

East Side Coastal Resiliency

Manhattan Borough President Gale Brewer
ULURP Public Hearing

Mt. Sinai Beth Israel - Bernstein Pavilion
10 Nathan D. Perlman Place

July 17, 2019



PRESENTATION AGENDA

PROJECT OVERVIEW & SCHEDULE

DESIGN REVIEW

ENVIRONMENTAL REVIEW & APPROVALS

An aerial architectural rendering of a city waterfront development. The scene shows a dense urban grid of buildings on the left, transitioning into a waterfront area with a suspension bridge crossing a body of water. The waterfront area includes several green spaces, parks, and what appears to be a sports field or stadium. The entire image is overlaid with a semi-transparent teal color.

PROJECT OVERVIEW & SCHEDULE

PROJECT GOALS & ORIGIN

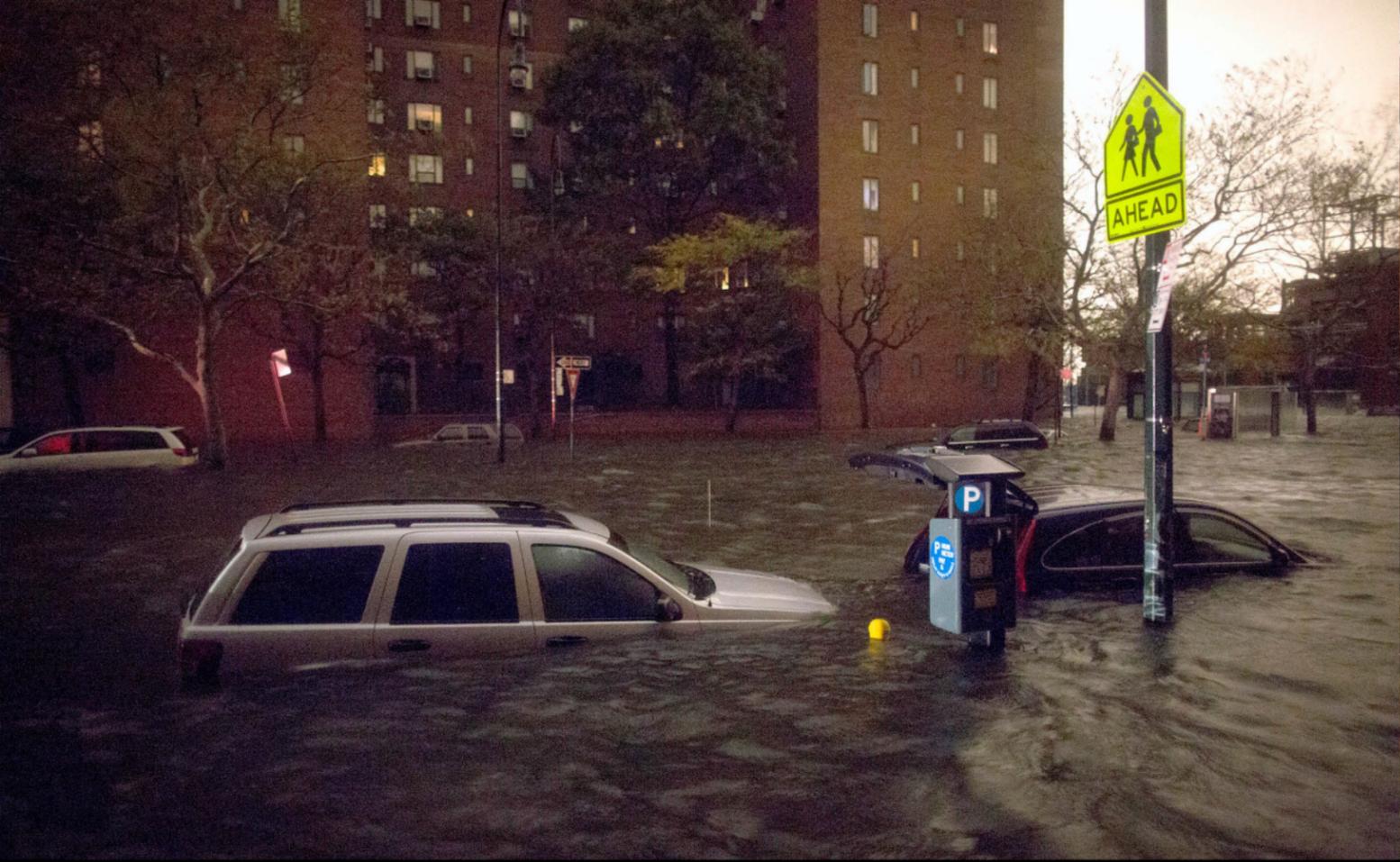
Provide a reliable, integrated flood protection system; minimize use of closure structures.

Improve waterfront open spaces and access.

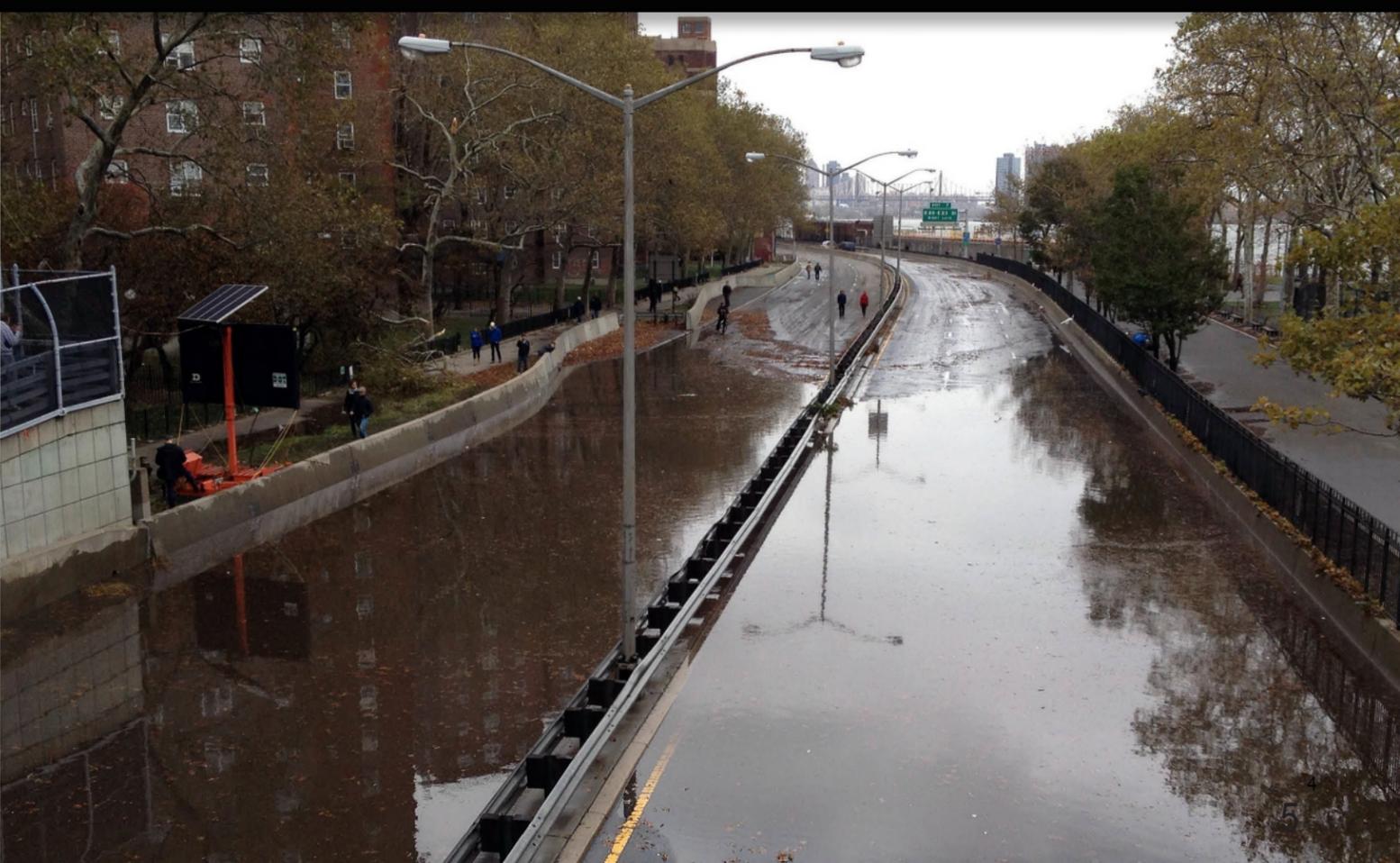
Achieve implementation milestones and project funding allocations as established by HUD.

