

# EAST SIDE COASTAL RESILIENCY

## PRE-SOLICITATION CONFERENCE



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# AGENDA

## 1. Welcome and Introduction

**Magalie Austin**, Chief Diversity and Industry Relations Officer

## 2. Project Overview

Construction Contract Packages

Construction Phasing Plan

**Jamie Torres-Springer**, First Deputy Commissioner

**Eric MacFarlane**, Deputy Commissioner – Infrastructure

## 3. Adjacent Resiliency Project

Brooklyn Bridge – Montgomery Coastal Resilience

## 4. Q & A

# 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.

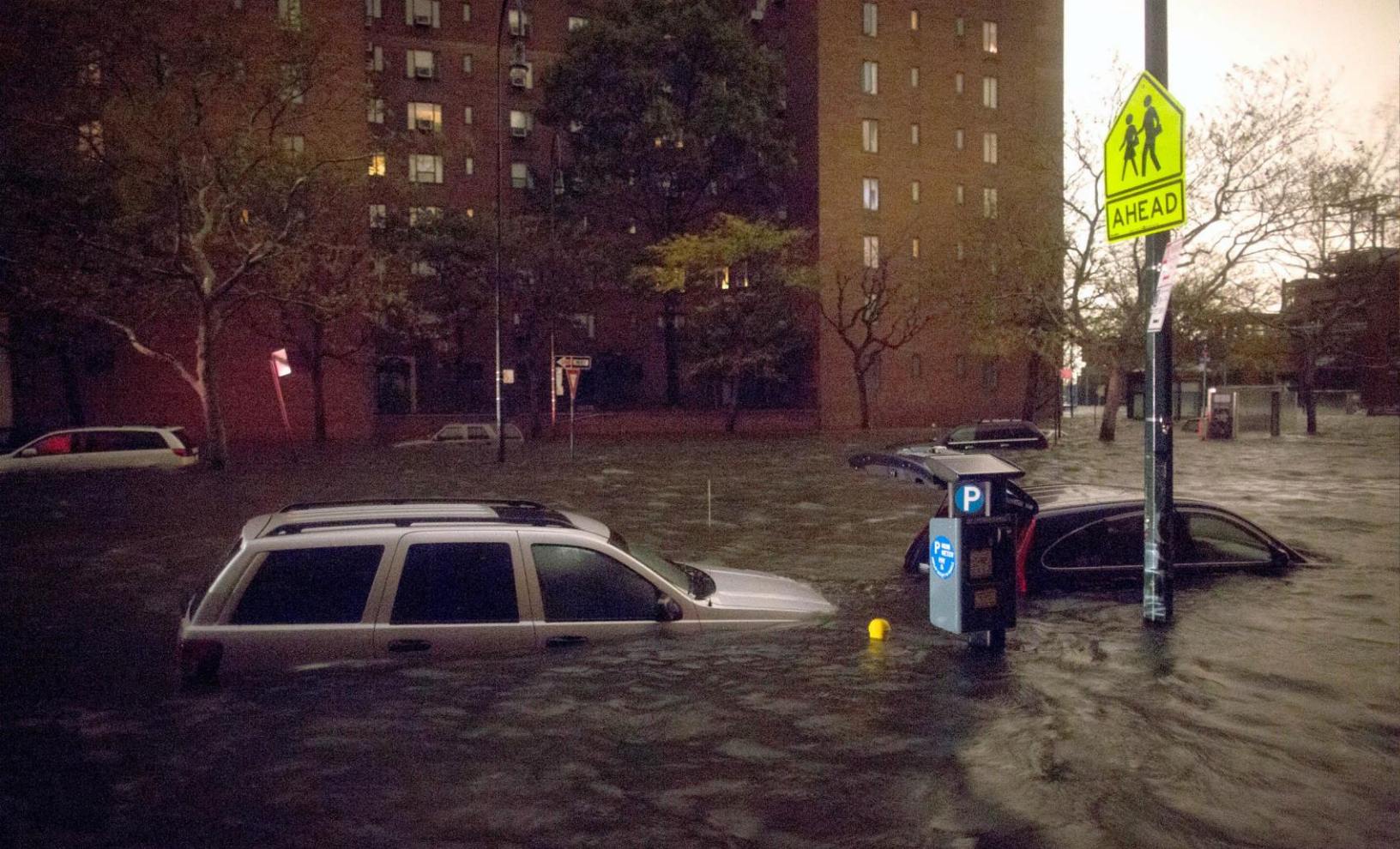




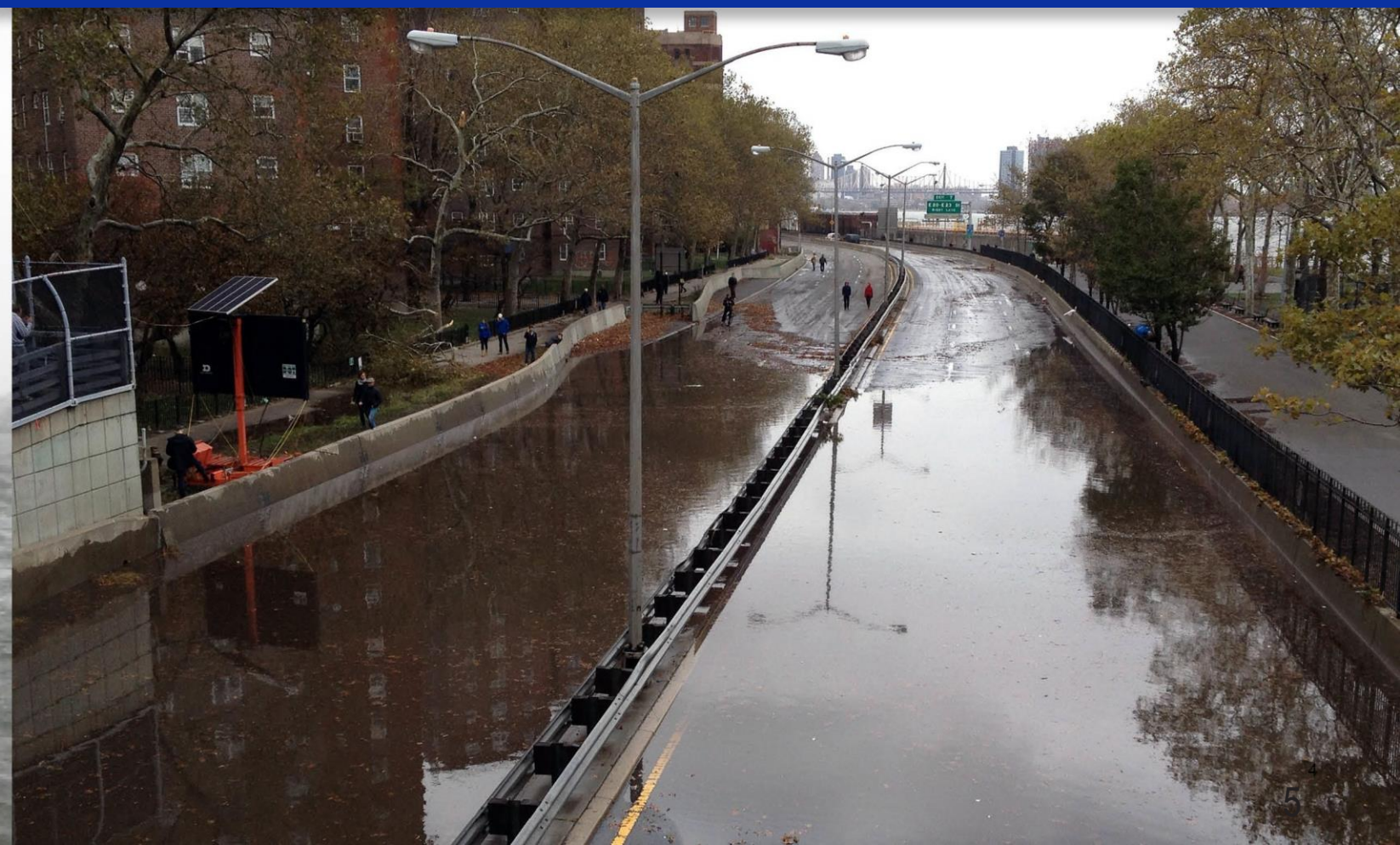


# PROJECT OVERVIEW





**PROVIDE FLOOD PROTECTION**



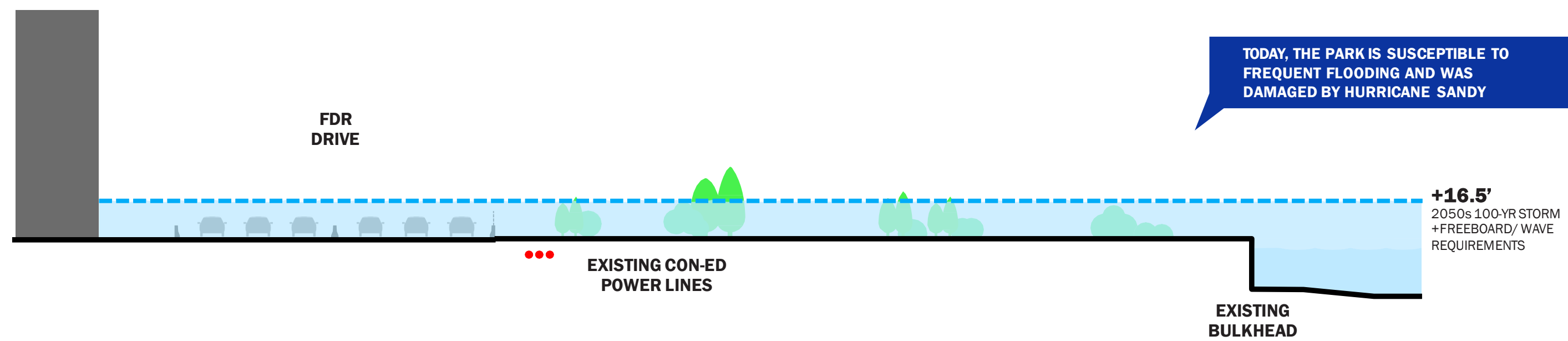


# IMPROVED PARK RESILIENCY

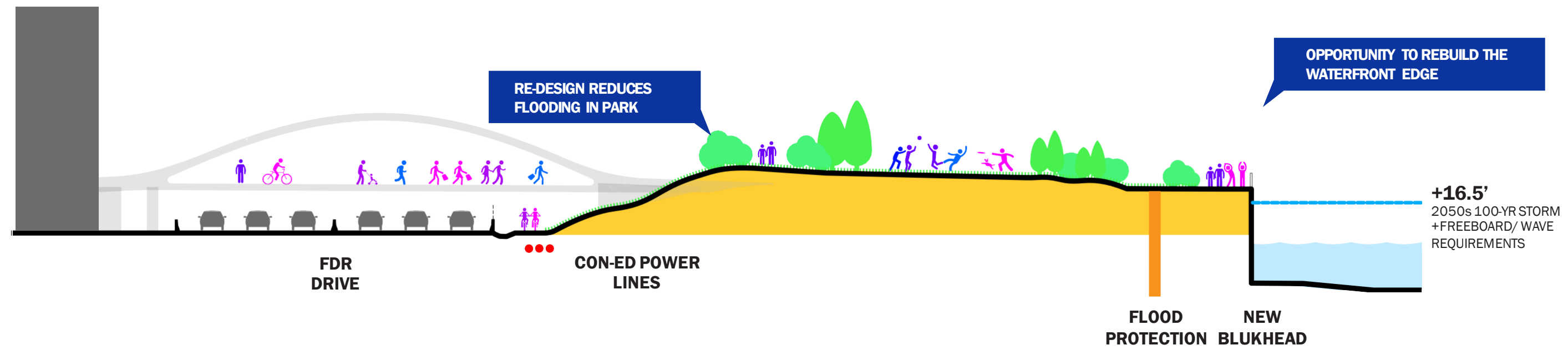
PARK IS ABOVE THE 2050s 100-YEAR FLOODPLAIN



## EXISTING CONDITIONS



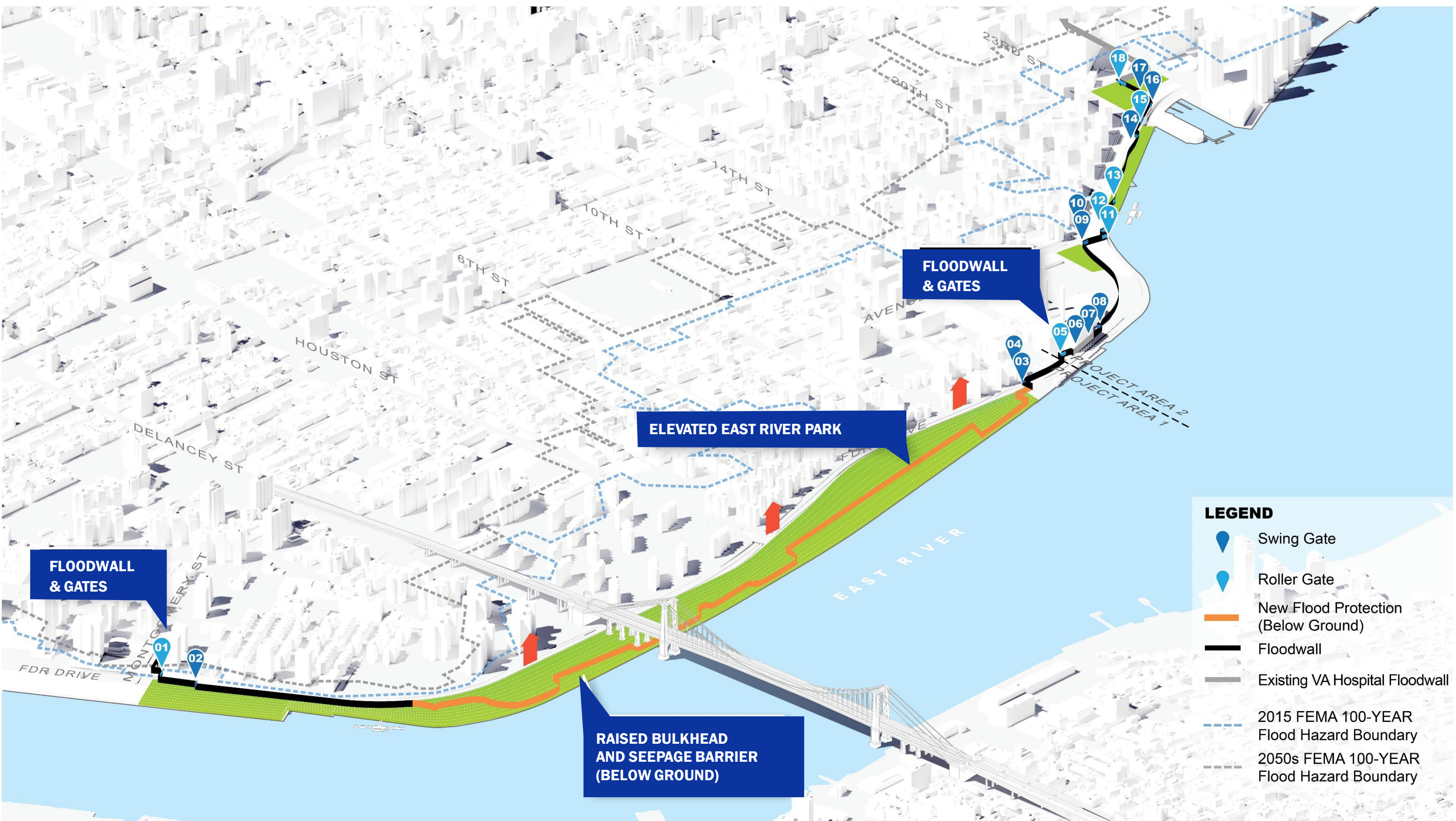
