

# East Side Coastal Resiliency

NYCHA Resident Leaders Meeting

February 4, 2019

635 E. 12th Street  
Campos Plaza Resident Association Room



## **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.**



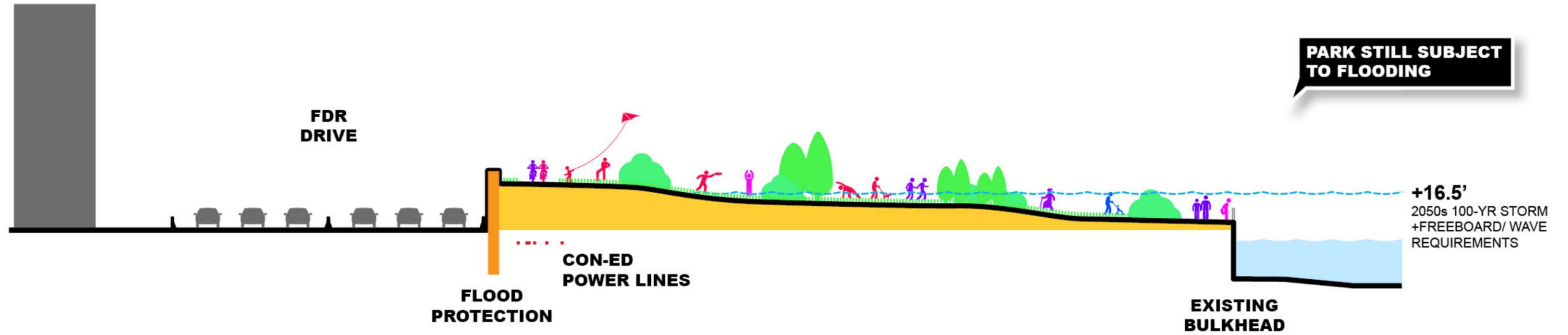


**NYCHA HOUSING**  
ADJACENT TO EAST RIVER PARK

# IMPROVED PARK RESILIENCY

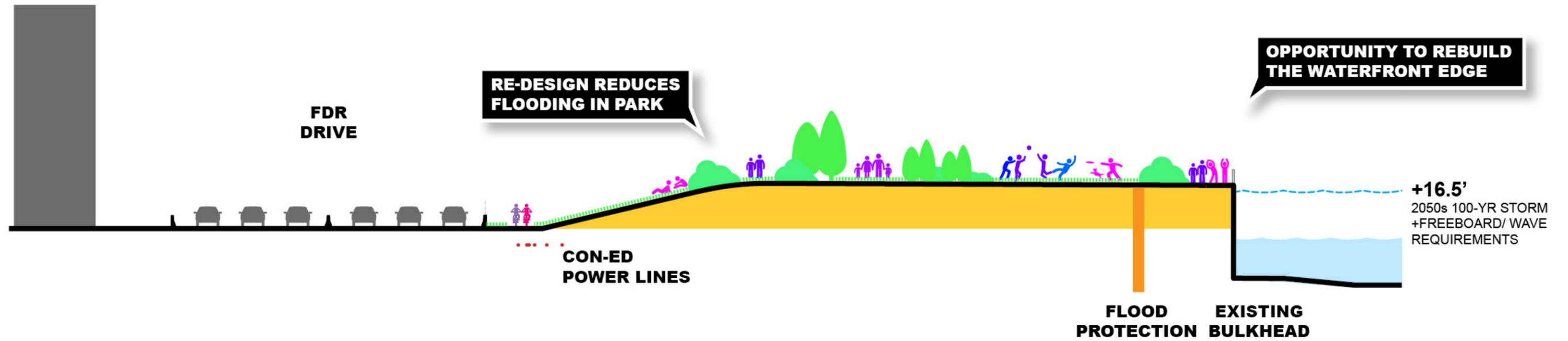
PARK IS ABOVE THE 2050s 100-YEAR FLOODPLAIN

