

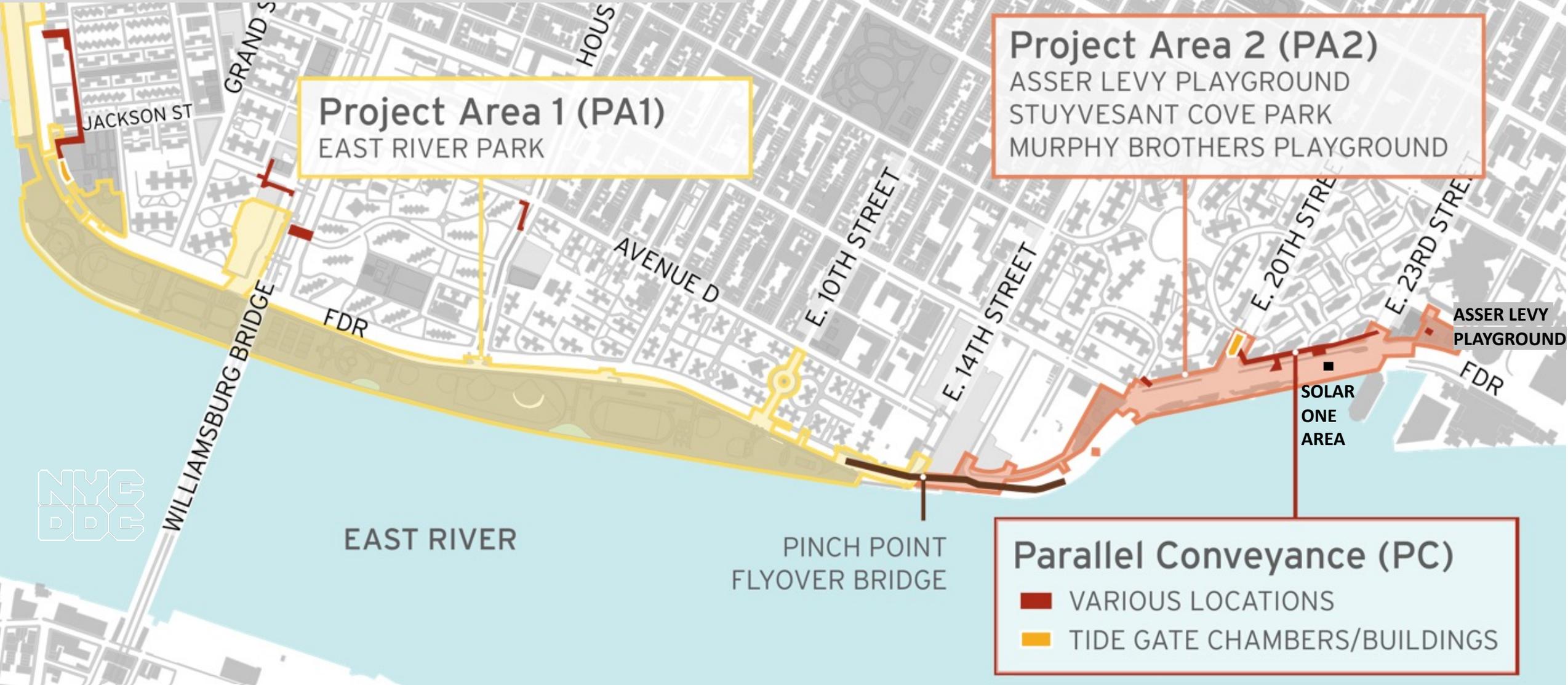
COMMUNITY ADVISORY GROUP (CAG)

Meeting #39

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

Virtual
Thursday, November 30, 2023

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



SAVE THE DATE

Henry St. Settlement Job Fair
December 14, 2023 – 10am – 1pm

FUNDING PROVIDED BY
NYC Department of Youth & Community Development

HENRY STREET SETTLEMENT

WORK, LEARN & GROW

YOUR BUSINESS NEEDS YOUTH INTERNS!

Wages for all interns are covered by Henry Street's contract with the Department of Youth and Community Development (DYCD)

- Internships will operate from January 2 through April 13
- Interns can work up to 12 hours each week, including on weekends
- During school breaks youth can work up to 20 hours per week

SCAN ME

The Work, Learn & Grow Employment Program offers young people ages 16 to 20 from select public schools in New York City an opportunity to strengthen work-readiness skills, explore careers, and receive academic support, including guidance on postsecondary education and the potential to earn college credit.

CONTACT US TODAY FOR MORE INFORMATION!