## CURRENT PLAN





# IMPROVED RESILIENCY FOR COMMUNITY

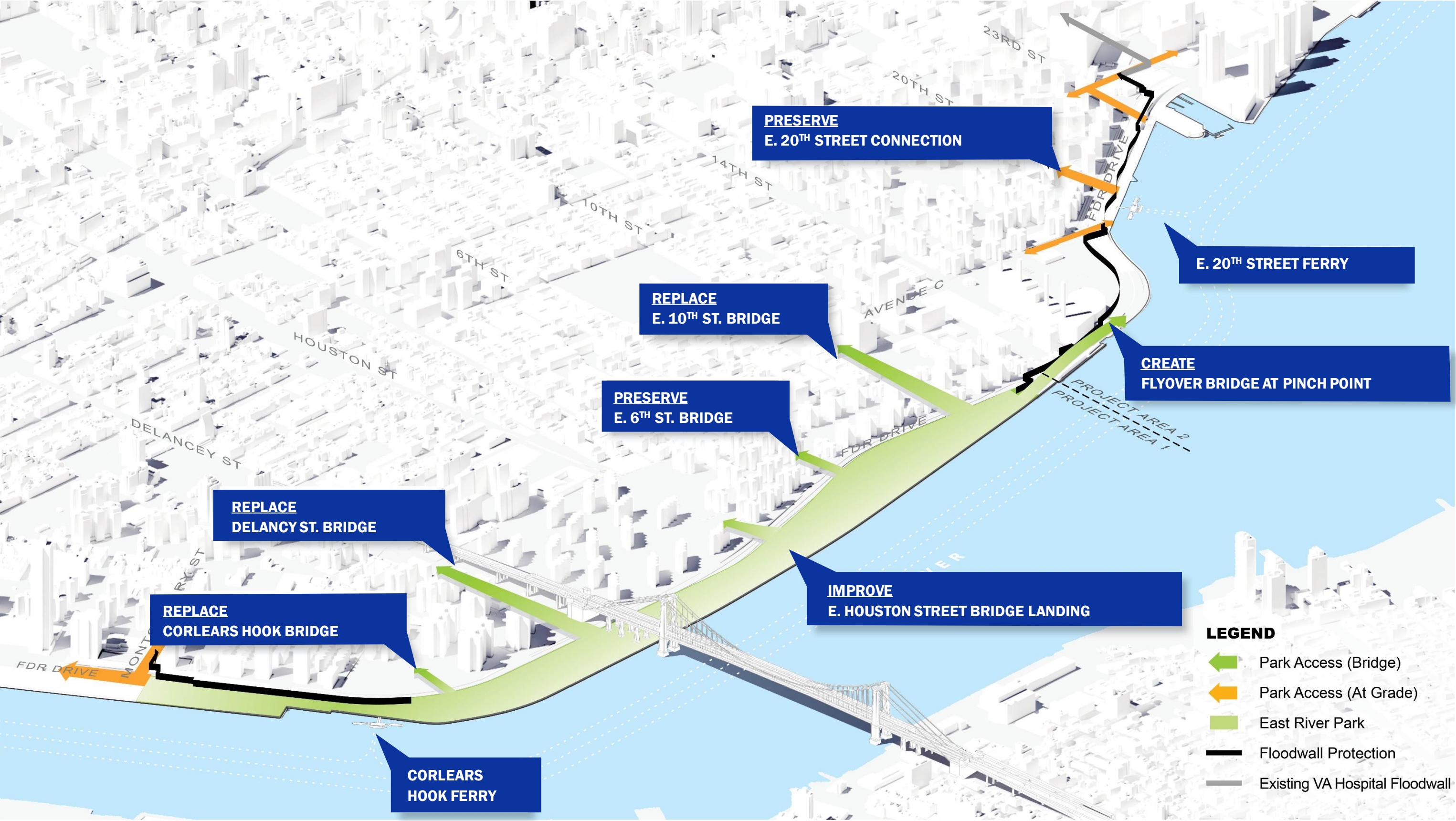
INTEGRATED FLOOD PROTECTION SYSTEM





# IMPROVED WATERFRONT ACCESS

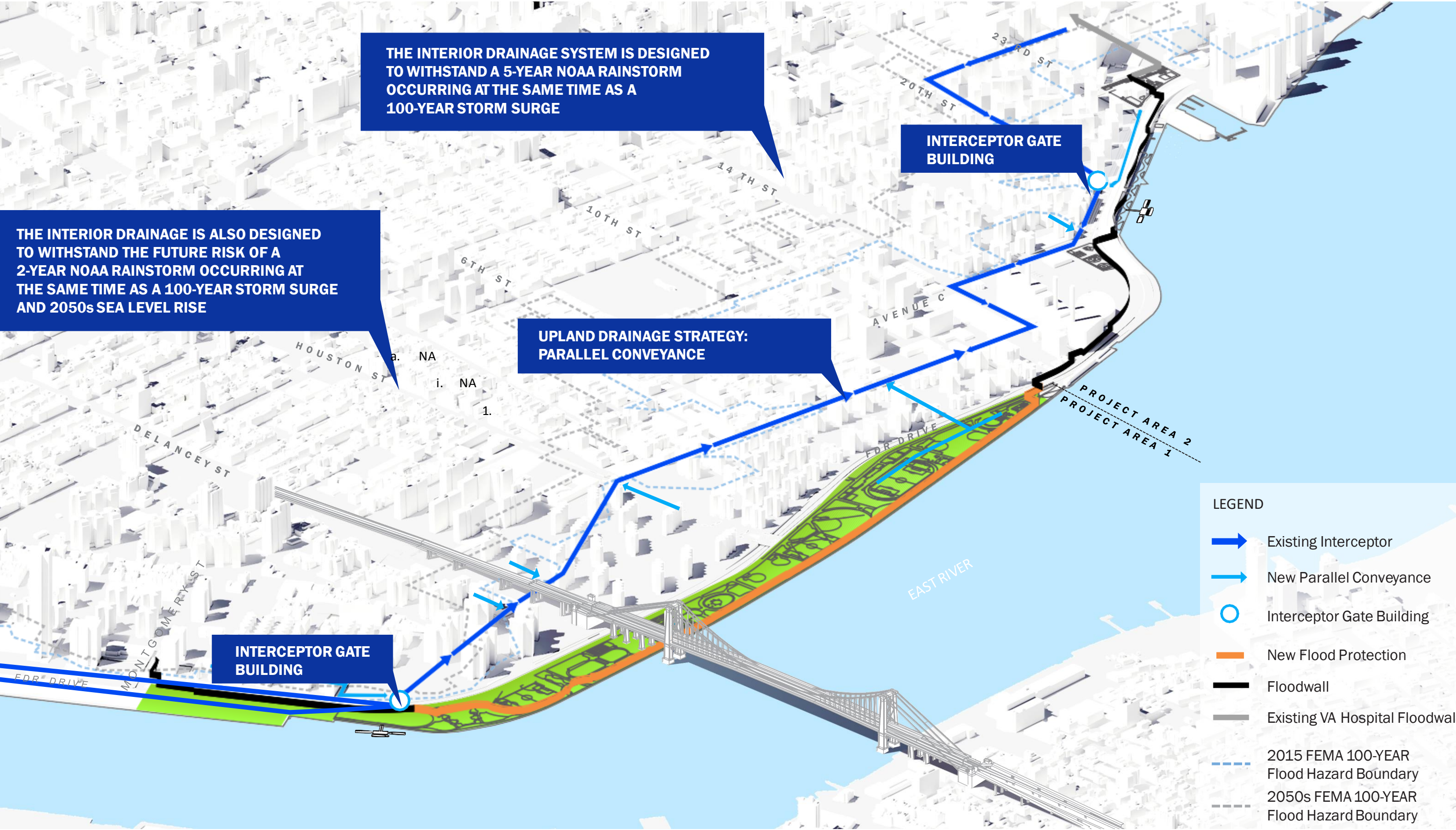
REPLACING, IMPROVING AND CREATING NEW CONNECTIONS





# ENHANCING DRAINAGE INFRASTRUCTURE

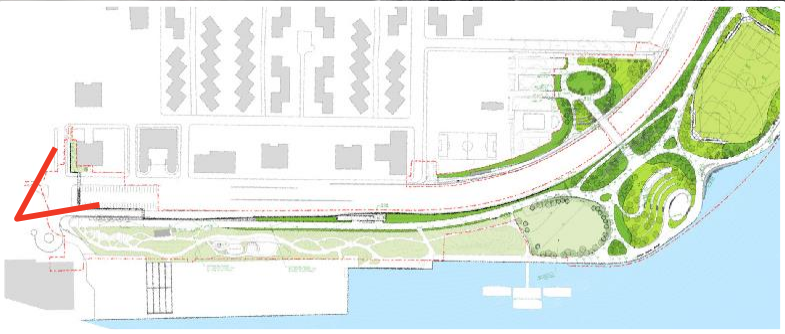
## INTERIOR DRAINAGE SYSTEM COMPONENTS AND DESIGN CRITERIA





# MONTGOMERY STREET

FLOOD GATE IN CLOSED POSITION



FLOOD GATE IN  
CLOSED POSITION