Respond quickly to the urgent need for increased flood protection and resiliency.





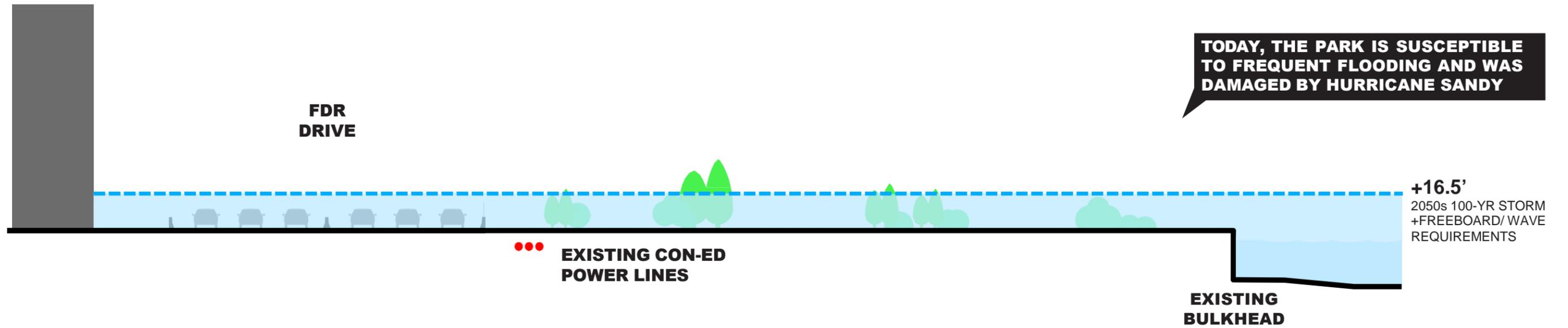
PROVIDE FLOOD PROTECTION



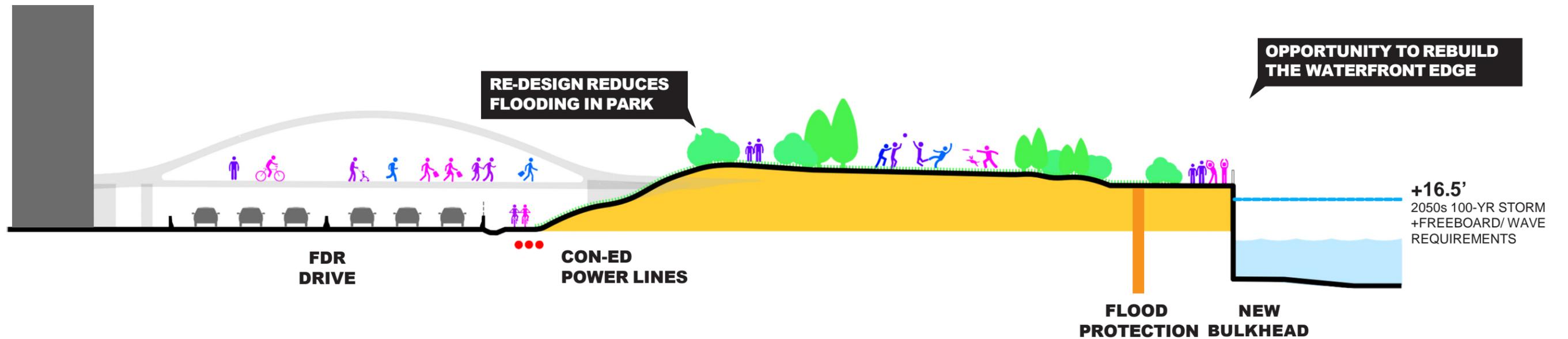
IMPROVED PARK RESILIENCY

PARK IS ABOVE THE 2050s 100-YEAR FLOODPLAIN

EXISTING CONDITIONS

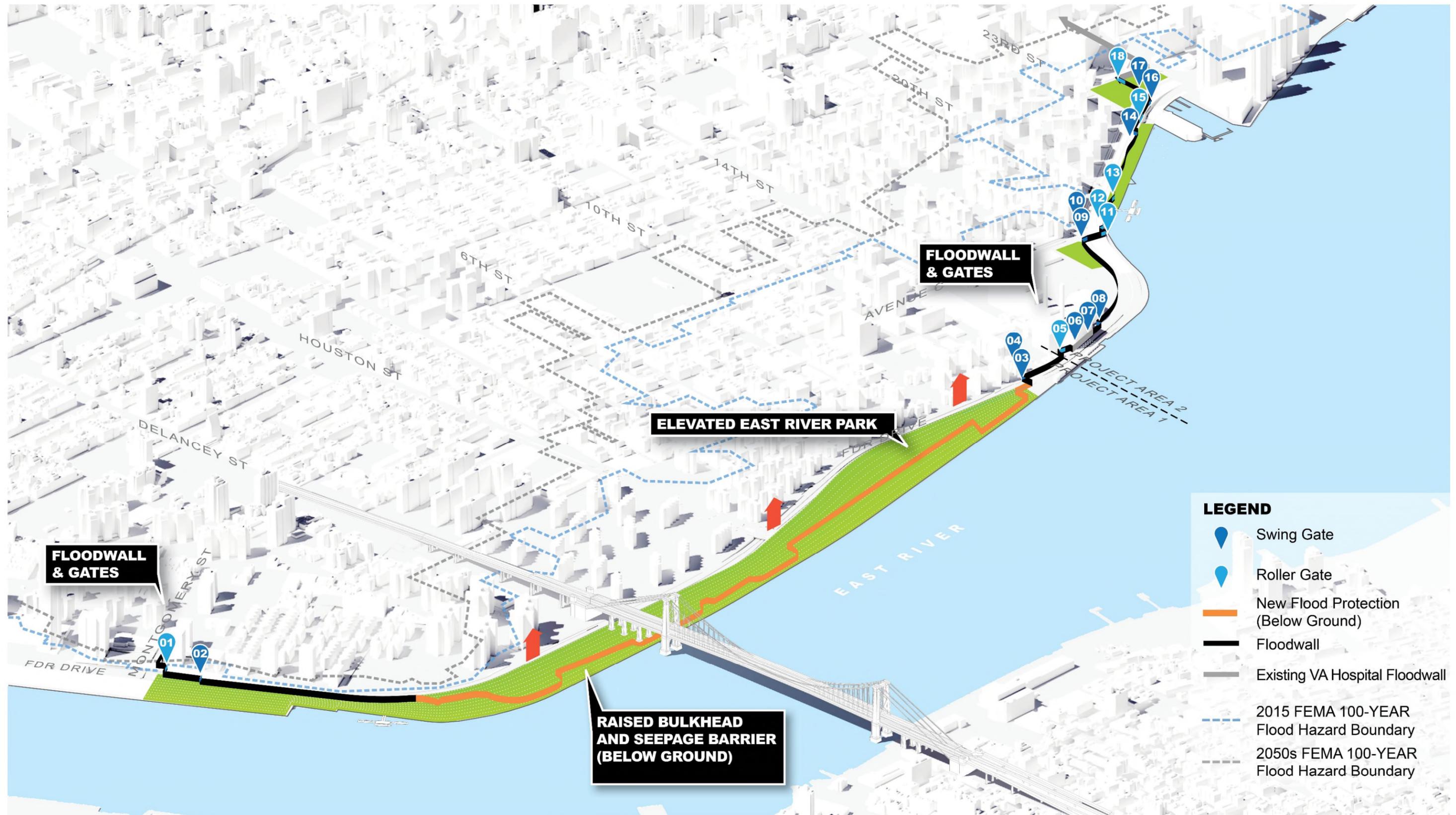


CURRENT PLAN



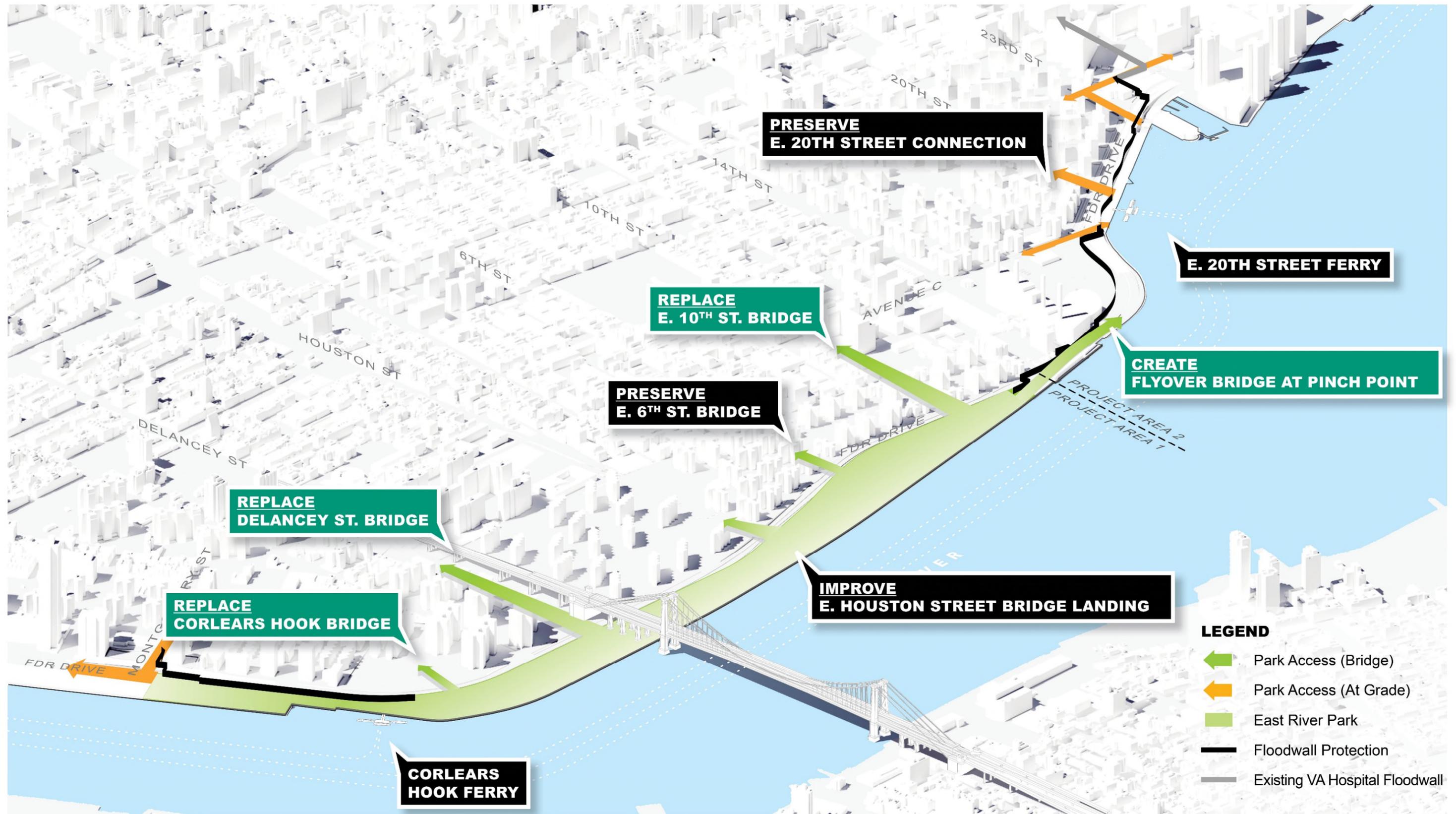
IMPROVED RESILIENCY FOR COMMUNITY

INTEGRATED FLOOD PROTECTION SYSTEM



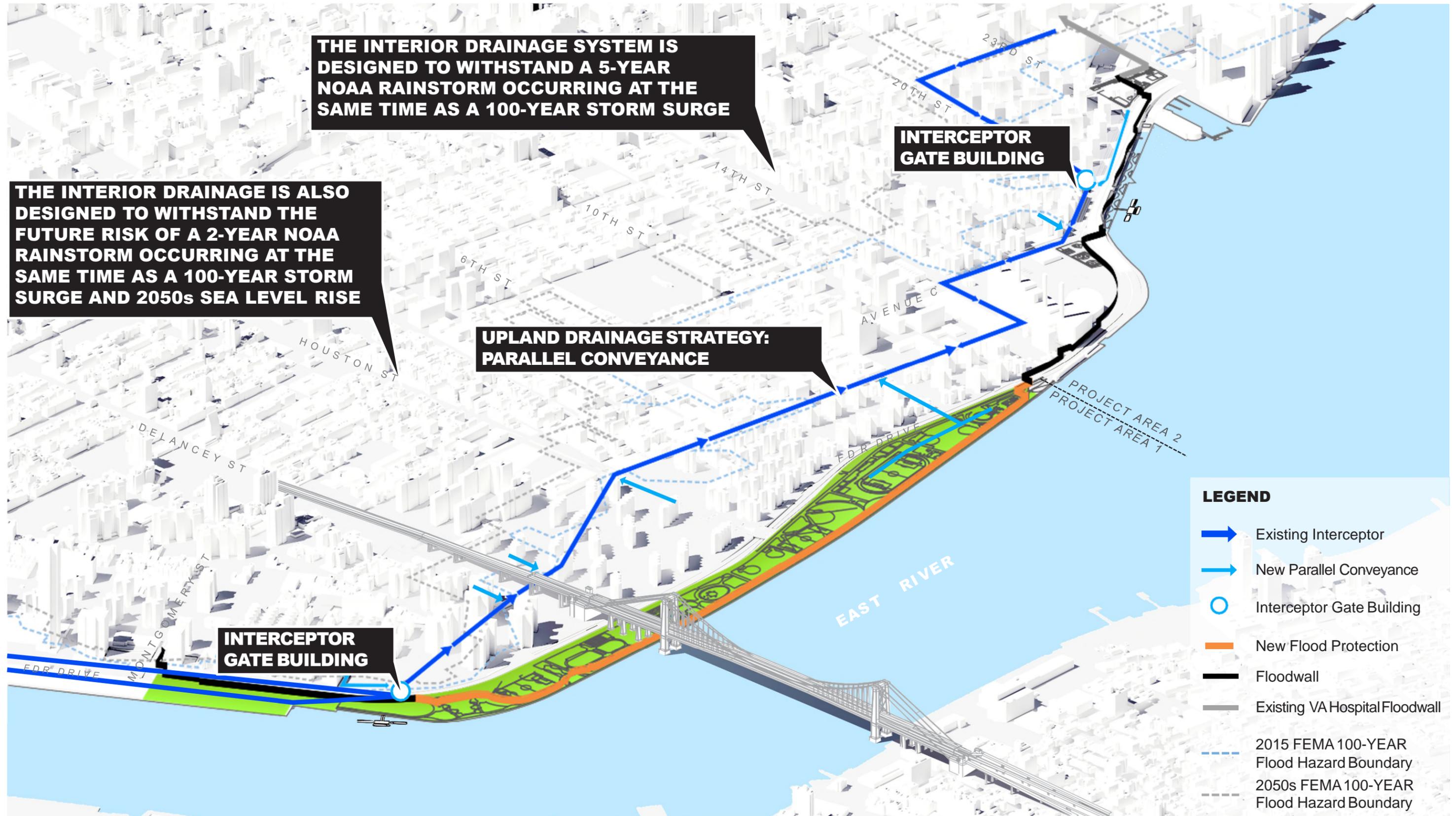
IMPROVED WATERFRONT ACCESS

REPLACING, IMPROVING AND CREATING NEW CONNECTIONS

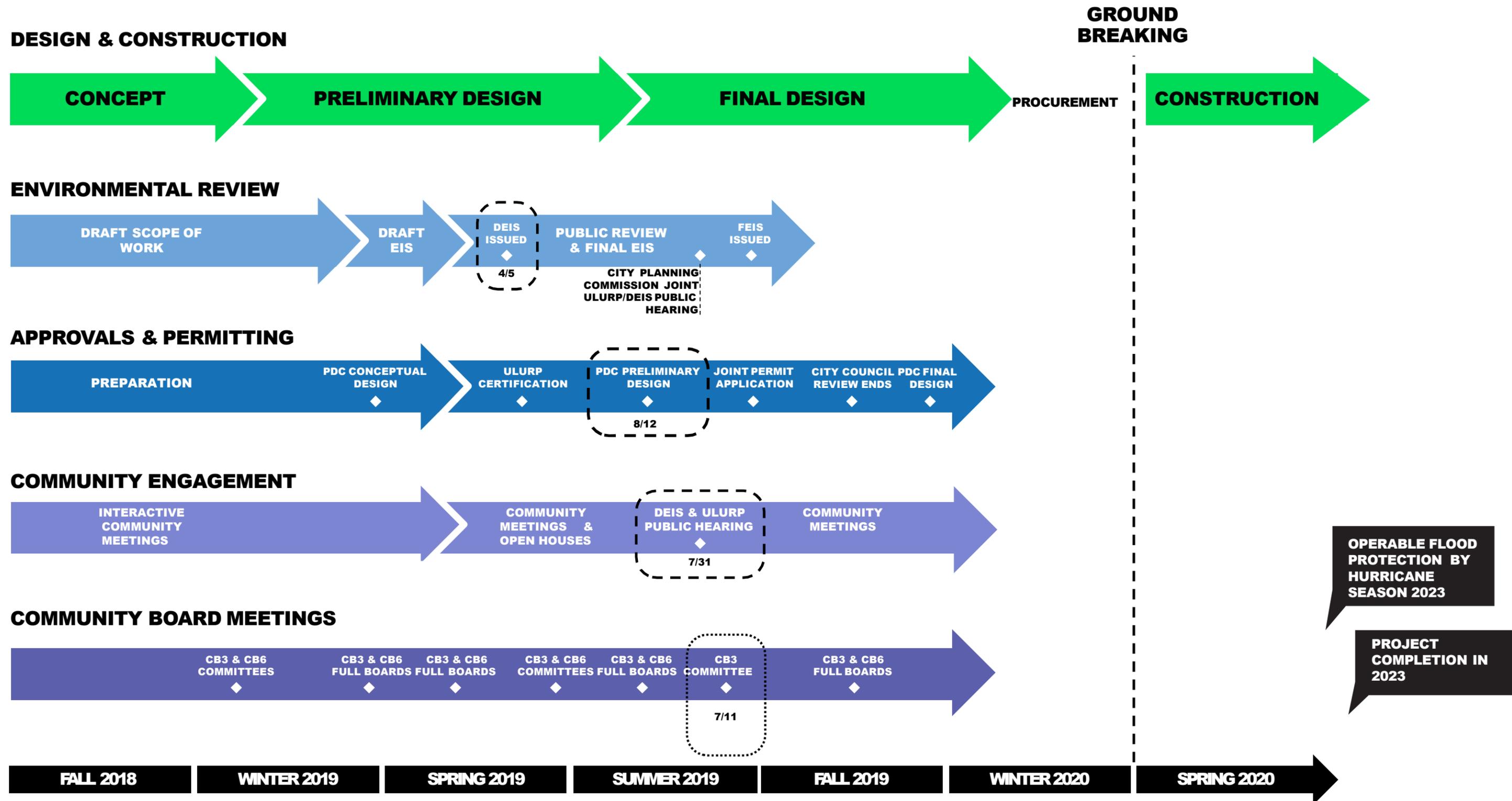


ENHANCING DRAINAGE INFRASTRUCTURE

