

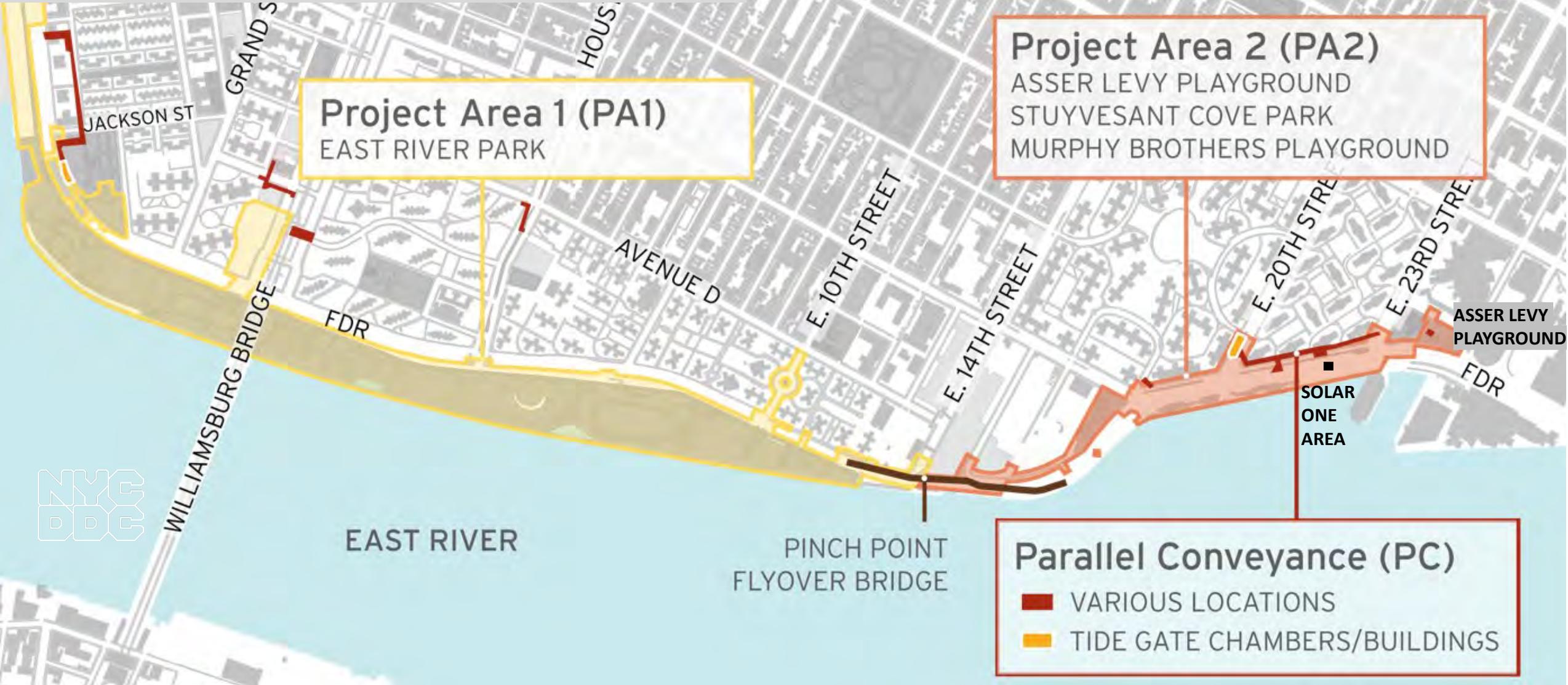
COMMUNITY ADVISORY GROUP (CAG)

Meeting #36

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

Written Update / No Presentation
Friday August 25, 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**

**COMMUNITY
PROGRAMMING &
COORDINATION**

Recent Events:

- 8/1: Tabling at Rutgers Houses Family Day
- 8/12: Tabling at Wald Houses Family Day (Pictured right)
- 8/15: Tabling at the Baruch Houses with Workforce1 and NYCHA REES
- 8/24: Tabling at Gouverneur Gardens and Vladeck Houses





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

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
- E. Houston St. retaining wall work
- Fill operation via barge

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
 - Gates 10, 11, 12, 13, 14, 15, 16, 17 installed
 - **North of E 20th St. – Open**
Greenway open
 - site restoration & flood gate 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/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