## PREVIOUS PLAN



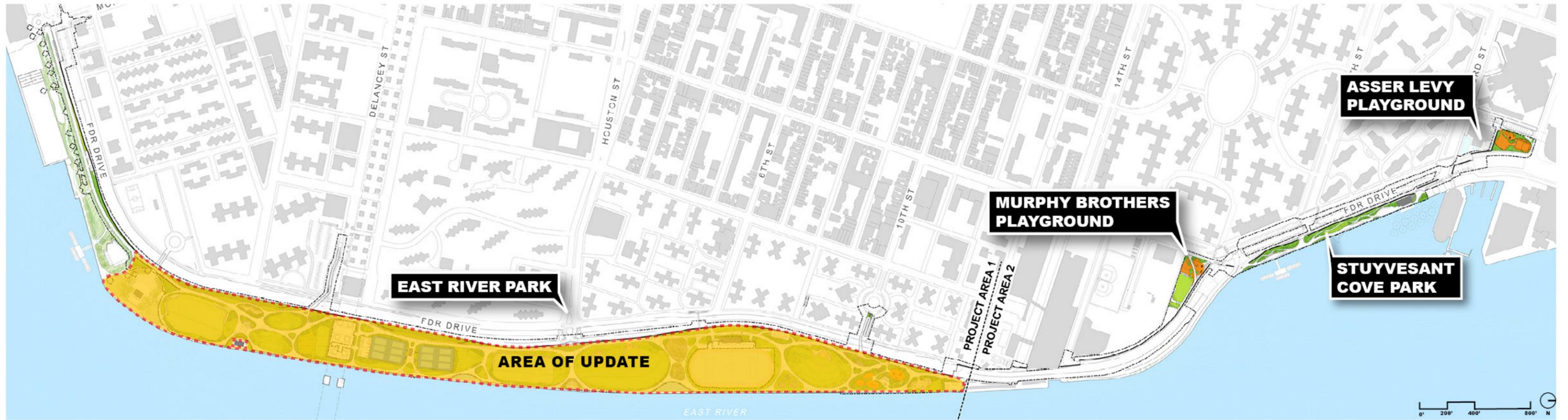
## CURRENT PLAN

### FLOOD PROTECTION ALONG FDR VS. RAISED & REBUILT EAST RIVER PARK



# AREA OF DESIGN CHANGES

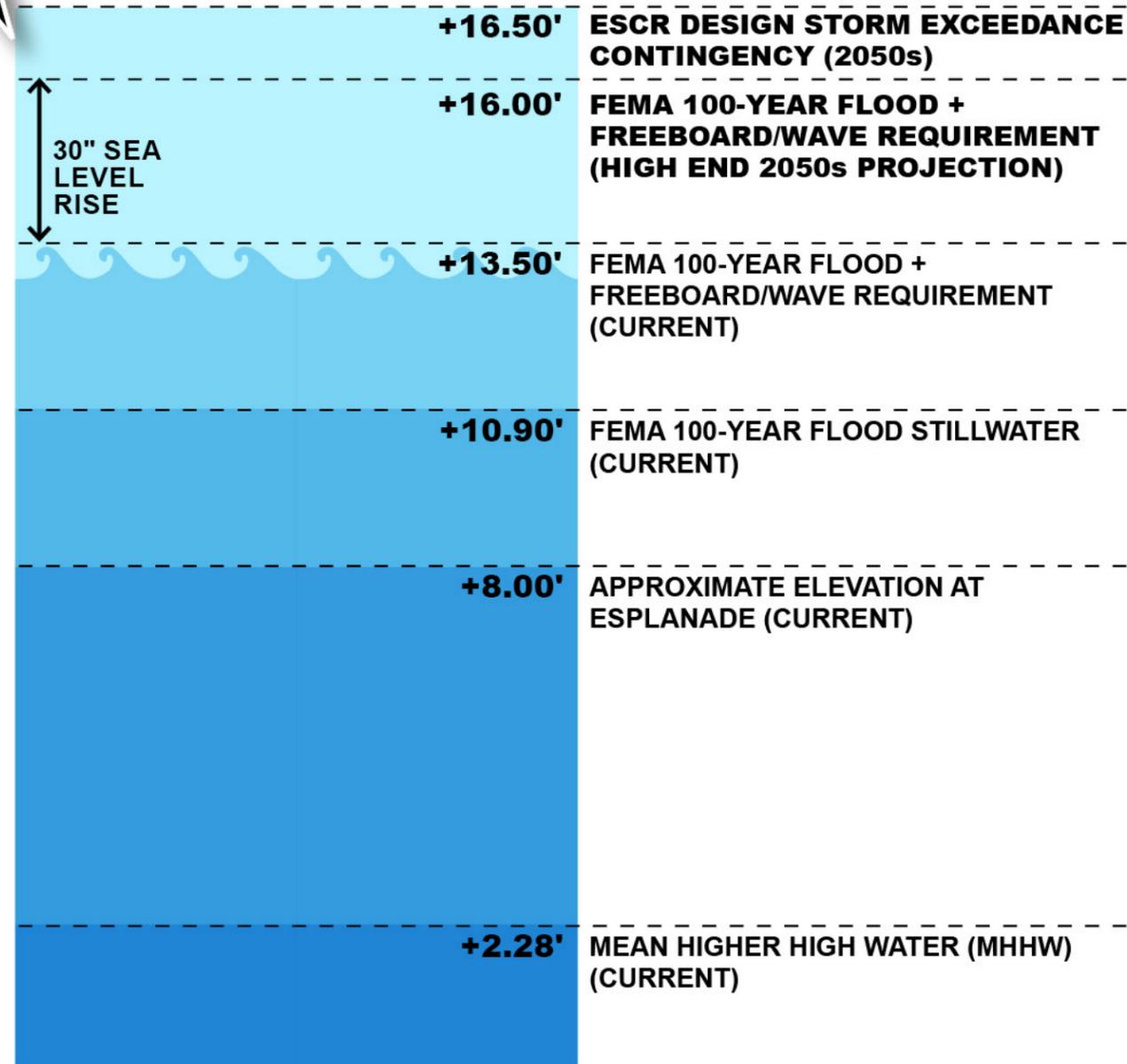
## EAST SIDE COASTAL RESILIENCY PROJECT



# IMPROVED PARK RESILIENCY

## FLOOD DESIGN ELEVATIONS

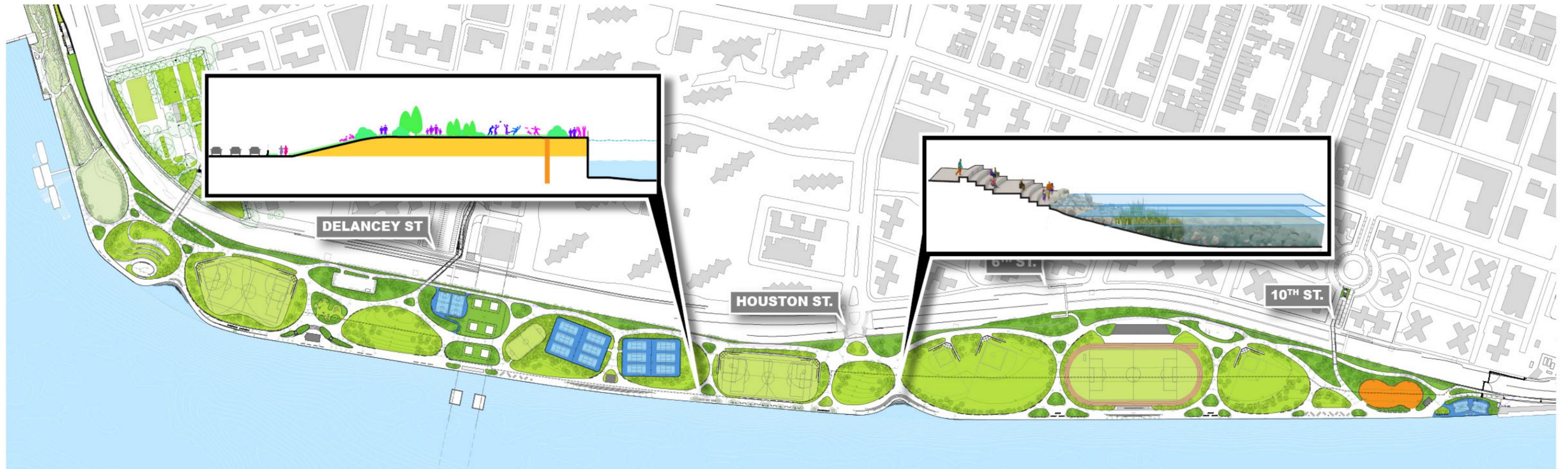
**HUD FUNDING REQUIREMENT:  
THE SYSTEM MUST PURSUE FEMA  
ACCREDITATION WITH MINIMUM  
SYSTEM ELEVATION AT CURRENT  
FEMA 100-YEAR STORM ELEVATION +  
FREEBOARD**



NOTE: ALL ELEVATIONS SHOWN IN NAVD88

# CURRENT PLAN

## PROJECT GOALS



- **INTEGRATE PASSIVE FLOOD PROTECTION**
- **IMPROVE WATERFRONT ACCESS & OPEN SPACES**
- **ACHIEVE TIMELINE & FUNDING MILESTONES**
- **TIMELY DELIVERY OF FLOOD PROTECTION**



