
  - Project Area Survey



**Community Advisory**

**EAST SIDE COASTAL RESILIENCY**

Project # SANDRESC | Borough: Manhattan | Issue Date: 1/13/2023  
 The East Side Coastal Resiliency (ESCR) Project is an initiative to provide long-term flood protection on the east side of Manhattan.

**Mobilization begins on ESCR's Parallel Conveyance**  
 Starting on/about Week of January 23, 2023

Contractor will mobilize equipment and start their survey of the project area to prepare for upcoming construction activities in the southern portion of the project between Montgomery Street and Delancey Street. More details to follow. Temporary street and sidewalk closures may be necessary to accommodate construction equipment and crews.

Parallel Conveyance will protect inland flooding areas within the project limits from Montgomery Street to E 25th Street. Work includes installation of watermain, upgrades to existing sewer capacity and relocation of utilities. Advisories and Bulletins will be posted on-site and on the ESCR website: [www.nyc.gov/escr](http://www.nyc.gov/escr)

Legend:  
 ■ Parallel Conveyance  
 ■ Tide Gate Chambers/Building

FOR ILLUSTRATIVE PURPOSES  
 SUBJECT TO MODIFICATIONS

Questions? ¿Preguntas? 問題?  
 PC Community Construction Liaison (CCL) | Email: [sandrespc.ccl@gmail.com](mailto:sandrespc.ccl@gmail.com)  
 Tamia Wekeun, 914-313-6863  
 Inquiries | Consulta en Linea | 线上咨询: [www.nyc.gov/escr/contact](http://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.

Logos for NYC Department of Design and Construction, NYC, and other agencies.



# **Environmental Reporting Update**

# PA1 AQM | December 2022 Update

The PM daily value (24-hour TWA) did not surpass the PEL for the month of December.

\* = net exceedances

## Montgomery Street to Jackson Street:

PM2.5:

- \*12/2/2022: n/a; anomalous reading due to power supply issues
- \*12/21/2022: 6 minutes; anomalous reading due to power supply issues
- \*12/30/2022: 23 minutes; vehicle traffic at FDR on-ramp after construction hours – no mitigation

PM10:

- \*12/21/2022: 6 minutes; anomalous reading due to power supply issues
- 12/31/2022: 13 minutes; vehicle traffic after construction hours – no mitigation

## Jackson Street to Williamsburg Bridge:

PM2.5 & PM10: None

## Williamsburg Bridge to Northern Project Limit

PM2.5:

- \*12/27/2022: 37 minutes; constructive activities – dust suppression techniques applied
- \*12/27/2022: 15 minutes; constructive activities – dust suppression techniques applied
- \*12/30/2022: 23 minutes; constructive activities – dust suppression techniques applied

PM10: \*12/30/2022: 23 minutes; constructive activities – dust suppression techniques applied\*

## ConEd Oil-O-Static Work/East River Park:

PM2.5:

- 12/5/2022: 25 minutes; vehicle traffic/third party impacts after construction hours – dust suppression techniques applied next day

PM10:

- 12/5/2022: 25 minutes; vehicle traffic/third party impacts after construction hours – dust suppression techniques applied next day

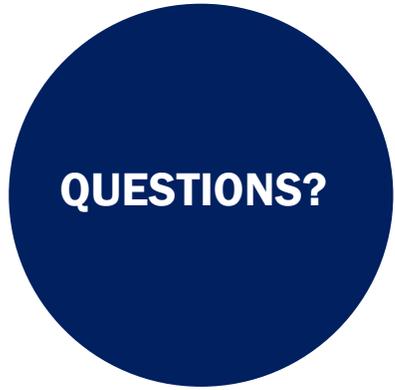
# PA1 AQM | Monitoring Locations December 2022



## ESCR to YOUR School

- 1/25/2023 – Learning Spring School!







# The Inquiry Tool

- [https://pima.ddccr.com/public/comment/project-comment-dynamic?project\\_id=14047](https://pima.ddccr.com/public/comment/project-comment-dynamic?project_id=14047)

Select Language ▼  
Powered by Translate

### 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

4) Browse our project map to zoom and pan around, and if applicable, add a pin by tapping the location that relates to your inquiry. You can also type an address, intersection, or park location to drop a pin.  
Instructions: Tap another location to move your pin. Use arrow keys to pan around. Use + or - keys to zoom in and out. Click the layers icon to turn off the proposed project rendering.