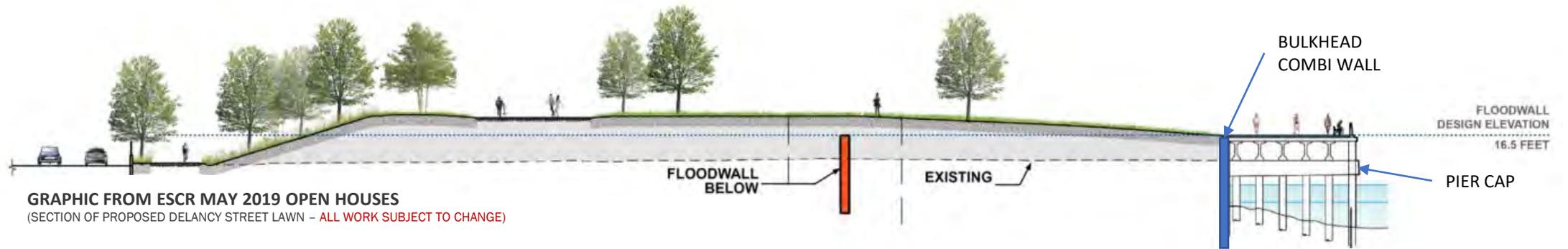
1. Esplanade removal activities along the waterfront.
Deep sewer activities/pile install and park drainage work.
Floodwall (Combi-wall) pre-drilling and installation.
Fill material delivery by barge and placement onsite.
2. Delancey Street curb & sidewalk construction – utility work on hold.
3. Construction 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 test piles and future 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.



