

East Side Coastal Resiliency

Community Board 6
Land Use & Waterfront Committee

433 1st Avenue (NYU School of Dentistry), Room 210

May 28, 2019



PRESENTATION AGENDA

PROJECT OVERVIEW & SCHEDULE

DESIGN REVIEW

ENVIRONMENTAL REVIEW & APPROVALS

An aerial photograph of a city, likely New York City, showing a dense urban landscape with numerous buildings. A large body of water, the Hudson River, is visible on the right side of the image. A prominent bridge, the Triborough Bridge, spans the river. The image is overlaid with a semi-transparent teal gradient. The text "PROJECT OVERVIEW & SCHEDULE" is centered in the image in a bold, white, sans-serif font.

PROJECT OVERVIEW & SCHEDULE

PROJECT GOALS & ORIGIN

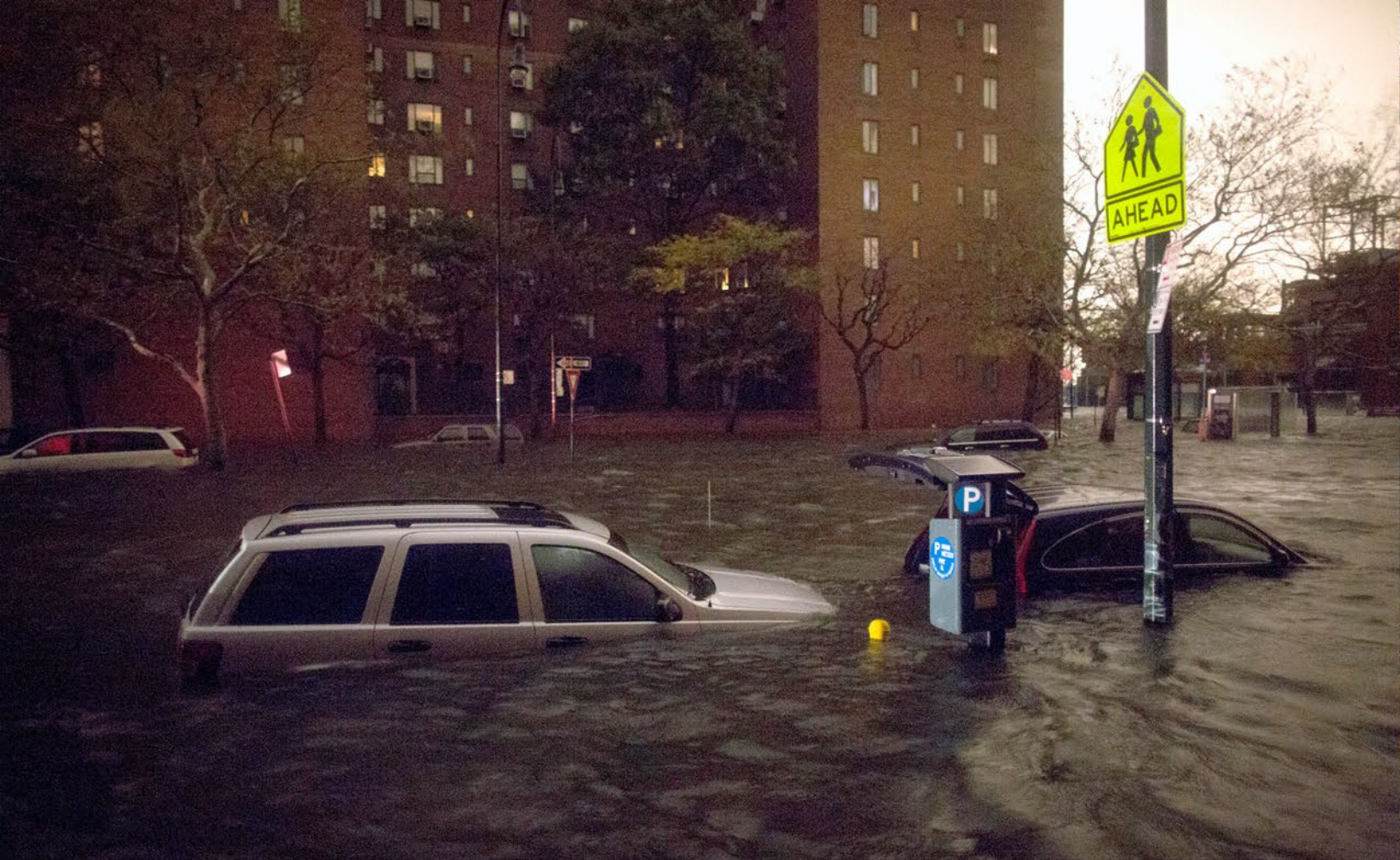
Provide a reliable, integrated flood protection system; minimize use of closure structures.