Map showing project areas (REACH I through REACH M) and surrounding streets (e.g., E 10th St, E 12th St, E 14th St, E 16th St, E 18th St, E 20th St, E 22nd St, E 24th St, E 26th St, E 28th St, E 30th St, E 32nd St, E 34th St, E 36th St, E 38th St, E 40th St, E 42nd St, E 44th St, E 46th St, E 48th St, E 50th St, E 52nd St, E 54th St, E 56th St, E 58th St, E 60th St, E 62nd St, E 64th St, E 66th St, E 68th St, E 70th St, E 72nd St, E 74th St, E 76th St, E 78th St, E 80th St, E 82nd St, E 84th St, E 86th St, E 88th St, E 90th St, E 92nd St, E 94th St, E 96th St, E 98th St, E 100th St, E 102nd St, E 104th St, E 106th St, E 108th St, E 110th St, E 112nd St, E 114th St, E 116th St, E 118th St, E 120th St, E 122nd St, E 124th St, E 126th St, E 128th St, E 130th St, E 132nd St, E 134th St, E 136th St, E 138th St, E 140th St, E 142nd St, E 144th St, E 146th St, E 148th St, E 150th St, E 152nd St, E 154th St, E 156th St, E 158th St, E 160th St, E 162nd St, E 164th St, E 166th St, E 168th St, E 170th St, E 172nd St, E 174th St, E 176th St, E 178th St, E 180th St, E 182nd St, E 184th St, E 186th St, E 188th St, E 190th St, E 192nd St, E 194th St, E 196th St, E 198th St, E 200th St, E 202nd St, E 204th St, E 206th St, E 208th St, E 210th St, E 212nd St, E 214th St, E 216th St, E 218th St, E 220th St, E 222nd St, E 224th St, E 226th St, E 228th St, E 230th St, E 232nd St, E 234th St, E 236th St, E 238th St, E 240th St, E 242nd St, E 244th St, E 246th St, E 248th St, E 250th St, E 252nd St, E 254th St, E 256th St, E 258th St, E 260th St, E 262nd St, E 264th St, E 266th St, E 268th St, E 270th St, E 272nd St, E 274th St, E 276th St, E 278th St, E 280th St, E 282nd St, E 284th St, E 286th St, E 288th St, E 290th St, E 292nd St, E 294th St, E 296th St, E 298th St, E 300th St, E 302nd St, E 304th St, E 306th St, E 308th St, E 310th St, E 312nd St, E 314th St, E 316th St, E 318th St, E 320th St, E 322nd St, E 324th St, E 326th St, E 328th St, E 330th St, E 332nd St, E 334th St, E 336th St, E 338th St, E 340th St, E 342nd St, E 344th St, E 346th St, E 348th St, E 350th St, E 352nd St, E 354th St, E 356th St, E 358th St, E 360th St, E 362nd St, E 364th St, E 366th St, E 368th St, E 370th St, E 372nd St, E 374th St, E 376th St, E 378th St, E 380th St, E 382nd St, E 384th St, E 386th St, E 388th St, E 390th St, E 392nd St, E 394th St, E 396th St, E 398th St, E 400th St, E 402nd St, E 404th St, E 406th St, E 408th St, E 410th St, E 412nd St, E 414th St, E 416th St, E 418th St, E 420th St, E 422nd St, E 424th St, E 426th St, E 428th St, E 430th St, E 432nd St, E 434th St, E 436th St, E 438th St, E 440th St, E 442nd St, E 444th St, E 446th St, E 448th St, E 450th St, E 452nd St, E 454th St, E 456th St, E 458th St, E 460th St, E 462nd St, E 464th St, E 466th St, E 468th St, E 470th St, E 472nd St, E 474th St, E 476th St, E 478th St, E 480th St, E 482nd St, E 484th St, E 486th St, E 488th St, E 490th St, E 492nd St, E 494th St, E 496th St, E 498th St, E 500th St, E 502nd St, E 504th St, E 506th St, E 508th St, E 510th St, E 512nd St, E 514th St, E 516th St, E 518th St, E 520th St, E 522nd St, E 524th St, E 526th St, E 528th St, E 530th St, E 532nd St, E 534th St, E 536th St, E 538th St, E 540th St, E 542nd St, E 544th St, E 546th St, E 548th St, E 550th St, E 552nd St, E 554th St, E 556th St, E 558th St, E 560th St, E 562nd St, E 564th St, E 566th St, E 568th St, E 570th St, E 572nd St, E 574th St, E 576th St, E 578th St, E 580th St, E 582nd St, E 584th St, E 586th St, E 588th St, E 590th St, E 592nd St, E 594th St, E 596th St, E 598th St, E 600th St, E 602nd St, E 604th St, E 606th St, E 608th St, E 610th St, E 612nd St, E 614th St, E 616th St, E 618th St, E 620th St, E 622nd St, E 624th St, E 626th St, E 628th St, E 630th St, E 632nd St, E 634th St, E 636th St, E 638th St, E 640th St, E 642nd St, E 644th St, E 646th St, E 648th St, E 650th St, E 652nd St, E 654th St, E 656th St, E 658th St, E 660th St, E 662nd St, E 664th St, E 666th St, E 668th St, E 670th St, E 672nd St, E 674th St, E 676th St, E 678th St, E 680th St, E 682nd St, E 684th St, E 686th St, E 688th St, E 690th St, E 692nd St, E 694th St, E 696th St, E 698th St, E 700th St, E 702nd St, E 704th St, E 706th St, E 708th St, E 710th St, E 712nd St, E 714th St, E 716th St, E 718th St, E 720th St, E 722nd St, E 724th St, E 726th St, E 728th St, E 730th St, E 732nd St, E 734th St, E 736th St, E 738th St, E 740th St, E 742nd St, E 744th St, E 746th St, E 748th St, E 750th St, E 752nd St, E 754th St, E 756th St, E 758th St, E 760th St, E 762nd St, E 764th St, E 766th St, E 768th St, E 770th St, E 772nd St, E 774th St, E 776th St, E 778th St, E 780th St, E 782nd St, E 784th St, E 786th St, E 788th St, E 790th St, E 792nd St, E 794th St, E 796th St, E 798th St, E 800th St, E 802nd St, E 804th St, E 806th St, E 808th St, E 810th St, E 812nd St, E 814th St, E 816th St, E 818th St, E 820th St, E 822nd St, E 824th St, E 826th St, E 828th St, E 830th St, E 832nd St, E 834th St, E 836th St, E 838th St, E 840th St, E 842nd St, E 844th St, E 846th St, E 848th St, E 850th St, E 852nd St, E 854th St, E 856th St, E 858th St, E 860th St, E 862nd St, E 864th St, E 866th St, E 868th St, E 870th St, E 872nd St, E 874th St, E 876th St, E 878th St, E 880th St, E 882nd St, E 884th St, E 886th St, E 888th St, E 890th St, E 892nd St, E 894th St, E 896th St, E 898th St, E 900th St, E 902nd St, E 904th St, E 906th St, E 908th St, E 910th St, E 912nd St, E 914th St, E 916th St, E 918th St, E 920th St, E 922nd St, E 924th St, E 926th St, E 928th St, E 930th St, E 932nd St, E 934th St, E 936th St, E 938th St, E 940th St, E 942nd St, E 944th St, E 946th