INTERIOR DRAINAGE SYSTEM COMPONENTS AND DESIGN CRITERIA



PROJECT SCHEDULE OVERVIEW





COMMUNITY MEETINGS



NYCHA RESIDENTS MEETINGS



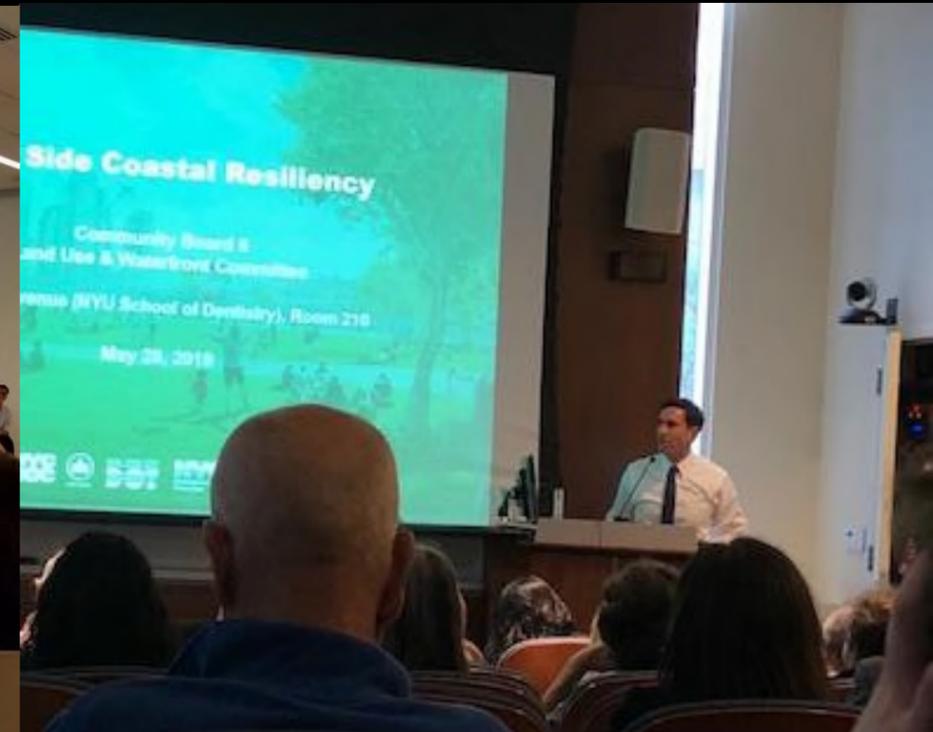
CB3 MEETINGS



OPEN HOUSES



COMMUNITY BASED ORGANIZATIONS



CB6 MEETINGS

STAKEHOLDER & COMMUNITY ENGAGEMENT

MEETINGS TO DATE

STAKEHOLDER

- LUNGS
- LES READY!
- NYCHA Resident Association Leadership
- New Yorkers for Parks
- Lower East Side Power Partnership
- Regional Plan Association
- Gouverneur Gardens Co-Op Residents
- NYCHA Riis Residents
- NYCHA Baruch Residents
- NYCHA Vladeck Houses Tenants Association
- NYCHA Smith Houses Tenants Association
- NYCHA LaGuardia Houses Tenants Association
- East River Housing Corp, Board & Residents
- NYCHA LES II, V & Bracetti Plaza Residents
- East River Alliance
- Friends of Corlears Hook Park
- NYCHA Lillian Wald Residents
- GOLES
- LES Ecology Center
- Public School Athletic League (PSAL)
- Peter Stuyvesant Little League
- Waterside Plaza Tenants Association Leadership
- Waterside Plaza Management
- Stuyvesant Town- Peter Cooper Village Tenants Association
- Knickerbocker Village
- Waterfront Alliance
- Solar One
- Peter Cooper Village
- Stuyvesant Town
- Stuyvesant Town-Peter Cooper Village Management
- Design and Programming workshops for Murphy Brothers and Asser Levy Playgrounds
- Multiple Asser Levy Alignment Meetings
- VA Hospital
- NYU Langone