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



OVERALL PROJECT AREA

PROJECT AREA 1 AND 2



FLOOD PROTECTION

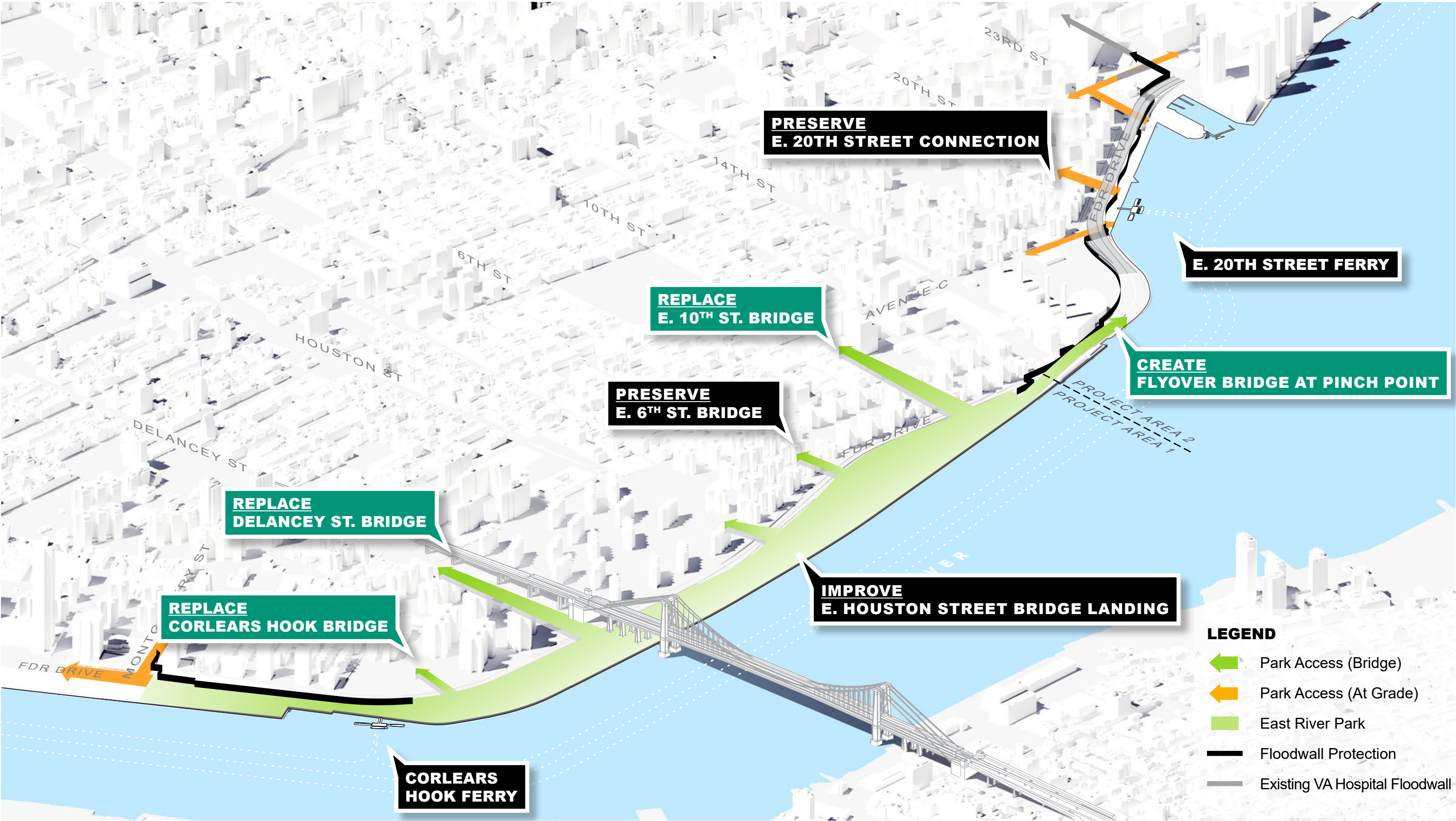
PROJECT AREA 2



-  SWING GATE
-  ROLLER GATE
-  FLOODWALL (ABOVE GRADE)
-  FLOODWALL (BELOW GRADE)

IMPROVED WATERFRONT ACCESS

REPLACING, IMPROVING AND CREATING NEW CONNECTIONS

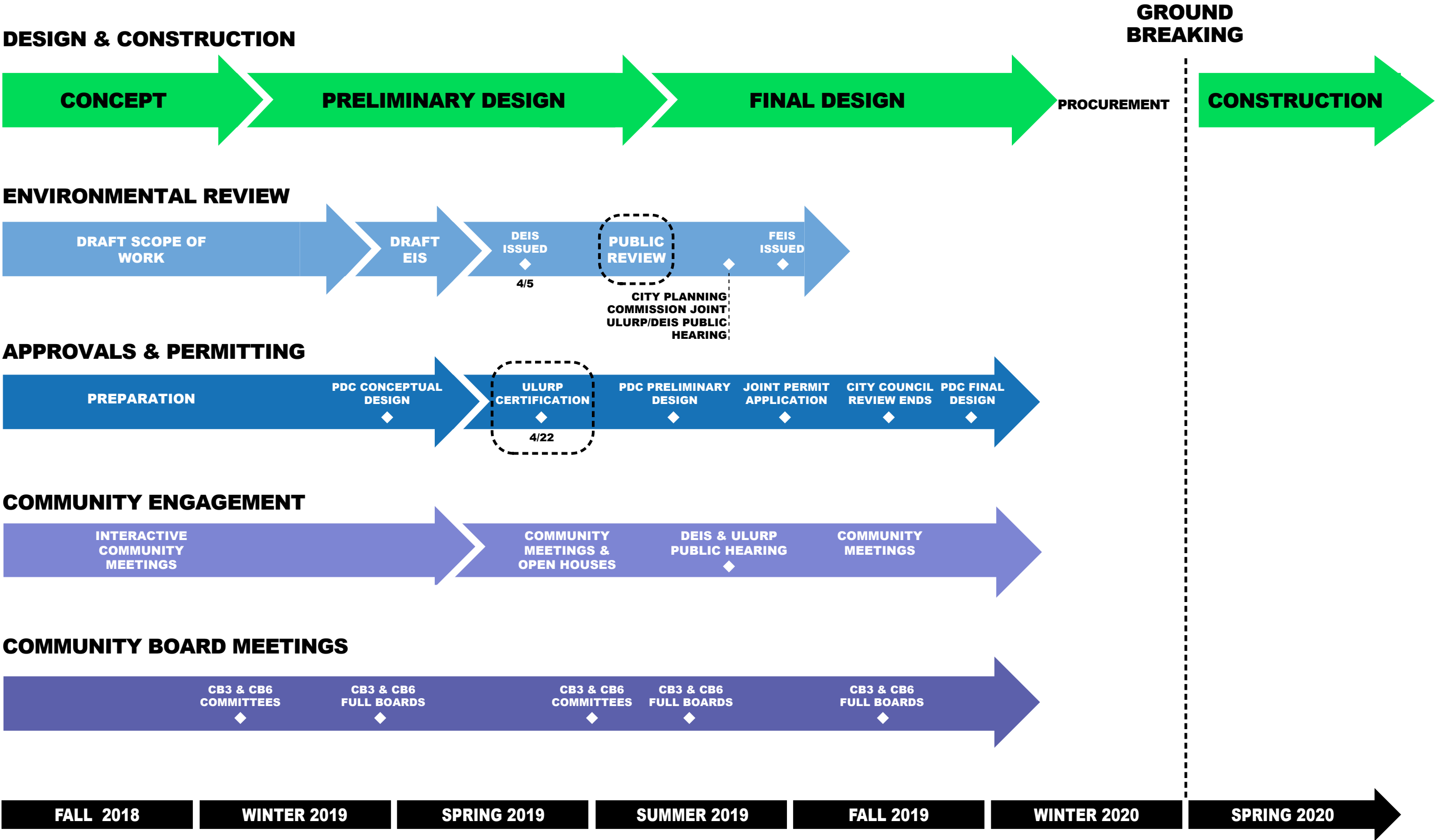


IMPROVED SCHEDULE

OPERABLE SYSTEMS FOR 2023 HURRICANE SEASON



PROJECT SCHEDULE OVERVIEW



STAKEHOLDER & COMMUNITY ENGAGEMENT

MEETINGS TO DATE

STAKEHOLDER

- Peter Stuyvesant Little League
- Waterside Plaza Tenants Association Leadership
- Waterside Plaza Management
- Stuyvesant Town- Peter Cooper Village Tenants Association
- 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
- Large-scale Public Engagement Meetings: Most recent meetings held 12/10/2018; 12/11/2018
- Project Open Houses 05/14/2019 & 05/15/2019
- Various other targeted Stakeholder Meetings
- Public School Athletic League (PSAL)

COMMUNITY BOARD AND COUNCIL MEMBER MEETINGS

- CB6 Land Use/Waterfront Committee
- CB6 Full Board
- CB6 Working Group
- CB3/CB6 Joint Waterfront Task Force
- Council Member Keith Powers
- Council Member Daniel Garodnick

An aerial photograph of a city, likely New York City, showing a dense urban grid, a large river, and a suspension bridge. The image is overlaid with a semi-transparent teal gradient. The text "DESIGN REVIEW" is centered in white, bold, sans-serif capital letters.