St, E 948th St, E 950th St, E 952nd St, E 954th St, E 956th St, E 958th St, E 960th St, E 962nd St, E 964th St, E 966th St, E 968th St, E 970th St, E 972nd St, E 974th St, E 976th St, E 978th St, E 980th St, E 982nd St, E 984th St, E 986th St, E 988th St, E 990th St, E 992nd St, E 994th St, E 996th St, E 998th St, E 1000th St, E 1002nd St, E 1004th St, E 1006th St, E 1008th St, E 1010th St, E 1012nd St, E 1014th St, E 1016th St, E 1018th St, E 1020th St, E 1022nd St, E 1024th St, E 1026th St, E 1028th St, E 1030th St, E 1032nd St, E 1034th St, E 1036th St, E 1038th St, E 1040th St, E 1042nd St, E 1044th St, E 1046th St, E 1048th St, E 1050th St, E 1052nd St, E 1054th St, E 1056th St, E 1058th St, E 1060th St, E 1062nd St, E 1064th St, E 1066th St, E 1068th St, E 1070th St, E 1072nd St, E 1074th St, E 1076th St, E 1078th St, E 1080th St, E 1082nd St, E 1084th St, E 1086th St, E 1088th St, E 1090th St, E 1092nd St, E 1094th St, E 1096th St, E 1098th St, E 1100th St, E 1102nd St, E 1104th St, E 1106th St, E 1108th St, E 1110th St, E 1112nd St, E 1114th St, E 1116th St, E 1118th St, E 1120th St, E 1122nd St, E 1124th St, E 1126th St, E 1128th St, E 1130th St, E 1132nd St, E 1134th St, E 1136th St, E 1138th St, E 1140th St, E 1142nd St, E 1144th St, E 1146th St, E 1148th St, E 1150th St, E 1152nd St, E 1154th St, E 1156th St, E 1158th St, E 1160th St, E 1162nd St, E 1164th St, E 1166th St, E 1168th St, E 1170th St, E 1172nd St, E 1174th St, E 1176th St, E 1178th St, E 1180th St, E 1182nd St, E 1184th St, E 1186th St, E 1188th St, E 1190th St, E 1192nd St, E 1194th St, E 1196th St, E 1198th St, E 1200th St, E 1202nd St, E 1204th St, E 1206th St, E 1208th St, E 1210th St, E 1212nd St, E 1214th St, E 1216th St, E 1218th St, E 1220th St, E 1222nd St, E 1224th St, E 1226th St, E 1228th St, E 1230th St, E 1232nd St, E 1234th St, E 1236th St, E 1238th St, E 1240th St, E 1242nd St, E 1244th St, E 1246th St, E 1248th St, E 1250th St, E 1252nd St, E 1254th St, E 1256th St, E 1258th St, E 1260th St, E 1262nd St, E 1264th St, E 1266th St, E 1268th St, E 1270th St, E 1272nd St, E 1274th St, E 1276th St, E 1278th St, E 1280th St, E 1282nd St, E 1284th St, E 1286th St, E 1288th St, E 1290th St, E 1292nd St, E 1294th St, E 1296th St, E 1298th St, E 1300th St, E 1302nd St, E 1304th St, E 1306th St, E 1308th St, E 1310th St, E 1312nd St, E 1314th St, E 1316th St, E 1318th St, E 1320th St, E 1322nd St, E 1324th St, E 1326th St, E 1328th St, E 1330th St, E 1332nd St, E 1334th St, E 1336th St, E 1338th St, E 1340th St, E 1342nd St, E 1344th St, E 1346th St, E 1348th St, E 1350th St, E 1352nd St, E 1354th St, E 1356th St, E 1358th St, E 1360th St, E 1362nd St, E 1364th St, E 1366th St, E 1368th St, E 1370th St, E 1372nd St, E 1374th St, E 1376th St, E 1378th St, E 1380th St, E 1382nd St, E 1384th St, E 1386th St, E 1388th St, E 1390th St, E 1392nd St, E 1394th St, E 1396th St, E 1398th St, E 1400th St, E 1402nd St, E 1404th St, E 1406th St, E 1408th St, E 1410th St, E 1412nd St, E 1414th St, E 1416th St, E 1418th St, E 1420th St, E 1422nd St, E 1424th St, E 1426th St, E 1428th St, E 1430th St, E 1432nd St, E 1434th St, E 1436th St, E 1438th St, E 1440th St, E 1442nd St, E 1444th St, E 1446th St, E 1448th St, E 1450th St, E 1452nd St, E 1454th St, E 1456th St, E 1458th St, E 1460th St, E 1462nd St, E 1464th St, E 1466th St, E 1468th St, E 1470th St, E 1472nd St, E 1474th St, E 1476th St, E 1478th St, E 1480th St, E 1482nd St, E 1484th St, E 1486th St, E 1488th St, E 1490th St, E 1492nd St, E 1494th St, E 1496th St, E 1498th St, E 1500th St, E 1502nd St, E 1504th St, E 1506th St, E 1508th St, E 1510th St, E 1512nd St, E 1514th St, E 1516th St, E 1518th St, E 1520th St, E 1522nd St, E 1524th St, E 1526th St, E 1528th St, E 1530th St, E 1532nd St, E 1534th St, E 1536th St, E 1538th St, E 1540th St, E 1542nd St, E 1544th St, E 1546th St, E 1548th St, E 1550th St, E 1552nd St, E 1554th St, E 1556th St, E 1558th St, E 1560th St, E 1562nd St, E 1564th St, E 1566th St, E 1568th St, E 1570th St, E 1572nd St, E 1574th St, E 1576th St, E 1578th St, E 1580th St, E 1582nd St, E 1584th St, E 1586th St, E 1588th St, E 1590th St, E 1592nd St, E 1594th St, E 1596th St, E 1598th St, E 1600th St, E 1602nd St, E 1604th St, E 1606th St, E 1608th St, E 1610th St, E 1612nd St, E 1614th St, E 1616th St, E 1618th St, E 1620th St, E 1622nd St, E 1624th St, E 1626th St, E 1628th St, E 1630th St, E 1632nd St, E 1634th St, E 1636th St, E 1638th St, E 1640th St, E 1642nd St, E 1644th St, E 1646th St, E 1648th St, E 1650th St, E 1652nd St, E 1654th St, E 1656th St, E 1658th St, E 1660th St, E 1662nd St, E 1664th St, E 1666th St, E 1668th St, E 1670th St, E 1672nd St, E 1674th St, E 1676th St, E 1678th St, E 1680th St, E 1682nd St, E 1684th St, E 1686th St, E 1688th St, E 1690th St, E 1692nd St, E 1694th St, E 1696th St, E 1698th St, E 1700th St, E 1702nd St, E 1704th St, E 1706th St, E 1708th St, E 1710th St, E 1712nd St, E 1714th St, E 1716th St, E 1718th St, E 1720th St, E 1722nd St, E 1724th St, E 1726th St, E 1728th St, E 1730th St, E 1732nd St, E 1734th St, E 1736th St, E 1738th St, E 1740th St, E 1742nd St, E 1744th St, E 1746th St, E 1748th St, E 1750th St, E 1752nd St, E 1754th St, E 1756th St, E 1758th St, E 1760th St, E 1762nd St, E 1764th St, E 1766th St, E 1768th St, E 1770th St, E 1772nd St, E 1774th St, E 1776th St, E 1778th St, E 1780th St, E 1782nd St, E 1784th St, E 1786th St, E 1788th St, E 1790th St, E 1792nd St, E 1794th St, E 1796th St, E 1798th St, E 1800th St, E 1802nd St, E 1804th St, E 1806th St, E 1808th St, E 1810th St, E 1812nd St, E 1814th St, E 1816th St, E 1818th St, E 1820th St, E 1822nd