

# East Side Coastal Resiliency

Community Board 3  
Parks Committee

February 14, 2019

BRC Senior Services Center





# **PRESENTATION AGENDA**

**Project Overview/Purpose**

**Design Update**

**Bridges**

**Park Buildings**

**Drainage**

**Interim Recreation Update**

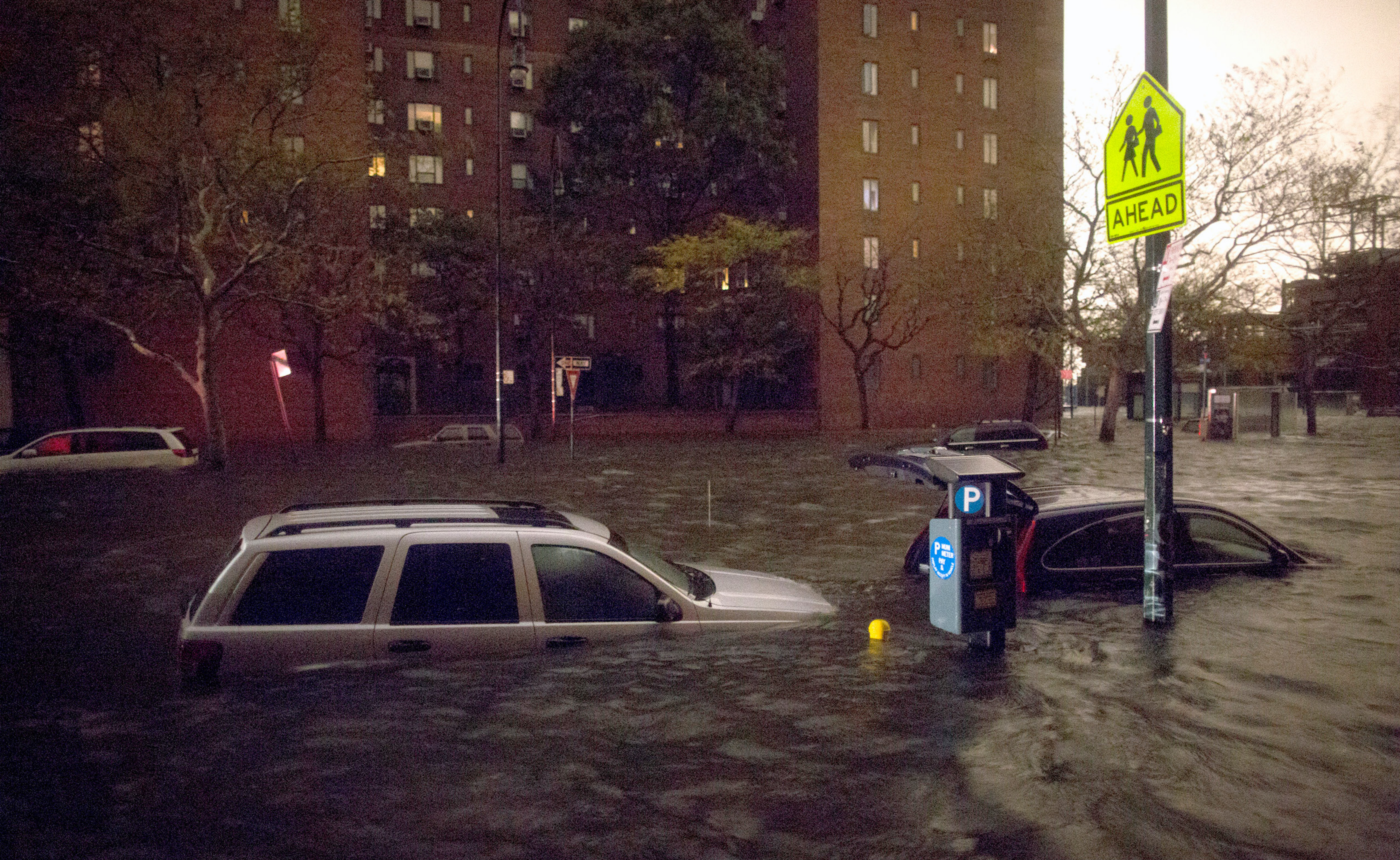
**Outreach Update & Upcoming Milestones**



# PROJECT OVERVIEW







**PROVIDE FLOOD PROTECTION**

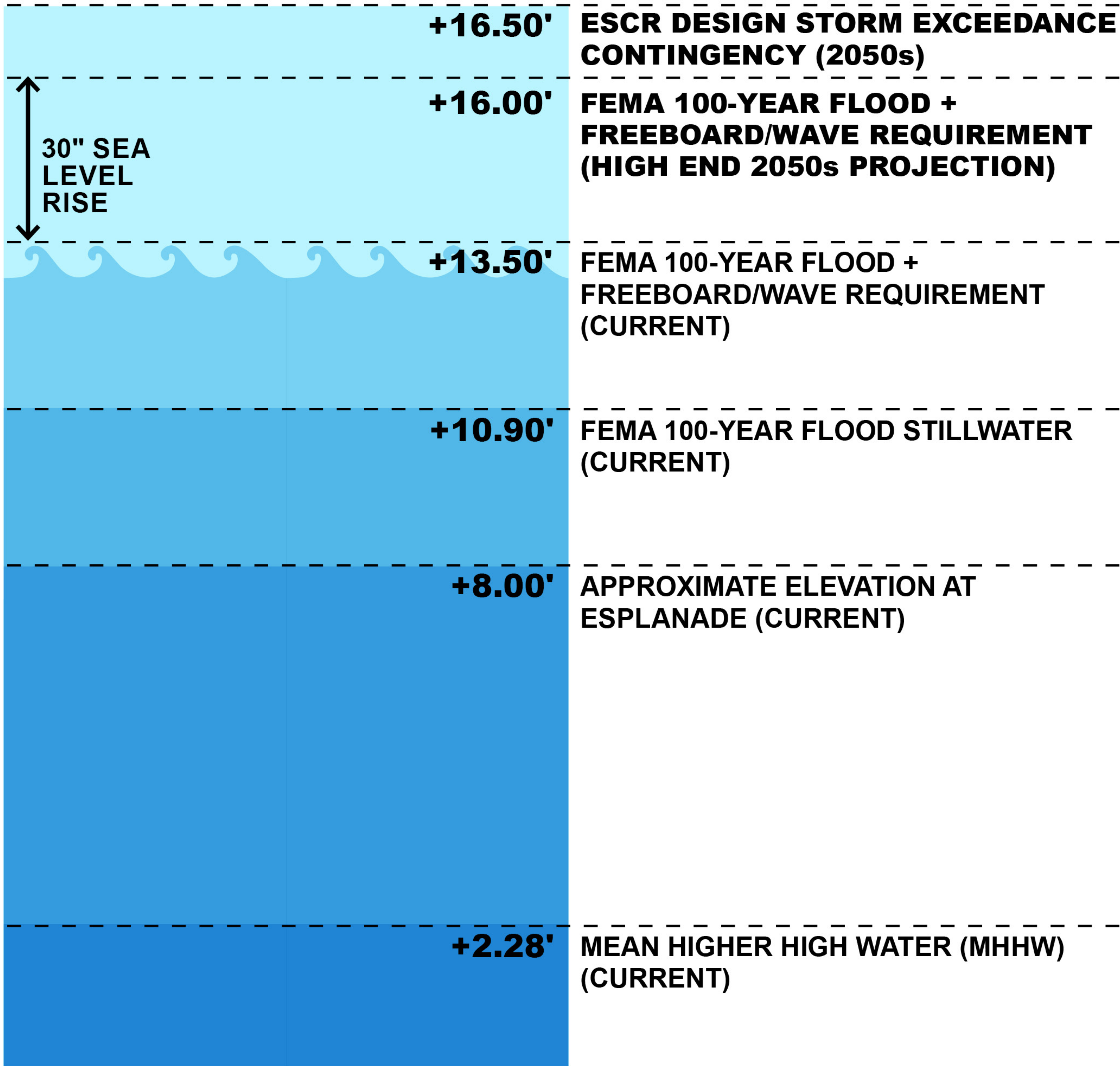




# IMPROVED PARK RESILIENCY

## FLOOD DESIGN ELEVATIONS

**HUD FUNDING REQUIREMENT:  
THE SYSTEM MUST PURSUE FEMA  
ACCREDITATION WITH MINIMUM  
SYSTEM ELEVATION AT CURRENT  
FEMA 100-YEAR STORM ELEVATION +  
FREEBOARD**