DESIGN REVIEW

OVERALL PROJECT AREA

PROJECT AREA 1 AND 2

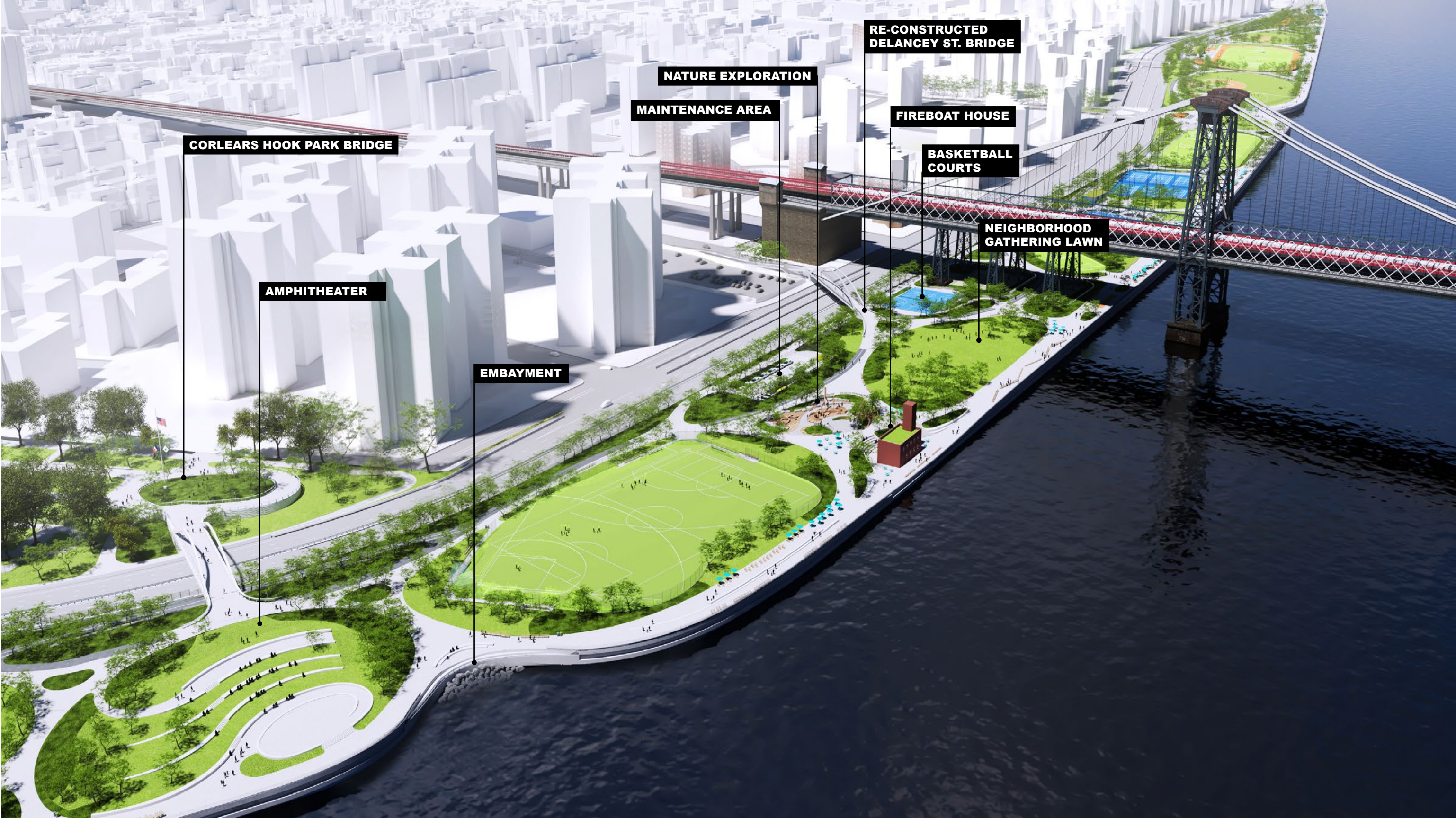


PIER 42 AREA
PRELIMINARY DESIGN



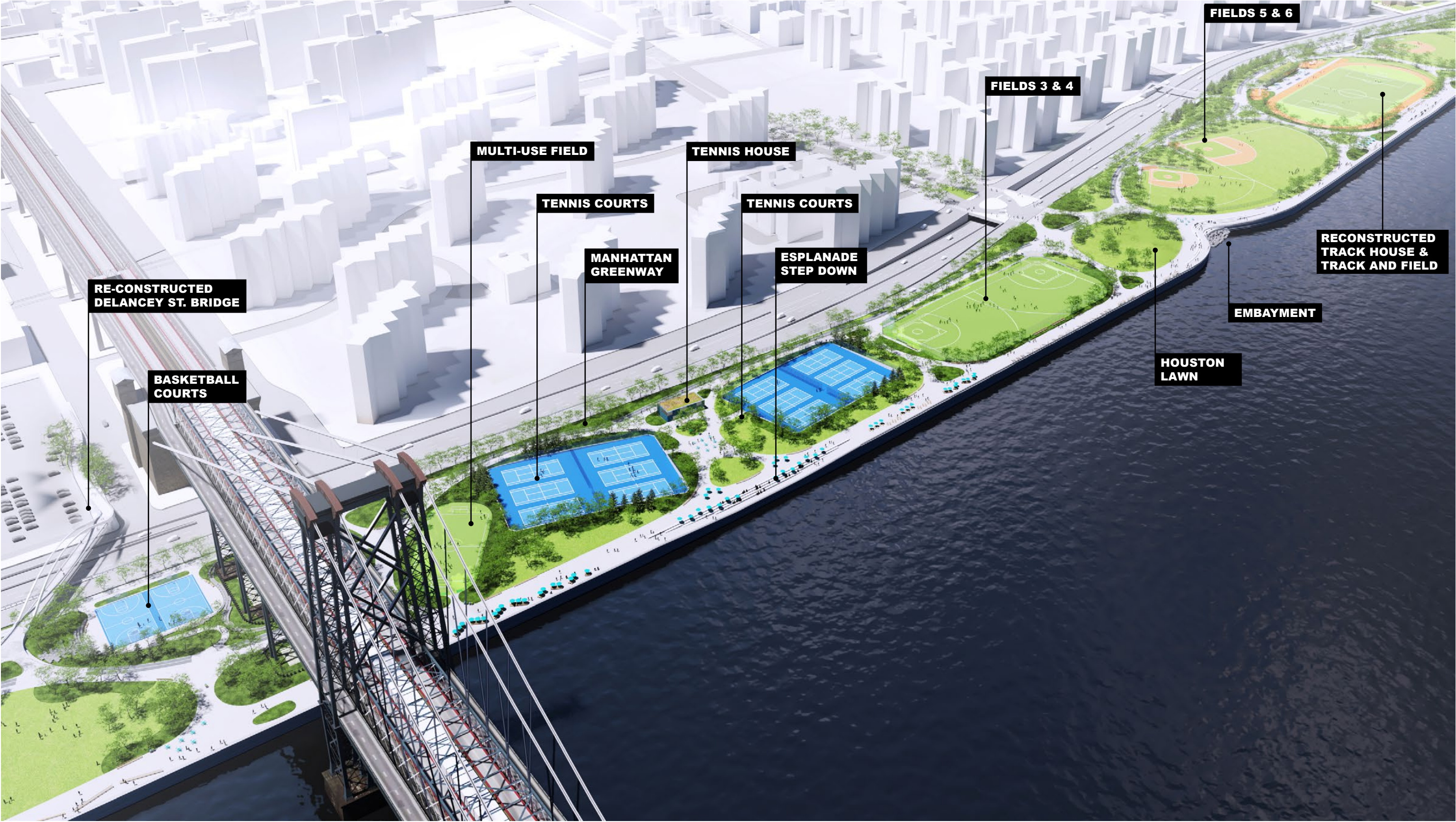
CORLEARS HOOK TO DELANCEY STREET

PRELIMINARY DESIGN



HOUSTON STREET

PRELIMINARY DESIGN



TRACK & EAST 10TH STREET

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



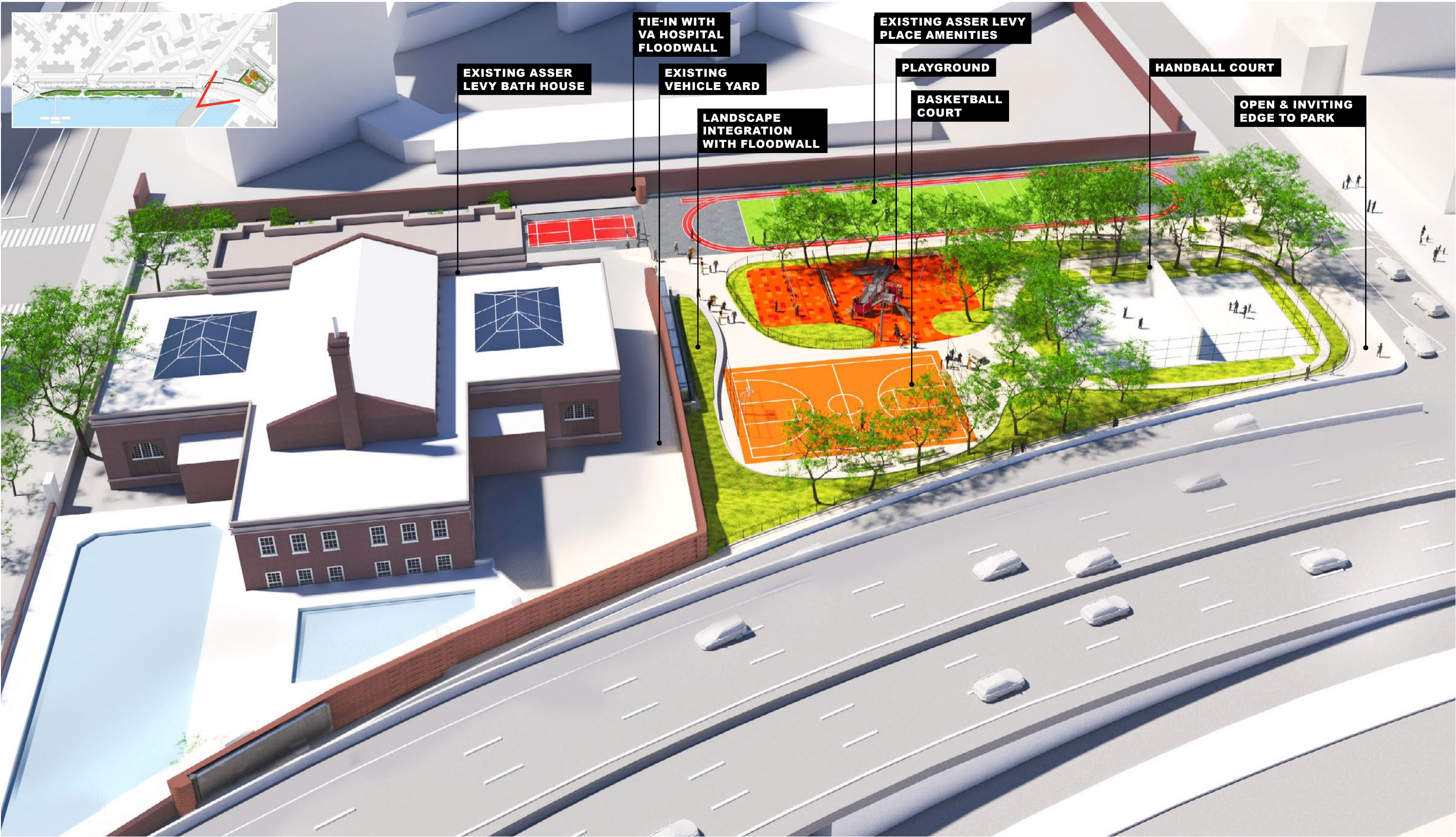
STUYVESANT COVE PARK

20TH STREET PARK GATES



ASSER LEVY PLAYGROUND

PRELIMINARY DESIGN



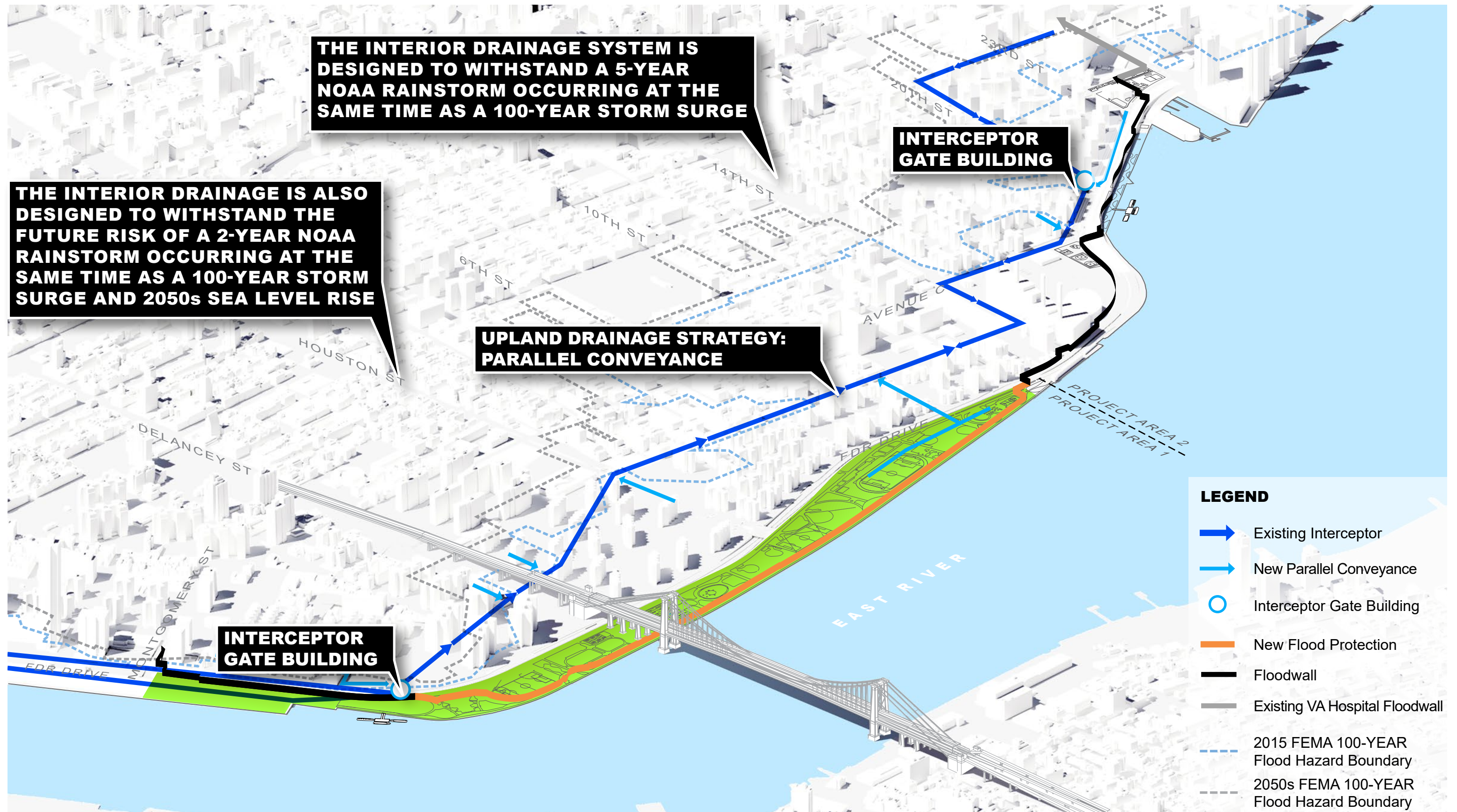
ASSER LEVY PLAYGROUND

PRELIMINARY DESIGN



ENHANCING DRAINAGE INFRASTRUCTURE

INTERIOR DRAINAGE SYSTEM COMPONENTS AND DESIGN CRITERIA



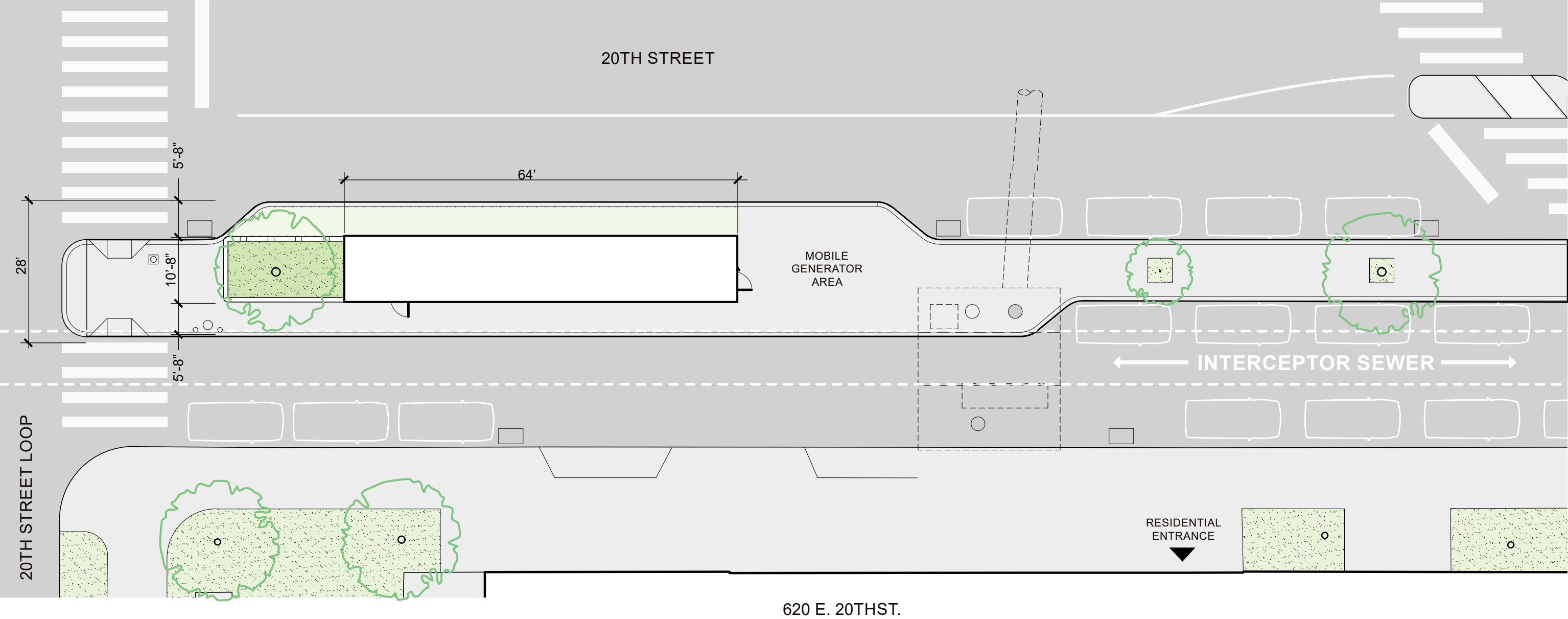