For more info contact:
Yulissa Balbuena
YBalbuena@henrystreet.org
929-638-1139

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 utility work in progress
- floodwall & esplanade construction activities ongoing as well as fill operation via barge
- E. Houston St. retaining wall work
- **fields 1 & 2 construction in progress**

Project Area 2 (PA2)

- NTP issued November 2020
- over 2,400 ft of floodwall installed
- **Asser Levy Playground Open**
 - gate 18 installed
- **Stuyvesant Cove Park** including Solar One Area under construction
 - gates 9-17 installed
 - north of E 20th St. open
Greenway open
 - site restoration work in progress south of E 20th St. – Greenway closed
- **Murphy Brothers** under construction

Parallel Conveyance (PC)

- NTP issued September 2022
- subsurface investigations in progress
- water main replacement in progress
- utility relocation 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>

PA1 | Construction Progress



**CONSTRUCTION
PROGRESS/
APPROACH**

PA1 | 2023 Construction Activities

ALL WORK IS SUBJECT TO CHANGE

1. Esplanade removal 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
2. Delancey Street - pile install then footing excavation.
3. Construction for new Corlears Hook bridge.
4. Passive lawn partial closure for utility work & esplanade work.
February 2024 full closure for Delancey St. bridge staging.
5. Utility work around Montgomery Street & South Street.
6. Montgomery St. – Cherry St. Greenway floodwall activities.
7. E. Houston Street pile install.
Pedestrian Detour Shift.
8. Slip Ramps in use.
9. E 10th Street utility work in preparation for 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.



INDICATES EVENING WORK SHIFTS

PARK
AMENITIES

PA1 | Fields 1 and 2 - Rendering



**PARK
AMENITIES**

PA1 | Fields 1 and 2



Ballfields 1 and 2 construction & lighting installation - November 2023

PA1 | Construction Photos – Corlears Hook Bridge



West Retaining Wall at Corlears Hook Bridge - November 2023



PA1 | Construction Photos – Delancey Street Bridge



Test fit of Delancey Street Bridge superstructure at fabrication facility - November 2023

1. Fabrication
2. Mock assembly
3. Disassembly
4. Final finishes
5. Ship to site
6. Stage in Passive Lawn (Feb 2024)
7. Overnight FDR closure to roll constructed bridge into place (April/May 2024)

PA1 | Transition into Phase 2



In response to feedback from local stakeholders and elected officials, plans to begin work on the full phase 2 esplanade have been reevaluated.

Instead, the contractor will begin the transition from Phase 1 to Phase 2 while maintaining 42% open space for park users.

This work balances the needs of field & esplanade users and will begin winter 2023/24 when park use is not at peak instead of during summer 2024, when park use is at peak.

PA1 | Transition into Phase 2

SUBJECT TO CHANGE

Winter 2023/2024

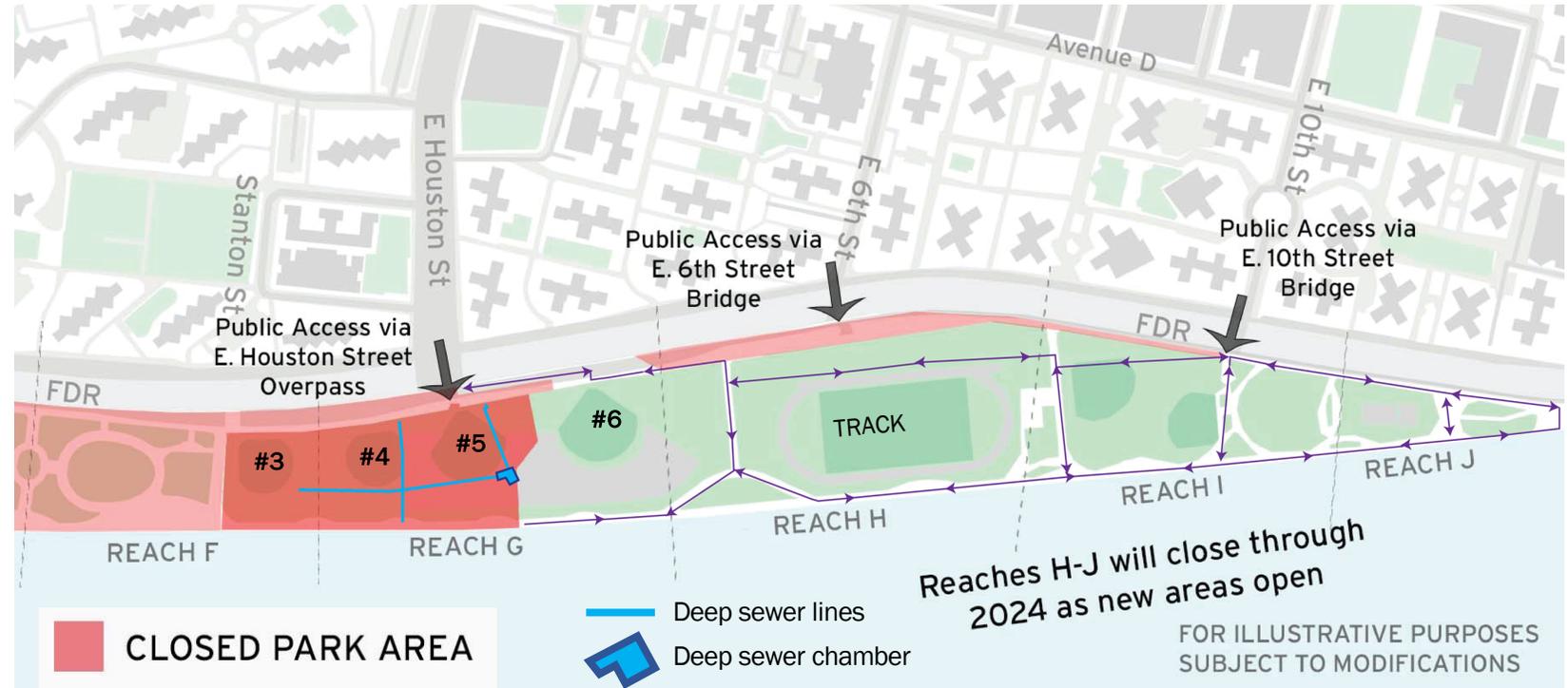
- Closure of ballfields #3 - 5 and esplanade in Reach G, after fall sports season ends.