St, E 1824th St, E 1826th St, E 1828th St, E 1830th St, E 1832nd St, E 1834th St, E 1836th St, E 1838th St, E 1840th St, E 1842nd St, E 1844th St, E 1846th St, E 1848th St, E 1850th St, E 1852nd St, E 1854th St, E 1856th St, E 1858th St, E 1860th St, E 1862nd St, E 1864th St, E 1866th St, E 1868th St, E 1870th St, E 1872nd St, E 1874th St, E 1876th St, E 1878th St, E 1880th St, E 1882nd St, E 1884th St, E 1886th St, E 1888th St, E 1890th St, E 1892nd St, E 1894th St, E 1896th St, E 1898th St, E 1900th St, E 1902nd St, E 1904th St, E 1906th St, E 1908th St, E 1910th St, E 1912nd St, E 1914th St, E 1916th St, E 1918th St, E 1920th St, E 1922nd St, E 1924th St, E 1926th St, E 1928th St, E 1930th St, E 1932nd St, E 1934th St, E 1936th St, E 1938th St, E 1940th St, E 1942nd St, E 1944th St, E 1946th St, E 1948th St, E 1950th St, E 1952nd St, E 1954th St, E 1956th St, E 1958th St, E 1960th St, E 1962nd St, E 1964th St, E 1966th St, E 1968th St, E 1970th St, E 1972nd St, E 1974th St, E 1976th St, E 1978th St, E 1980th St, E 1982nd St, E 1984th St, E 1986th St, E 1988th St, E 1990th St, E 1992nd St, E 1994th St, E 1996th St, E 1998th St, E 2000th St, E 2002nd St, E 2004th St, E 2006th St, E 2008th St, E 2010th St, E 2012nd St, E 2014th St, E 2016th St, E 2018th St, E 2020th St, E 2022nd St, E 2024th St, E 2026th St, E 2028th St, E 2030th St, E 2032nd St, E 2034th St, E 2036th St, E 2038th St, E 2040th St, E 2042nd St, E 2044th St, E 2046th St, E 2048th St, E 2050th St, E 2052nd St, E 2054th St, E 2056th St, E 2058th St, E 2060th St, E 2062nd St, E 2064th St, E 2066th St, E 2068th St, E 2070th St, E 2072nd St, E 2074th St, E 2076th St, E 2078th St, E 2080th St, E 2082nd St, E 2084th St, E 2086th St, E 2088th St, E 2090th St, E 2092nd St, E 2094th St, E 2096th St, E 2098th St, E 2100th St, E 2102nd St, E 2104th St, E 2106th St, E 2108th St, E 2110th St, E 2112nd St, E 2114th St, E 2116th St, E 2118th St, E 2120th St, E 2122nd St, E 2124th St, E 2126th St, E 2128th St, E 2130th St, E 2132nd St, E 2134th St, E 2136th St, E 2138th St, E 2140th St, E 2142nd St, E 2144th St, E 2146th St, E 2148th St, E 2150th St, E 2152nd St, E 2154th St, E 2156th St, E 2158th St, E 2160th St, E 2162nd St, E 2164th St, E 2166th St, E 2168th St, E 2170th St, E 2172nd St, E 2174th St, E 2176th St, E 2178th St, E 2180th St, E 2182nd St, E 2184th St, E 2186th St, E 2188th St, E 2190th St, E 2192nd St, E 2194th St, E 2196th St, E 2198th St, E 2200th St, E 2202nd St, E 2204th St, E 2206th St, E 2208th St, E 2210th St, E 2212nd St, E 2214th St, E 2216th St, E 2218th St, E 2220th St, E 2222nd St, E 2224th St, E 2226th St, E 2228th St, E 2230th St, E 2232nd St, E 2234th St, E 2236th St, E 2238th St, E 2240th St, E 2242nd St, E 2244th St, E 2246th St, E 2248th St, E 2250th St, E 2252nd St, E 2254th St, E 2256th St, E 2258th St, E 2260th St, E 2262nd St, E 2264th St, E 2266th St, E 2268th St, E 2270th St, E 2272nd St, E 2274th St, E 2276th St, E 2278th St, E 2280th St, E 2282nd St, E 2284th St, E 2286th St, E 2288th St, E 2290th St, E 2292nd St, E 2294th St, E 2296th St, E 2298th St, E 2300th St, E 2302nd St, E 2304th St, E 2306th St, E 2308th St, E 2310th St, E 2312nd St, E 2314th St, E 2316th St, E 2318th St, E 2320th St, E 2322nd St, E 2324th St, E 2326th St, E 2328th St, E 2330th St, E 2332nd St, E 2334th St, E 2336th St, E 2338th St, E 2340th St, E 2342nd St, E 2344th St, E 2346th St, E 2348th St, E 2350th St, E 2352nd St, E 2354th St, E 2356th St, E 2358th St, E 2360th St, E 2362nd St, E 2364th St, E 2366th St, E 2368th St, E 2370th St, E 2372nd St, E 2374th St, E 2376th St, E 2378th St, E 2380th St, E 2382nd St, E 2384th St, E 2386th St, E 2388th St, E 2390th St, E 2392nd St, E 2394th St, E 2396th St, E 2398th St, E 2400th St, E 2402nd St, E 2404th St, E 2406th St, E 2408th St, E 2410th St, E 2412nd St, E 2414th St, E 2416th St, E 2418th St, E 2420th St, E 2422nd St, E 2424th St, E 2426th St, E 2428th St, E 2430th St, E 2432nd St, E 2434th St, E 2436th St, E 2438th St, E 2440th St, E 2442nd St, E 2444th St, E 2446th St, E 2448th St, E 2450th St, E 2452nd St, E 2454th St, E 2456th St, E 2458th St, E 2460th St, E 2462nd St, E 2464th St, E 2466th St, E 2468th St, E 2470th St, E 2472nd St, E 2474th St, E 2476th St, E 2478th St, E 2480th St, E 2482nd St, E 2484th St, E 2486th St, E 2488th St, E 2490th St, E 2492nd St, E 2494th St, E 2496th St, E 2498th St, E 2500th St, E 2502nd St, E 2504th St, E 2506th St, E 2508th St, E 2510th St, E 2512nd St, E 2514th St, E 2516th St, E 2518th St, E 2520th St, E 2522nd St, E 2524th St, E 2526th St, E 2528th St, E 2530th St, E 2532nd St, E 2534th St, E 2536th St, E 2538th St, E 2540th St, E 2542nd St, E 2544th St, E 2546th St, E 2548th St, E 2550th St, E 2552nd St, E 2554th St, E 2556th St, E 2558th St, E 2560th St, E 2562nd St, E 2564th St, E 2566th St, E 2568th St, E 2570th St, E 2572nd St, E 2574th St, E 2576th St, E 2578th St, E 2580th St, E 2582nd St, E 2584th St, E 2586th St, E 2588th St, E 2590th St, E 2592nd St, E 2594th St, E 2596th St, E 2598th St, E 2600th St, E 2602nd St, E 2604th St, E 2606th St, E 2608th St, E 2610th St, E 2612nd St, E 2614th St, E 2616th St, E 2618th St, E 2620th St, E 2622nd St, E 2624th St, E 2626th St, E 2628th St, E 2630th St, E 2632nd St, E 2634th St, E 2636th St, E 2638th St, E 2640th St, E 2642nd St, E 2644th St, E 2646th St, E 2648th St, E 2650th St, E 2652nd St, E 2654th St, E 2656th St, E 2658th St, E 2660th St, E 2662nd St, E 2664th St, E 2666th St, E 2668th St, E 2670th St, E 2672nd St, E 2674th St, E 2676th St, E 2678th St, E 2680th St, E 2682nd St, E 2684th St, E 2686th St, E 2688th St, E 2690th St, E 2692nd St,