NOTE: ALL ELEVATIONS SHOWN IN NAVD88



# FLOOD PROTECTION

PARK PROGRAM AND INPUT PRESERVED



**FLOODWALL**



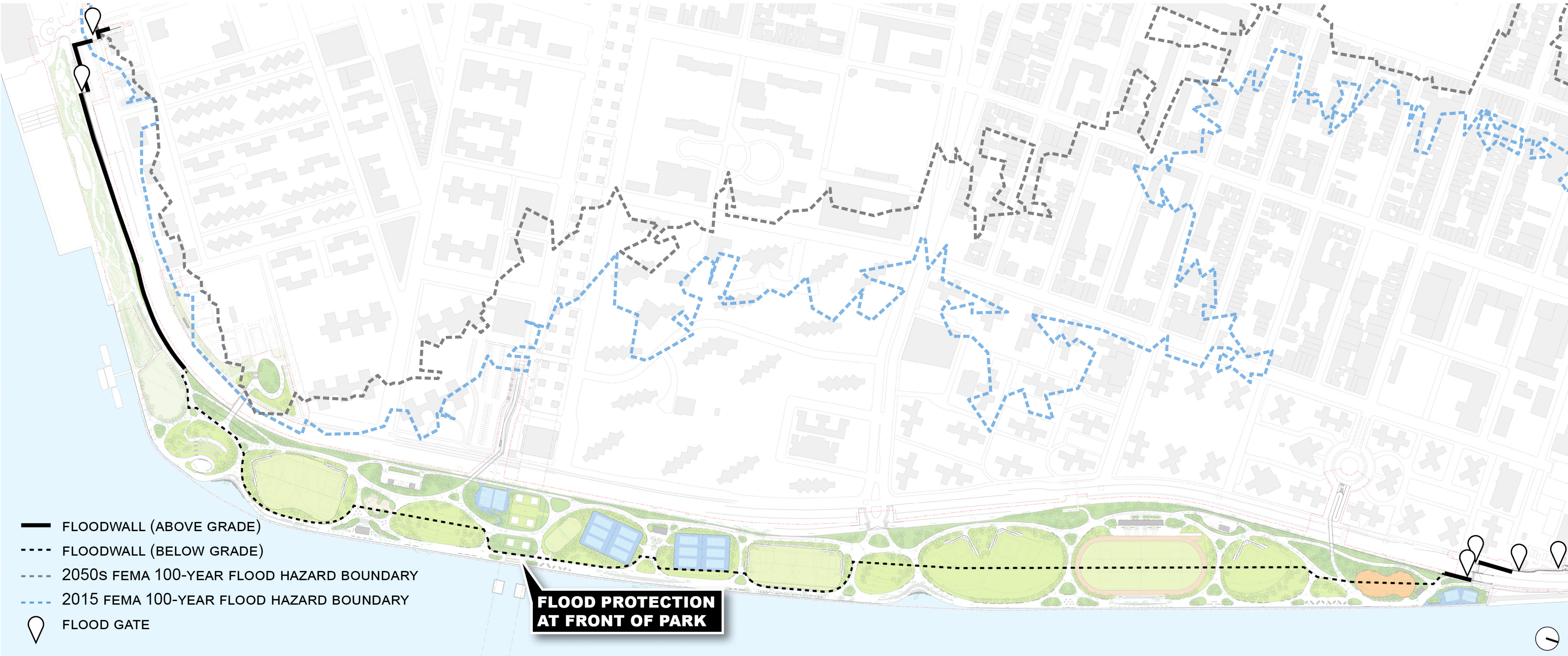
**RAISED PARK**



**FLOOD GATE (OPEN)**



**FLOOD GATE (CLOSED)**







**NYU SCHOOL OF DENTISTRY  
433 FIRST AVENUE**

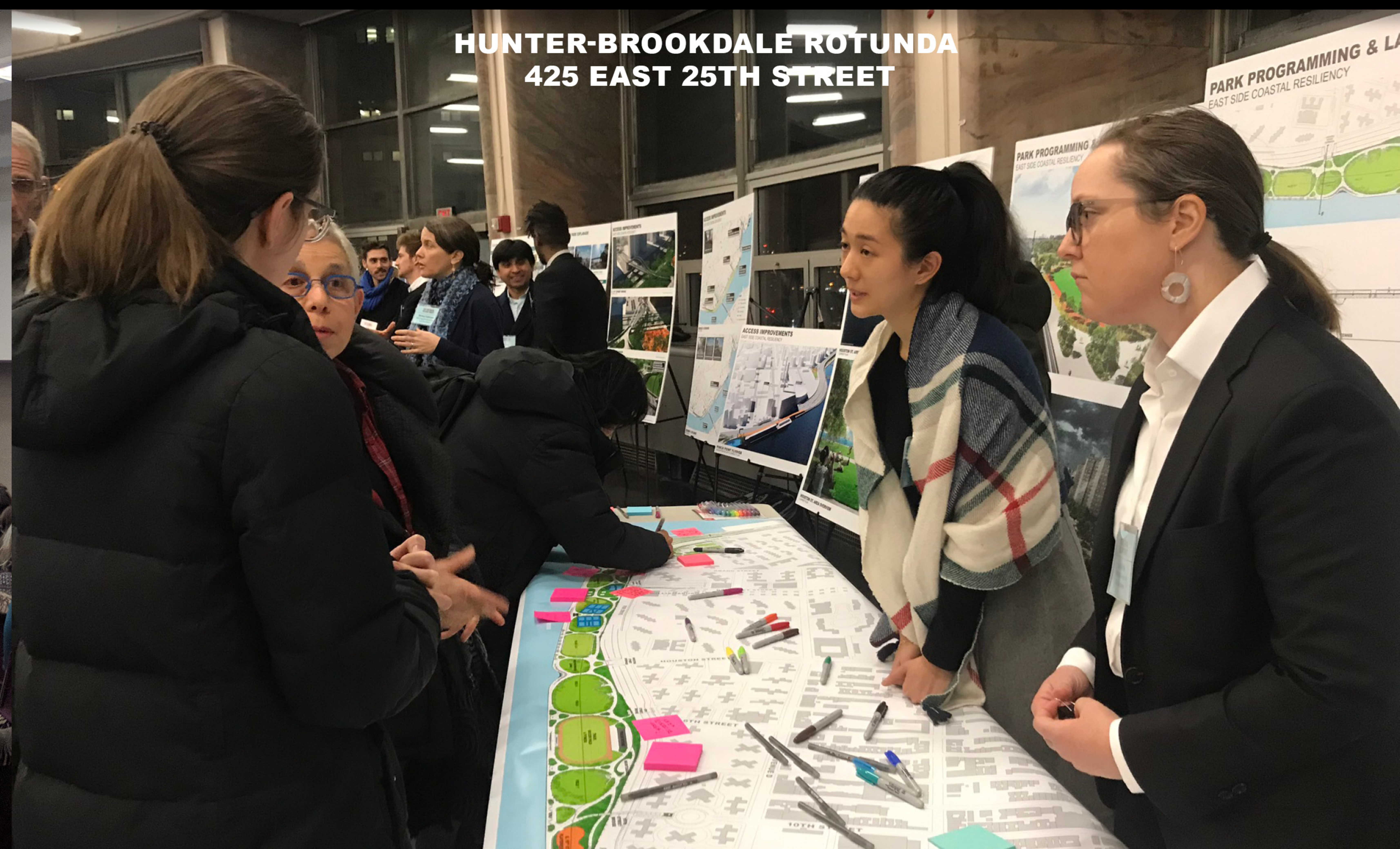


**GOUVERNEUR HEALTH AUDITORIUM  
227 MADISON STREET**

## **COMMUNITY MEETINGS WINTER 2018/2019**



**HUNTER-BROOKDALE ROTUNDA  
425 EAST 25TH STREET**



**HUNTER-BROOKDALE ROTUNDA  
425 EAST 25TH STREET**



An aerial photograph of a city waterfront, likely San Francisco, showing a bridge crossing a body of water. The foreground features a park area with green fields and trees. The background shows a dense urban landscape with many buildings. The entire image is overlaid with a semi-transparent teal color.

**Project Overview/Purpose**

**Design Update**

**Bridges**

**Park Buildings**

**Drainage**

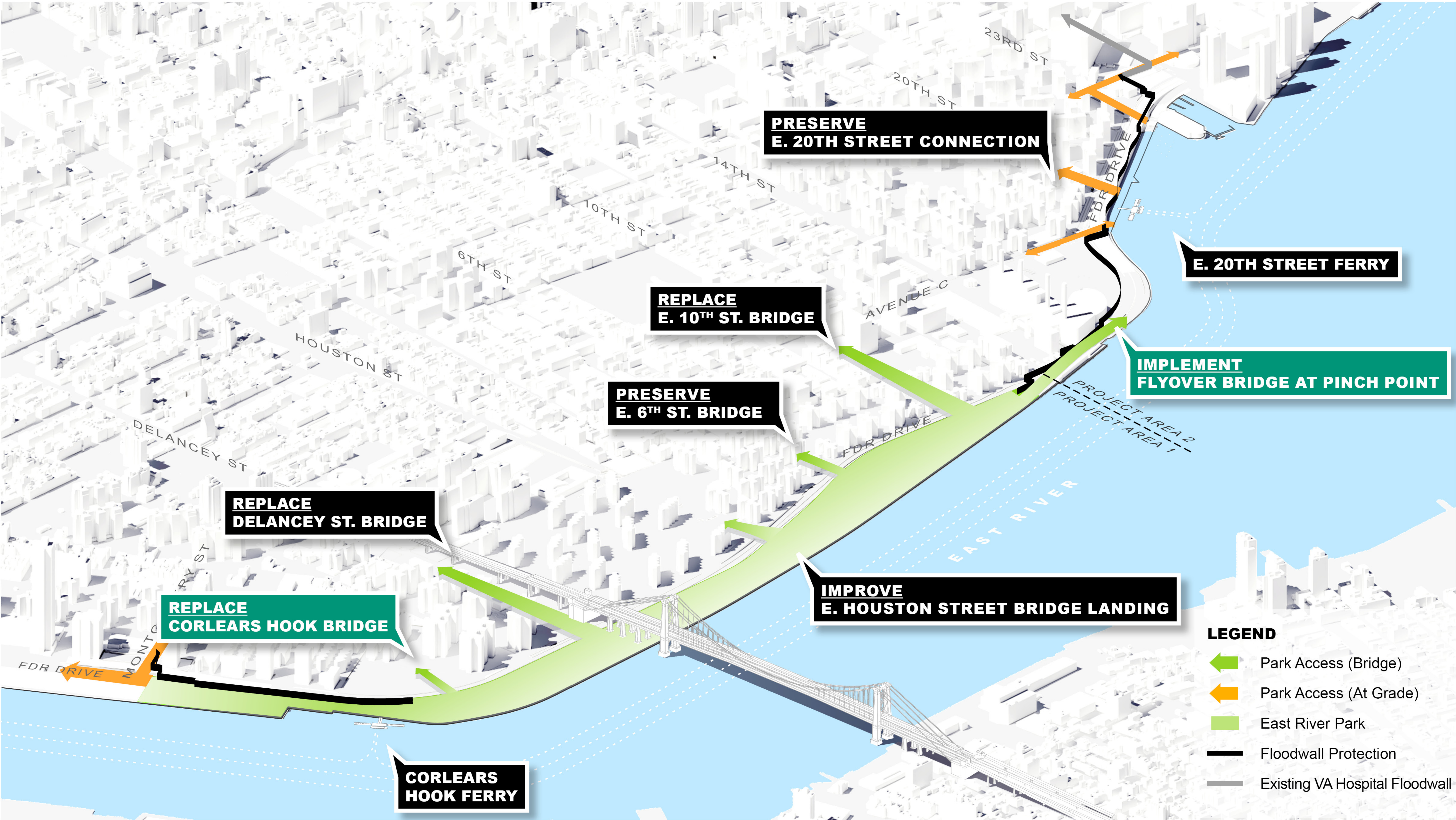
**Interim Recreation Update**

**Outreach Update & Upcoming Milestones**



# WATERFRONT OPEN SPACES & ACCESS

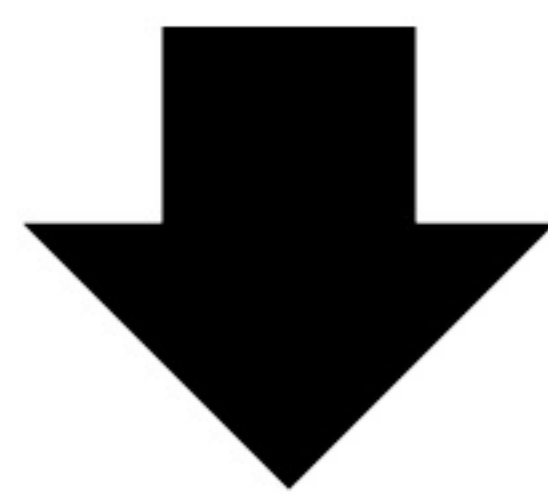
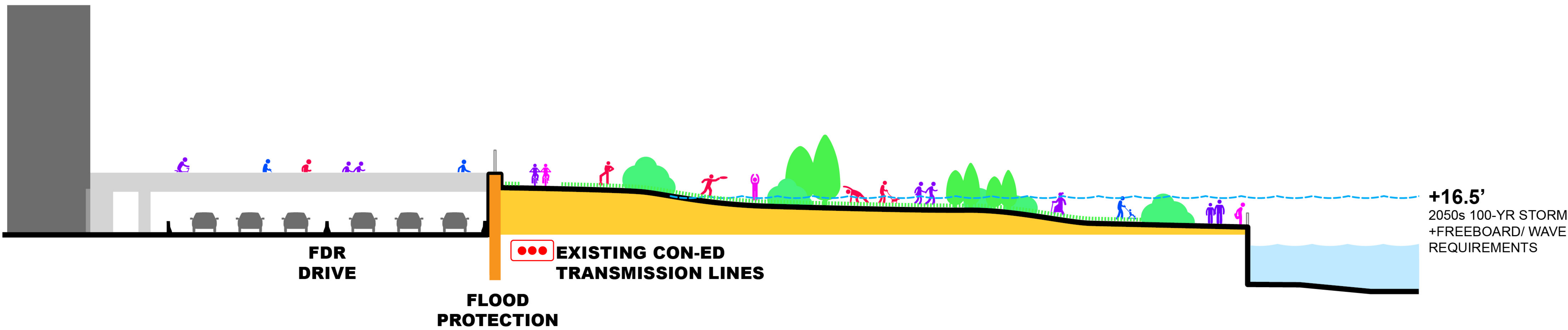
IMPROVING PARK ACCESS