PA 1 | Construction Work Sequencing

ALL WORK IS SUBJECT TO CHANGE



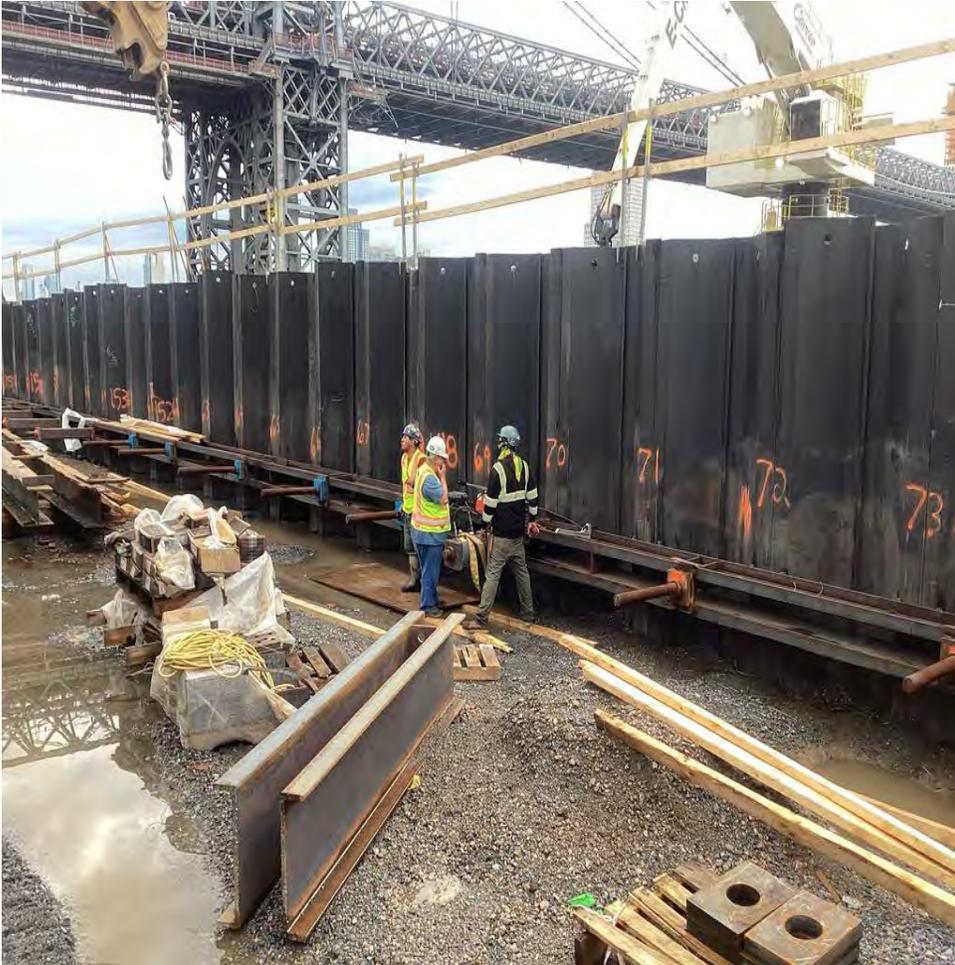
INLAND

- 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



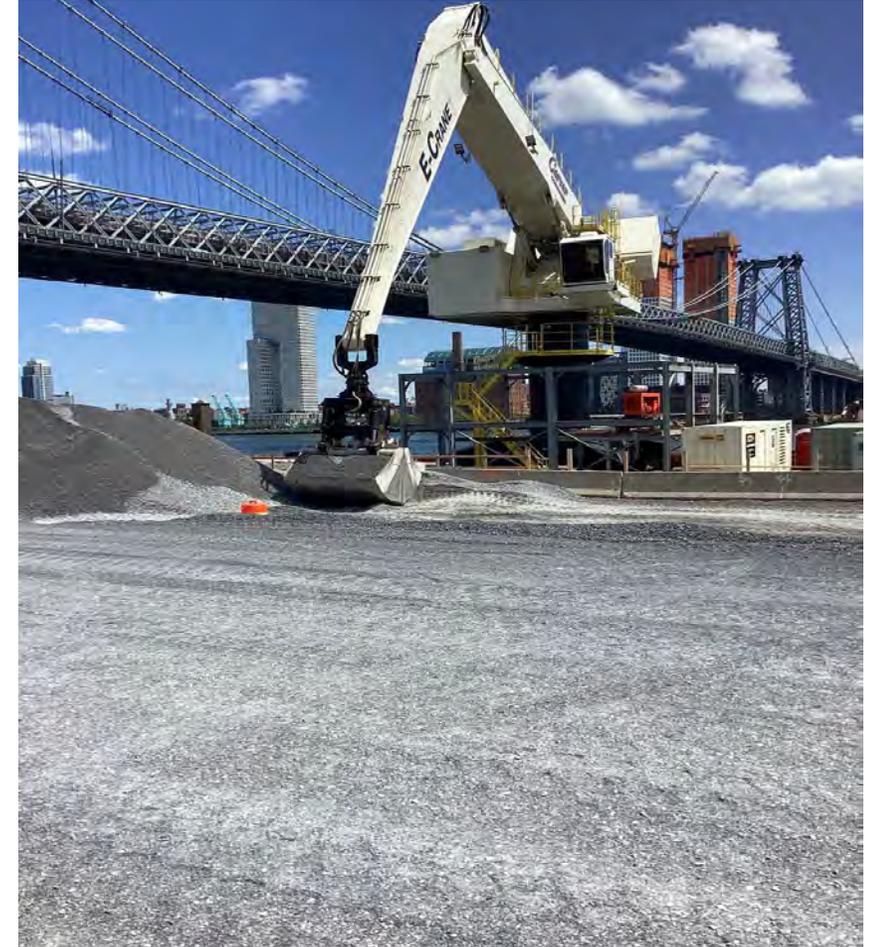
Future Buried Floodwall near Williamsburg Bridge - August 2023



Buried Combi-Wall at South Embayment - August 2023

PA1 | Fill Operations

- East River Park Phase I:
 - 5,700 cubic yards installed to date



Backfilling Operations - August 2023

PA1 | What We've Heard

- **Greenway Bike Path Future Width and Alignment:**
 - Shared use path varies in width throughout the park. Typical section is 22-feet wide, with a 12-foot bike path and 10-foot pedestrian path.
 - At the Corlears Hook and E. 10th Street Bridges, due to space restrictions, the bike path and pedestrian path separate from one another and then rejoin.
 - See following slides for site plan and renderings highlighting the bike path.
- **Hiring Compliance Inquiries: in progress**
- **Esplanade Acceleration: conversation ongoing, responses will be provided next week**
- **Tree size questions: responses will be provided next week**

PA 1 | Greenway Bike Path - Future Alignment



Site plan for future East River Park with the Greenway bike path highlighted in red.

PA 1 | Greenway Bike Path - Phase 1

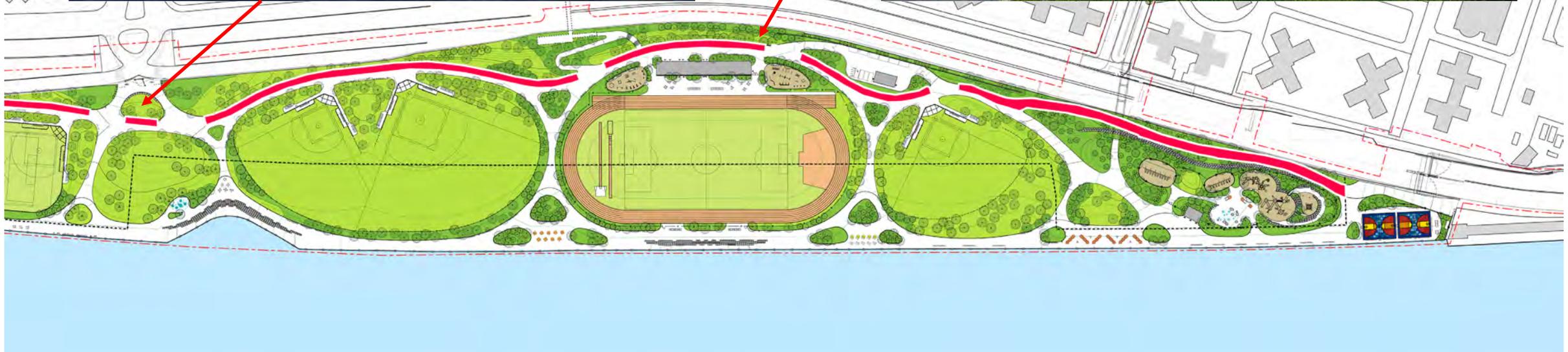


Future Greenway near Montgomery Street (above)
Aerial of Corlears Hook Bridge and future Greenway highlighted red (below)