# PARK PROGRAM

## DESIGN APPROACH

TODAY

PREVIOUS PLAN

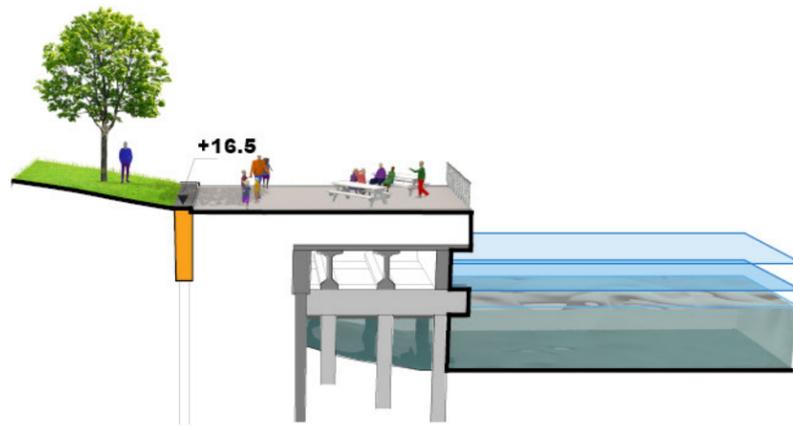
CURRENT PLAN

EXPANDS USABLE PARK AREA

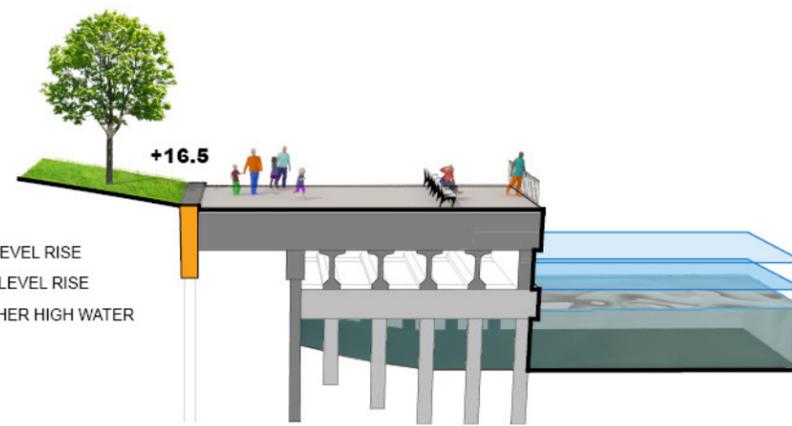


# IMPROVED PARK RESILIENCY

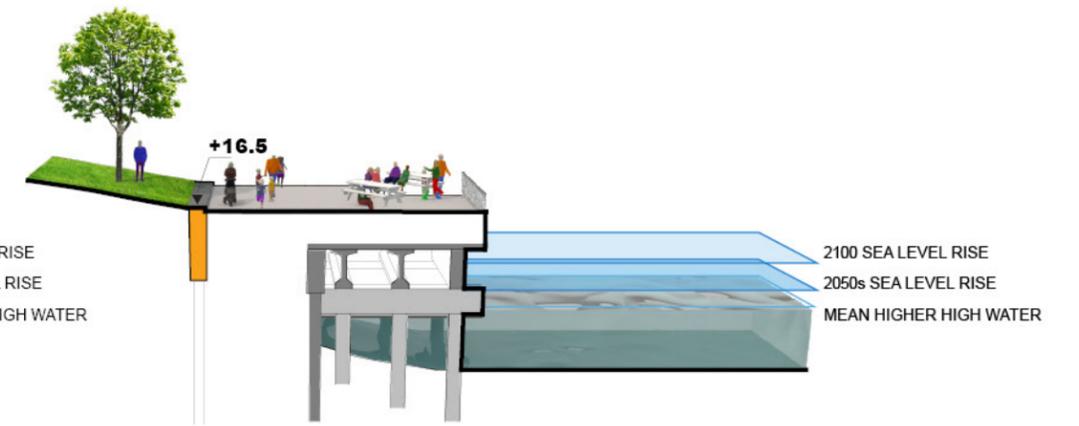
## DIFFERENT EXPERIENCES FOR WATERFRONT ACCESS



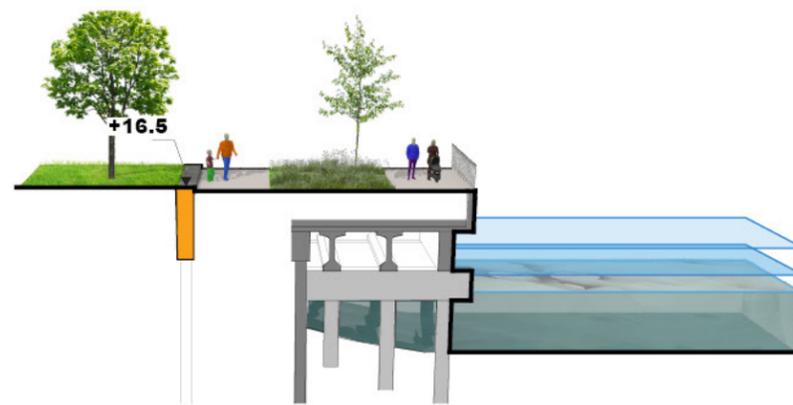
**ACTIVE EDGE**



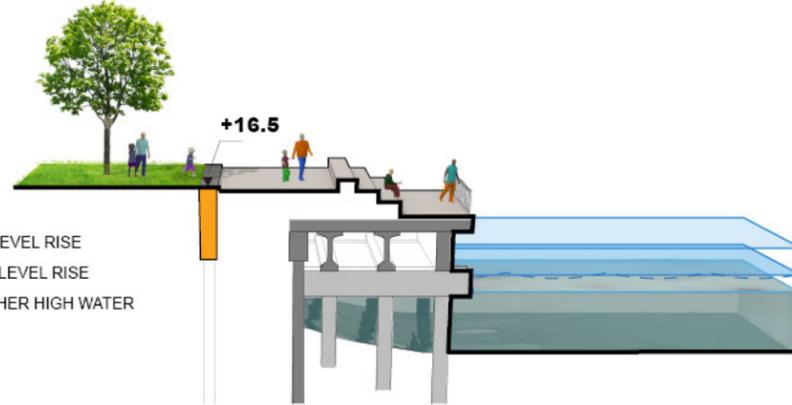