# A NEW PARK ENTRY EXPERIENCE

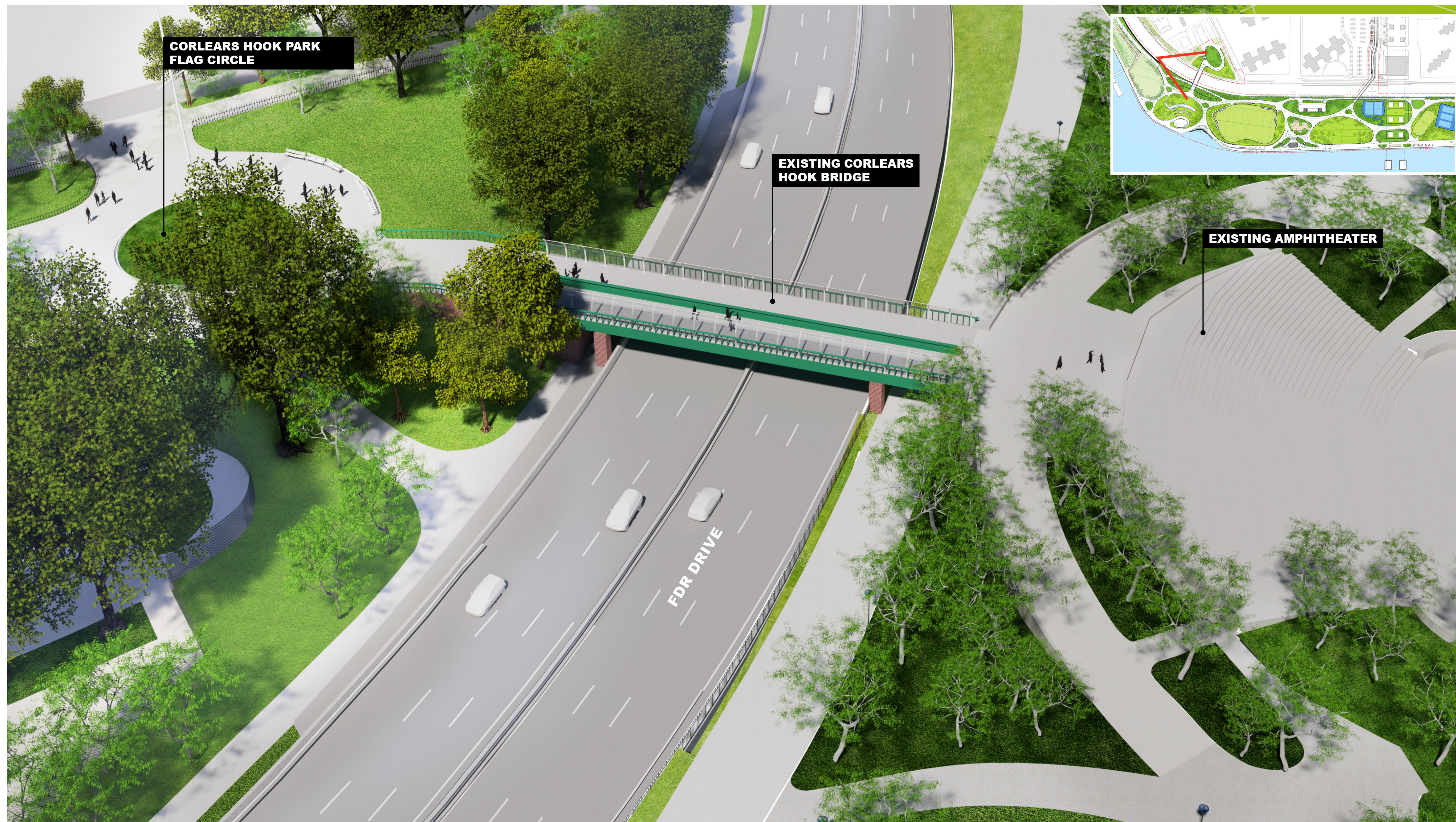
**PREVIOUS PRELIMINARY DESIGN:  
BRIDGE CONSTRUCTION NEXT TO THE FDR**



**CONCEPT RE-DESIGN:  
PRE-FABRICATED BRIDGES LIFTED INTO PLACE**

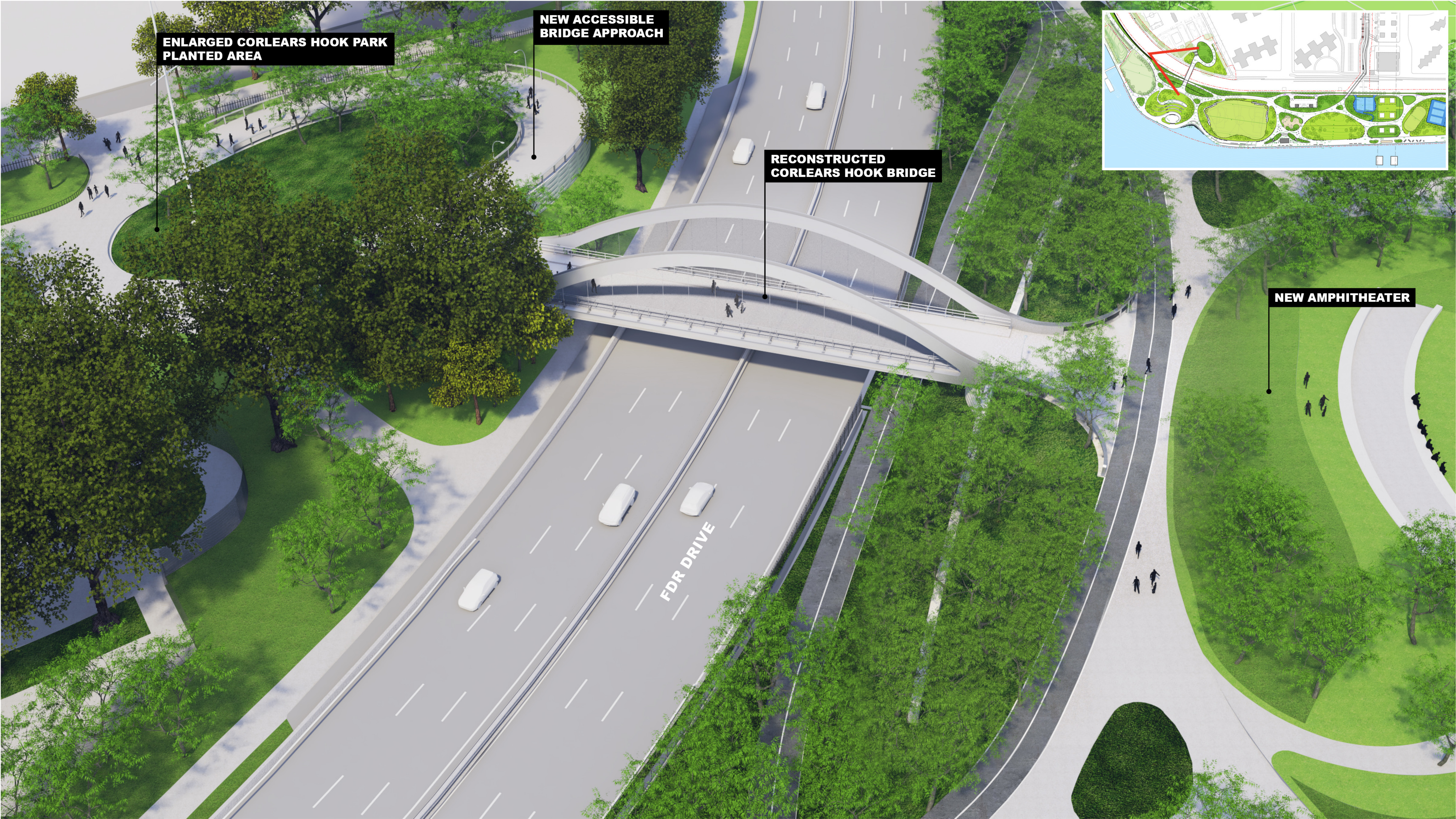






**CORLEARS HOOK BRIDGE**  
EXISTING AERIAL VIEW





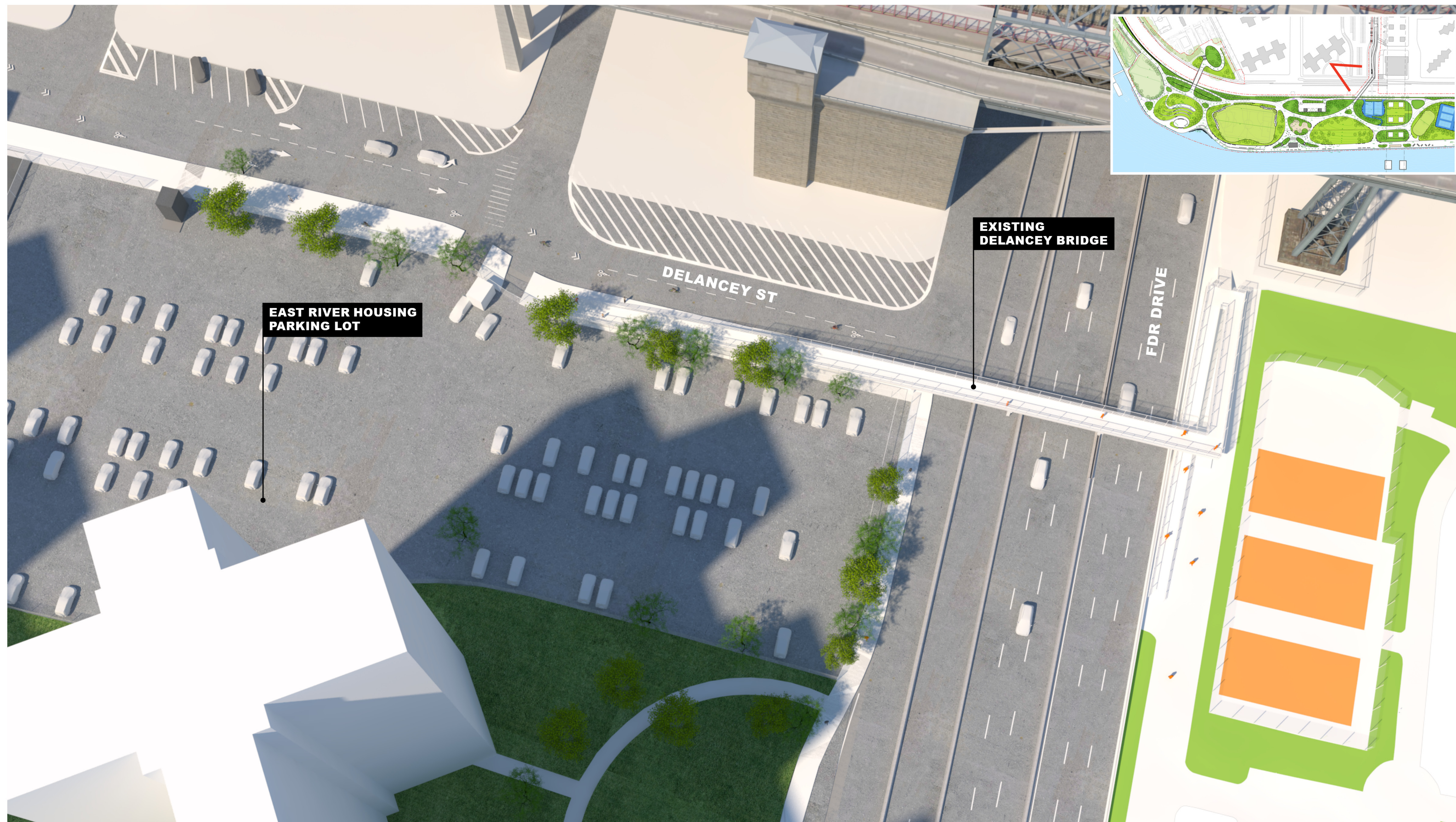
**CORLEARS HOOK BRIDGE**  
AERIAL VIEW





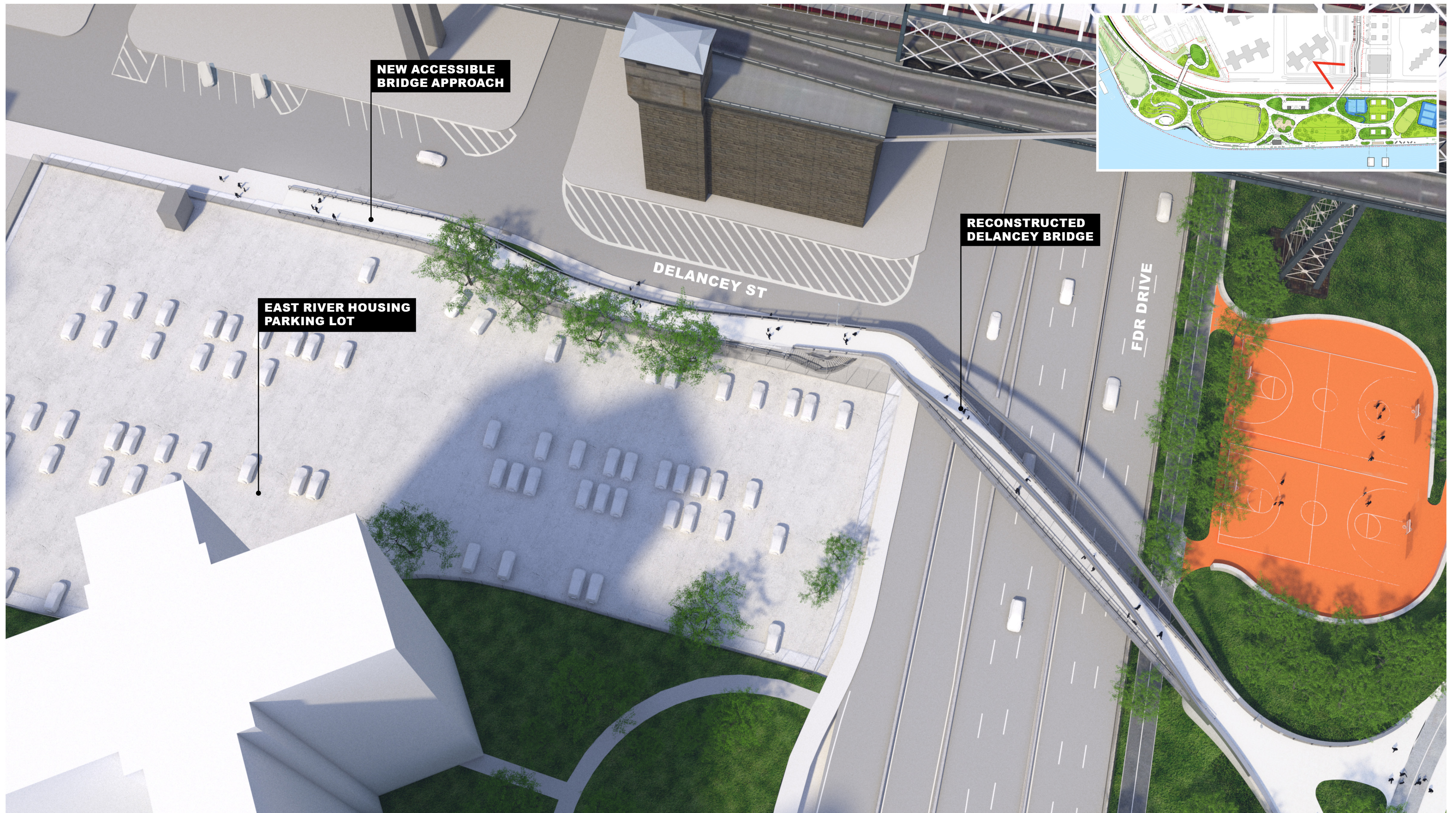
**CORLEARS HOOK BRIDGE**  
BRIDGE VIEW





**DELANCEY STREET BRIDGE**  
EXISTING CONDITIONS





**DELANCEY STREET BRIDGE**  
CONCEPTUAL REDESIGN





**DELANCEY STREET BRIDGE**  
EXISTING CONDITIONS





**DELANCEY STREET BRIDGE**  
CONCEPTUAL REDESIGN





**CITY-SIDE VIEW**  
PREVIOUS DESIGN





**CITY-SIDE VIEW**  
CONCEPT REDESIGN





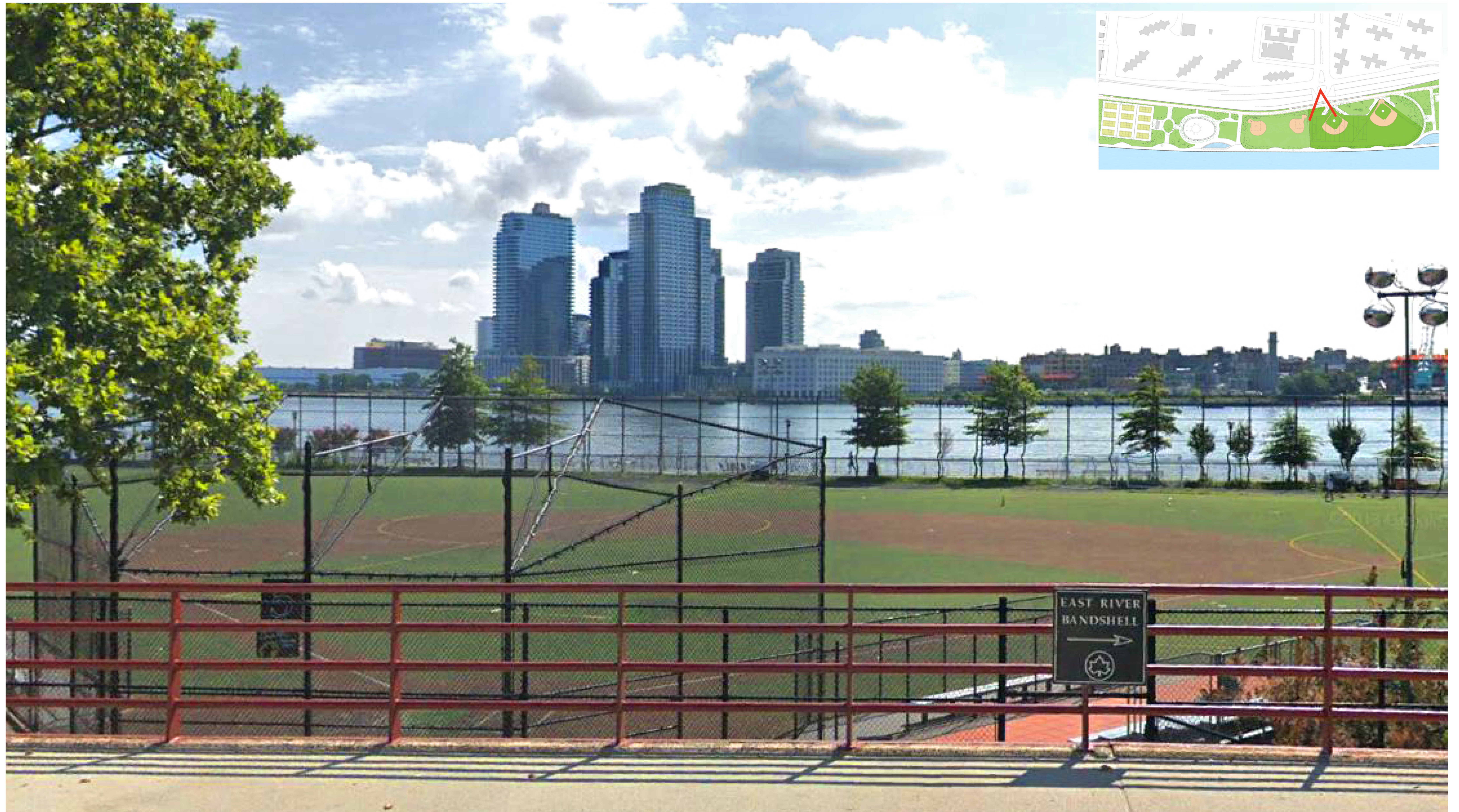
**DELANCEY BRIDGE LANDING**  
EXISTING CONDITIONS





**DELANCEY BRIDGE LANDING**  
CONCEPTUAL REDESIGN