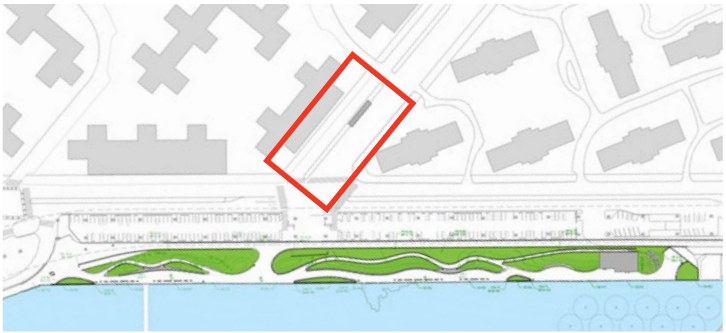
IMPROVED DRAINAGE

NORTH INTERCEPTOR GATE CHAMBER BUILDING



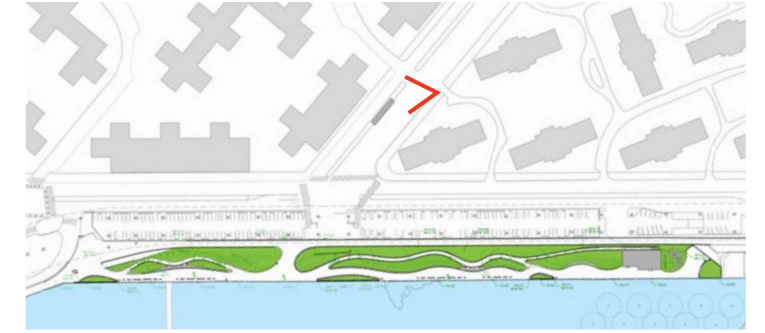
NORTH GATE BUILDING

SITE PLAN



NORTH GATE BUILDING

PERSPECTIVE VIEW FROM NORTH



An aerial photograph of a city, likely New York City, showing a dense urban area with a river and a bridge. The image is overlaid with a teal gradient. The text "ENVIRONMENTAL REVIEW & APPROVALS" is centered in white, bold, sans-serif font.

ENVIRONMENTAL REVIEW & APPROVALS

ENVIRONMENTAL REVIEW STANDARDS

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

OVERVIEW OF 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

ACQUISITION (EASEMENTS):

Project Area One

- Gouverneur Gardens Cooperative
- East River Housing Corporation
- NYCHA (Riis Houses and Baruch Houses)

Project Area Two

- Con Edison – For Operations & Maintenance of the Flood Protection System
 - Con Edison Power Station
 - Con Edison Office and Parking Lot
- VA Medical Center – For Operations & Maintenance of the Flood Protection System
 - VA Hospital
- Captain Patrick J. Brown Walk – For Construction of the Flyover Bridge

A zoning text amendment is necessary to acknowledge compliance of the proposed design with the City's Zoning regulations for a portion of the project area

City Map change (anticipated at a later date) for reconstruction of pedestrian bridges.