# DELANCEY STREET BRIDGE

DESIGN PERSPECTIVE



**PROJECT AREA 1**



# HOUSTON STREET CONNECTION AREA

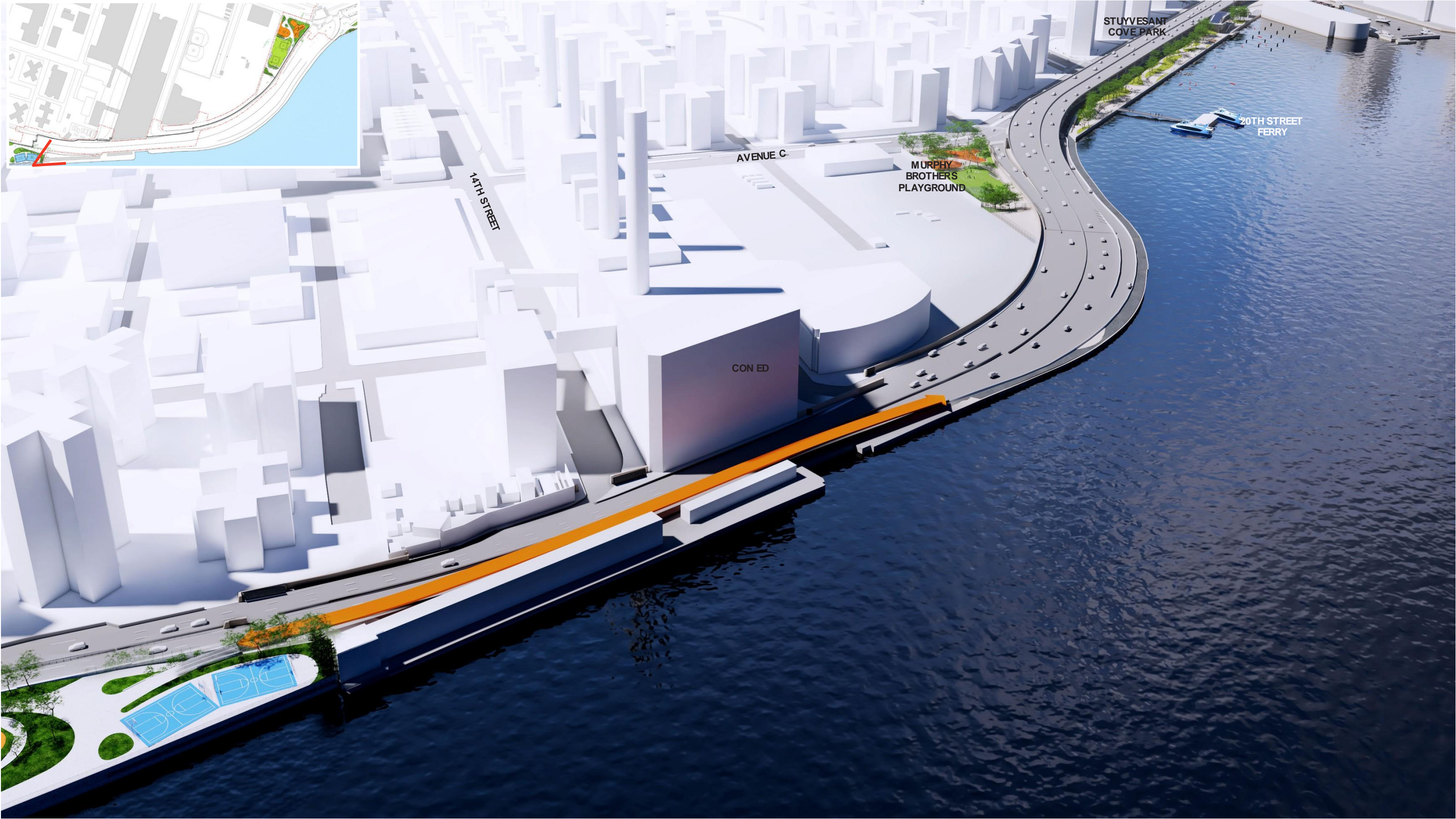
FUTURE CONDITION



**PROJECT AREA 1**



**FLYOVER BRIDGE (SUPER STRUCTURE NOT INCLUDED IN THIS CONTRACT)**  
FUTURE CONDITION





# MURPHY BROTHERS PARK, STUYVESENT COVE PARK AND ASSER LEVY PARK

FUTURE CONDITION

NYC  
DDC



PROJECT AREA 2



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# CONSTRUCTION CONTRACT PACKAGES