**HOUSTON STREET ENTRY**  
EXISTING CONDITIONS





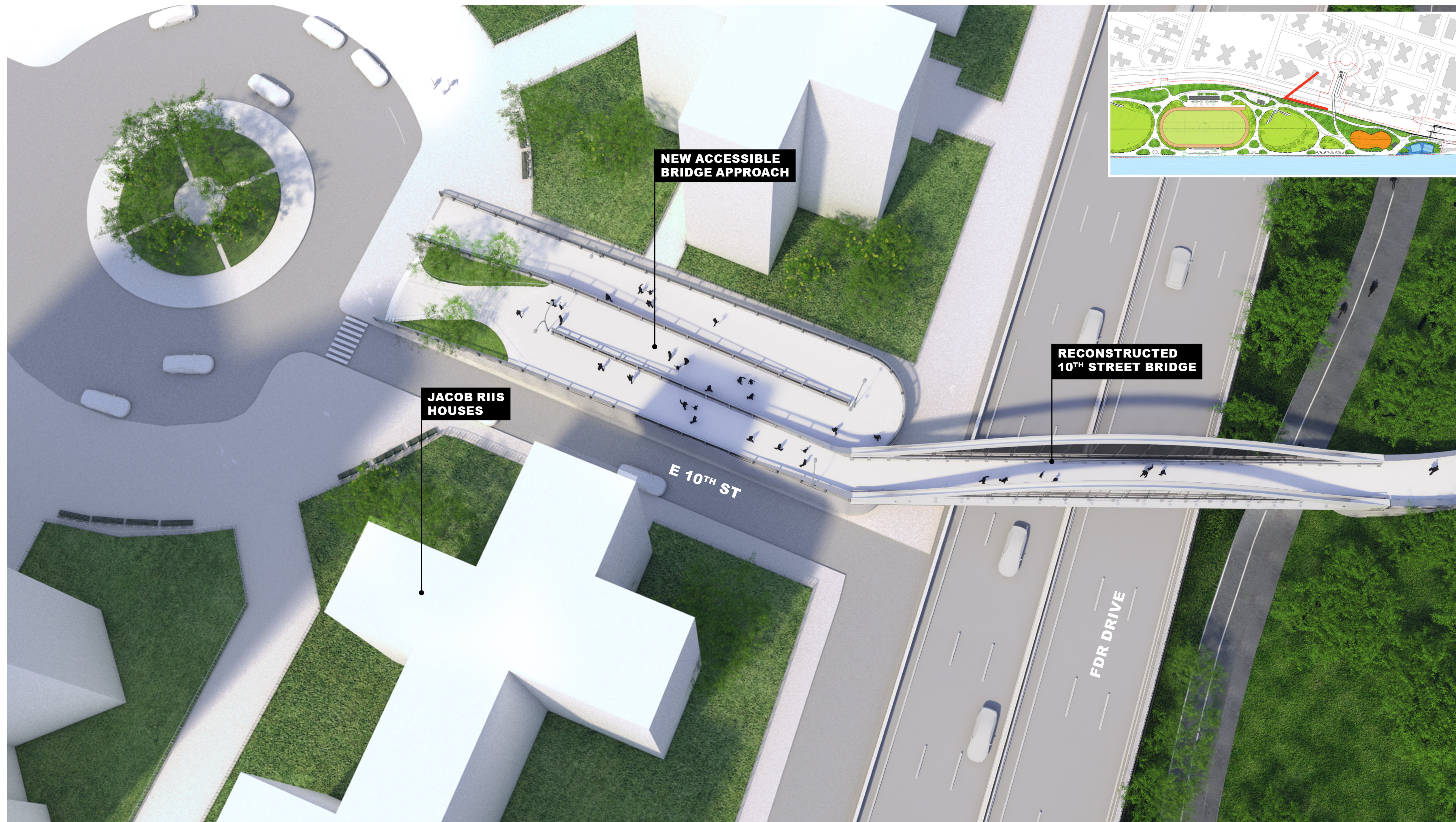
**HOUSTON STREET ENTRY**  
CONCEPTUAL REDESIGN





**E 10<sup>TH</sup> STREET BRIDGE**  
EXISTING CONDITIONS





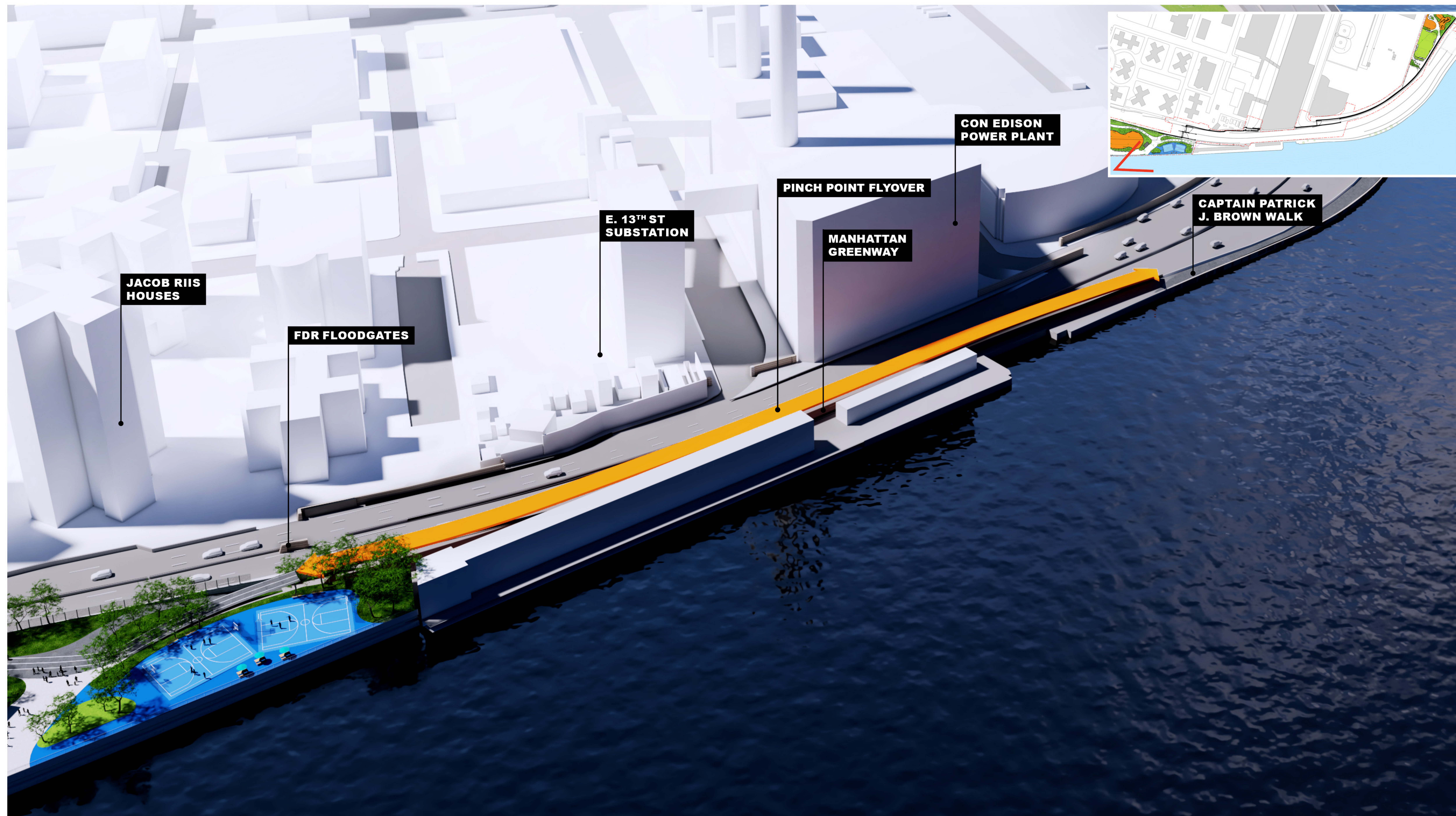
**E 10<sup>TH</sup> STREET BRIDGE**  
CONCEPTUAL REDESIGN





**E 10<sup>TH</sup> STREET BRIDGE**  
BRIDGE VIEW





**PINCH POINT FLYOVER BRIDGE**  
 AERIAL VIEW



An aerial photograph of a city waterfront, likely New York City, showing a large bridge spanning a body of water. The city skyline is visible in the background, and the foreground shows a park area with green spaces and a road. The image is overlaid with a semi-transparent teal color.

**Project Overview/Purpose**

**Design Update**

Bridges

**Park Buildings**

Drainage

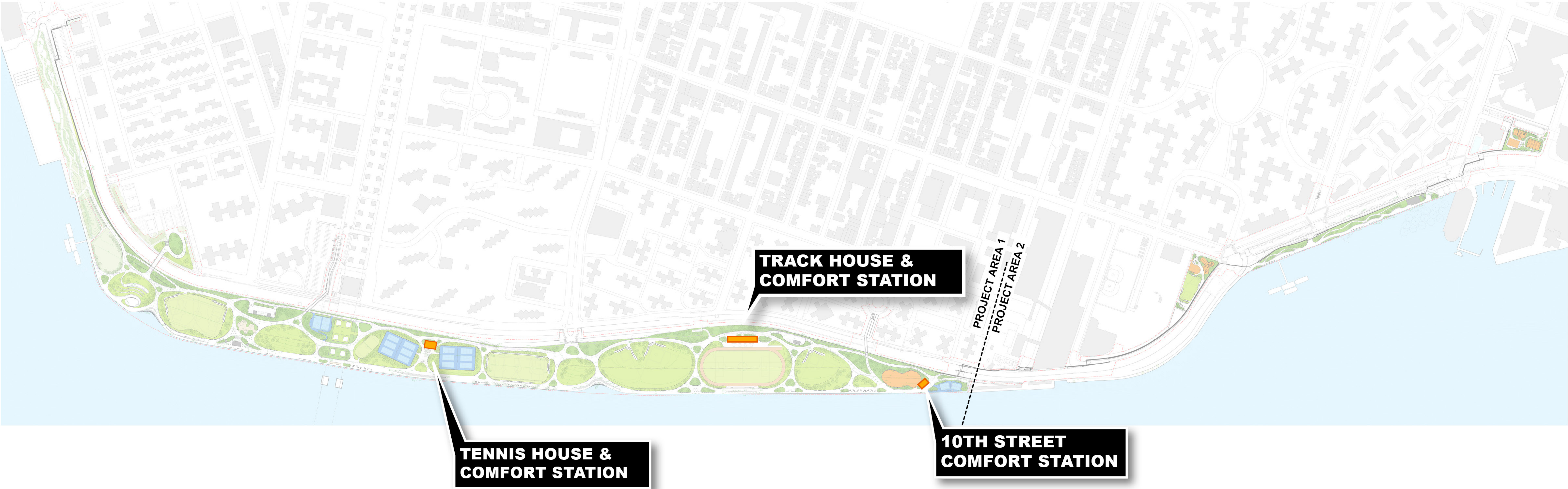
**Interim Recreation Update**

**Outreach Update & Upcoming Milestones**



# RECONSTRUCTED PARK BUILDINGS

MODERN, RESILIENT COMFORT STATION FACILITIES