Benefits

- Majority of Phase 2 esplanade remains open.
- Contractor can perform critical sewer work in ballfield 5 while Phase 1 fill settles.

Open Space Commitment

- Contractor will continue to maintain 42% open space.
- To date, contractor has successfully managed to limit the impact to park so that 52%+ of the park has remained open.
- Ballfield #6 will remain open until additional Phase I areas reopen.
- The team continues to work with Parks to review pedestrian circulation and amenity availability throughout the park.
- Parks is working with DOE on alternate field availability.



- Access | Access via E. Houston St., E. 6th St., and E. 10th St. will be maintained.
- Pier 42 | Pier 42 upland park is scheduled to open Early 2024.

PA1 | Transition into Phase 2

SUBJECT TO CHANGE



Ballfields 1 & 2 scheduled to open late spring 2024 – access will be provided.

Ballfields & section of esplanade to close December 2023.

PA1 | Transition into Phase 2 – Open Space

SUBJECT TO CHANGE



Current		
Open Space	22.1 acres	55%
Closed	18.1 acres	45%



Transition to Ballfields 3,4,5		
Open Space	17.0 acres	42.3%
Closed	23.2 acres	57.7%



Transition to Ballfields 3,4,5 with 1 & 2 open		
Open Space	19.9 acres	49.5%
Closed	20.3 acres	50.5%

PA1 | Transition into Phase 2



- ❑ EARLY 2024 | ANTICIPATED OPENING OF PIER 42 UPLAND
- ❑ LATE SPRING 2024 | SCHEDULED OPENING OF CORLEARS HOOK PARK CHERRY HILL & FLAGPOLE AREA
- ❑ LATE SPRING 2024 | SCHEDULED OPENING OF BALLFIELDS 1 & 2 IN PHASE 1
- ❑ SUMMER 2024 | ORIGINAL START OF TRANSITION INTO PHASE 2

PA1 | What We've Heard

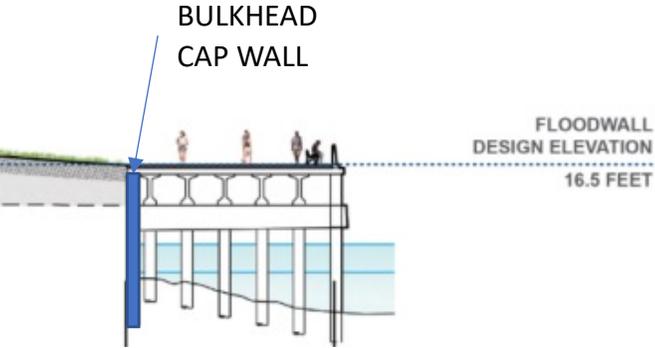
Questions from CAG PA1 Walk-through:

- **IPC litter:** will be disposed of properly and not buried. The contractors are responsible for maintaining the site and waste management.
- **Personal vehicles:**
 - Environmental impacts of vehicular traffic were analyzed in the Environmental Impact Statement which can be found on the ESCR Website:
<https://www.nyc.gov/site/escr/about/environmental-review.page>
 - The contractor's robust air quality monitoring program monitors air quality all around the site regardless of if air quality alerts are caused by construction activities, construction vehicles, personal vehicles, or other sources. More information can be found on the ESCR air quality monitoring page:
<https://www.nyc.gov/site/escr/project-updates/environmental-monitoring.page>
- **Houston Street pedestrian detours:** the signage here has been reviewed by DOT and DDC and said to be sufficient. From observation, people are aware of the detour however continue to ignore. CCL will add additional signage in Chinese and Spanish.
- **Williamsburg Bridge:** flood protection is east of the bridge piers, along the water, so the piers will be included in the protected area.
- **Fire Boat House:** DDC is working very closely with Parks and looking to have an update in December