1. EARLY PACKAGES (EP)
2. PROJECT AREA 2 (PA2)  
CONSTRUCTION PHASING FOR PA2
3. PROJECT AREA 1 (PA1)  
CONSTRUCTION PHASING FOR PA1
4. UPLAND DRAINAGE (PC)

***PACKAGES TO BE ADVERTISED  
IN THE ORDER SHOWN***



# CONSTRUCTION PACKAGES OVERVIEW



Early Package

Project Area 2

Project Area 1

Upland Drainage



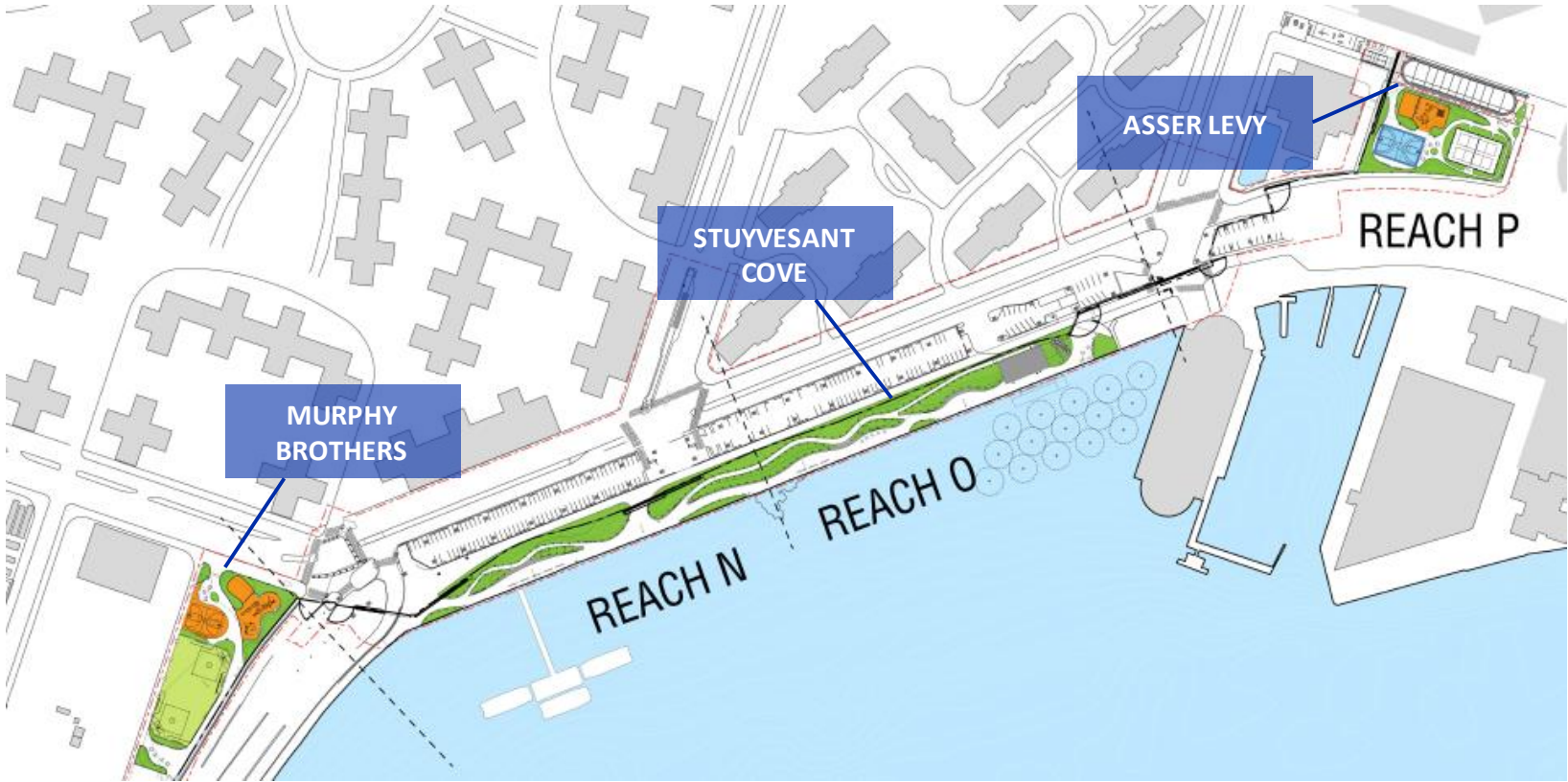
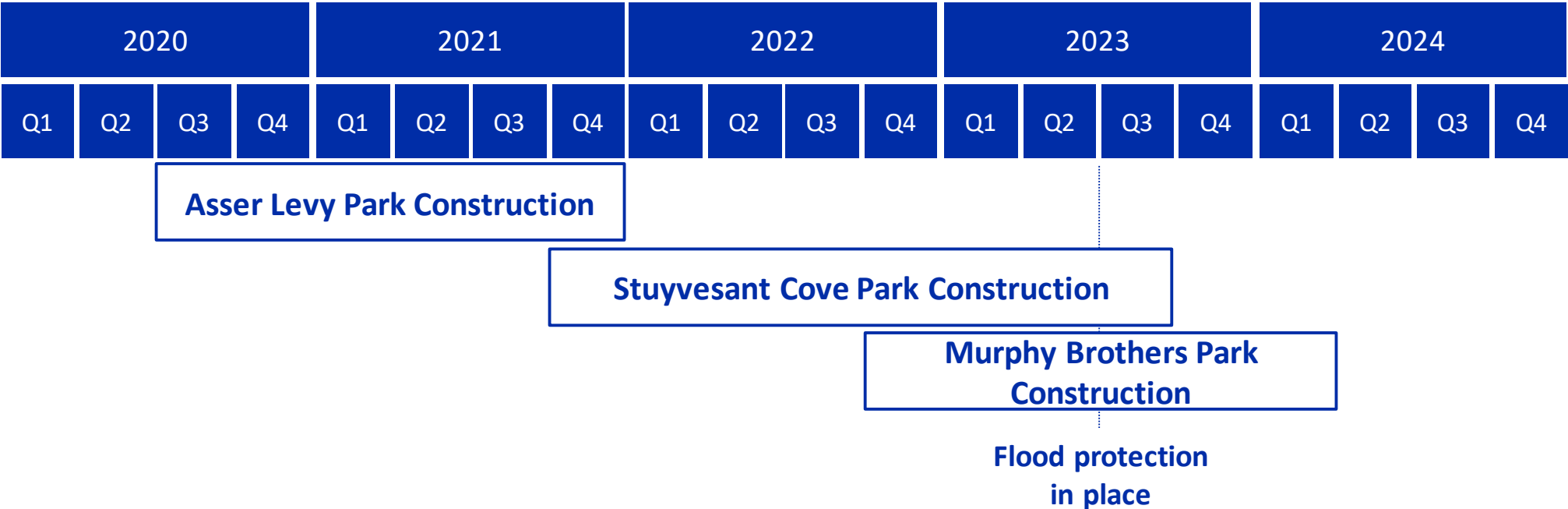
# EARLY PACKAGE (EP)





# PROJECT AREA 2 (PA2)

## CONSTRUCTION PHASING





# PROJECT AREA 1 (PA1)

## EAST RIVER PARK





# PROJECT AREA 1 (PA1)

## CONSTRUCTABILITY CONSIDERATIONS

### East River Park Construction Phasing Drivers

- Location of underground sewer infrastructure
- Fill settling time required
- Pedestrian and construction vehicle access
- Constructing temporary pathways, drainage, etc.