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 and Visual Resources (Views)** (Ch. 5.5)
- Natural Resources (Ch. 5.6)
- Hazardous Materials (Ch. 5.7)
- Water and 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 and Cultural Resources (Ch. 6.3)
- Urban Design and Visual Resources (views) (Ch. 6.4)
- Natural Resources (Ch. 6.5)
- Hazardous Materials (Ch. 6.6)
- Water and 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 and Vibration** (Ch. 6.12)
- Public Health (Ch. 6.13)

NYC PARKS ANTICIPATED NEIGHBORHOOD IMPROVEMENTS

INTERIM RECREATION

PARK UPGRADES



SPORTS COATING



RAIN GARDENS



PAINTING



TREE PLANTING



ASPHALT TO TURF



SOLAR FIELD LIGHTS

MORE PROGRAMMING, NEW PARK SPACES



ACCOMMODATING FIELD USERS



LAGUARDIA BATH HOUSE



MORE RECREATIONAL PROGRAMMING



PIER 42 PHASE 1: UPLAND PARK



MORE NEIGHBORHOOD PARK STAFF



PIER 35

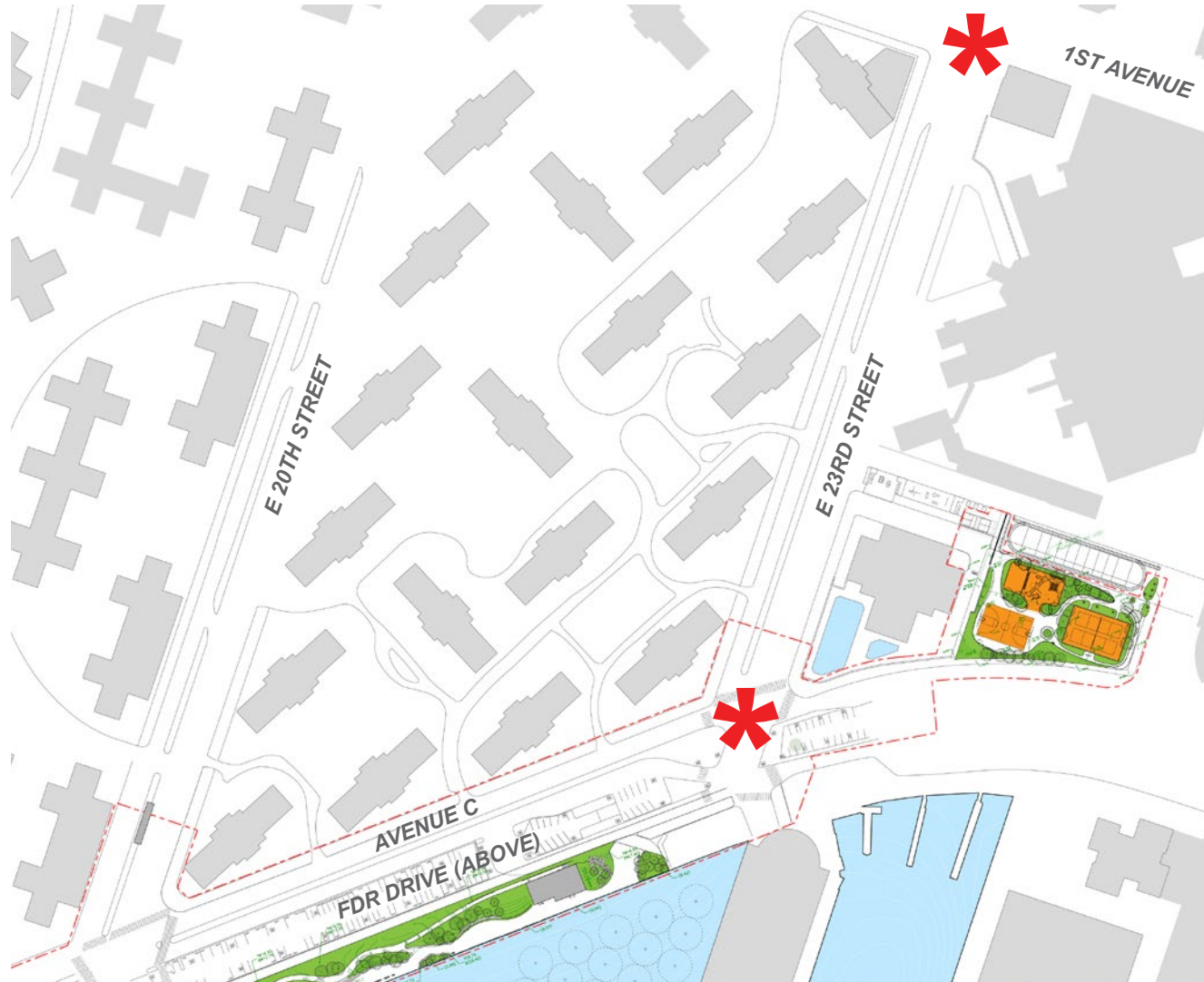
NYC PARKS ANTICIPATED NEIGHBORHOOD IMPROVEMENTS

1. Sports Coating
2. Painting
3. Trees and Rain Gardens
4. Ballfields
 - Increased Lighting
 - Asphalt to Turf
 - Turf improvements
5. Park Staffing
6. Recreational Programming
7. BBQs
8. Tennis
9. Cool Pools: Dry Dock
10. New Spaces:
 - LaGuardia Bathhouse
 - Baruch Bathhouse
 - Pier 42
 - Pier 35
 - Flyover Bridge

DEIS - CONSTRUCTION PERIOD EFFECTS

PROJECT AREA 2 - ANALYSES, ASSUMPTIONS AND RESULTS

TRANSPORTATION



- Traffic impacts during construction identified at the following intersections (and effects could be fully mitigated with signal timing changes):
 - East 23rd Street and First Avenue
 - East 23rd Street and Avenue C
- Maintenance and Protection of Traffic (MPT) Plans are being developed to ensure safety of the public and maintenance of traffic flow during construction