PA1 | What We've Heard



Cap Wall form work north of Williamsburg Bridge - November 2023



PA1 | What We've Heard

**ACCESS/
SIGNAGE/
SAFETY**

**PARK
AMENITIES**

- **South Street / Montgomery Street Intersection:** the ESCR team is working to schedule a site visit with NYC DOT
- **Compost:** Parks and DDC are working to schedule a follow up meeting with LESEC to discuss the design



PA2 | Construction Progress

PA2 | Construction Progress

Stuyvesant Cove Park

- **Area #1 – OPEN!**
 - North entrance at E 23 St closed for EDC Solar One construction work.
 - Greenway remains open.
- **Area #2 – Ferry Access via E 20 St**
 - Greenway and Park south of E. 20th St. scheduled to reopen late 2023/early 2024.
- **Greenway** connecting to East River Park is expected to open late 2023 once sink holes are fixed.





ENVIRONMENT

Environmental Reporting Update Air Quality Monitoring (AQM)

PA1 AQM | Monitoring Locations



PA1 AQM | October 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> <i>位置</i>	PM Size <i>PM Tamano</i> <i>颗粒物尺寸</i>	Date / <i>Fecha</i> / <i>日期</i> BOLD = net exceedances <i>加粗 = 净超标</i> <i>ATREVIDO = superaciones netas</i>	Alert Duration (<i>minutes</i>) <i>Duracion de Aviso (minutos)</i> <i>预警持续时间 (分钟)</i>	Cause <i>Causa</i> <i>原因</i>	Mitigation <i>Mitigacion</i> <i>减缓措施</i>
Montgomery Street to Jackson Street (AQM-GS, AQM-1, AQM-6, AQM-CHR, AQM-CH)	PM 2.5	10/2 10/19	18 12 and 15	<ul style="list-style-type: none"> On-site construction activities Anomalous reading (instrument calibration) 	<ul style="list-style-type: none"> Dust suppression techniques applied None
	PM 10	10/19	3	<ul style="list-style-type: none"> Anomalous reading (instrument calibration) 	<ul style="list-style-type: none"> None
Jackson Street to Williamsburg Bridge (AQM-2, AQM-3, AQM-5, AQM-AT, AQM-FB, AQM-WB)	PM 2.5	10/25	3 to 70	<ul style="list-style-type: none"> On-site construction activities 	<ul style="list-style-type: none"> Dust suppression techniques applied
	PM 10	10/14, 10/25	2 to 62	<ul style="list-style-type: none"> On-site construction activities 	<ul style="list-style-type: none"> Dust suppression techniques applied
Williamsburg Bridge to Northern Project Limit (AQM-4, AQM-WBN)	PM 2.5	10/3 10/11	20 17	<ul style="list-style-type: none"> On-site construction activities Unknown 	<ul style="list-style-type: none"> Dust suppression techniques applied Dust suppression techniques applied
	PM 10	10/11, 10/19	16 and 3	<ul style="list-style-type: none"> On-site construction activities 	<ul style="list-style-type: none"> Dust suppression techniques applied
	PM 2.5	10/4, 10/5, 10/6, 10/10, 10/18, 10/19 10/11, 10/12, 10/13 10/3, 10/25	14 to 62 14 to 68 17 and 16	<ul style="list-style-type: none"> Construction Vehicle Traffic On-site construction activities Unknown 	<ul style="list-style-type: none"> Dust suppression techniques applied Dust suppression techniques applied None
ConEd Utility Work/East River Park (AQM-HS, AQM-TH)	PM 10	10/12	15 and 16	<ul style="list-style-type: none"> On-site construction activities 	<ul style="list-style-type: none"> Dust suppression techniques applied
	PM 2.5	None	None	<ul style="list-style-type: none"> None 	<ul style="list-style-type: none"> None
E 10 th Street (AQM-10S)	PM 2.5	None	None	<ul style="list-style-type: none"> None 	<ul style="list-style-type: none"> None
	PM 10	None	None	<ul style="list-style-type: none"> None 	<ul style="list-style-type: none"> None

PA2 AQM | Monitoring Locations



PA2 AQM | October 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

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Solar One (SO-S3)	PM 2.5	None	None	• None	• None
	PM 10	None	None	• None	• None
Murphy Brothers Playground (ALP-S1, ALP-S2, SO-S4)	PM 2.5	10/1, 10/2, 10/5, 10/16, 10/21, 10/22	1 to 15	• Non-construction activities (Short Duration Alerts)	• None
		10/1, 10/2, 10/31	75 to 486	• Non-construction activities (Long Duration Alerts)	• None
		10/2, 10/3, 10/5, 10/7, 10/10, 10/11, 10/16, 10/17, 10/27	14 to 45	• Construction activities (Short Duration Alerts)	• Dust suppression techniques applied
		10/2, 10/3, 10/4, 10/12, 10/30	75 to 170	• Construction activities (Long Duration Alerts)	• Dust suppression techniques applied
	PM 10	10/2	15	• Non-construction activities (Short Duration Alerts)	• None
		10/1	486	• Non-construction activities (Long Duration Alerts)	• None
10/2, 10/3, 10/10, 10/16		14 to 45	• Construction activities (Short Duration Alerts)	• Dust suppression techniques applied	