**CIVIC PROMENADE**



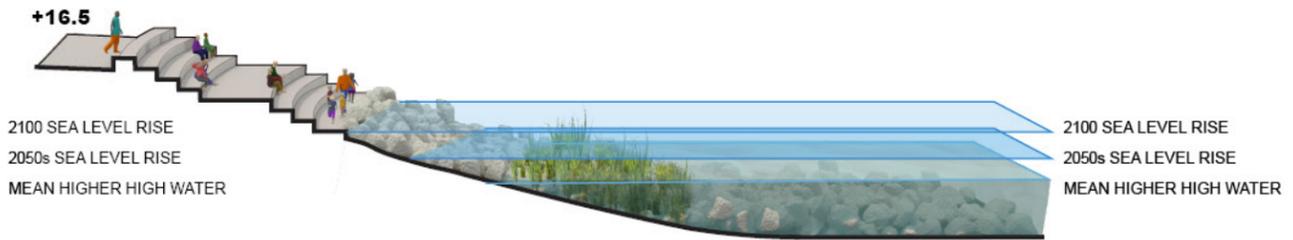
**STEP UP**



**PLANTED EDGE**



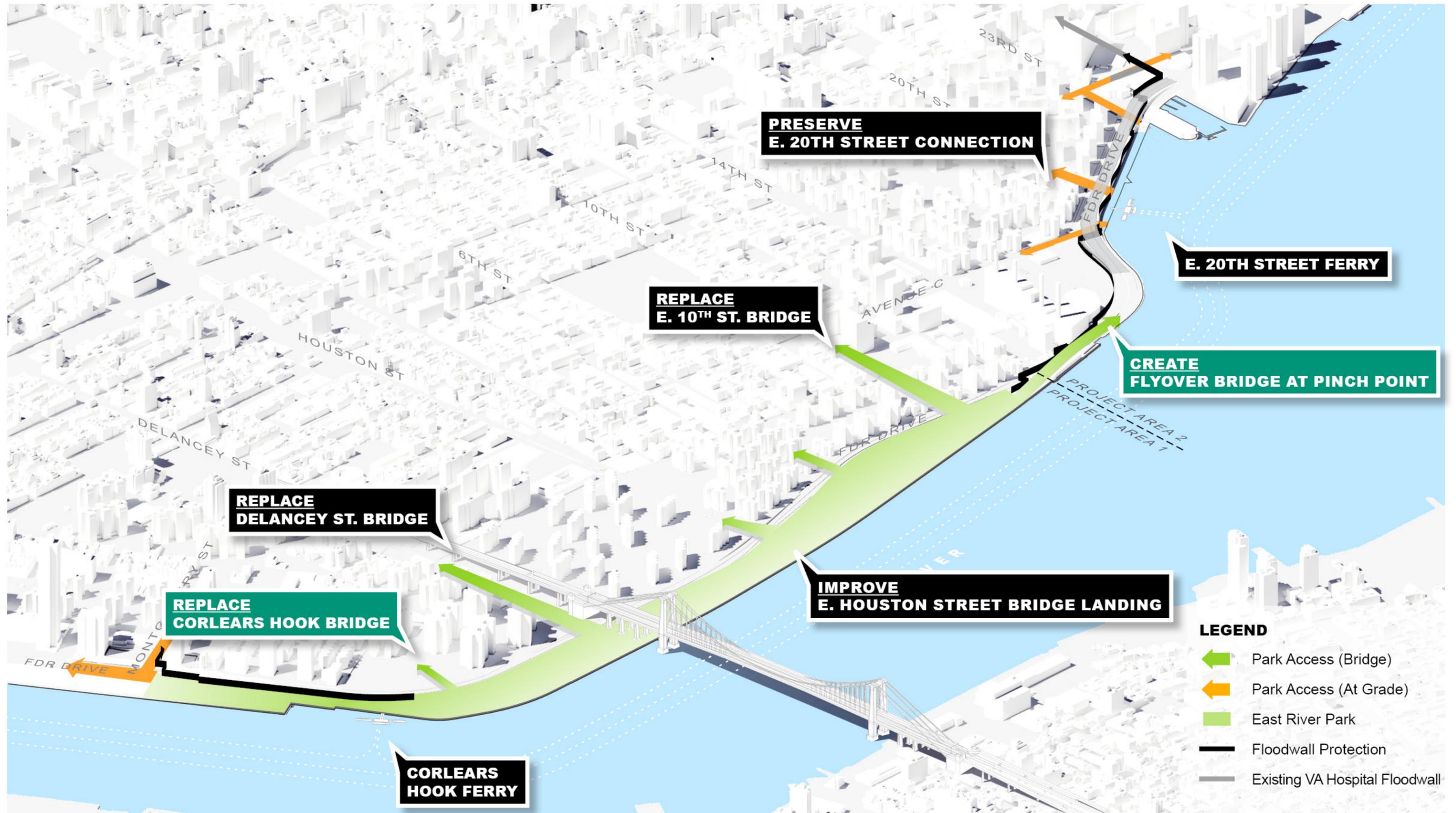
**STEP DOWN**



**EMBAYMENT**

# WATERFRONT OPEN SPACES & ACCESS

## IMPROVING PARK ACCESS





**AREA 3: TRACK & EAST 10<sup>TH</sup> STREET**

**AREA 2: BARUCH HOUSES**

**AREA 1: DELANCEY**





RE-CONSTRUCTED  
CORLEARS HOOK BRIDGE

RE-CONSTRUCTED  