EAST RIVER GREENWAY REROUTING

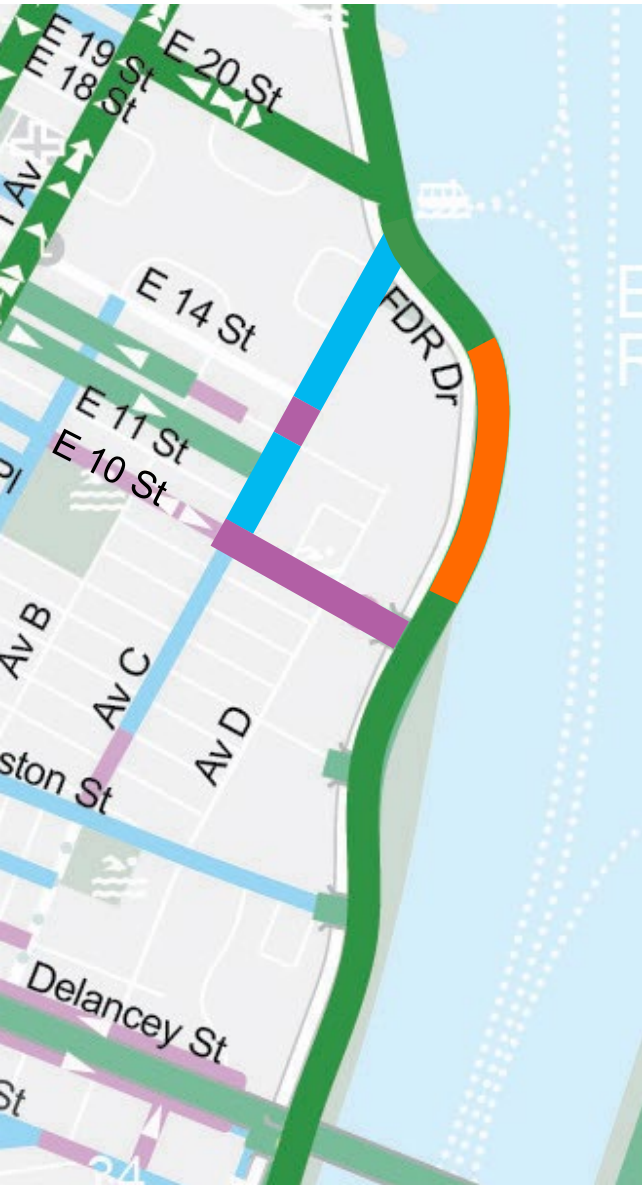
DETOUR ROUTE DURING CONSTRUCTION

DETOUR DURING EAST RIVER PARK CONSTRUCTION



- SIGNS WILL BE INSTALLED AT THE KEY DECISION POINTS IN THE BIKE NETWORK TO INFORM CYCLISTS OF THE CLOSURE
- SIGNS WILL BE INSTALLED ONE BLOCK WEST OF THE GREENWAY TO INFORM PEDESTRIANS OF THE CLOSURE

DETOUR DURING FLYOVER CONSTRUCTION



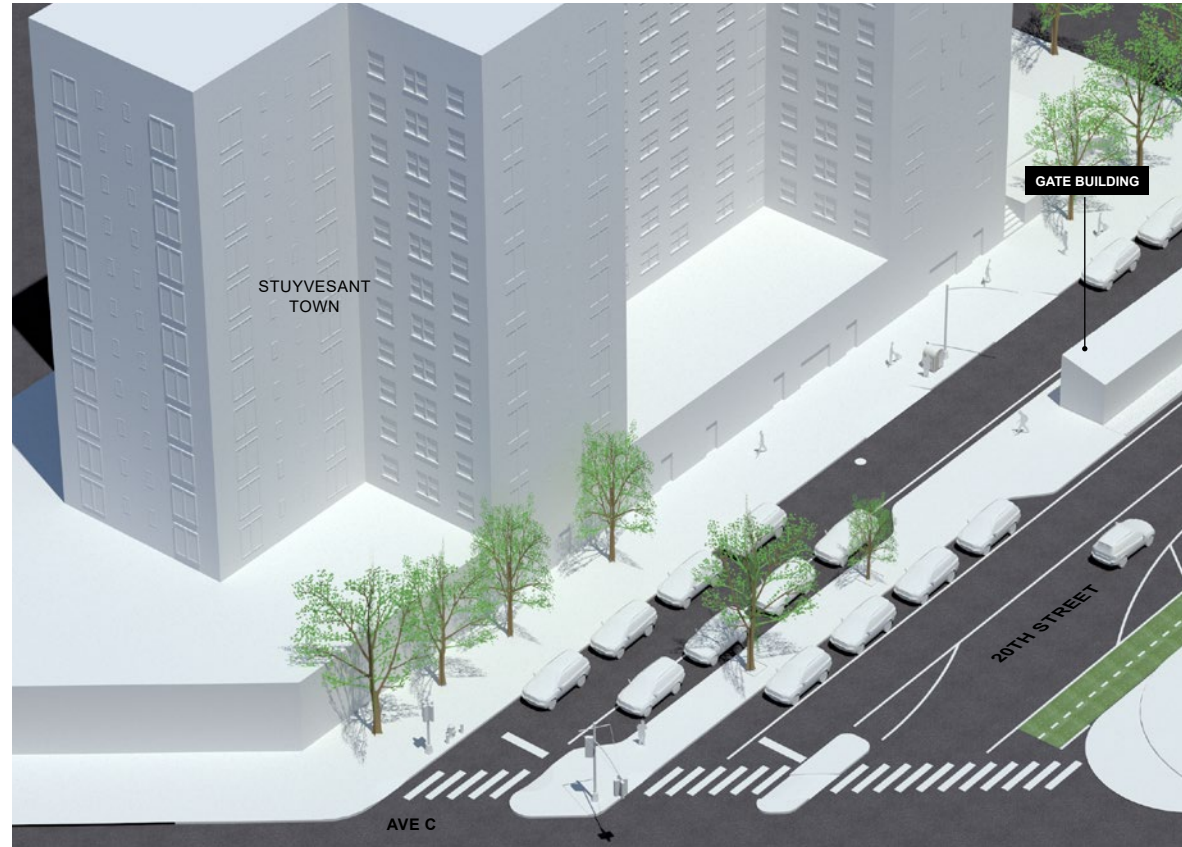
- SIGNS ON AND OFF THE GREENWAY WILL DIRECT CYCLISTS AND PEDESTRIANS TO USE 10TH STREET AVENUE C

- CONSTRUCTION CLOSURES
- CONVENTIONAL BIKE LANE
- PROTECTED BIKE LANE
- SHARED LANE

DEIS - CONSTRUCTION PERIOD EFFECTS

PROJECT AREA 2 - ANALYSES, ASSUMPTIONS AND RESULTS

NORTH INTERCEPTOR GATE CHAMBER AND BUILDING



- 20th Street Gate/Gate House construction is anticipated to last for approximately 1 year
- Approximately 11 parking spaces could be lost on East 20th Street during construction and completion of the Interceptor Gate House
- Potential air emission reduction measures include fugitive dust suppression program and an Air Emission Reduction Program (e.g., fuel and idling restrictions)
- Potential construction noise mitigation measures include specifying use of quieter equipment models or methods, as well as use of noise barriers and equipment enclosures
- Preliminary staging areas include existing parking areas under the FDR Drive and the median on East 20th Street