STAKEHOLDER (continued)

- Large-scale Public Engagement Meetings: Most recent meetings held 12/10/2018; 12/11/2018
- Project Open Houses 05/14/2019 & 05/15/2019
- Grand Street - Town Hall 06/03/19
- Project Open Houses 06/05/19 & 06/06/19
- Various other targeted Stakeholder Meetings

ELECTED OFFICIAL AND COMMUNITY BOARD MEETINGS

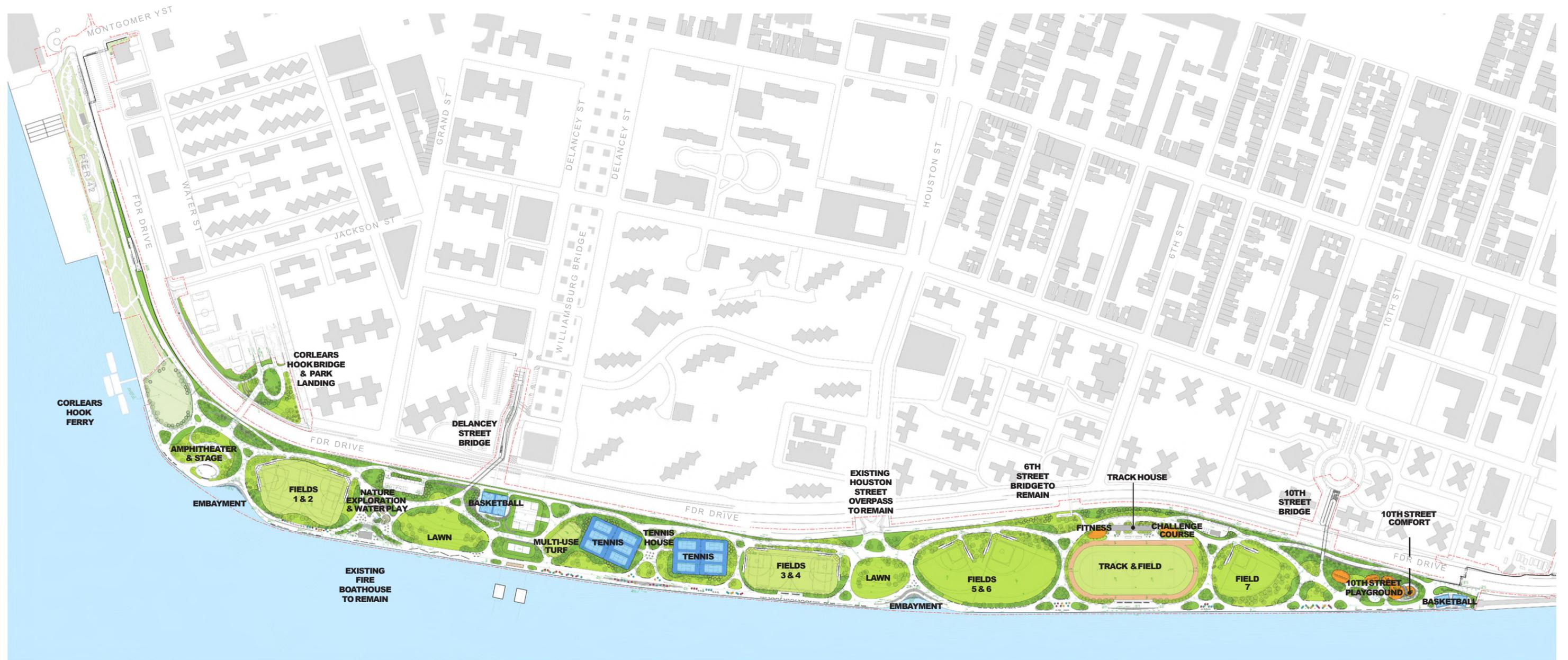
- Borough President Brewer
- Council Member Chin
- Council Member Rivera
- Council Member Powers
- Council Speaker Johnson
- Assembly Member Niou
- Assembly Member Epstein
- Assembly Speaker Heastie
- Senator Hoylman
- Senator Kavanaugh
- Representative Maloney
- Representative Velazquez
- City Council Parks and Recreation Committee Public Hearing
- CB3 Parks/Waterfront Committee
- CB3 Full Board
- CB6 Land Use/Waterfront Committee
- CB6 Parks Committee
- CB6 Full Board
- CB6 Working Group
- CB3/CB6 Joint Waterfront Task Force

An aerial architectural rendering of a city waterfront development. The scene shows a dense urban grid of buildings on the left, transitioning into a waterfront area with a suspension bridge crossing a body of water. Along the waterfront, there are several green spaces, including a large rectangular park area and several smaller, irregularly shaped parks. A road runs parallel to the waterfront, and a small boat is visible in the water. The entire image is overlaid with a semi-transparent teal color.