Future Greenway near Fire Boathouse and Parks M&O Facility

PA 1 | Greenway Bike Path – Phase 2



PA 1 | Greenway Bike Path – Phase 2



Future Greenway (red) near E. 10th Street Bridge (above) and playground (below)

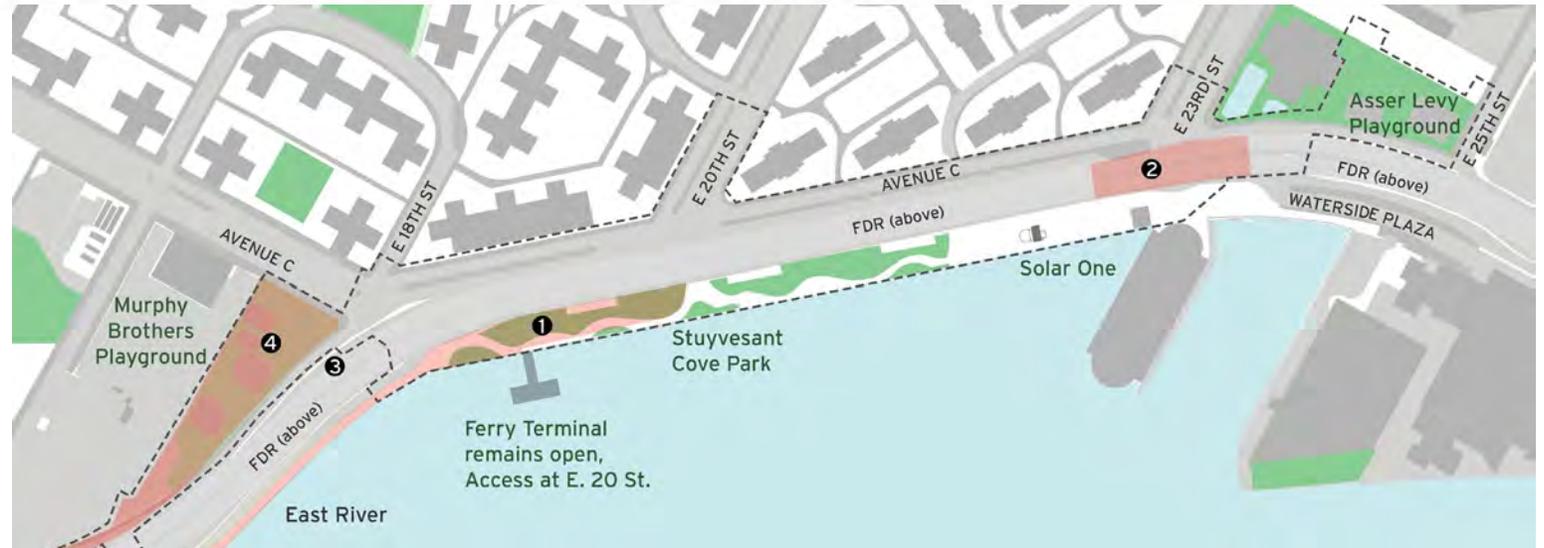
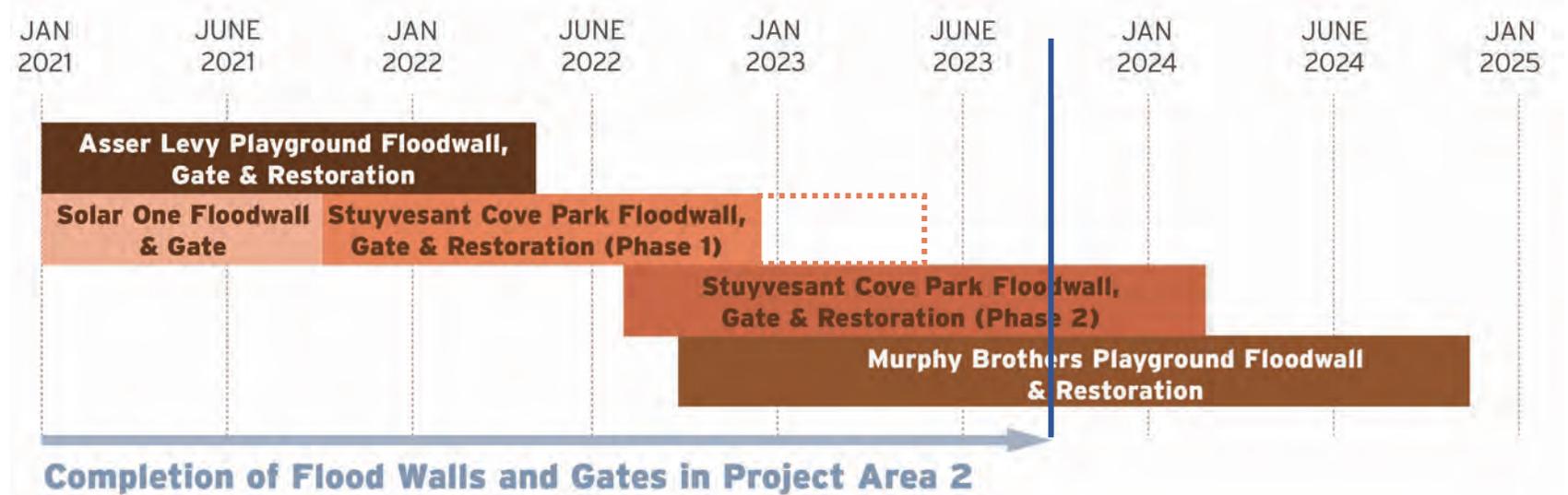
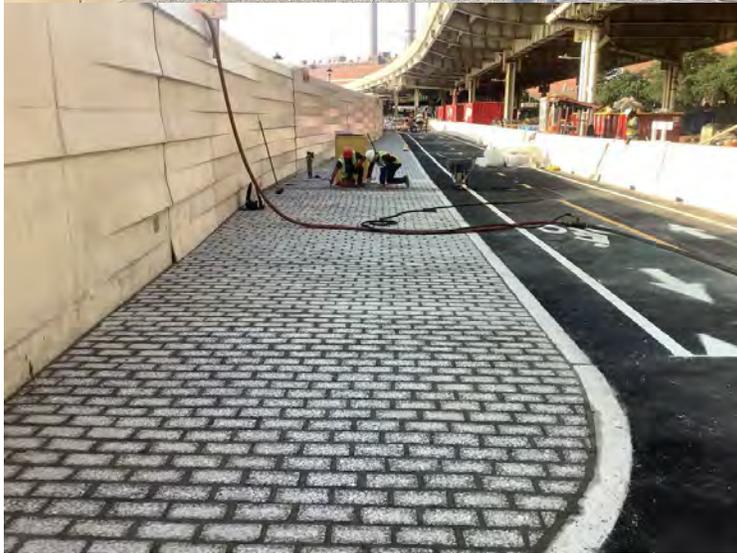