AMPHITHEATER

EMBAYMENT

FIELDS 1 & 2

NATURE PLAY

RE-CONSTRUCTED  
DELANCEY ST. BRIDGE

PRESERVED FIRE  
BOATHOUSE

NEIGHBORHOOD  
GATHERING LAWN

BASKETBALL  
COURTS

**AREA 1: DELANCEY**  
CURRENT PLAN



**DELANCEY OVERLOOK**  
EXISTING CONDITIONS



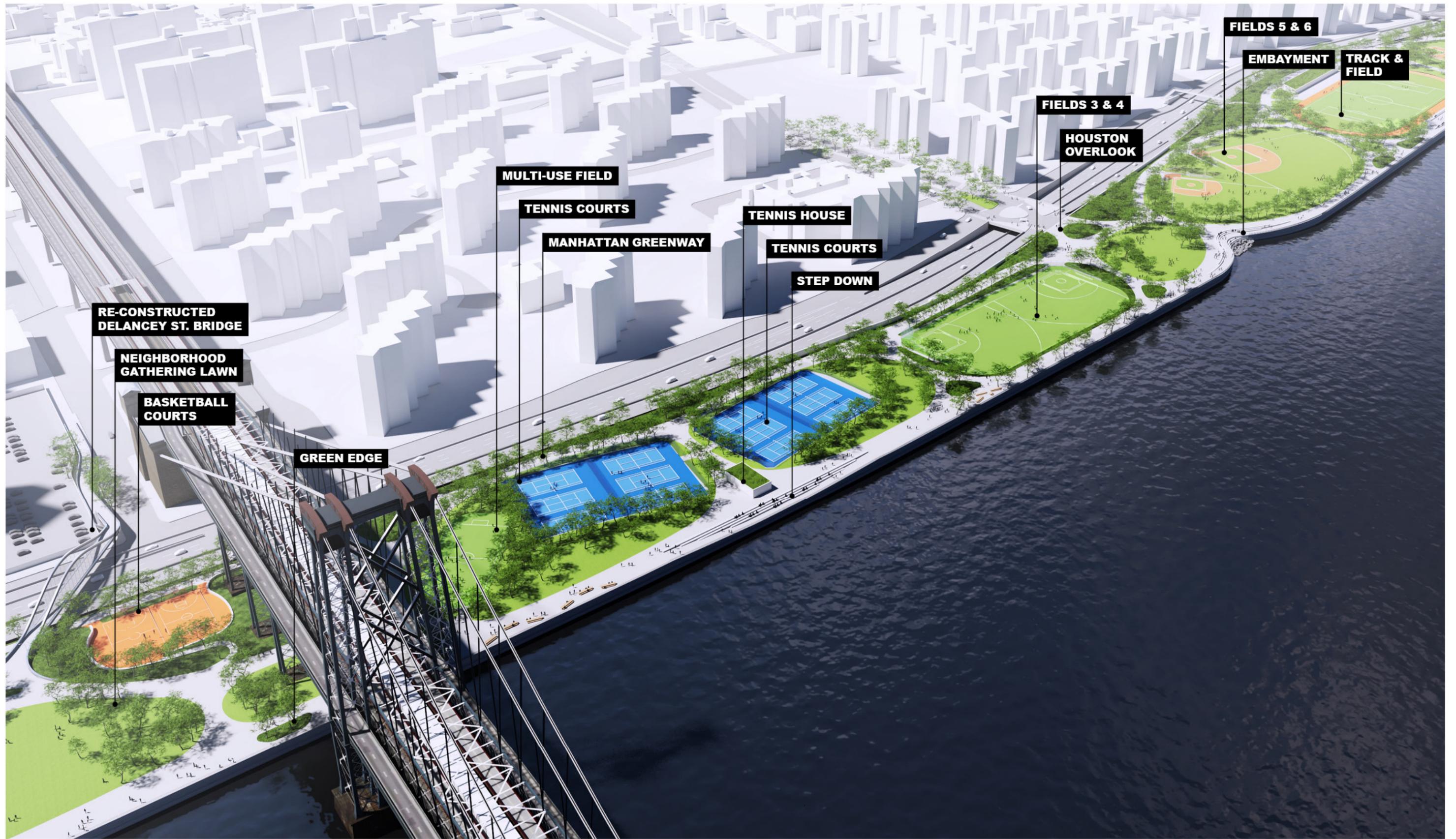
**DELANCEY OVERLOOK**  
PREVIOUS DESIGN



**DELANCEY OVERLOOK**  
CURRENT PLAN