### Key Goals for Phasing

- Complete flood protection structures by mid-2023
- Maximize public access to open space during construction



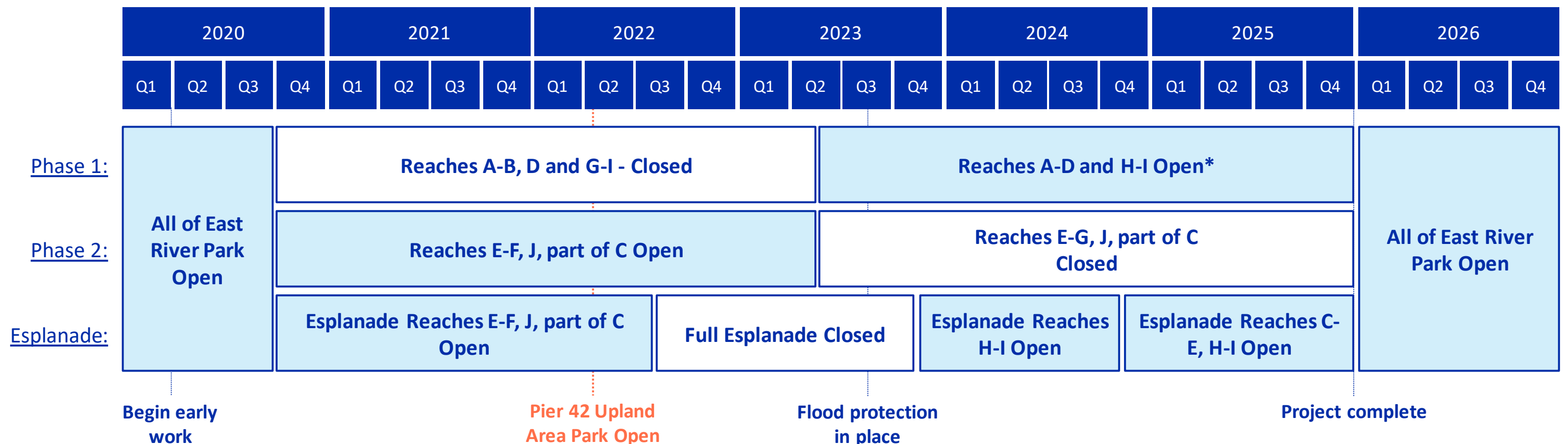


# PROJECT AREA 1 (PA1) CONSTRUCTION PHASING



## Summary

- East River Park stays open for summer 2020, with some early construction packages beginning in March 2020
- 3/5 of East River Park will close in Fall 2020, while 2/5 remains open through summer 2022
- East River Park is never closed in its entirety (compared to 3.5 full years in baseline option)
- Esplanade is only fully closed for 1 year (compared to 3.5 full years in baseline option)
- 1/2 of East River Park will reopen in summer 2023
- Flood protection is completed in mid-2023, project completed at end of 2025



**Note:** Phasing analysis underway for other project components but are expected to fit within East River Park durations in all cases.

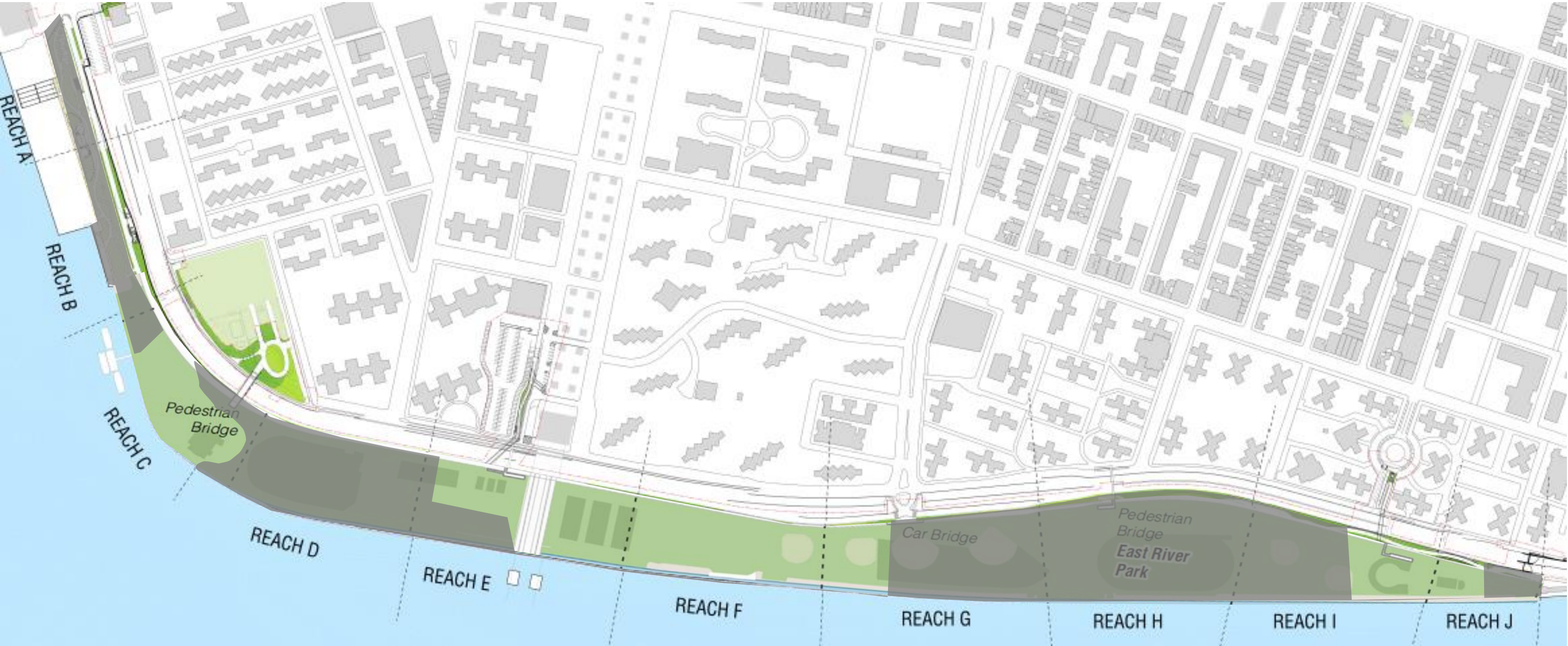
\*Construction in the Houston Street Area (Reach G) continues until end of 2025. Within reopened reaches, esplanade to be closed to facilitate access and staging, and some landscaping components will remain to be completed in passive recreational areas.