# PA1 | Access and Signage Updates

ACCESS/  
SIGNAGE/  
SAFETY

PROJECT  
INFORMATION  
DELIVERY

- **Delancey Street:** team is working on additional signage including ‘bridge closed ahead’
- **Google Maps:** team is coordinating with Google Maps to update access per ESCR closures
- **Site Signage:** centralized Information Sign at Houston Street





**ACCESS/  
SIGNAGE/  
SAFETY**

# What We've Heard

- **Lighting:** PA1 around track



# Environmental Reporting Update

The screenshot shows the website for the NYC East Side Coastal Resiliency Project. The header includes the NYC logo, the project name, and navigation options for language (Italiano) and text size. The main navigation menu has links for Home, About, Project Updates (which is highlighted), Community Engagement, and Contact. A search bar is also present. The main content area is titled "Environmental Monitoring" and features a sidebar with links to PA1 and PA2 Construction Notices, Environmental Monitoring, Presentations, Newsletters, and a Gallery. The main content includes a section for "Air Quality" with a detailed description of the monitoring process and a list of four key items. Below this is a highlighted section for "Project 1 Area Monitoring Reports" listing two reports for 2022 and one for 2021. This is followed by "Project 2 Area Monitoring Reports" listing four reports for 2022 and 2021. At the bottom, there are links to download CAG Air Monitoring Summaries and an Air Monitoring Factsheet in English, Spanish, and Chinese.