# EXISTING PARK BUILDINGS

AGING BUILDINGS IN THE FLOODPLAIN



**EXISTING TENNIS HOUSE**

SIZE: 1,030 SF  
BUILT: 1938



**EXISTING TRACK HOUSE**

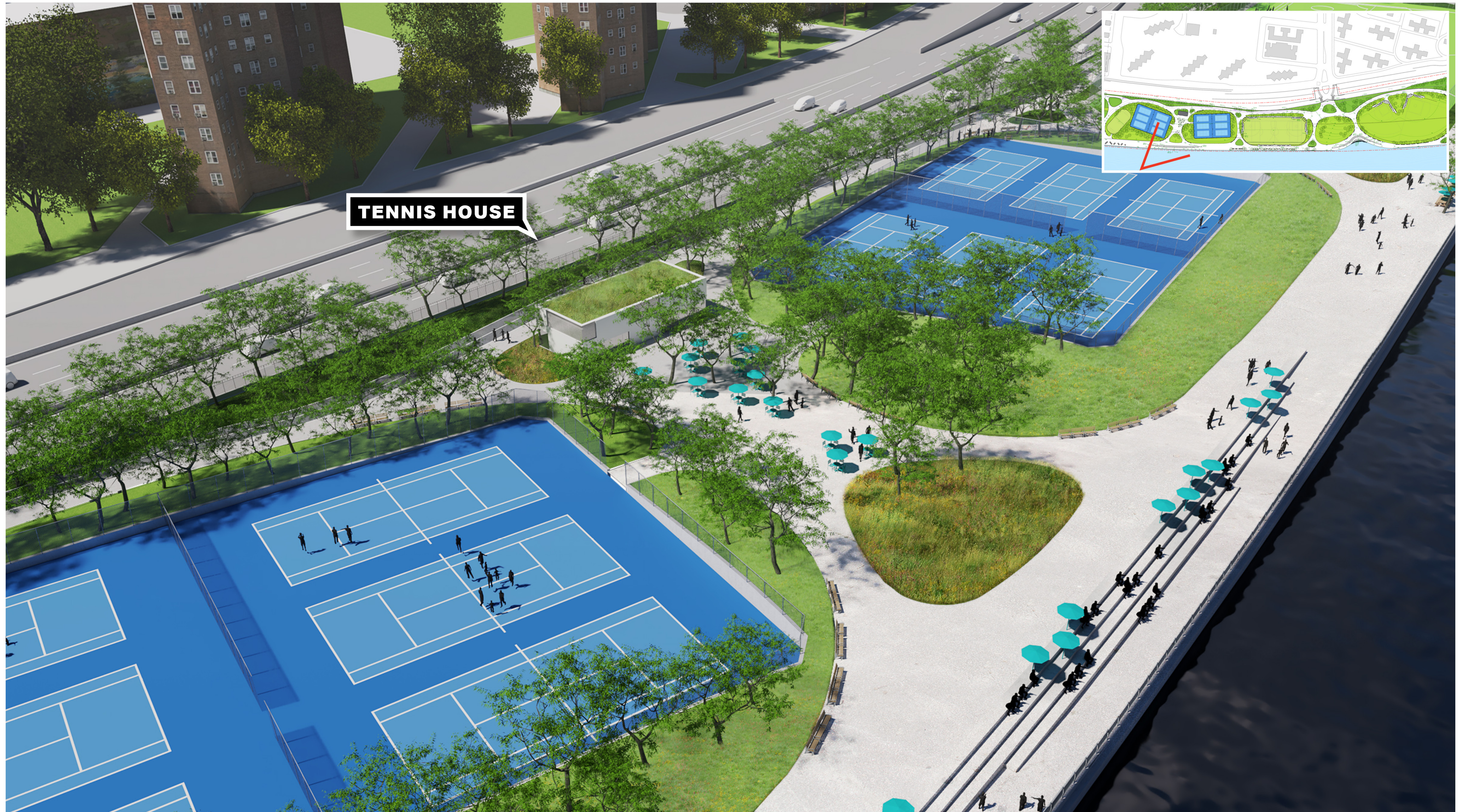
SIZE: 3,950 SF  
BUILT: 1938



**EXISTING E 10<sup>TH</sup> ST COMFORT STATION**

SIZE: 1,000 SF  
BUILT: 1990s





**TENNIS HOUSE**  
AERIAL VIEW





**TENNIS HOUSE**  
PARK VIEW





**TRACK HOUSE**  
AERIAL VIEW





**TRACK HOUSE**  
PARK VIEW





**E 10<sup>TH</sup> ST COMFORT STATION**  
AERIAL VIEW



An aerial photograph of a city waterfront, likely New York City, showing a large bridge spanning a body of water. The bridge has multiple lanes and a pedestrian walkway. On the left side of the bridge, there are several green spaces and parks, including a large one with a baseball field. The city skyline is visible in the background, with many buildings. The image is overlaid with a semi-transparent teal color.