# PROJECT AREA 1 (PA1)

## CONSTRUCTION PHASING

### Summer 2021



Closed  
Portions

East River Park Open Area: 42%



# PROJECT AREA 1 (PA1)

## CONSTRUCTION PHASING

### Summer 2023



Closed  
Portions

East River Park Open Area: 53%



# PROJECT AREA 1 (PA1)

## CONSTRUCTION PHASING

### Summer 2024



Closed  
Portions

East River Park Open Area: 55%



# PROJECT AREA 1 (PA1)

## CONSTRUCTION PHASING

### Summer 2025



Closed  
Portions

East River Park Open Area: 56%



# PROJECT AREA 1 (PA1)

## CONSTRUCTION PHASING

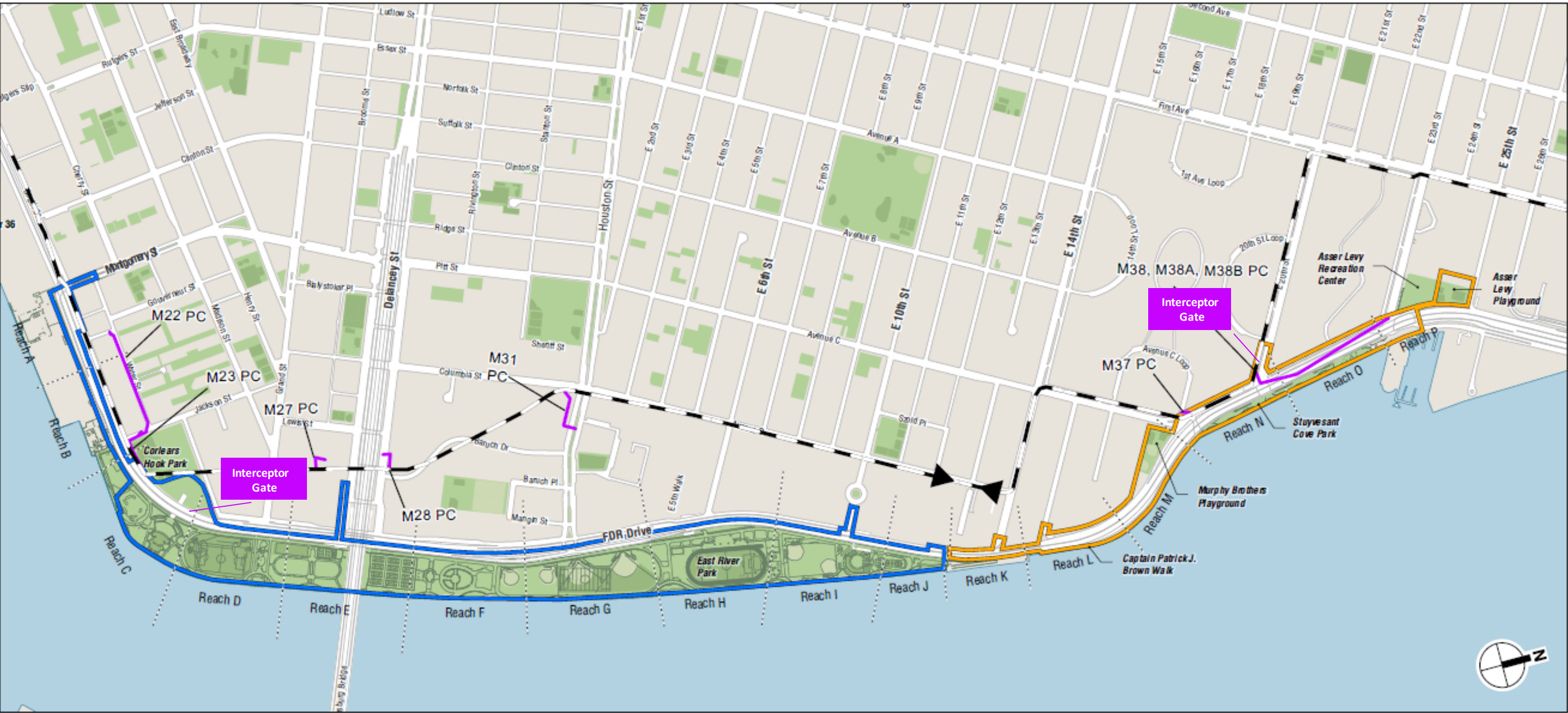
End of 2025



East River Park Open Area: 100%



# UPLAND DRAINAGE (PC)



Upland Drainage





# PRE-QUALIFICATION AND REQUIREMENTS



# Pre-Qualification



## Project Area 1 (PA1)

PQL of the East Side Coastal Resiliency Project (ESCR) will be the only package issued for bid via a prequalified list of contractors. All other packages will be for Public Bid.

The PQL application requests the following documentation from contractors:

- Special Work Experience Requirements
- Financial documentation requirements relating to the applicant's financial capability, responsibility and reliability
- Safety Questionnaire
- Employment Questionnaire
- Business Integrity Questionnaire
- PASSPort registration

All applications will be evaluated and reviewed by DDC personnel.

This project is partly funded by the U.S. Department of Housing and Urban Development Community Development Block Grant Disaster Relief (CDBG-DR) Program and all contractors are subject to the requirements of the CDBG-DR Program. The CDBG-DR Riders are included in the PQL application.



# ESCR PQL - Special Work Experience Requirements

The Applicant for this PQL must have successfully completed at least two (2) projects with a net value of \$400 million involving specialty work for the past consecutive ten (10) years prior to submission of this application.

## Specialty Work Includes:

1. Flood wall and flood gate construction
2. Combined sewer structure (regulator, manhole, tide gate) reconstruction
3. Marine construction
4. Heavy movable mechanisms (Roller flood gates)
5. Prefabricated pedestrian bridge construction and installation
6. Soil contamination remediation
7. Ground improvement
8. Archaeological investigation work
9. Large-scale landscape construction
10. Natural and synthetic turf sports field construction
11. Specialty athletic surfacing, including
12. Irrigation system installation
13. Concrete flatwork, including exposed aggregate specialty work
14. Stone masonry
15. Architectural precast concrete
16. Architectural metal work
17. Playground construction
18. Park building construction including all standard building trades



# ESCR PQL - FINANCIAL REQUIREMENTS

Each Applicant must demonstrate at least \$1 billion in annual gross revenue for the prior fiscal year resulting from construction and specialty engineering work.

If the Applicant is submitting as a joint venture, documentation must be submitted for each partner of the joint venture, demonstrating combined financial capability, responsibility and reliability.



# MINORITY/WOMEN-OWNED BUSINESS ENTERPRISE (M/WBE) PROGRAM



Anticipated M/WBE Participation: 30%

M/WBE Utilization can be achieved by:

1. M/WBE Prime
2. Qualified M/WBE Joint Venture
3. M/WBE Subcontractor(s)

For more information about certified M/WBEs, please visit the Department of Small Business Service (SBS) website at : [www.nyc.gov/sbs](http://www.nyc.gov/sbs)



# PQL Timeline

The ESCR Pre-Qualified List needs at least five (5) approved vendors to become certified.

Pre-qualification takes 30 days if complete packages are submitted and vendors are responsive to any additional questions (can otherwise take up to 90 days)

DDC would like to certify the list by early December 2019 however, additional vendors can be added after certification