**NYC**  
The East Side Coastal Resiliency Project

Itallano ▸ Translate | ▾ Text-Size

Home About **Project Updates** Community Engagement Contact Search

## Environmental Monitoring

PA1 Construction Notices

PA2 Construction Notices

[Environmental Monitoring](#)

Presentations

Newsletters

Gallery

Share Print

### 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

### Project 1 Area Monitoring Reports

- [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

- [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 \(does not include June 2021\).](#)

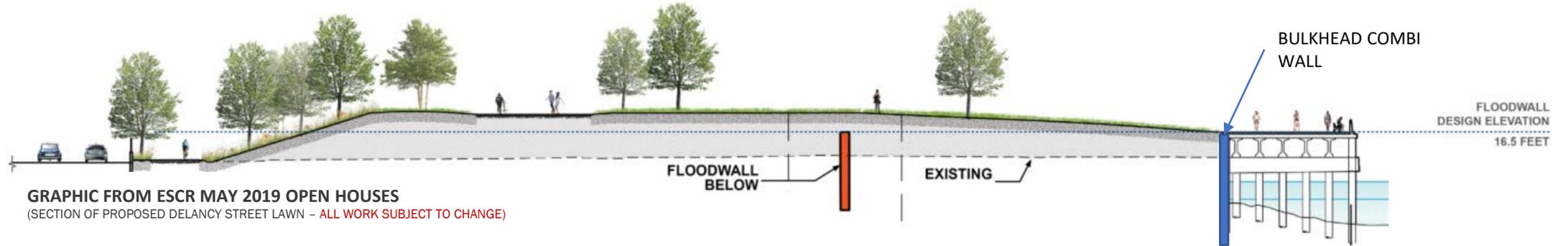
Regular air monitoring updates are provided at Community Advisory Group (CAG) Meetings. The summary slides from those meetings have been assembled below:

- [Download 2022 PA1 CAG Air Monitoring Summaries](#)
- [Download 2022 PA2 CAG Air Monitoring Summaries](#)
- [Download 2021 PA2 CAG Air Monitoring Summaries](#)

For a quick overview of Air Quality Monitoring for the East Side Coastal Resiliency Project, see the ESCR Air Monitoring factsheet.  
[Download the Air Monitoring Factsheet](#) | [Spanish](#) | [Chinese](#)

# PA 1 | Construction Work Sequencing

ALL WORK IS SUBJECT TO CHANGE



## INLAND

- A. Mobilization & Removals
- B. Sewer Replacement & Upgrade
- C. Floodwall Pile Installation & Concrete Foundation
- D. Concrete Floodwall
- E. Fill & Compaction
- F. Site Elements & Materials (roadway, sidewalks, parks elements)

## WATERFRONT / ESPLANADE

- A. Soil Stabilization
- B. Remove Esplanade
- C. Install new combi-wall & cap wall
- D. Install New Esplanade
- E. Fill (as needed by location)
- F. Site Elements & Materials (esplanade & parks elements)

# PA1 | Construction Photos

**CONSTRUCTION  
PROGRESS/  
APPROACH**



**Corlears Hook Bridge West Abutment**



**Corlears Hook Bridge East Abutment**



# PA1 | Corlears Hook Bridge Rendering

**CONSTRUCTION  
PROGRESS/  
APPROACH**



# PA1 | Montgomery Greenway Floodwall Activities

ALL WORK IS SUBJECT TO CHANGE

- work was originally scheduled to be completed during overnight shifts
- with the use of the slip ramps and creativity of the contractor the majority of work is being completed during day shifts
- week of November 14 for one-two weeks, the Contractor will need to complete work during night shift on the FDR and Greenway
- Contractor will then shift back to daytime shifts
- vibratory machines are being used however during certain parts of the operation and when obstructions are hit, the noise will increase
- Work hours for pile install are 7am – 6pm however the contractor may start to mobilize and perform other work activities at 6am

Community Advisory

Project # SANDRESM1 | Borough: Manhattan | Update: 07/29/2022

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

## Nightwork: Floodwall Operations at NB FDR Drive from Montgomery Street to Cherry Street

Starting week of July 25<sup>th</sup>, 2022  
9:00 pm to 5:00 am  
Ongoing for several months

**To facilitate construction of the floodwall, preparation activities for pile install will necessitate overnight work with FDR lane closures. After preparation activities, overnight pile install will begin. Noise monitors are in place.**

FDR onramp Exit #3 northbound entrance (Montgomery Street) will remain open unless otherwise indicated. See weekly bulletin for more information.



Questions? ¿Preguntas? 问题?  
PA1 Community Construction Liaison (CCL) | Email: [ESCRCL1@ddccr.com](mailto:ESCRCL1@ddccr.com)  
Sonia Quinones, para más información llame, 347-628-8724  
Joyce Xin, 欢迎中文咨询, 929-844-0408  
Inquiries | Consulta en Línea | 线上咨询: [www.nyc.gov/escr/contact](http://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



NYC  
Parks



NEW YORK CITY  
DOE  
Department of  
Environmental  
Protection

Sheet pile installation along Greenway is approximately 50% completed.