**DELANCEY OVERLOOK**  
CURRENT PLAN - STORM CONDITIONS



**AREA 2: BARUCH HOUSES**  
CURRENT PLAN



**RENDERING DEPICTS 2015 MEAN HIGHER HIGH WATER**

**HOUSTON AREA**  
CURRENT PLAN



**RENDERING DEPICTS 2050 MEAN HIGHER HIGH WATER**

**HOUSTON AREA**  
CURRENT PLAN



**HOUSTON AREA**  
CURRENT PLAN



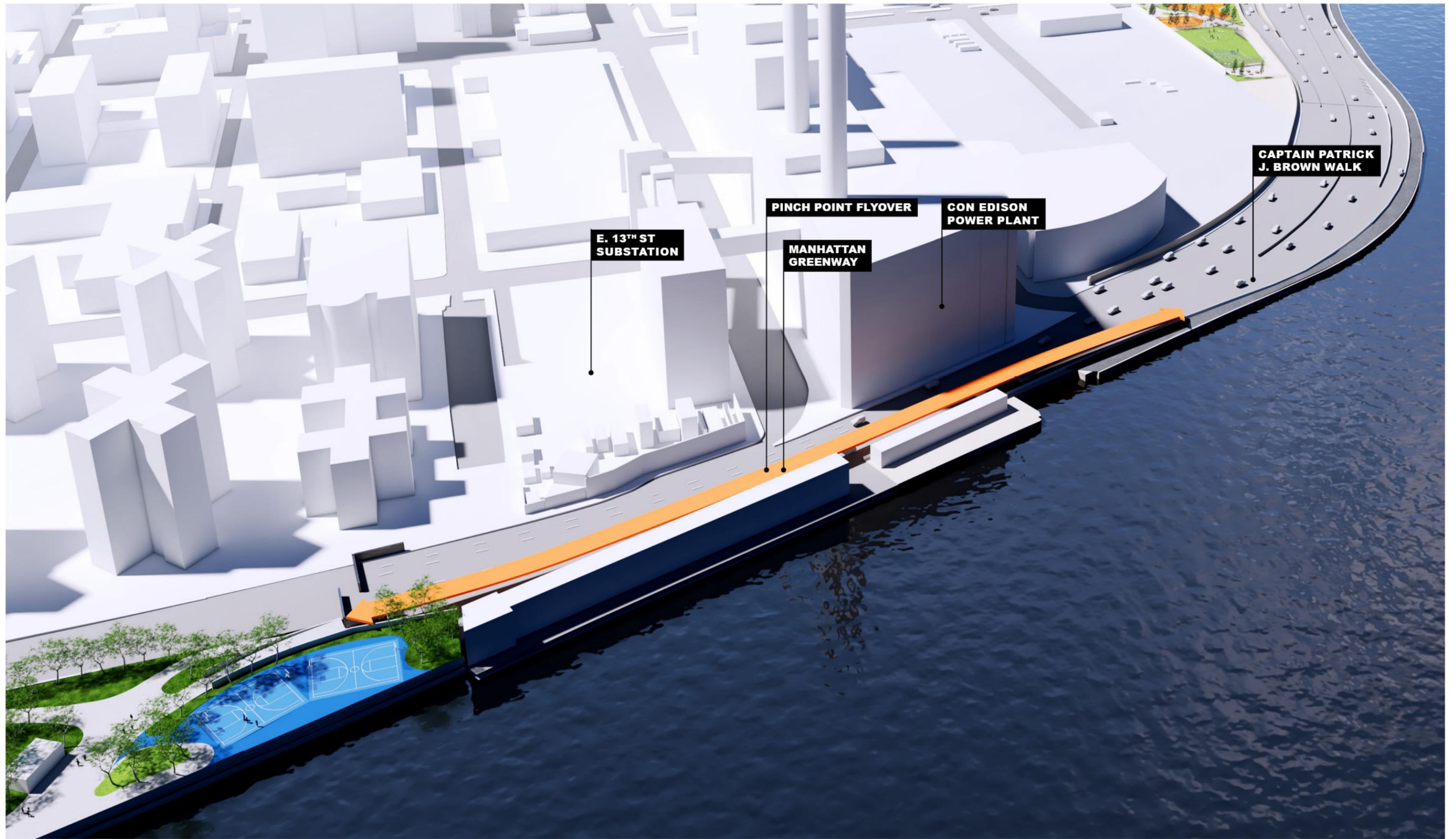
**AREA 3: TRACK & E. 10<sup>TH</sup> ST.**  
CURRENT PLAN