DESIGN REVIEW

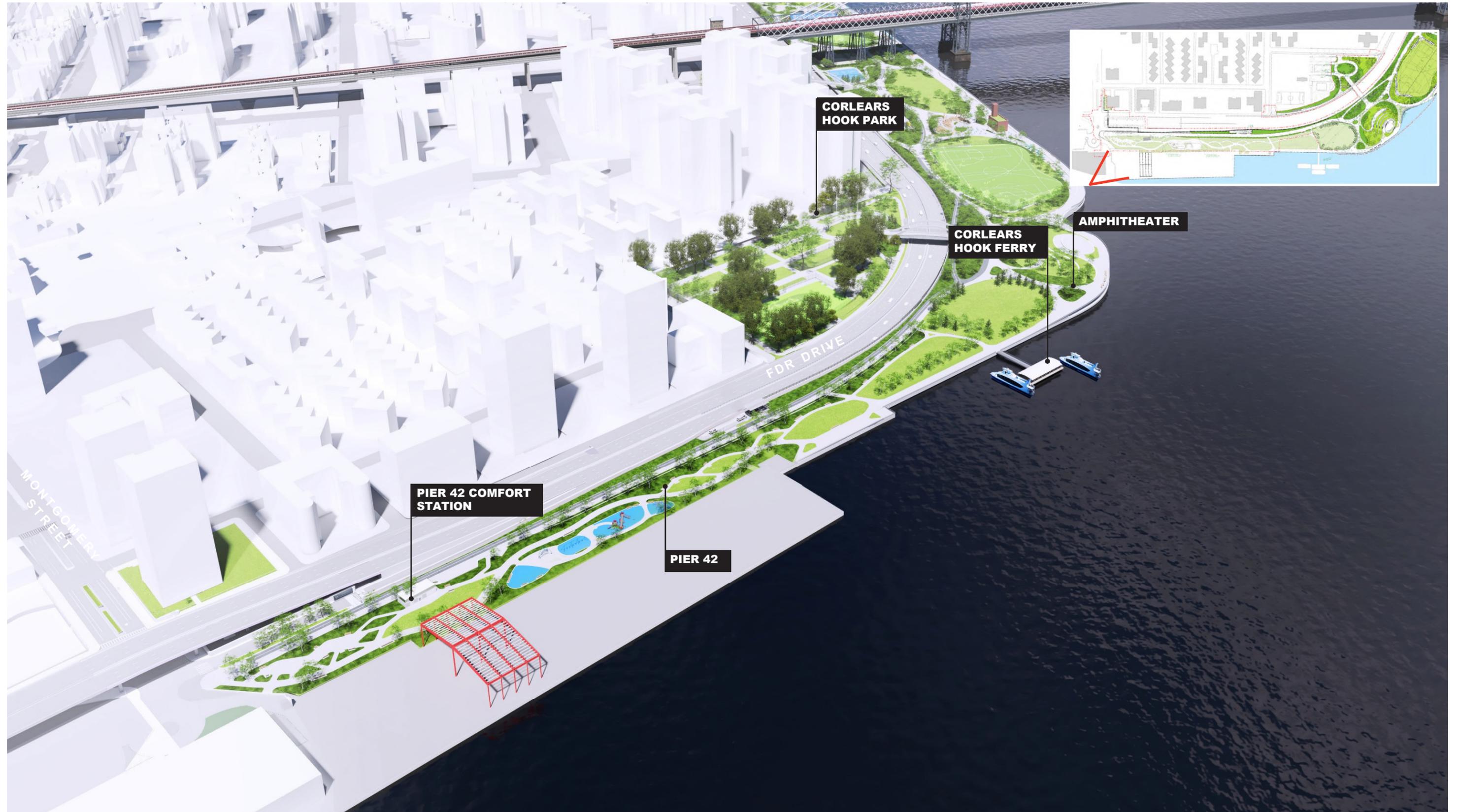
PROJECT AREA 1

EAST RIVER PARK OVERVIEW



PIER 42 AREA

PRELIMINARY DESIGN



MONTGOMERY STREET

FLOOD GATE IN OPEN POSITION



FLOODWALL
TOP OF WALL: EL. +16.5
WALL HT: APPROX. 1.5'

FLOODWALL
TOP OF WALL: EL. +16.5
WALL HT: APPROX. 4.5'