PC | Construction Progress

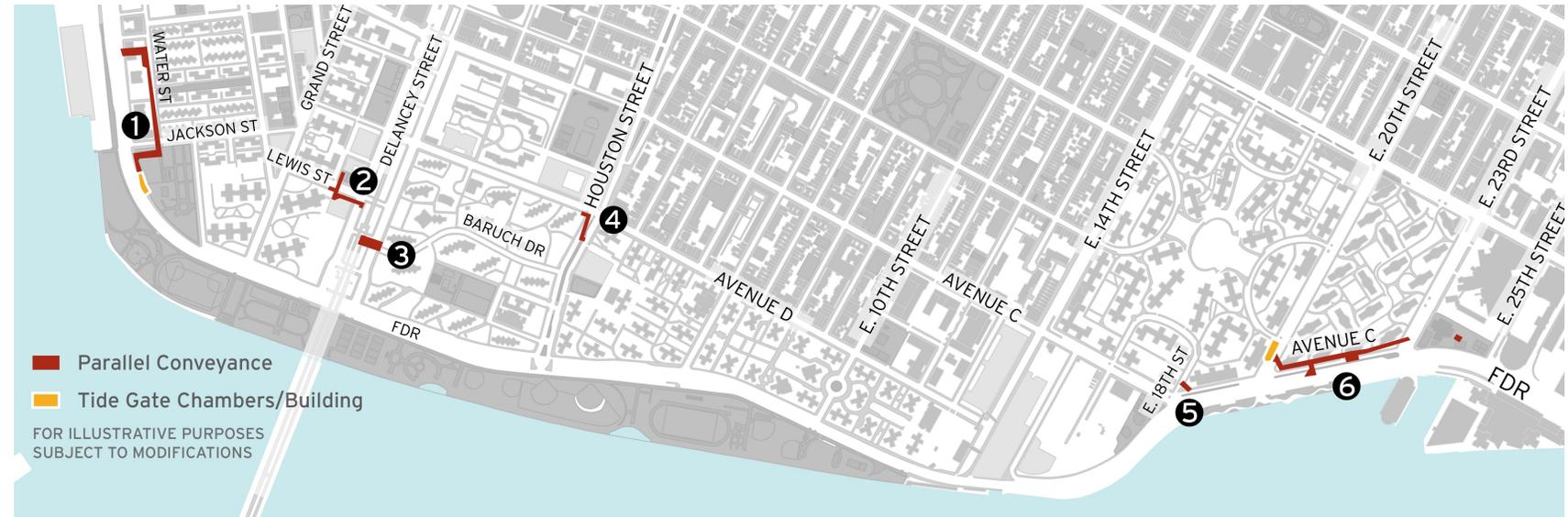


**CONSTRUCTION
PROGRESS/
APPROACH**

PC | Construction Progress

ALL WORK IS SUBJECT TO CHANGE

- Location 1 – Jackson St. & Water St.
 - Jackson St.:
Water main installation and utility relocation
 - Water St.:
Water main installation and utility relocation
 - South St.:
Utility relocation
- Location 2 – Lewis St. & Delancey St.
 - Water main installation and utility relocation
- Location 3 – Baruch Dr. & Delancey St.
 - Water main installation and utility relocation
- Location 4 – Houston & Avenue D
 - Test pits
 - Water main installation and utility relocation



- Location 5 – Avenue C and E18th
 - Test pits
- Location 6 – Avenue C, E20th to E23rd
 - Test pits
 - Clearing and grubbing