COMMUNITY ADVISORY GROUP— East Side Coastal Resiliency Project

37

**CONSTRUCTION  
PROGRESS/  
APPROACH**

# PA1 | Montgomery Greenway Floodwall Rendering



**CONSTRUCTION  
PROGRESS/  
APPROACH**

# PA1 | Montgomery Street Floodwall Activities

ALL WORK IS SUBJECT TO CHANGE



**FLOODGATE IN THE OPEN POSITION**

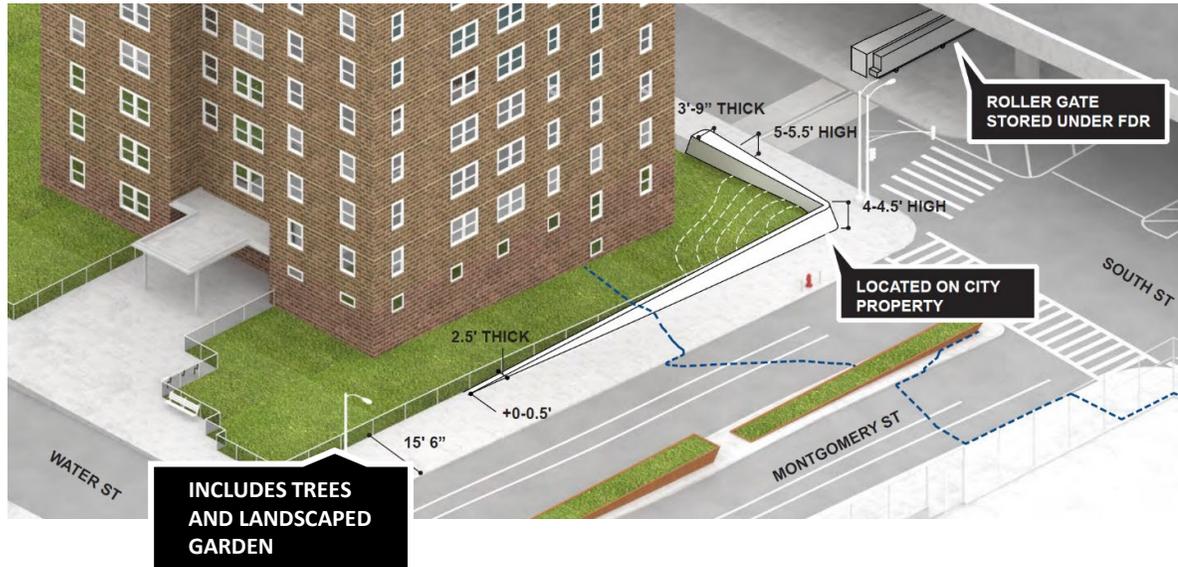


**FLOODGATE IN THE CLOSED POSITION**

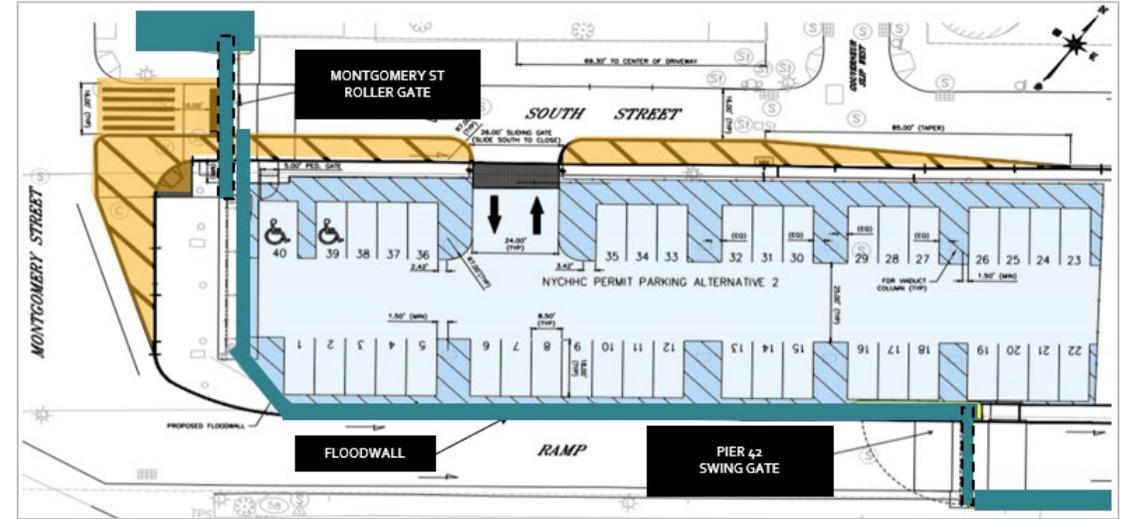
**CONSTRUCTION  
PROGRESS/  
APPROACH**

# PA1 | Montgomery Street Floodwall Activities 2023

ALL WORK IS SUBJECT TO CHANGE

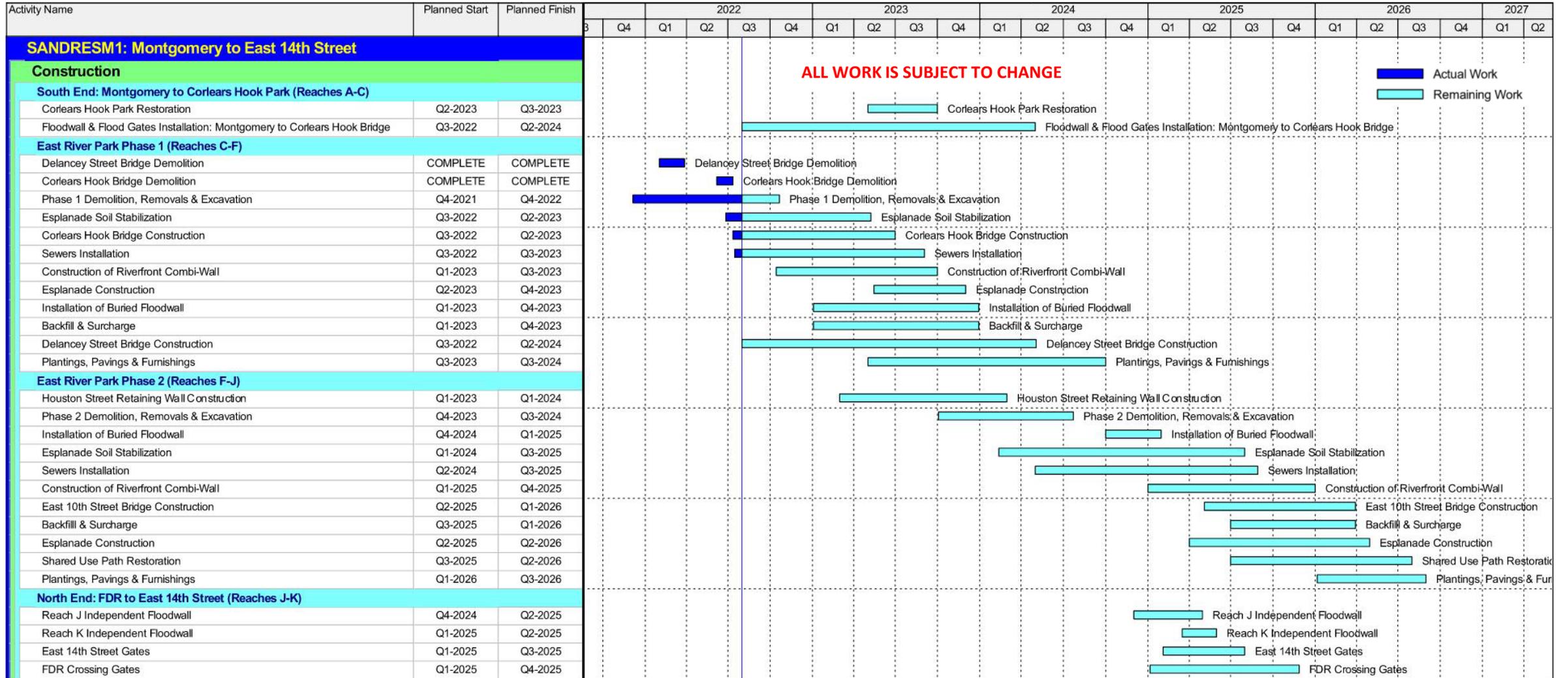


Gouverneur Gardens Floodwall



Montgomery Street Parking Lot (used by Health & Hospitals) Floodwall

# PA1 | 8.18.22 Construction Timeline



# PA1 | July 2022 Construction Activities

ALL WORK IS SUBJECT TO CHANGE

## Floodwall Operations at NB FDR Dr.

- Overnight work due to lane closure for approximately 3-4 months
- Work activities will vary during this time with vibratory pile install anticipated for approximately 6-8 weeks



#6 Montgomery St. / South St. floodwall and flood gate



#6 Southern Reaches of floodwall along Greenway

Community Advisory

EAST SIDE  
COASTAL  
RESILIENCY

Project # SANDRESM1 | Borough: Manhattan | Update: 07/29/2022  
The East Side Coastal Resiliency (ESCR) Project is an initiative to provide long-term flood protection on the east side of Manhattan.

## Nightwork: Floodwall Operations at NB FDR Drive from Montgomery Street to Cherry Street

Starting week of July 25<sup>th</sup>, 2022  
9:00 pm to 5:00 am  
Ongoing for several months

To facilitate construction of the floodwall, preparation activities for pile install will necessitate overnight work with FDR lane closures. After preparation activities, overnight pile install will begin. Noise monitors are in place.

FDR onramp Exit #3 northbound entrance (Montgomery Street) will remain open unless otherwise indicated. See weekly bulletin for more information.

**Questions? Preguntas? 问题?**  
PA1 Community Construction Liaison (CCL) | Email: [ESCRCL1@ddccr.com](mailto:ESCRCL1@ddccr.com)  