PA2 | Construction Progress

PA2 | Construction Progress

ALL WORK IS SUBJECT TO CHANGE



PA2 | Construction Progress

- Gates 10, 11, 12, 13, 14, 15, 16, 17 and 18 have been installed
- Gates 7, 8, 9, are scheduled to be installed this year.



PA2 | Construction Progress

CONSTRUCTION PROGRESS/ APPROACH

Stuyvesant Cove Park

- Area #1 – **OPEN!**
- Area #2 – Greenway and Park scheduled to reopen Fall 2023.
- Greenway connecting to East River Park will open with Stuyvesant Cove Park South (Area 2).



PA2 | Construction Photos



Floodwall Construction near ConEd Facility - August 2023

PA2 | Construction Photos



Sidewalk Restoration at Gate 10 - August 2023



Stuyvesant Cove South Topsoil & Sea Rail Installation - August 2023



ENVIRONMENT

Environmental Reporting Update Air Quality Monitoring (AQM)

PA1 AQM | Monitoring Locations



PA1 AQM | July 2023 Update

The PM daily value (24-hour TWA) **did not surpass the PEL for this month from construction related activities**. 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 / Fecha / 日期 BOLD = net exceedances 加粗 = 净超标 <i>ATREVIDO = superaciones netas</i>	Alert Duration (minutes) <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	7/8 7/7, 7/11, 7/17, 7/18, 7/20, 7/26, 7/28, 7/31 7/11, 7/15, 7/19*, 7/20* 7/13	15 15 - 101 23 - 29, 395* - 890* 49	<ul style="list-style-type: none"> On-site construction activities Construction vehicle traffic Non-construction activities Off-site construction activities 	<ul style="list-style-type: none"> Dust suppression techniques applied Dust suppression techniques applied None None
	PM 10	7/8 7/7, 7/11, 7/18, 7/20, 7/21, 7/22, 7/24, 7/26, 7/28, 7/31 7/11, 7/15, 7/20 7/13	15 14 - 74 15, 25, 30 50	<ul style="list-style-type: none"> On-site construction activities Construction vehicle traffic Non-construction activities Off-site construction activities 	<ul style="list-style-type: none"> Dust suppression techniques applied Dust suppression techniques applied None None
Jackson Street to Williamsburg Bridge (AQM-2, AQM-3, AQM-5, AQM-AT, AQM-FB, AQM-WB)	PM 2.5	7/20, 7/24 7/8	15 - 16 30	<ul style="list-style-type: none"> On-site construction activities Construction vehicle traffic 	<ul style="list-style-type: none"> Dust suppression techniques applied Dust suppression techniques applied
	PM 10	7/20, 7/24 7/8	15 - 17 24	<ul style="list-style-type: none"> On-site construction activities Construction vehicle traffic 	<ul style="list-style-type: none"> Dust suppression techniques applied Dust suppression techniques applied
Williamsburg Bridge to Northern Project Limit (AQM-4, AQM-WBN)	PM 2.5	7/11, 7/12, 7/14, 7/17, 7/31 7/27	14 - 80 16	<ul style="list-style-type: none"> Construction vehicle traffic Non-construction activities 	<ul style="list-style-type: none"> Dust suppression techniques applied None
	PM 10	7/31	32	<ul style="list-style-type: none"> Construction vehicle traffic 	<ul style="list-style-type: none"> Dust suppression techniques applied
ConEd Utility Work/East River Park (AQM-HS, AQM-TH)	PM 2.5	7/12, 7/13, 7/19	12 - 17	<ul style="list-style-type: none"> Construction vehicle traffic 	<ul style="list-style-type: none"> 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 | July 2023 Update