PC | Construction Photos

ALL WORK IS SUBJECT TO CHANGE



20" Water Main Installation in Water St. and Gouverneur Slip E.
- November 2023



ConEd ducts installation in Delancey St. North by
Lewis St. - November 2023



Manhole in Delancey St. South - November 2023

PC | Construction Sequencing

ALL WORK IS SUBJECT TO CHANGE



LOCATIONS WITH INTERCEPTOR GATE CHAMBER BUILDINGS

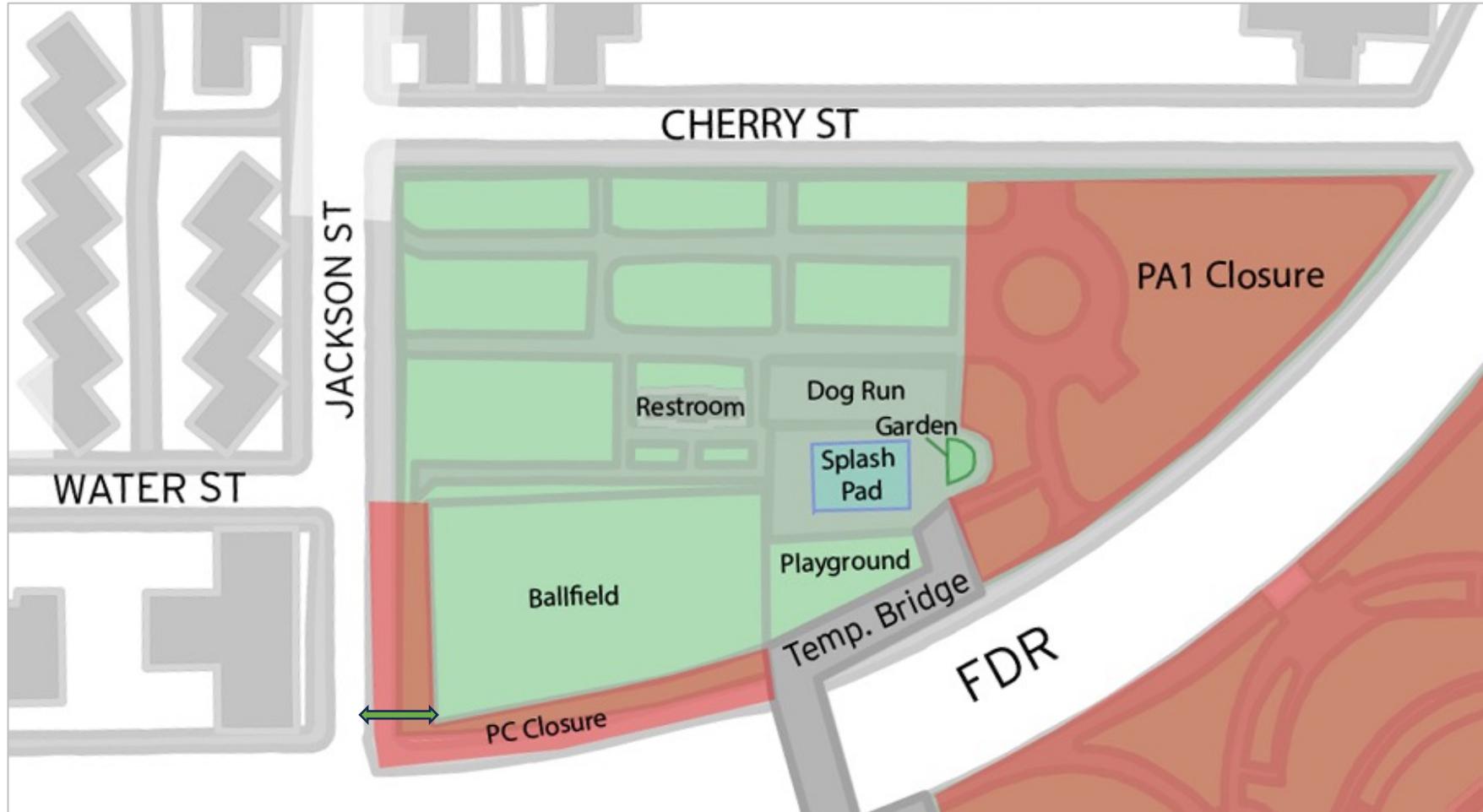
- A. Mobilization & Protection
- B. Test Pits and Site Survey
- C. Utility relocation and upgrades
- D. Excavation for Interceptor Gate Chambers
- E. Install parallel conveyance sewer lines
- F. Construction of Interceptor Gate Buildings
- G. Final restoration

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

PC | Construction Status – Corlears Hook Park

ALL WORK IS SUBJECT TO CHANGE



Closures in Corlears Hook Park as of October 2023. For illustrative purposes only.

PC | Construction Status – Corlears Hook Park

ALL WORK IS SUBJECT TO CHANGE

1. MOBILIZATION AND PROTECTION – INITIAL MOBILIZATION COMPLETED

- a) Why: To secure the site.
- b) How: Construction fence installation, tree guard installation, etc.

2. TEST PITS AND SITE SURVEY – INITIAL TEST PITS COMPLETED

- a) Why: To determine site conditions, including subsurface.
- b) How: Building surveys, small excavations to locate subsurface utilities, etc.

3. UTILITY RELOCATION AND UPGRADES - IN PROGRESS

- a) Why: To move underground utilities (water, gas, electric, steam) out of the way so that there is clear access to the sewer mains below.
- b) How: The contractor excavates the utilities in sections and relocates them—sometimes requiring road closures and parking interruptions.
- c) Result: New utilities, such as water mains, for residents and contractor has easier access to deep sewer infrastructure.

4. EXCAVATION FOR INTERCEPTOR GATE CHAMBERS - UPCOMING

- a) Why: Interceptor gate chambers are large subsurface infrastructure which connects the interceptor and provides access to the gate which is deep underground.
- b) How: Partially close CHP ballfield (approx. stays 70% open) and fully close CHP playground at the end of 2023 to stage for deep excavation.
- c) Result: Continued progress toward constructing the interceptor gate chamber with anticipated return of ballfield to Parks by Spring 2025.