ESCR bids will likely begin in November 2019





# BROOKLYN BRIDGE – MONTGOMERY COASTAL RESILIENCY



# Lower Manhattan Coastal Resiliency

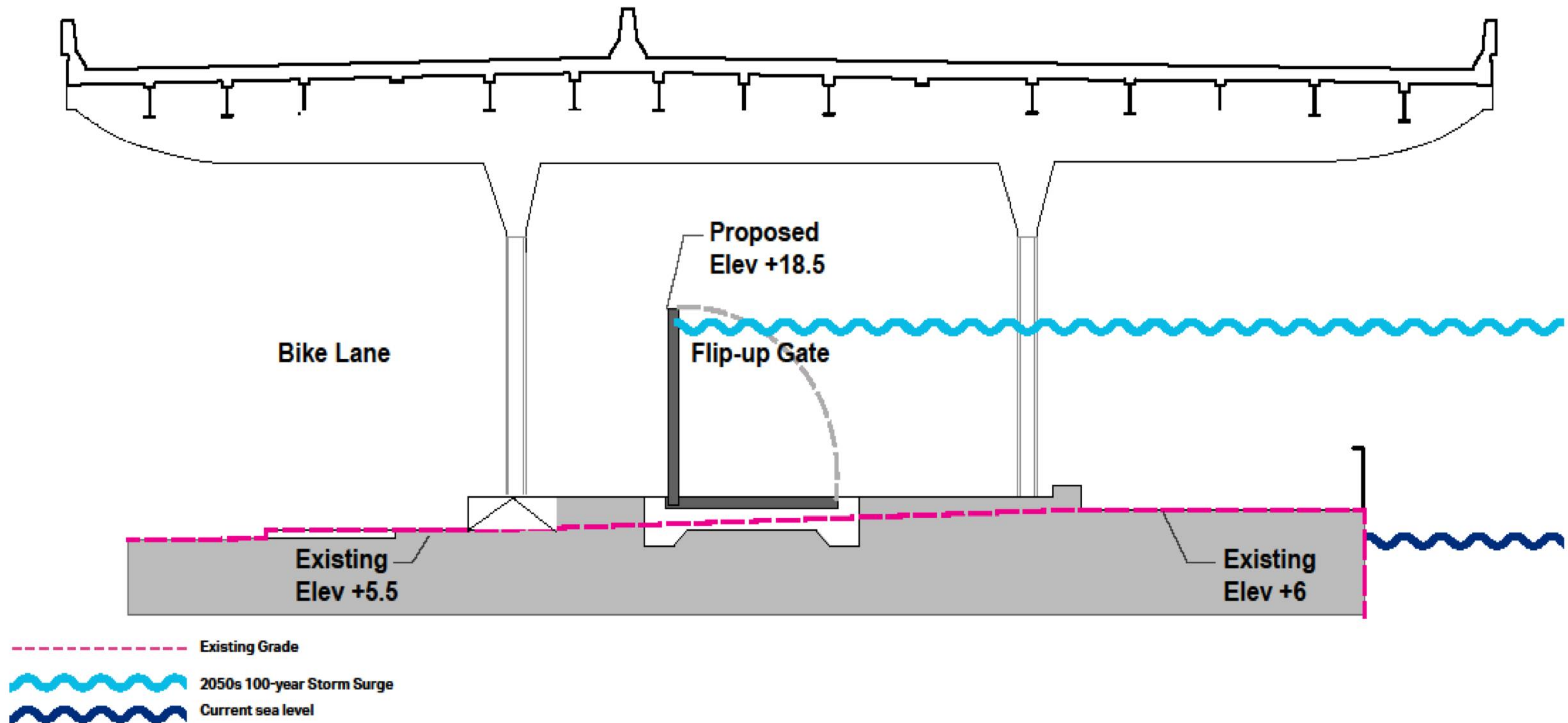
The **BK Bridge-Montgomery Coastal Resiliency (BMCR)** project in the **Two Bridges neighborhood** will reduce flooding while maintaining the community's views and access to the waterfront.





# Design Updates

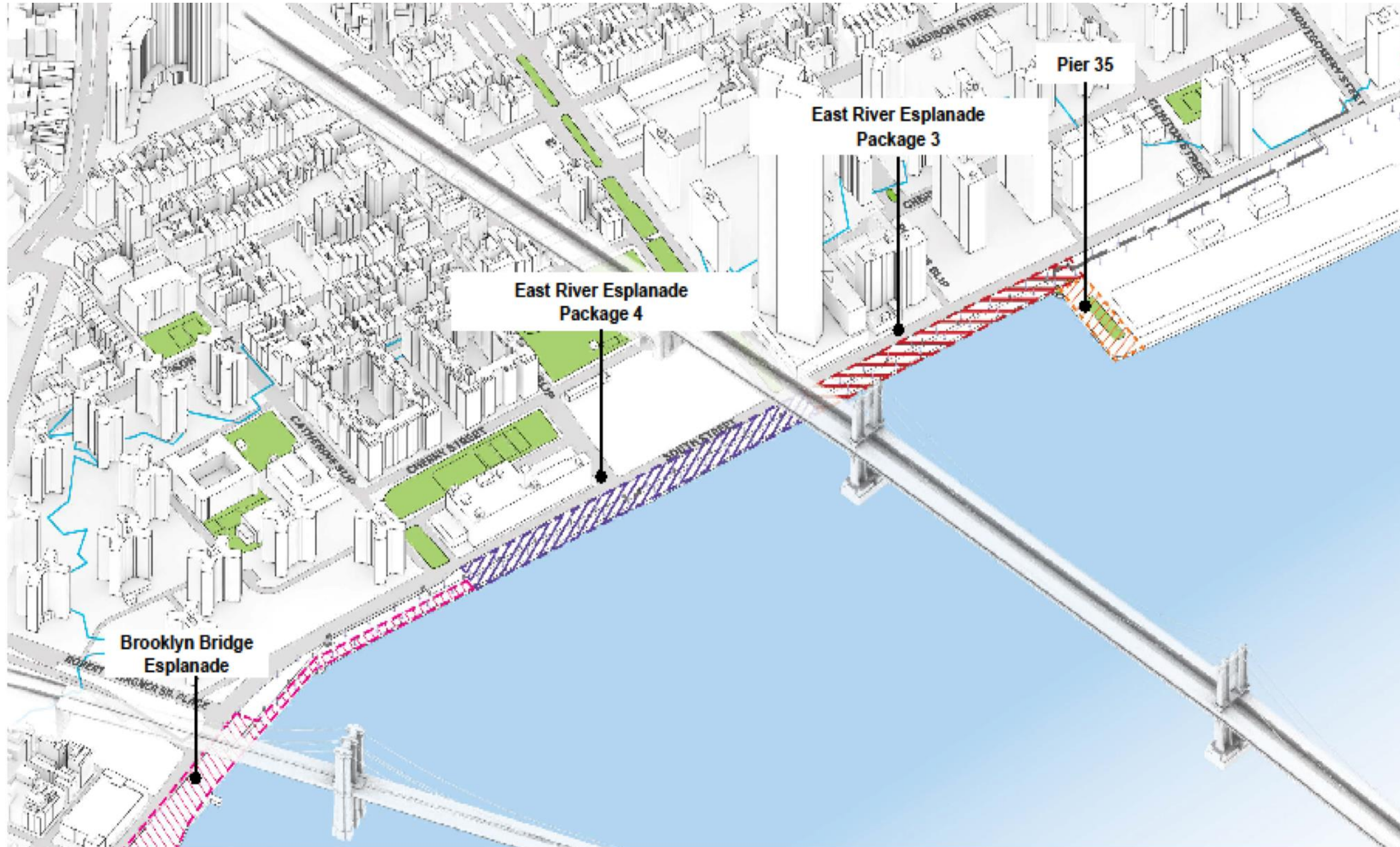
## Deployed Flood Infrastructure





# Design Updates

## Project Coordination







**Managing  
Project Design**



**Bidding  
Fall 2020**



**Department of  
Design and  
Construction**



**Managing Project  
Construction**



# QUESTIONS?





VISIT US

[www.nyc.gov/escr](http://www.nyc.gov/escr)  
Twitter: @NYClimate

NYC

East Side Coastal Resiliency

311

Search all NYC.gov websites

NYC

The East Side Coastal Resiliency Project

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Background

Progress

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**Final Environmental Impact Statement (FEIS) 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

### Partners