The PM daily value (24-hour TWA) **did not surpass the PEL for this month from construction related activities.** 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	7/4, 7/5	385 - 833	<ul style="list-style-type: none"> Non-construction activities -Suspected July 4th Impacts 	<ul style="list-style-type: none"> None
	PM 10	7/5	833	<ul style="list-style-type: none"> Non-construction activities -Suspected July 4th Impacts 	<ul style="list-style-type: none"> None
Murphy Brothers Playground (ALP-S1, ALP-S2, SO-S4)	PM 2.5	7/1, 7/2, 7/4, 7/5, 7/18*, 7/19*, 7/20*, 7/21, 7/22,	2 - All Day	<ul style="list-style-type: none"> Non-construction activities 	<ul style="list-style-type: none"> None
		7/3, 7/6, 7/11, 7/13	11 - 14	<ul style="list-style-type: none"> Construction activities (Short Duration Alerts) 	<ul style="list-style-type: none"> Dust suppression techniques applied
		7/3, 7/13, 7/17, 7/19*, 7/24, 7/25, 7/27, 7/31	199 - 829	<ul style="list-style-type: none"> Construction activities (Long Duration Alerts) 	<ul style="list-style-type: none"> Dust suppression techniques applied
	PM 10	7/12, 7/13, 7/24, 7/27, 7/31	327 - 514	<ul style="list-style-type: none"> Construction activities 	<ul style="list-style-type: none"> Dust suppression techniques applied

*: Suspected City-Wide Air Quality Impacts

PC | Construction Progress



**CONSTRUCTION
PROGRESS/
APPROACH**

PC | Construction Progress

ALL WORK IS SUBJECT TO CHANGE

- **Location 1 – Jackson St. & Water St.**
 - Water main installation on Jackson St. between South St. and Water St.
 - Water main installation on South St. between Jackson St. and Gouverneur Slip. E.
 - Utility relocation on Water St. between Jackson St. and Gouverneur Slip E.
 - Utility relocation on Jackson St. between South St. and Water St.
- **Location 2 – Lewis St. & Delancey St.**
 - Test pits
 - Soil sampling
- **Location 3 – Baruch Dr. & Delancey St.**
 - Test pits
 - Soil sampling
- **Location 4 – Houston & Avenue D**
 - Test pits



- **Location 5 – Avenue C and E18th**
 - No operations currently
- **Location 6 – Avenue C, E23rd to E25th**
 - No operations currently

PC | Construction Photos



*Steam Abatement on Jackson St.
- August 2023*



*ConEd conduit installation on Water St.
- August 2023*



*ConEd utility relocation on Water St.
- August 2023*



*Steam main encasement on Jackson St.
- August 2023*

DDC Public Artist in Residence Program

DDC has been selected to participate in [NYC Department of Cultural Affairs 2022-2023 Public Artist in Residence \(PAIR\) Program](#), a municipal residency program based on the premise that artists are creative problem solvers. To that end, artists are embedded in city agencies to use creative, collaborative art practice to propose and implement creative solutions to pressing civic challenges. DDC's Chief Architect and Public Art team—housed within DDC's department of Design & Construction Excellence—have been working with [Carlos Irijalba](#), a multidisciplinary artist who works by the principle of pertinence, trying to remain context-responsive and enhance the connotations of the community. Carlos has chosen the ESCR project as the inspiration for his multi-part art installation **Symbiance**. This temporary art installation will be installed in East River Park, adjacent to the Corlears Hook Pedestrian Bridge Ramp and Esplanade through the fall of this year. Site preparations are scheduled to begin next week. Please see the following slides which provide an overview of his accepted proposal.



SYMBIANCE

ESCR Temporary Art

Carlos Irijalba,
DDC Public Artist in Residence
(2022-2023)

Community Advisory Group

About the Public Artist in Residence:

Carlos Irijalba [Pamplona, 1979], former resident at the Rijksakademie of Amsterdam 2013/2014, Graduated at the Basque Country University and UDK Berlin en 2004.