**FLOOD GATE IN
OPEN POSITION**

**DESIGN TEAM IS STUDYING
FLOODWALL FINISHES**

MONTGOMERY STREET

FLOOD GATE IN CLOSED POSITION



CORLEARS HOOK TO DELANCEY STREET

PRELIMINARY DESIGN



AMPHITHEATER

PRELIMINARY DESIGN



**CORLEARS
HOOK PARK**

**CIRCULATION AND GRADING
REDESIGNED IN CORLEARS
HOOK PARK TO PROVIDE
ACCESSIBLE BRIDGE**

**RE-CONSTRUCTED
CORLEARS HOOK BRIDGE**

**RECONSTRUCTED
AMPHITHEATER**

**AMPHITHEATER DESIGN
SUPPORTS DAY-TO-DAY USE,
COMMUNITY PROGRAMMING
& PASSIVE RECREATION**

**AMPHITHEATER DESIGN
IS IN PROGRESS**

NATURE EXPLORATION

PRELIMINARY DESIGN



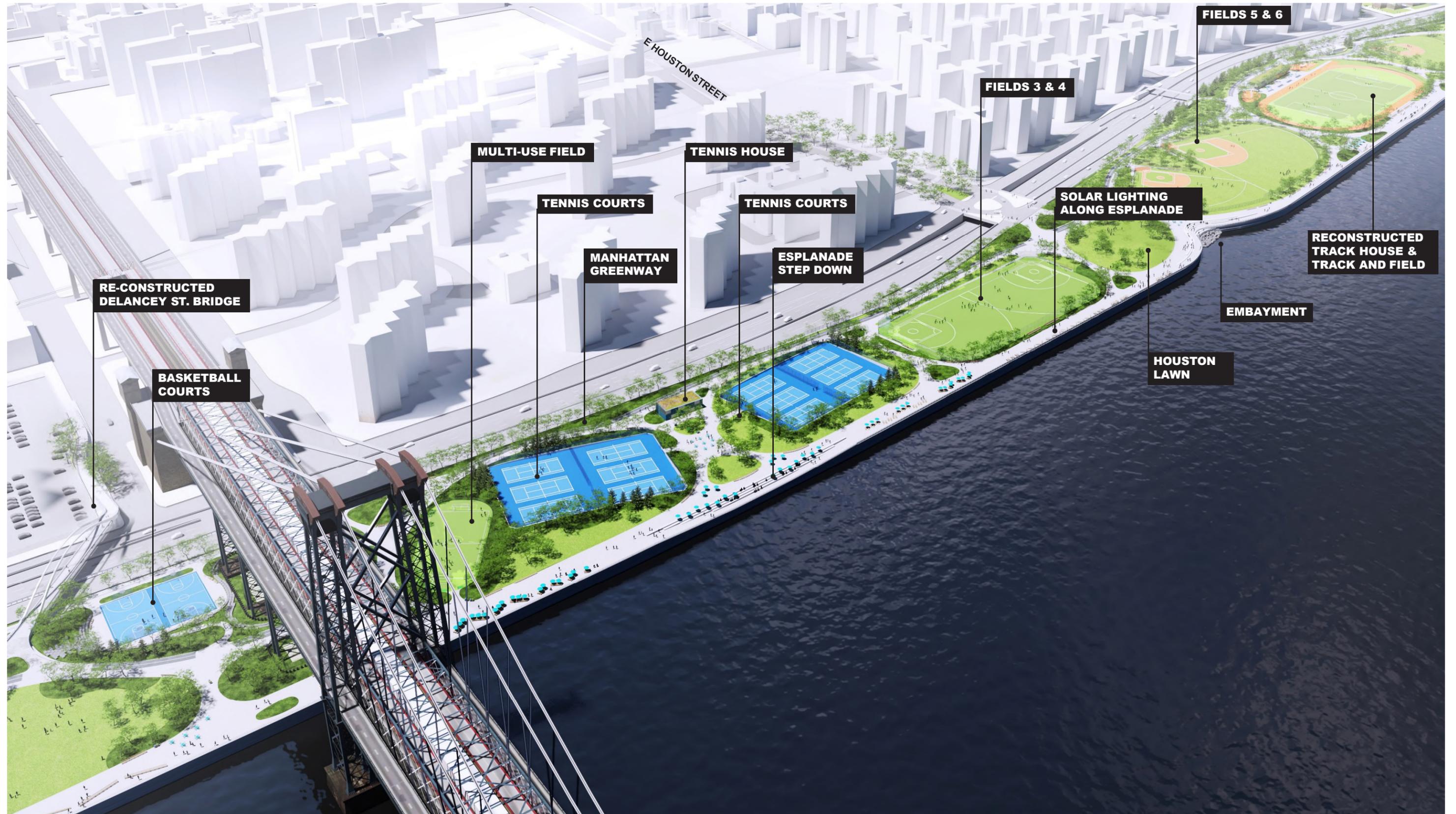
DELANCEY BRIDGE

PRELIMINARY DESIGN



HOUSTON STREET

PRELIMINARY DESIGN



HOUSTON STREET CONNECTION

PRELIMINARY DESIGN



ESPLANADE EMBAYMENT

PRELIMINARY DESIGN



TRACK & EAST 10TH STREET

PRELIMINARY DESIGN



TRACK HOUSE AND FITNESS AREA

PRELIMINARY DESIGN



FITNESS AREA

CHALLENGE COURSE

**FITNESS AREA AND
CHALLENGE COURSE
DESIGN IS IN PROGRESS**

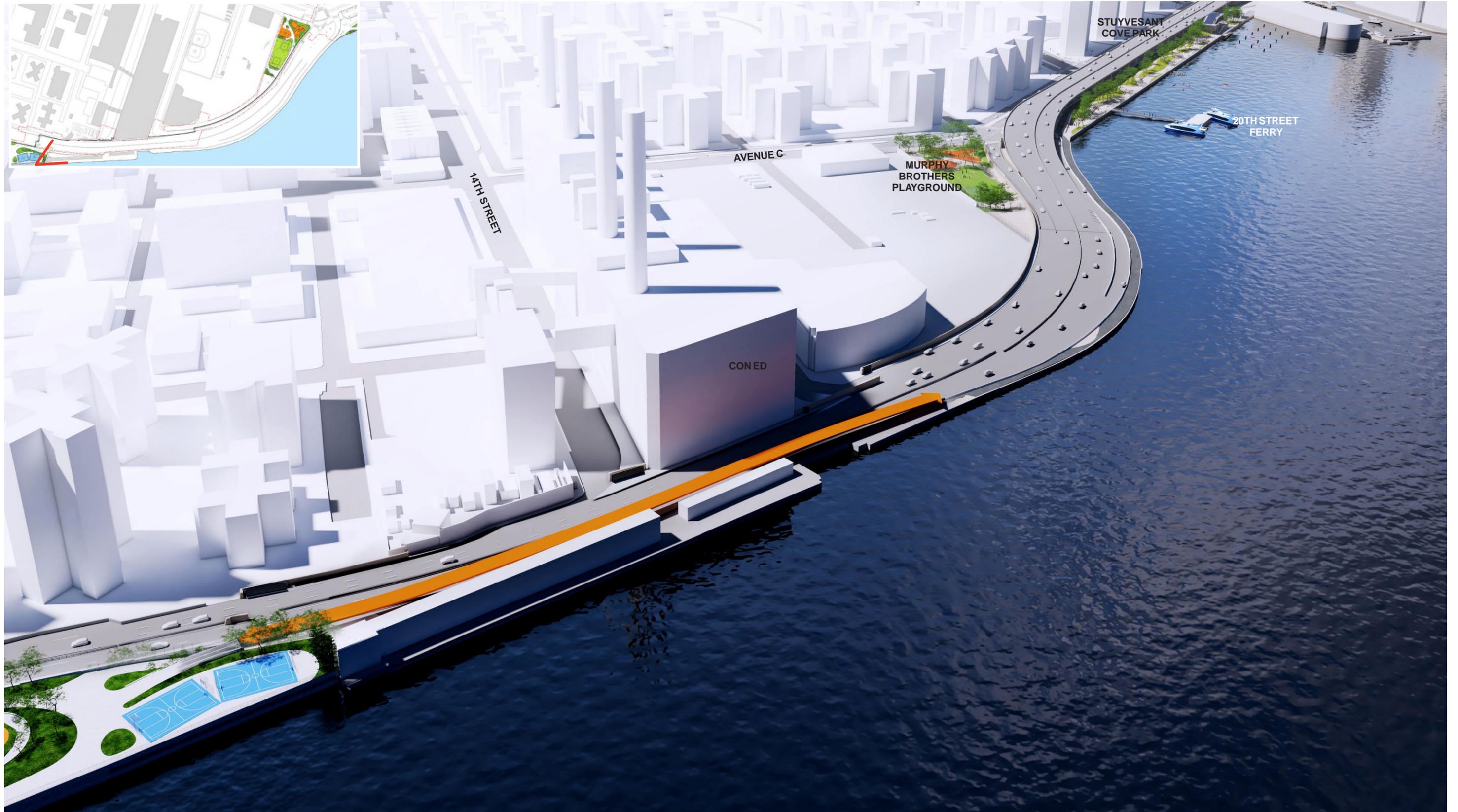
10TH STREET BRIDGE

PRELIMINARY DESIGN



FLYOVER BRIDGE

PRELIMINARY DESIGN



PROJECT AREA 2

PRELIMINARY DESIGN



MURPHY BROTHERS PLAYGROUND

PRELIMINARY DESIGN



MURPHY BROTHERS PLAYGROUND

PRELIMINARY DESIGN



STUYVESANT COVE PARK

PRELIMINARY DESIGN



STUYVESANT COVE PARK

PRELIMINARY DESIGN



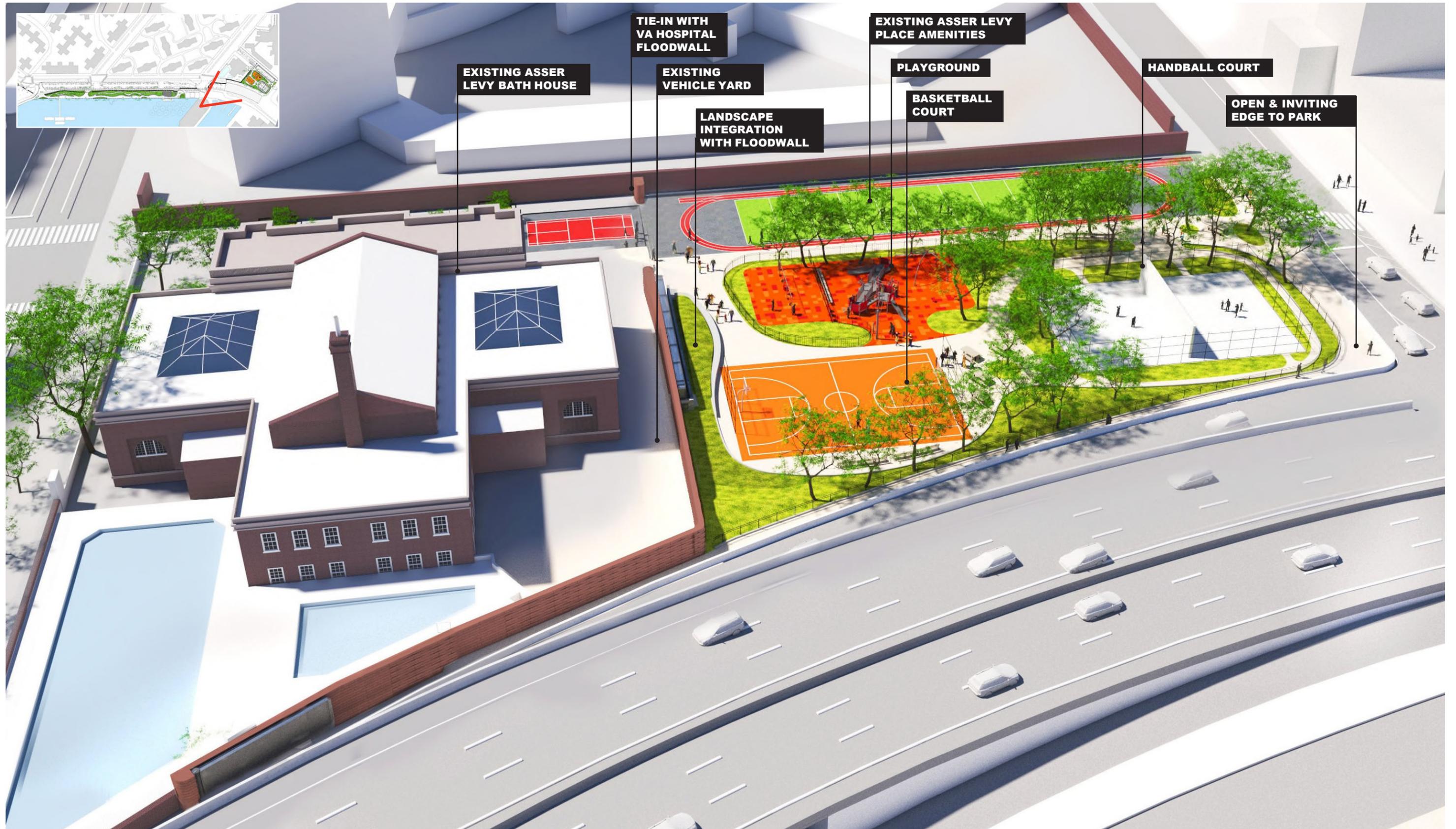
STUYVESANT COVE PARK

20TH STREET PARK GATES



ASSER LEVY PLAYGROUND

PRELIMINARY DESIGN



An aerial architectural rendering of a city waterfront development. The scene shows a dense urban grid of buildings on the left, transitioning into a waterfront area with a suspension bridge crossing a body of water. The waterfront features several green spaces, including what appears to be a baseball field and other recreational areas. The entire image is overlaid with a semi-transparent teal color.