Sonia Quinones, para mas información llame, 347-628-8724  
Joyce Xin, 欢迎中文咨询, 929-844-0408  
Inquiries | Consulta en Línea | 线上咨询: [www.nyc.gov/escr/contact](http://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.

East Side Coastal Resiliency  
[www.nyc.gov/escr](http://www.nyc.gov/escr)

Department of  
Design and  
Construction  
Office of Community Outreach & Notification

NYC Parks

NEW YORK CITY  
DOT  
Department of  
Transportation

NYC  
Environmental  
Protection

# PA2 | Construction Progress & Activities

ALL WORK IS SUBJECT TO CHANGE

1. Stuyvesant Cove Park north of E 20<sup>th</sup> St.:
  - seat wall construction and grading
  - Solar One temporary pavement install in progress
2. Stuyvesant Cove Park south of E 20 St:
  - pile installation
  - **ferry access remains open**
3. E 23<sup>rd</sup> St. Intersection:
  - utility work & floodwall construction
4. West Service Road:
  - floodwall construction
5. FDR Dr. NB exit 7 ramp:
  - pile installation and ECS work under FDR
6. E 15th Street between Ave C and FDR Dr. within Con Edison Facility
  - sewer reconstruction
7. Avenue C between E 20 St and E 18 St
  - ConEd utility work



# PA1 | Construction Photos

CONSTRUCTION  
PROGRESS/  
APPROACH



*Sheet Pile installation for floodwall along the Greenway with vibrating pile rig – September 2022*

**CONSTRUCTION  
PROGRESS/  
APPROACH**

# PA1 | Construction Photos



*H-pile installation for deep sewer work – September 2022*

# PA 1 | Construction Activities through 2022

ALL WORK IS SUBJECT TO CHANGE

1. General utility work.  
Deep sewer excavation.  
Demolition of Tennis Building – TBD
2. Soil stabilization process along waterfront.  
Continue demolition of esplanade & construct new esplanade.  
Barge activities along waterfront.
3. Continue Corlears Hook Park partial closure.  
Corlears Hook Bridge removal and reconstruction of new bridge.
4. Passive lawn utility work.
5. Delancey Street utility work & reconstruction of new bridge.
6. **Montgomery Street & Greenway floodwall construction**



#6 Montgomery St. / South St. floodwall and flood gate



#6 Southern Reaches of floodwall along Greenway