**TRACK & FIELD AREA**  
CURRENT PLAN

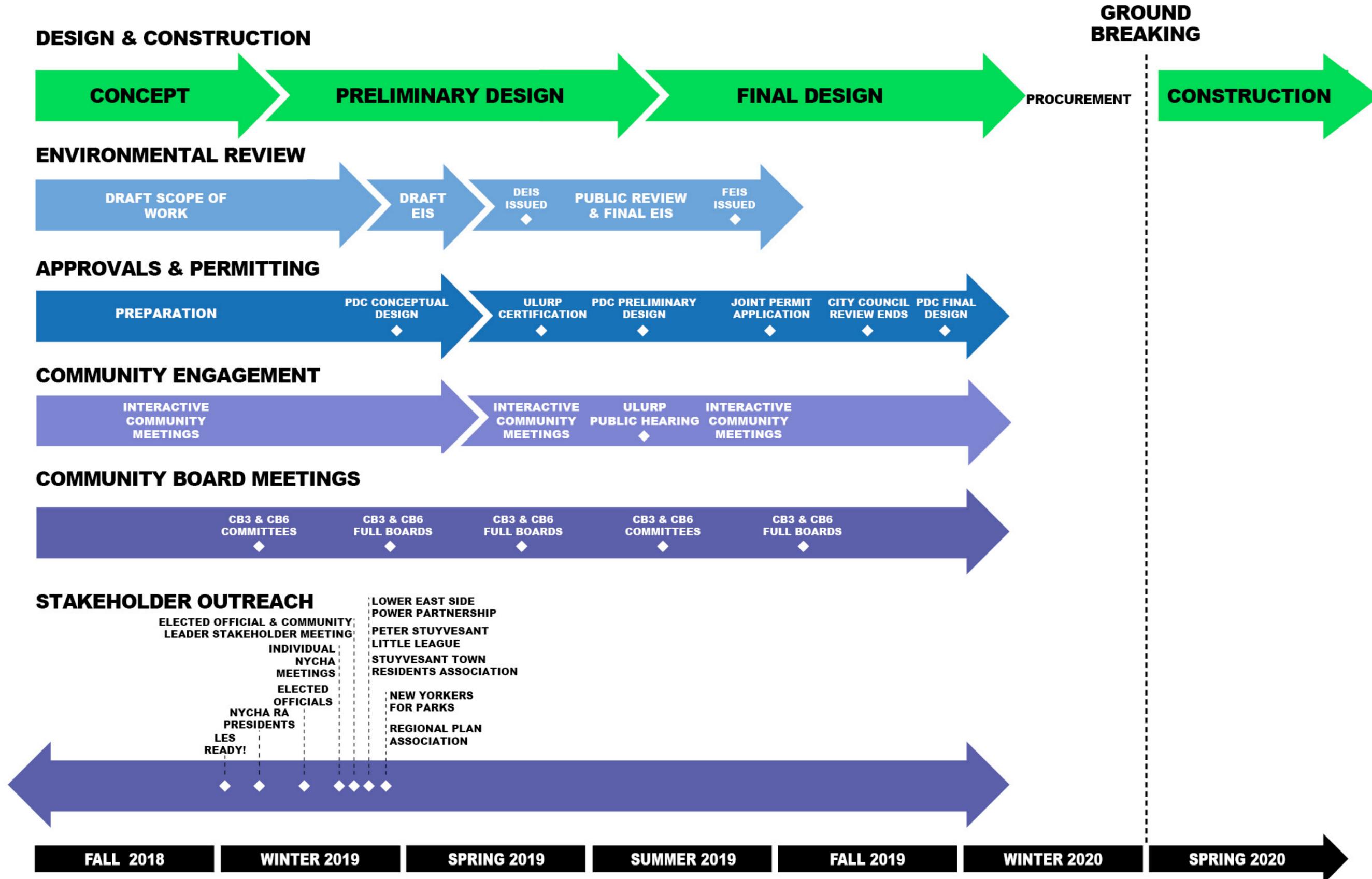


**TRACK & FIELD AREA**  
CURRENT PLAN - STORM CONDITIONS

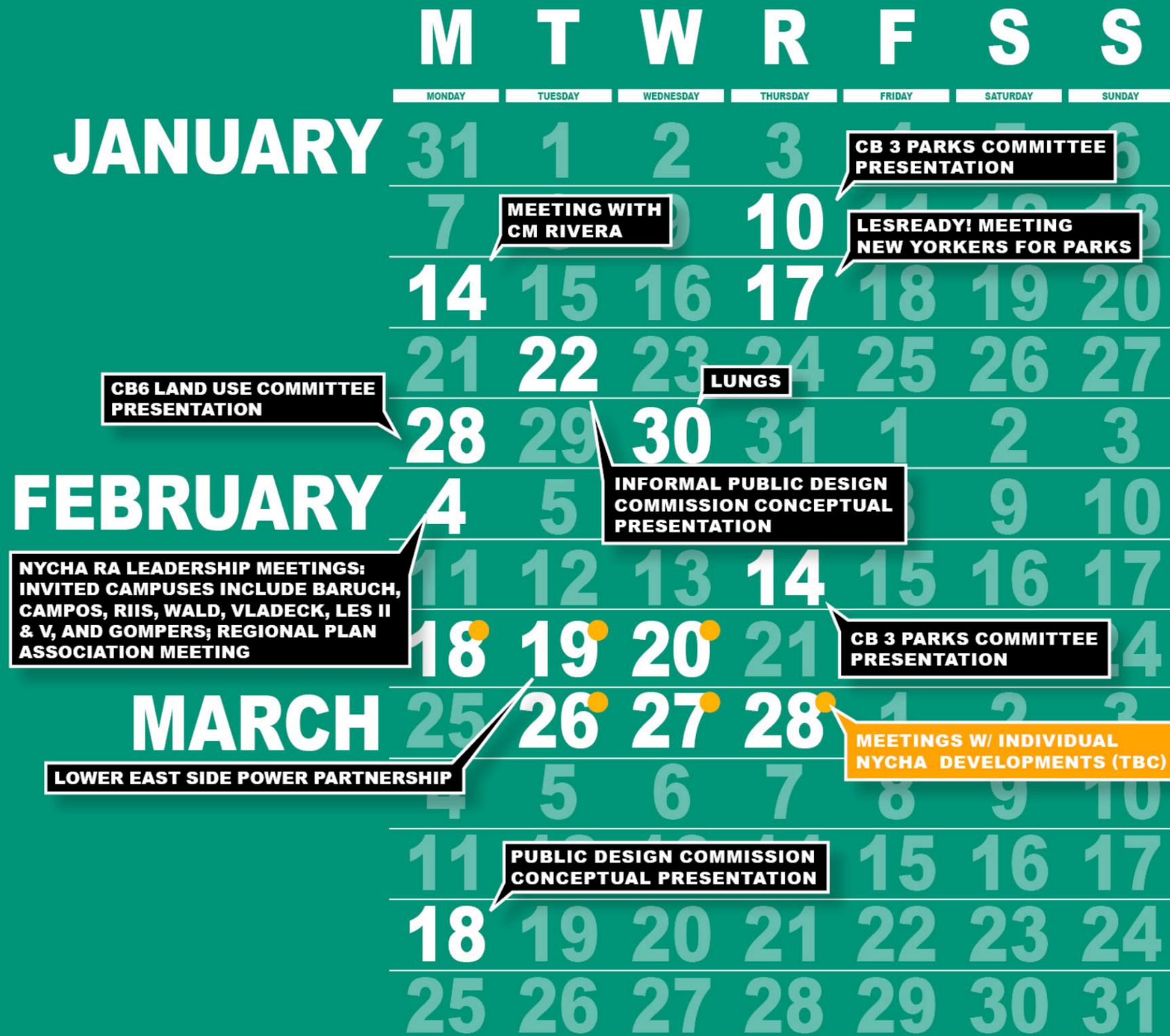


**PINCH POINT FLYOVER BRIDGE**  
CURRENT PLAN

# COMMUNITY ENGAGEMENT



# COMMUNITY ENGAGEMENT SCHEDULE



# Website

**NYC**  
The East Side Coastal Resiliency Project

Translate | Text-Size

Home Vision Background Progress Get Involved Resources Search

**Public Input Sessions: Using the tools of design to engage residents and stakeholders in decision making**

### 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.

Since early visioning, the City has been working hand-in-hand with community partners and residents to identify the best ways to meet the challenges we face from climate change, including sea level rise and more frequent, intense storms. When in place, the ESCR Project will provide improved coastal protection to more than 110,000 vulnerable New Yorkers through 2.4 miles of enhanced waterfront, ecology, and urban spaces. Public workshops and outreach are taking place regularly, and your input is crucial in making this project the best one it can be.

Have a comment? [Submit your comments.](#)

Watch a message from Mayor Bill de Blasio on Climate Change and Sustainability

### Partners

**NYC DDC**  
Department of Design and Construction

**Visit Us!**  
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Twitter: [@NYClimate](https://twitter.com/NYClimate)