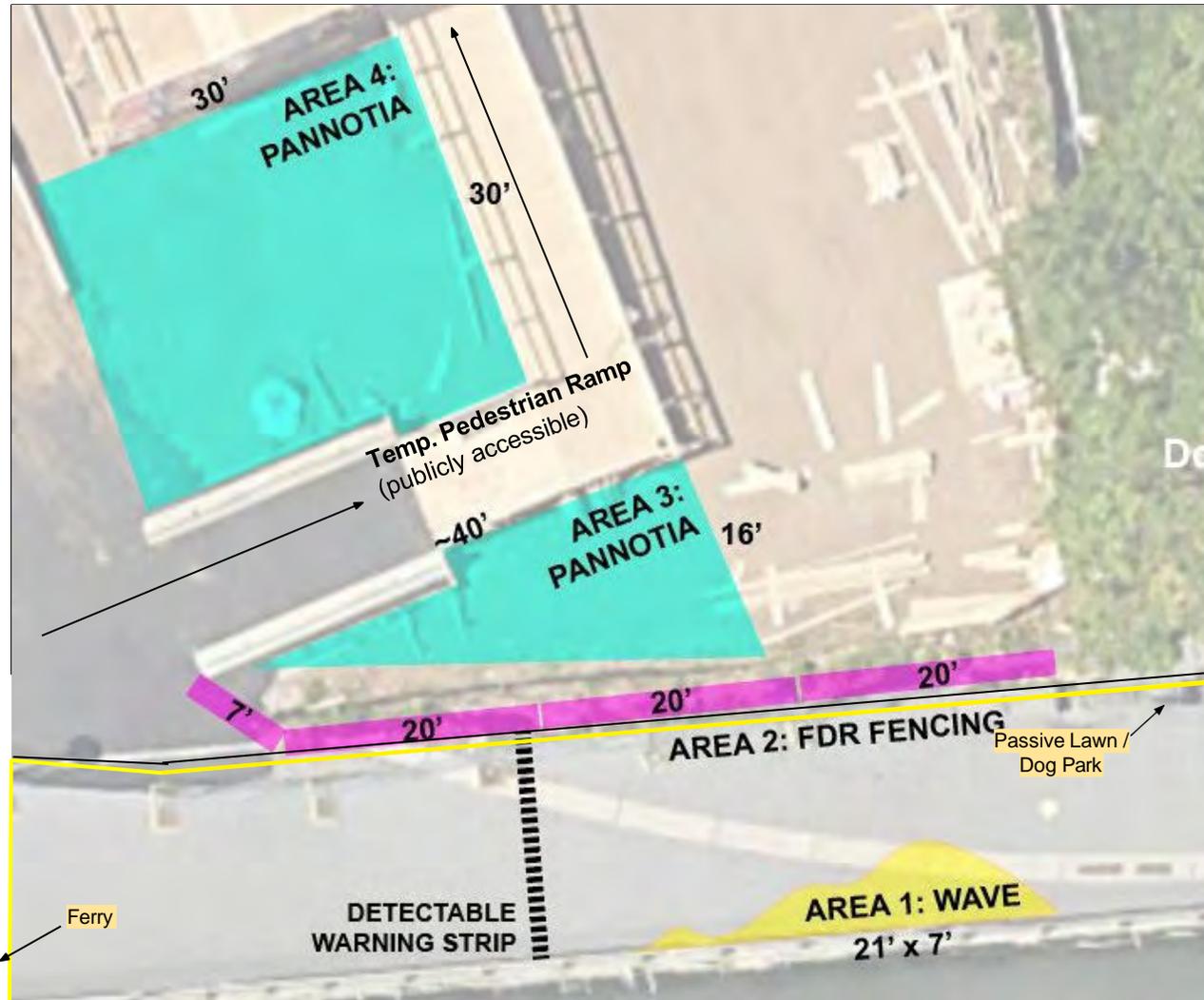
Awarded with the Guggenheim Bilbao Photography Grant in 2003 and the Marcelino Botín Art Grant in 2007/08 also received the Shifting Foundation Grant and first Prize and the Revelation PhotoEspaña Prize among others. Irijalba has exhibited at international Art Museums, including the CCCB Barcelona, MUMA Melbourne or LMCC New York. Recently, he exhibited at the Shanghai Biennial XIII.

www.carlosirijalba.com



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**Areas 2, 3, 4:
DDC Construction Site**



**Area 1:
NYC Parks
(publicly accessible)**

Description of Artwork

Symbiance is a multi-part installation that utilizes salvaged materials including 100% recycled asphalt, geotechnical borings, and discarded concrete fencing from the FDR Drive. It is comprised of a 1:1 scale low-tide wave installation, salvaged fencing installed in a portion of the Corlears Hook waterfront esplanade, and geotechnical core samples to be integrated into the existing construction site.