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**Design Update**

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Park Buildings

**Drainage**

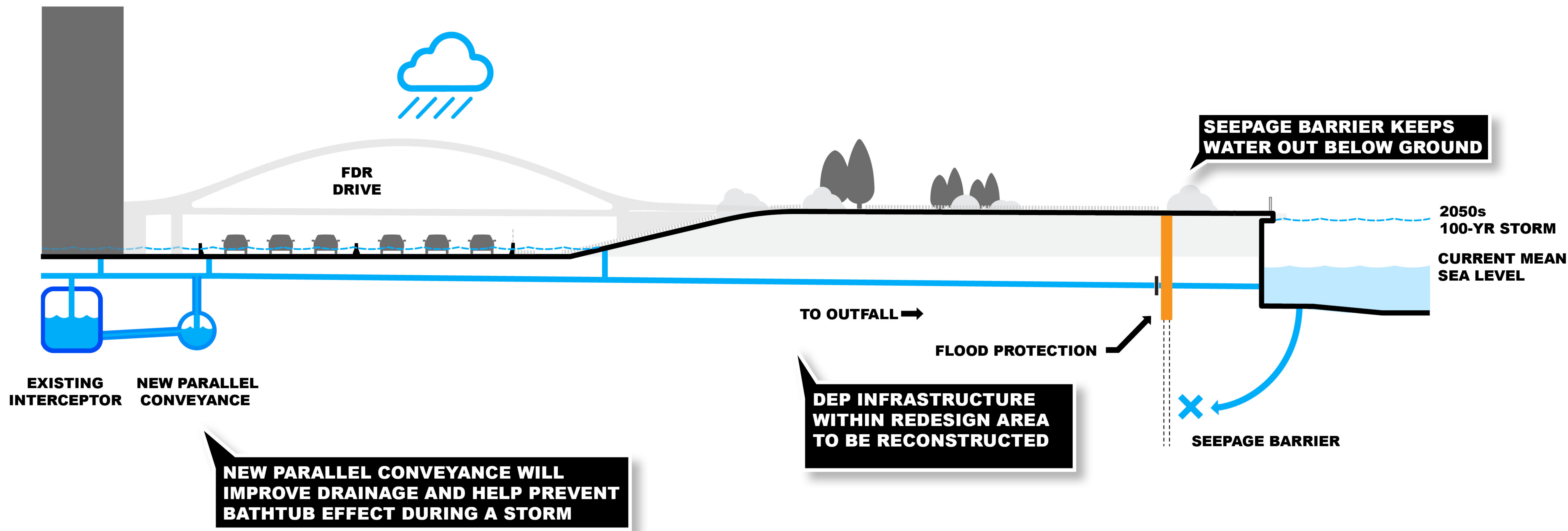
**Interim Recreation Update**

**Outreach Update & Upcoming Milestones**



# IMPROVED DRAINAGE

SEWER IMPROVEMENTS TO REDUCE UPLAND FLOODING





# IMPROVED DRAINAGE

## SEWER IMPROVEMENTS IN EAST RIVER PARK



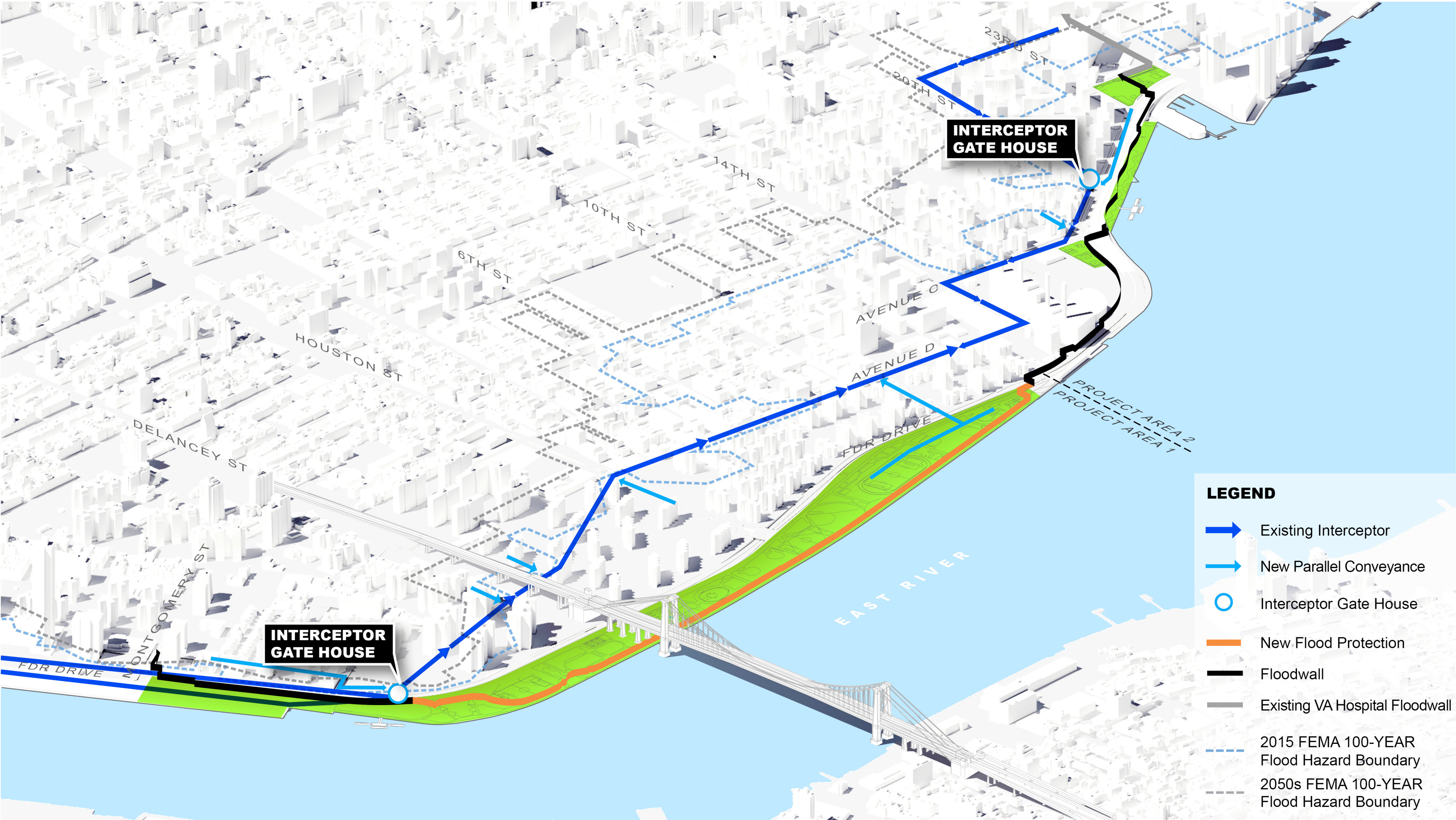
- RECONSTRUCTED DEP SEWER + 15' TREE PLANTING OFFSET
- DEP SEWER OUTFALLS

ALL EXISTING NYCDEP SEWER LINES AND OUTFALLS WILL BE REPLACED IN EAST RIVER PARK. RECONSTRUCTED SEWERS WILL BE SIZED UP FOR INCREASED CAPACITY.