5. INSTALL PARALLEL SEWER LINES

- a) Why: Increase the sewer capacity of the protected area.

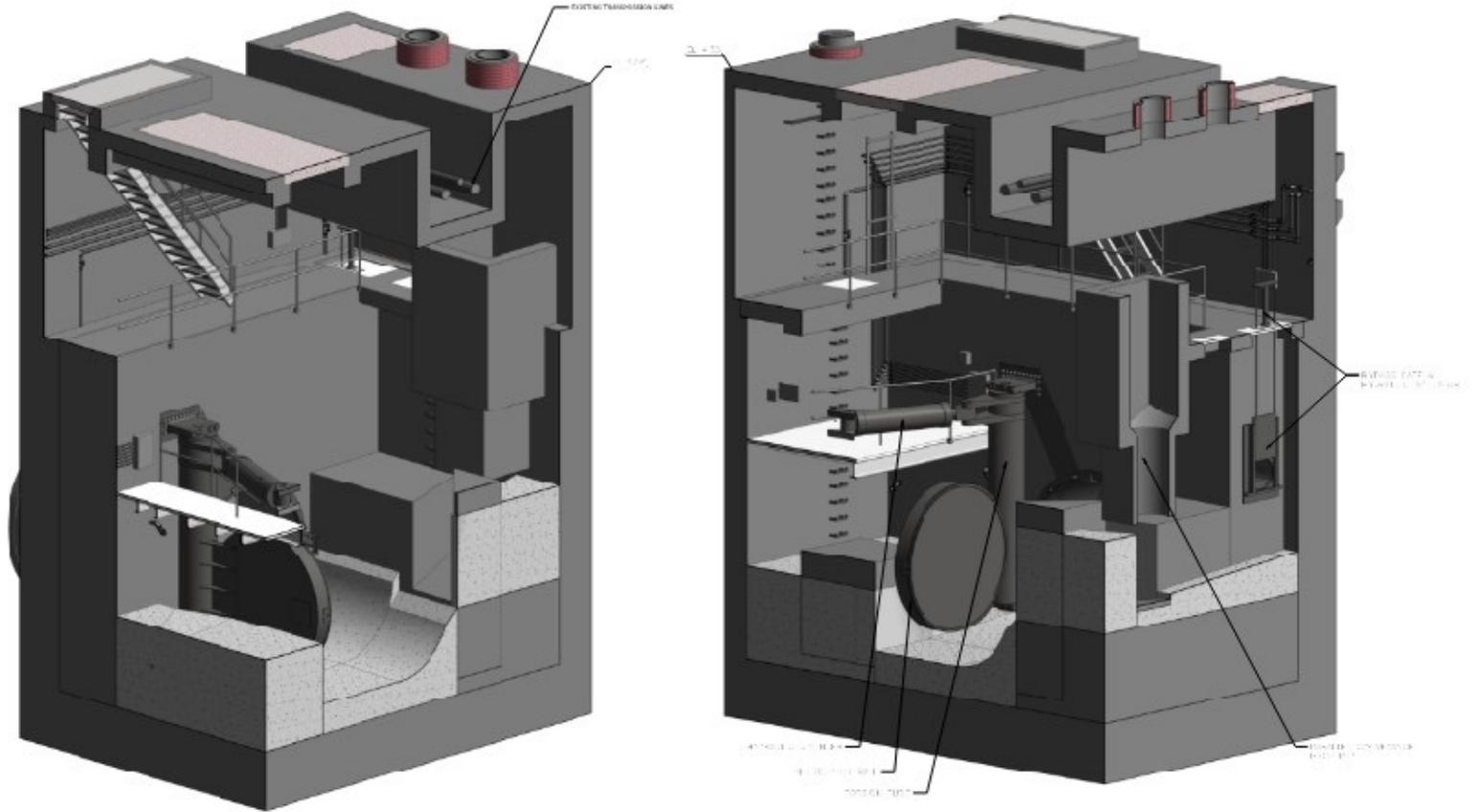
6. FINAL RESTORATION - 2026

PC | Interceptor Gate and Chamber

ALL WORK IS SUBJECT TO CHANGE

Interceptor Gate Chamber Scale

- 37' x 26'
- Approx. 4 stories tall



PC | Rendering of Interceptor Gate Building

ALL WORK IS SUBJECT TO CHANGE



PC | Excavation for Interceptor Gate Building

ALL WORK IS SUBJECT TO CHANGE

Late 2023/Early 2024

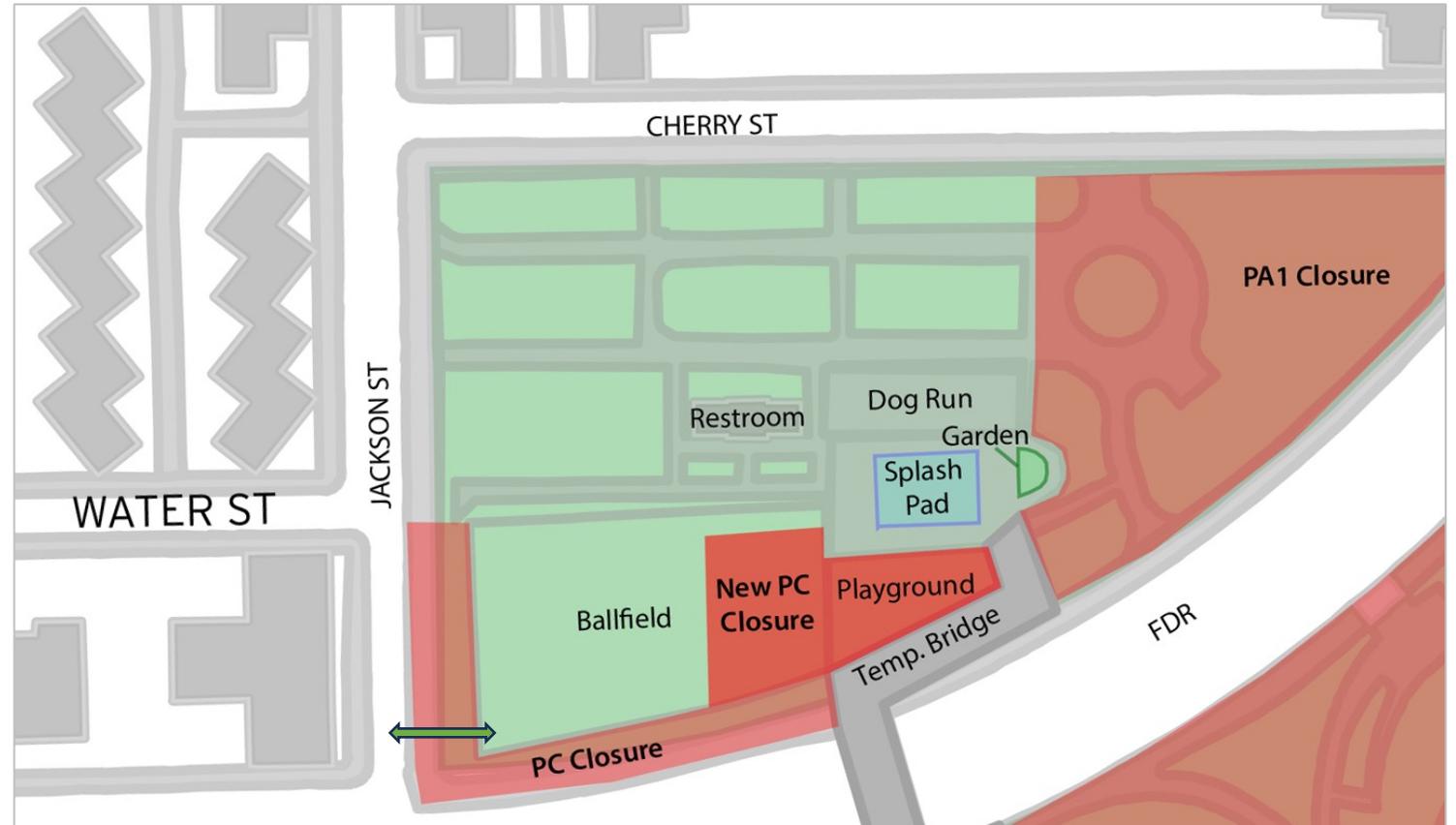
- Partial closure of Corlears Hook Park ballfields amounting to approximately a 30% loss of space.
- 160' x 134' youth league field will remain. Parks coordinating alternative locations for adult leagues.
- New synthetic turf will be installed in the open portion of the athletic field this Winter 2023/24 (Parks)
- Full closure of Corlears Hook Park playground. Access to temporary bridge will remain.

Outcome

- Interceptor gate chamber construction — a critical piece of the flood protection system which needs to connect to the interceptor sewer — can move forward.

Spring 2025

- Contractor will return ballfield to NYC Parks when work concludes.
- Playground area restored



*Proposed closures to facilitate interceptor gate chamber construction.
For illustrative purposes only.*

PC | Excavation for Interceptor Gate Building

ALL WORK IS SUBJECT TO CHANGE

Interceptor Sewer

- The interceptor sewer is 9' wide sewer that carries wastewater and stormwater to the Manhattan pump station which sends combined sewage to the Newton Creek Wastewater Treatment Plant.

Interceptor Gate Chamber

- Massive chamber that houses and provides access to the interceptor gate and sewer.

Interceptor Gate Chamber Building (IGB)

- Future building that will house controls for the interceptor gate chamber.

Construction Space Requirements

- A crane and multiple excavators are necessary to excavate for and construct the interceptor gate chamber due to the depth of interceptor sewer and the chamber's size
- Eventually, the operation will also impact southbound FDR Dr.



*Proposed closures to facilitate interceptor gate chamber construction.
For illustrative purposes only.*