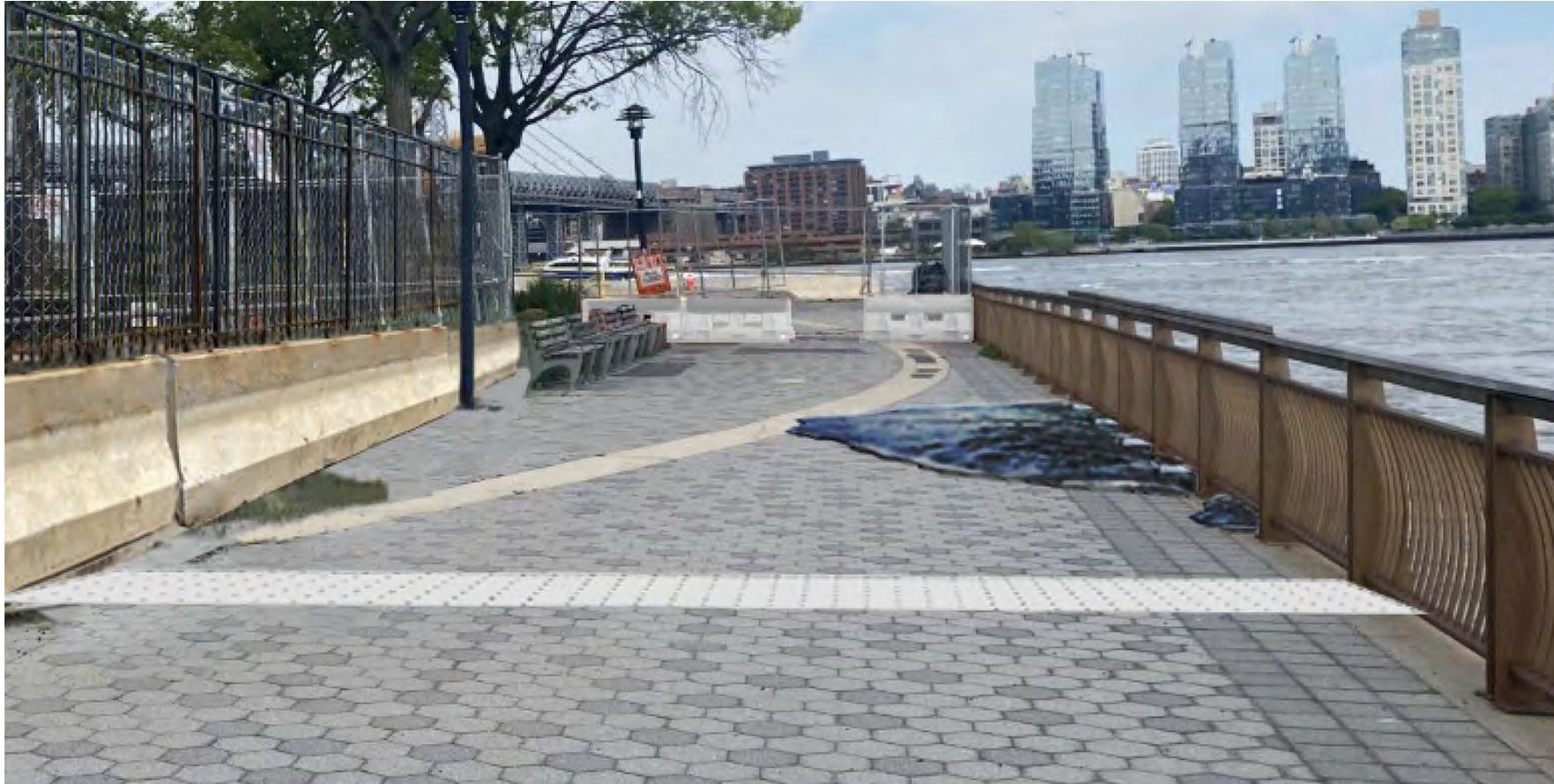
WAVE



FDR FENCING



PANNOTIA



The Wave

The proposed idea is a 1:1 scale low tide wave. A wave frozen in time as a metaphor of the slow cooking consequences of climate change but also the contradictory appearance of sustainability in the urban environment. Equilibrium and interdependence between natural and engineered features are at the very core of this project.



The Fence

As part of the intervention, the artist proposes to reclaim the old FDR Drive fence featuring symbolism from this coast's history and habitat, like the crab, the seahorse and the beaver. With this fence and mockups from the flood wall we are arranging approximately 70' of reclaimed fencing for a better understanding of the history, past and future of this location.



Pannotia

The last physical intervention will take place in the gap between the temporary bridge and the promenade, where an installation made of geotechnical drillings (core samples) will show the dynamism of geology. Approximately 45 linear feet x 20 rows of 2" borings = 970 total linear feet