# IMPROVED DRAINAGE

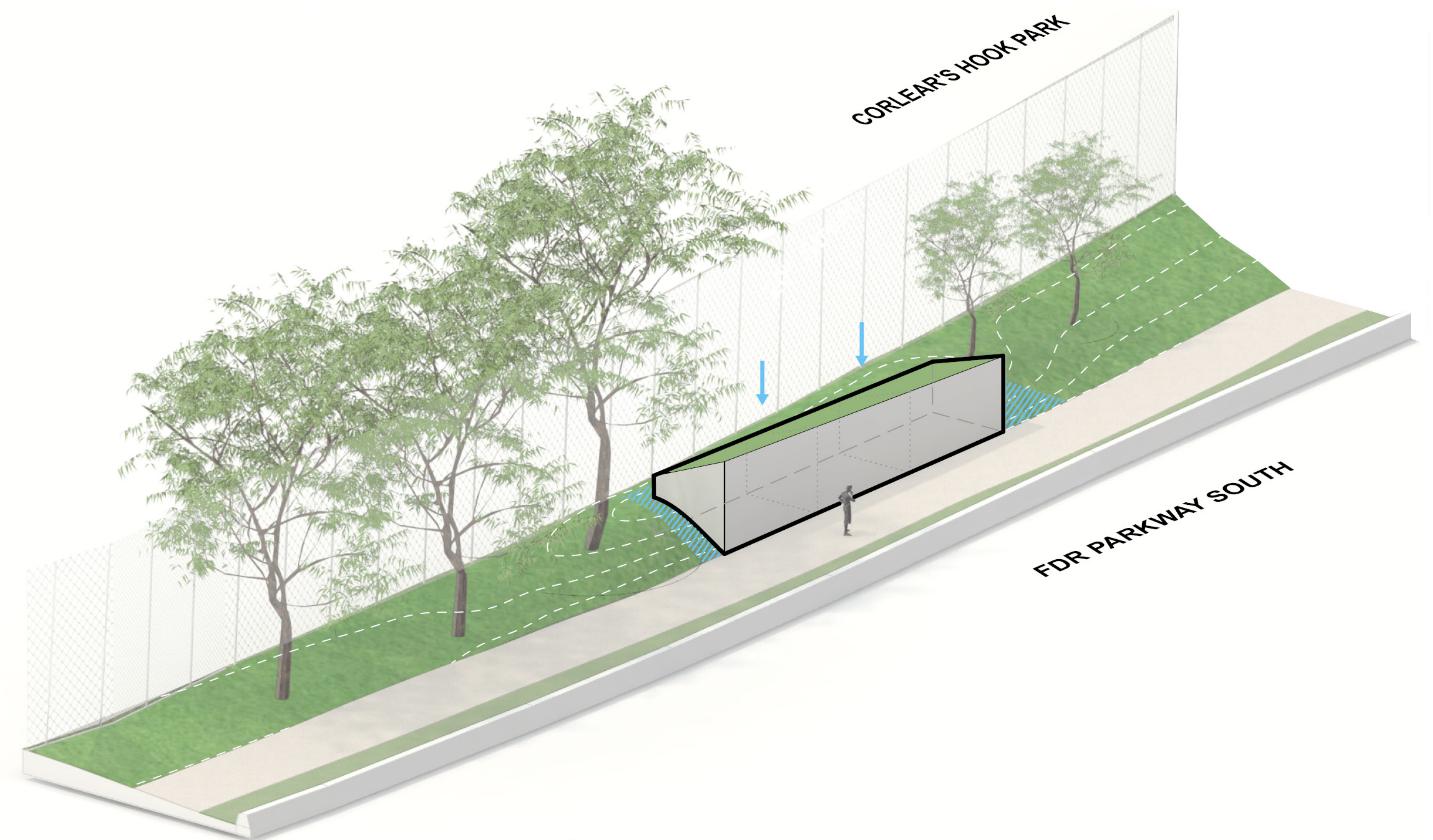
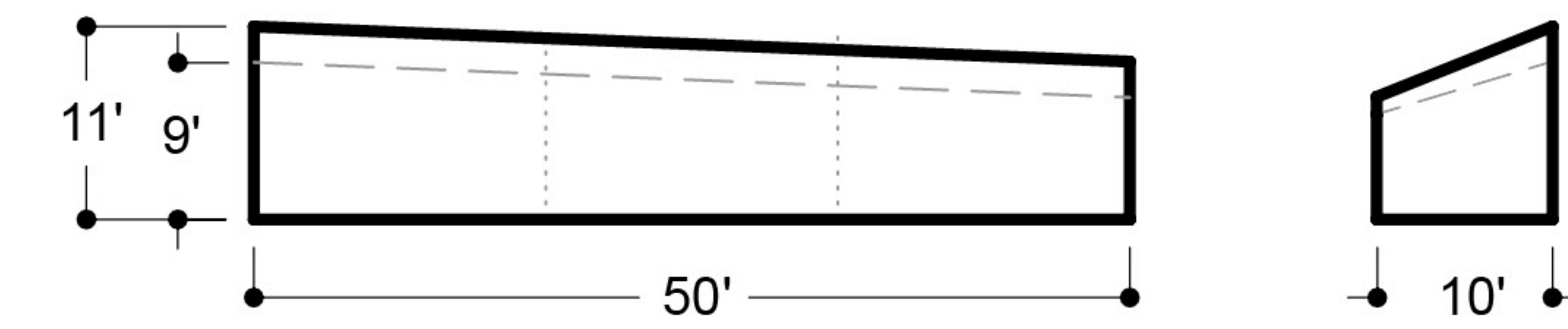
## SITE STRATEGY







South Gate Building Location  
Between FDR and Corlear's Hook Park



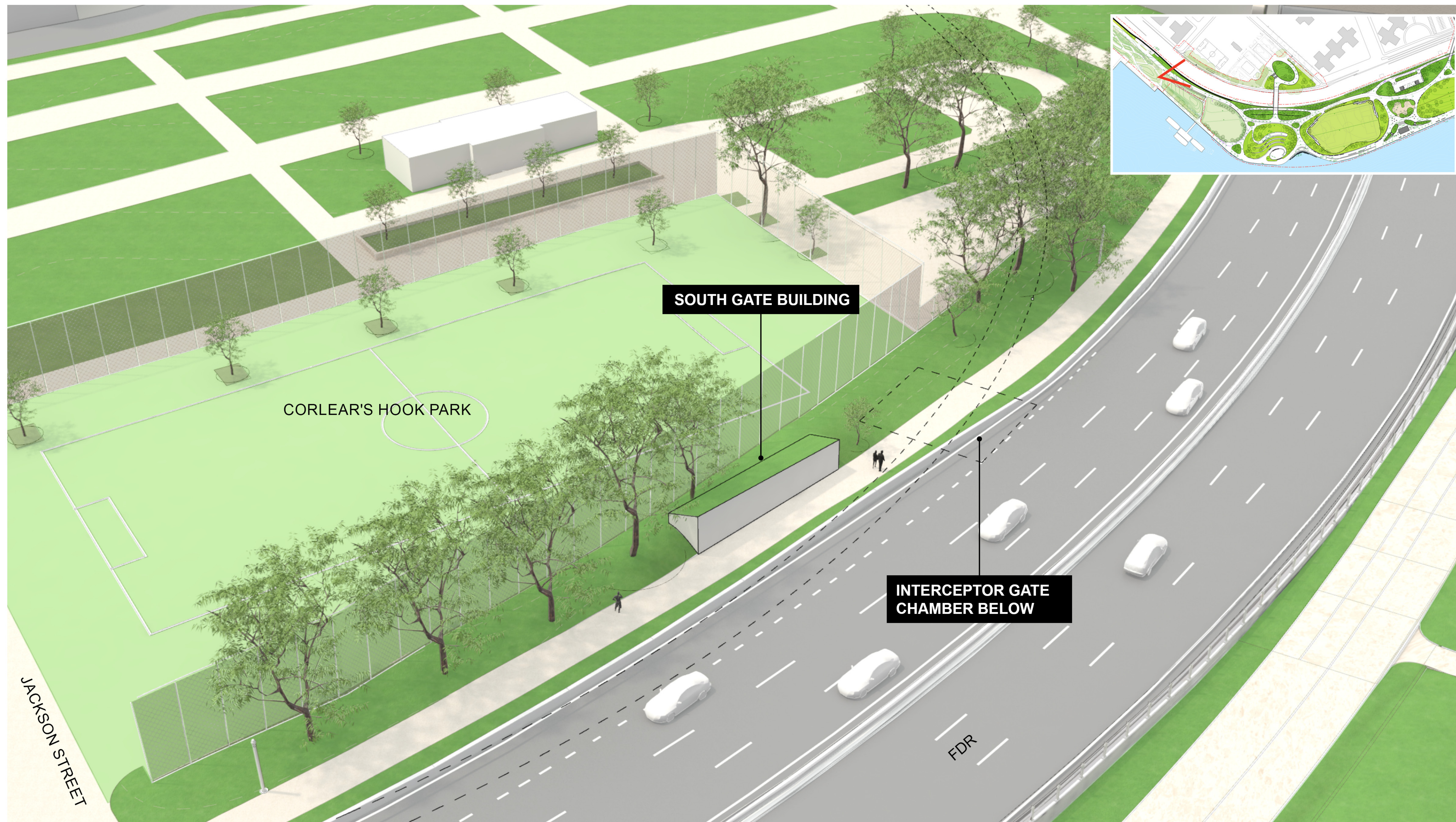
South Site Approach  
Integrate with landscape