ENVIRONMENTAL REVIEW & APPROVALS

ENVIRONMENTAL REVIEW

STANDARDS AND EIS ALTERNATIVES

COORDINATED ENVIRONMENTAL REVIEW UNDER 3 STATUTES:

Environmental Impact Statement (EIS) will satisfy requirements of all three statutes

- **National Environmental Policy Act (NEPA)**
- **State Environmental Quality Review Act (SEQRA)**
- **City Environmental Quality Review (CEQR)**

LEAD AGENCIES:

Environmental review coordinated by head agencies, with cooperating, involved and interested Federal, State and City agencies

- **NEPA - NYC Office of Management and Budget**
- **SEQRA/CEQR - Department of Parks & Recreation**

EIS ALTERNATIVES:

ALTERNATIVE 1:

No Action Alternative

ALTERNATIVE 2:

Flood Protection System on the West Side of East River Park – Baseline

ALTERNATIVE 3:

Flood Protection System on the West Side of East River Park – Enhanced Park and Access

ALTERNATIVE 4:

Flood Protection System with a Raised East River Park (Preferred Alternative)

ALTERNATIVE 5:

Flood Protection System East of FDR Drive

UNIFORM LAND USE REVIEW PROCEDURE

PROPOSED ACTIONS



-  Project Area One
-  Project Area Two

DEIS IMPACT ANALYSIS OVERVIEW

DEIS OPERATIONAL ANALYSES

- Land Use, Zoning, and Public Policy (Ch. 5.1)
- Socioeconomics (Ch. 5.2)
- Open Space (Ch. 5.3)
- Historic and Cultural Resources (Ch. 5.4)
- **Urban Design & Visual Resources (Views)**** (Ch. 5.5)
- Natural Resources (Ch. 5.6)
- Hazardous Materials (Ch. 5.7)
- Water & Sewer Infrastructure (Ch. 5.8)
- Transportation (Ch. 5.9)
- Neighborhood Character (Ch. 5.10)
- Environmental Justice (Ch. 5.11)

**Potential for Significant Adverse Effects*

***Unavoidable*

DEIS CONSTRUCTIONAL ANALYSES

- Socioeconomics (Ch. 6.1)
- **Open Space**** (Ch. 6.2)
- Historic & Cultural Resources (Ch. 6.3)
- Urban Design & Visual Resources (views) (Ch. 6.4)
- Natural Resources (Ch. 6.5)
- Hazardous Materials (Ch. 6.6)
- Water & Sewer Infrastructure (Ch. 6.7)
- Energy (Ch. 6.8)
- **Transportation*** (Ch. 6.9)
- Air Quality (Ch. 6.10)
- Greenhouse Gas Emissions (Ch. 6.11)
- **Noise & Vibration**** (Ch. 6.12)
- Public Health (Ch. 6.13)

NYC PARKS ANTICIPATED NEIGHBORHOOD IMPROVEMENTS

PARK UPGRADES



SPORTS COATING



RAIN GARDENS



TREE PLANTING



PAINTING



ASPHALT TO TURF



SOLAR FIELD LIGHTS

NYC PARKS ANTICIPATED NEIGHBORHOOD IMPROVEMENTS

MORE PROGRAMMING AND NEW PARK SPACES



ACCOMMODATING FIELD USERS



LAGUARDIA BATH HOUSE



MORE RECREATIONAL PROGRAMMING



PIER 42 PHASE 1: UPLAND PARK

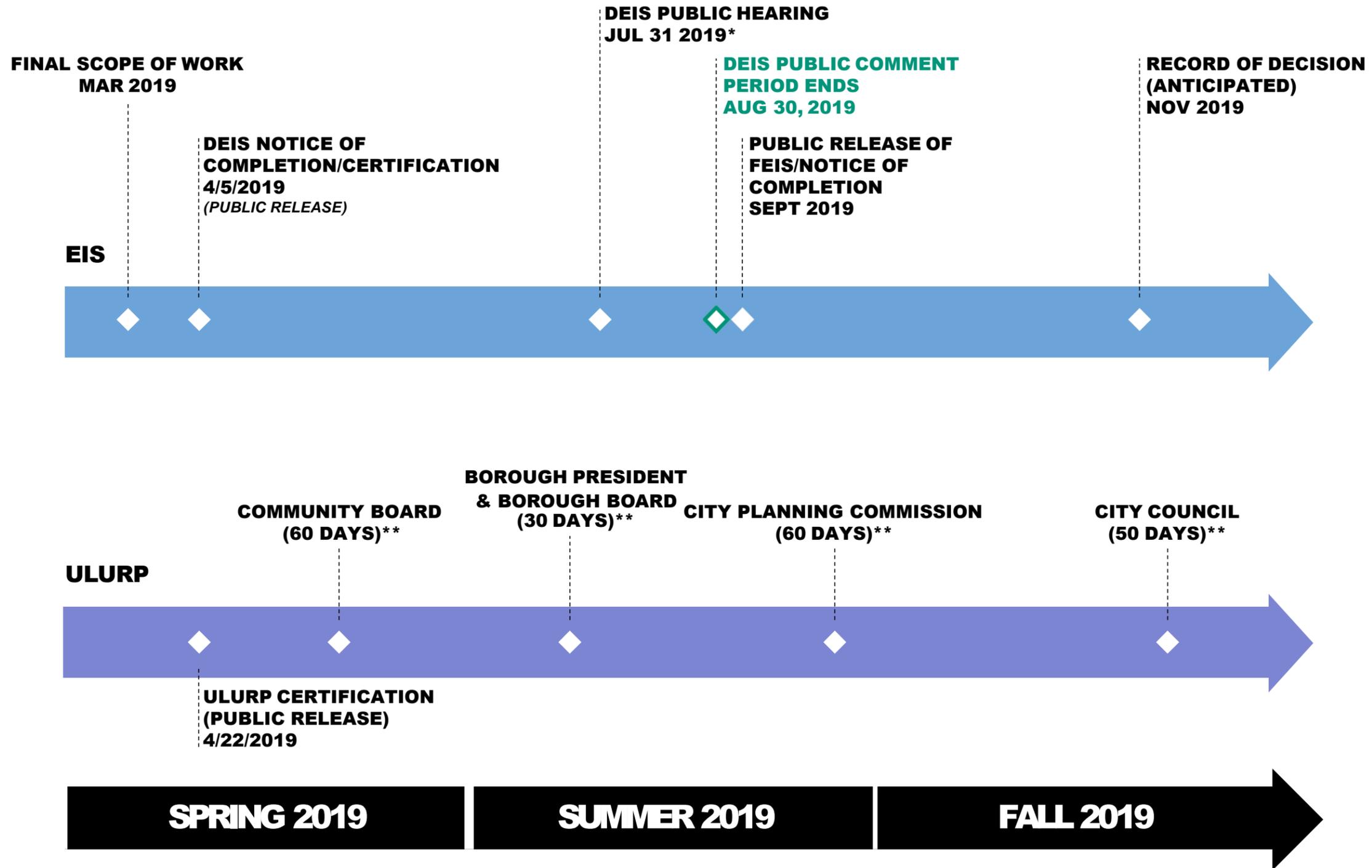


MORE NEIGHBORHOOD PARK STAFF



PIER 35

NEXT STEPS: PUBLIC INPUT TO THE EIS/ULURP PROCESSES



* DEIS COMMENT PERIOD EXTENDS 15 DAYS AFTER PUBLIC HEARING

** INCLUDES PUBLIC HEARING

Website

NYC East Side Coastal Resiliency 311 Search all NYC.gov websites

NYC Italiano Translate Text-Size

The East Side Coastal Resiliency Project

Home Vision Background Progress Get Involved Resources Search

Draft Environmental Impact Statement (DEIS) Now Available for Review and Comments

The East Side Coastal Resiliency Project

The East Side Coastal Resiliency (ESCR) Project is a coastal protection initiative, jointly funded by the City of New York and the federal government, aimed at reducing flood risk due to coastal storms and sea level rise on Manhattan's East Side from East 25th Street to Montgomery Street.

The ESCR Project is a priority of the City of New York as outlined in the 2015 *One New York: The Plan for a Strong and Just City* and by the innovative Rebuild by Design competition sponsored by the U.S. Department of Housing and Urban Development (HUD). The project design intends to integrate flood protection into the community fabric, improving access to the waterfront rather than walling off the neighborhood.

Partners

NYC DDC
Department of Design and Construction

Visit Us!
www.nyc.gov/escr
Twitter: @NYClimate