OPEN SPACE AND STORM WATER IMPROVEMENT OPPORTUNITY AREA

## SOUTH GATE BUILDING

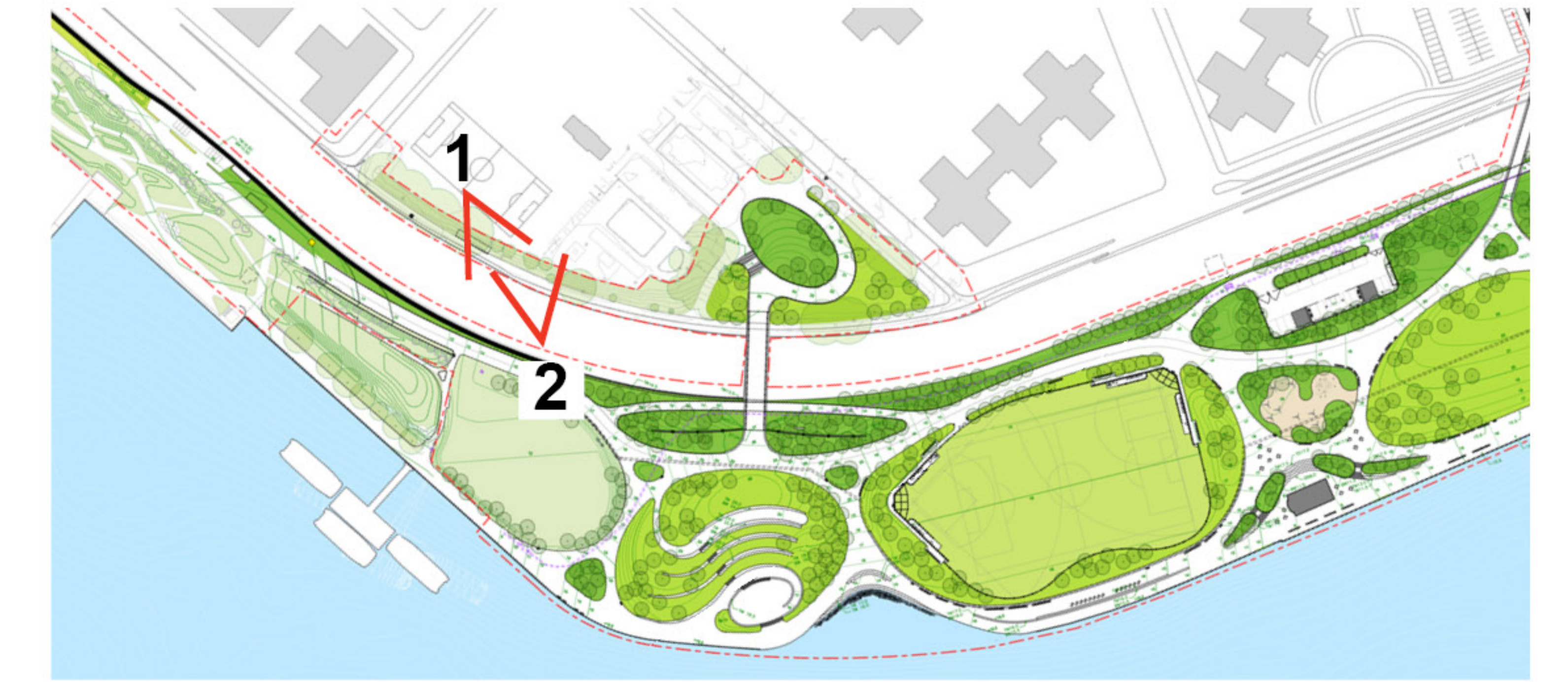
SITING & BUILDING STRATEGY





**SOUTH GATE BUILDING**  
AERIAL





**Site Render 1**  
**View From Corlear's Hook Park**

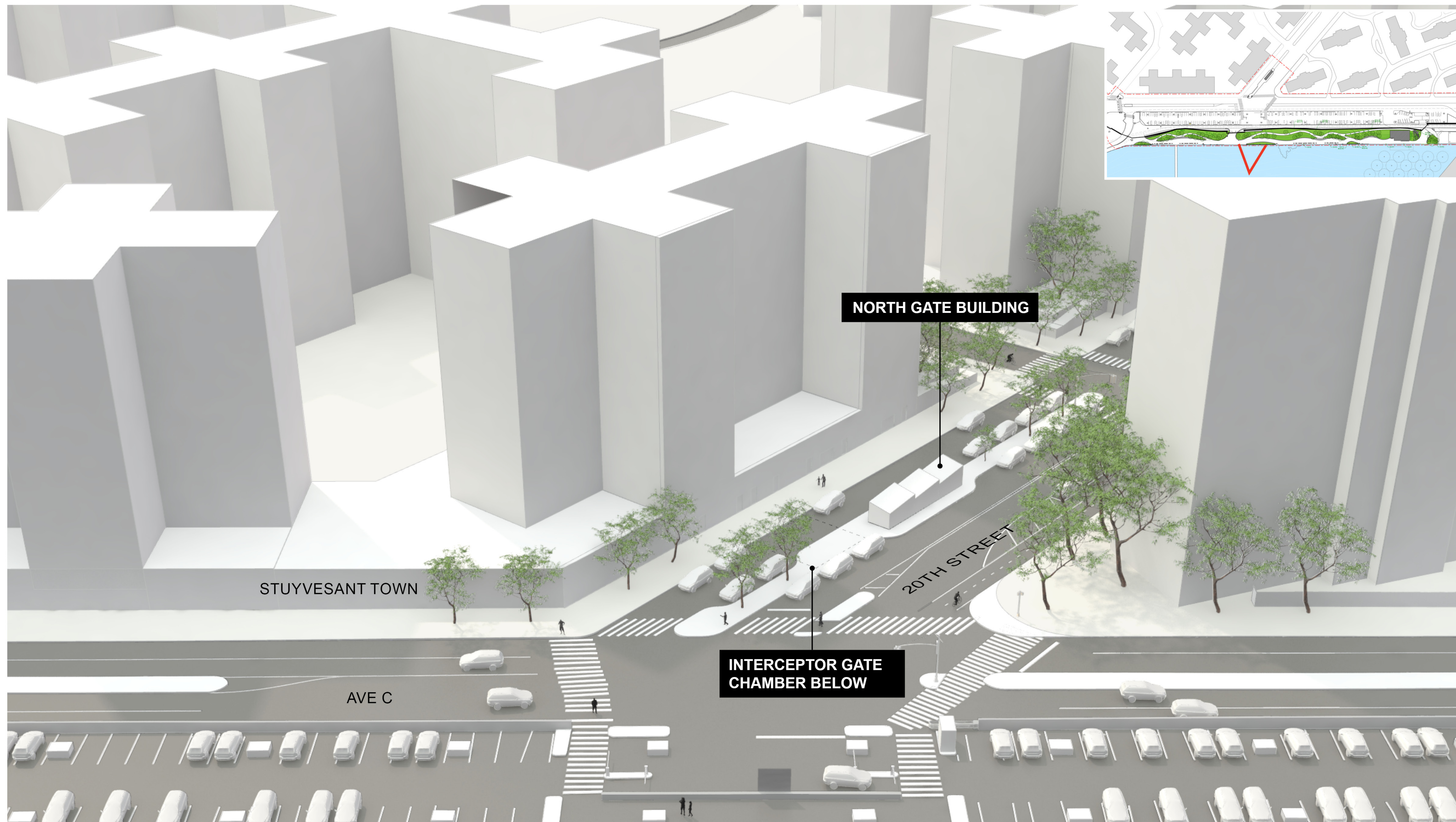


**Site Render 2**  
**View from East, Across FDR**

## **SOUTH GATE BUILDING**

PERSPECTIVE VIEWS





**NORTH GATE BUILDING**  
AERIAL VIEW



An aerial photograph of a city waterfront, likely New York City, showing a large bridge spanning a body of water. The bridge has multiple lanes and a pedestrian walkway. On the left side of the bridge, there are several green spaces and parks, including a large one with a baseball field and a tennis court. The city skyline is visible in the background, with many buildings. The image is overlaid with a semi-transparent teal color.

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# INTERIM RECREATION UPDATE

- **Ballfields**
- **Tennis**
- **Bikeway**
- **Improvements in nearby parks**
- **Recreational programming**
- **Passive spaces**
- **Tree plantings**
- **Discussions with sister agencies**



An aerial photograph of a city waterfront, likely New York City, showing a large bridge crossing a body of water. The city skyline is visible in the background, and several parks and recreational areas are highlighted in green along the waterfront. The image is overlaid with a semi-transparent teal filter.

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**Park Buildings**

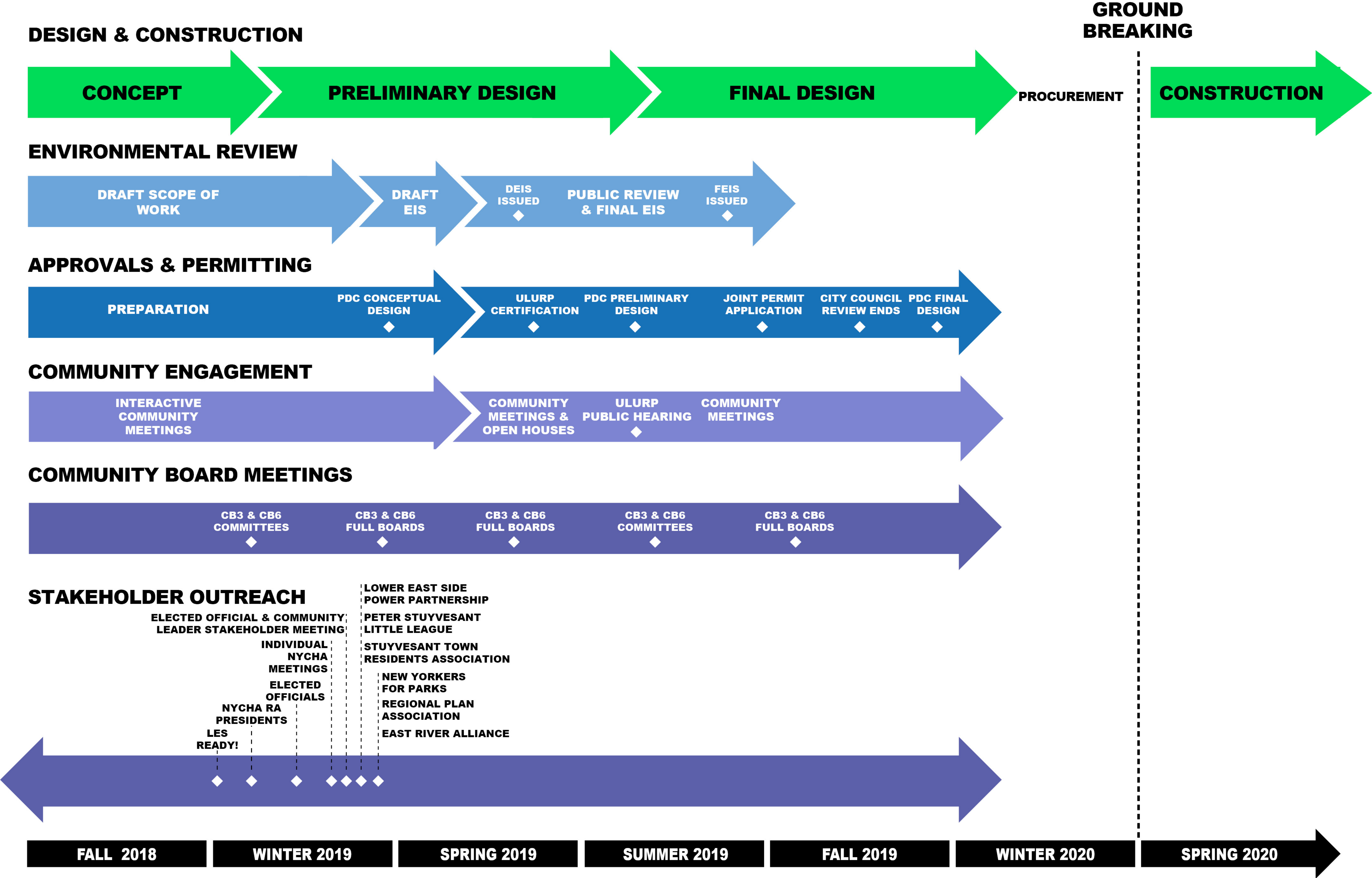
**Drainage**

**Interim Recreation Update**

**Outreach Update & Upcoming Milestones**

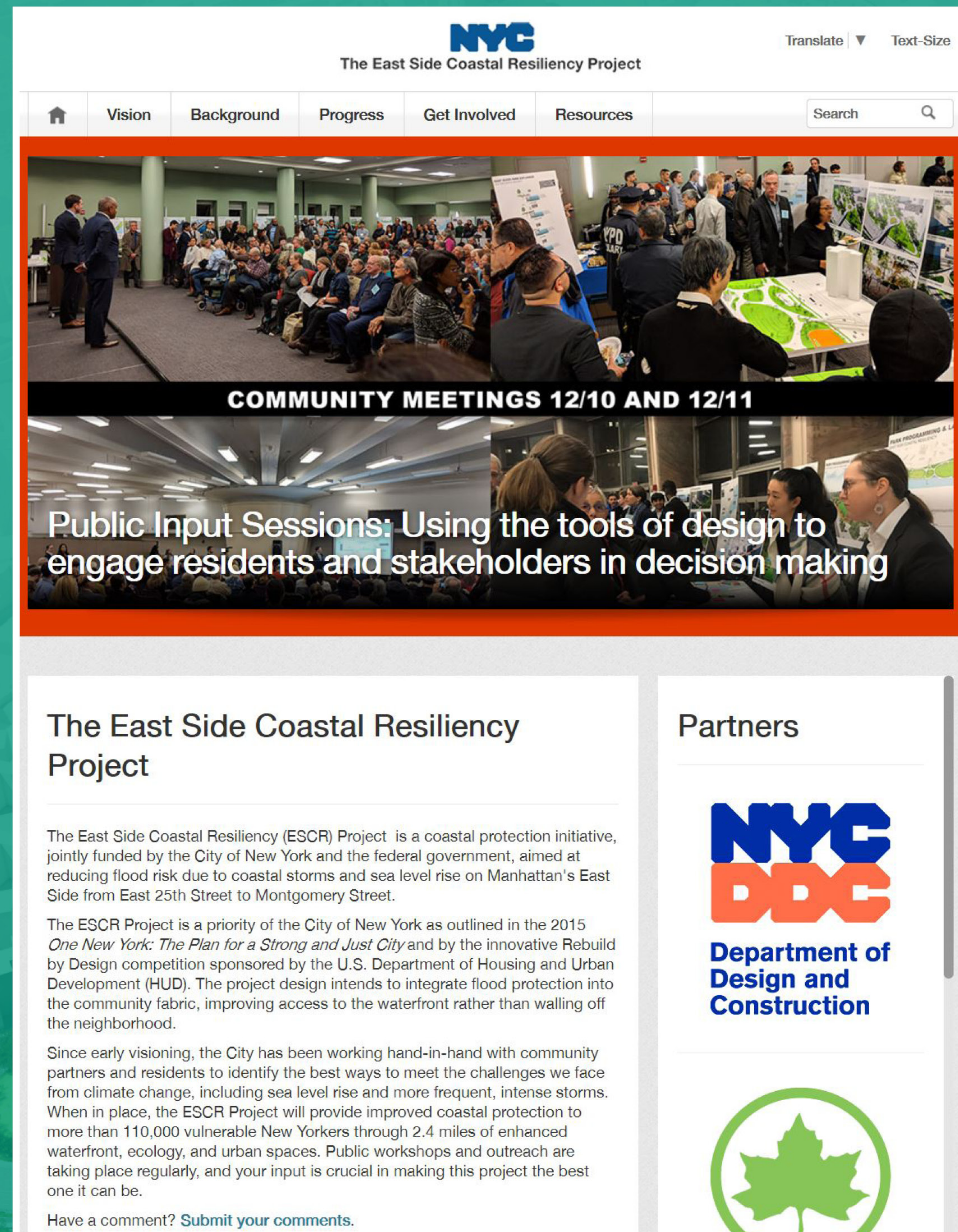


# UPCOMING ENGAGEMENT & DESIGN MILESTONES





# Website



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