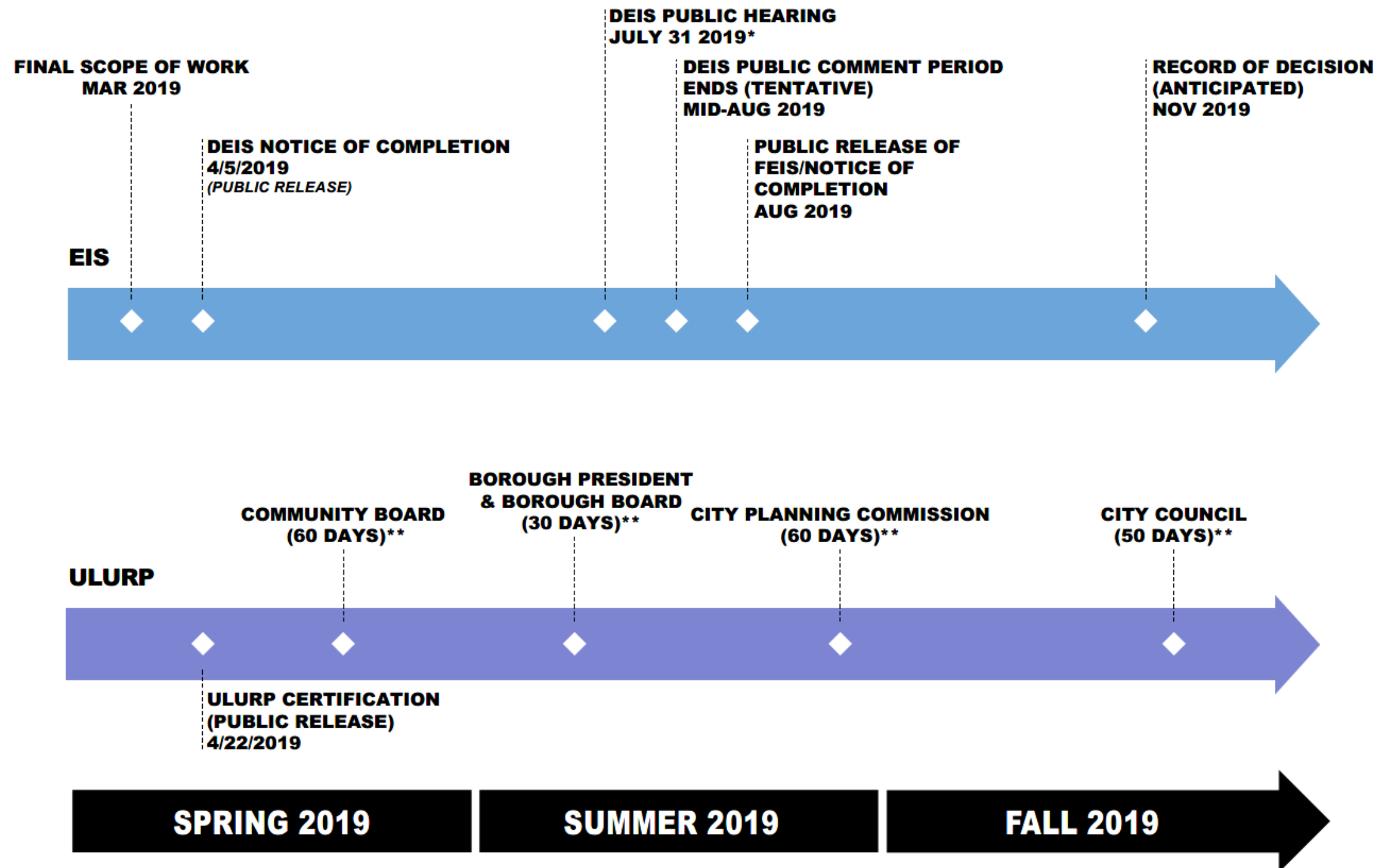
NIGHT WORK CONSTRUCTION



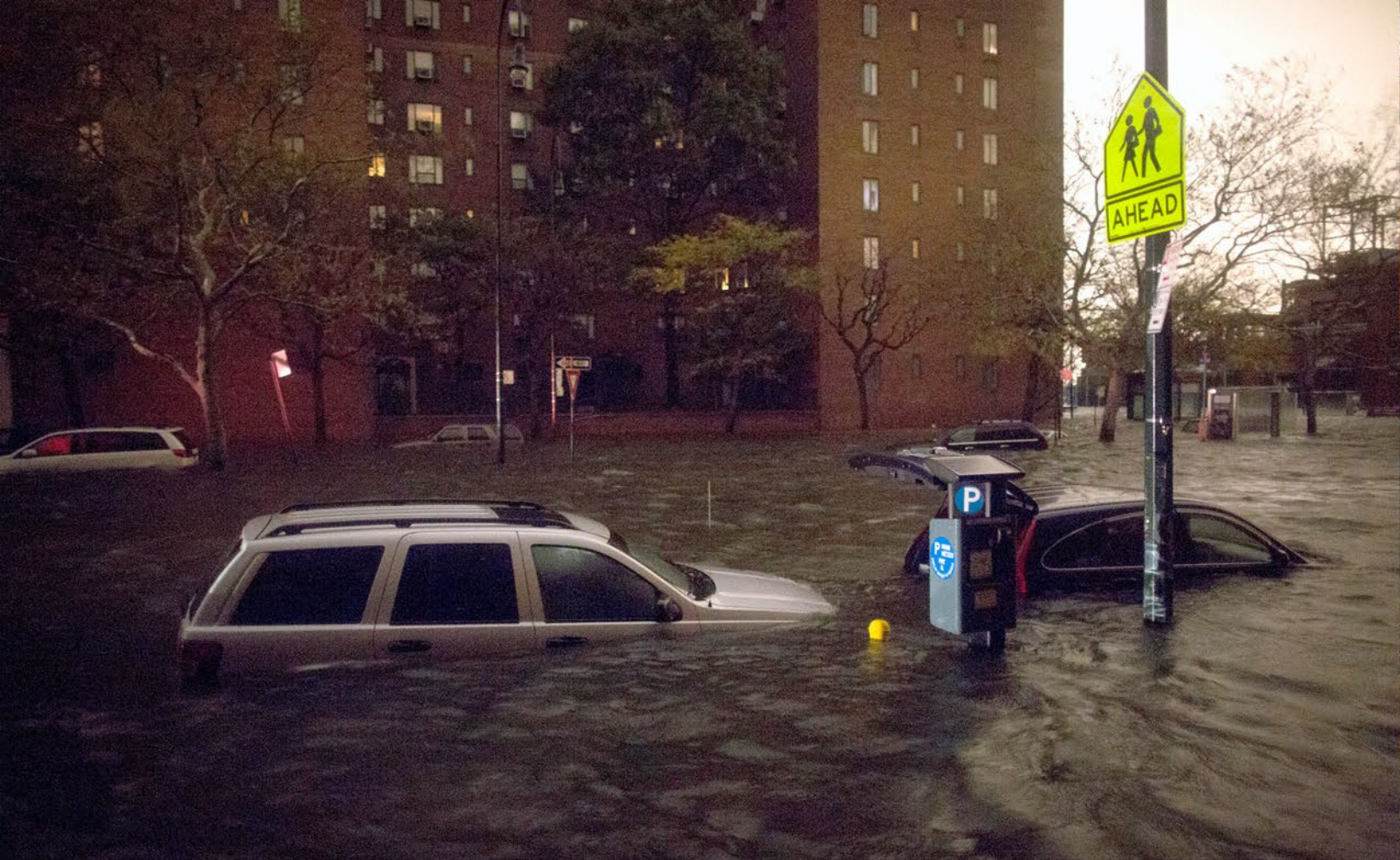
- Project Area One
- Project Area Two
- Potential Locations of Night Work
- Ferry Service Locations

NOTE: PRELIMINARY/IN-PROCESS AND SUBJECT TO CHANGE

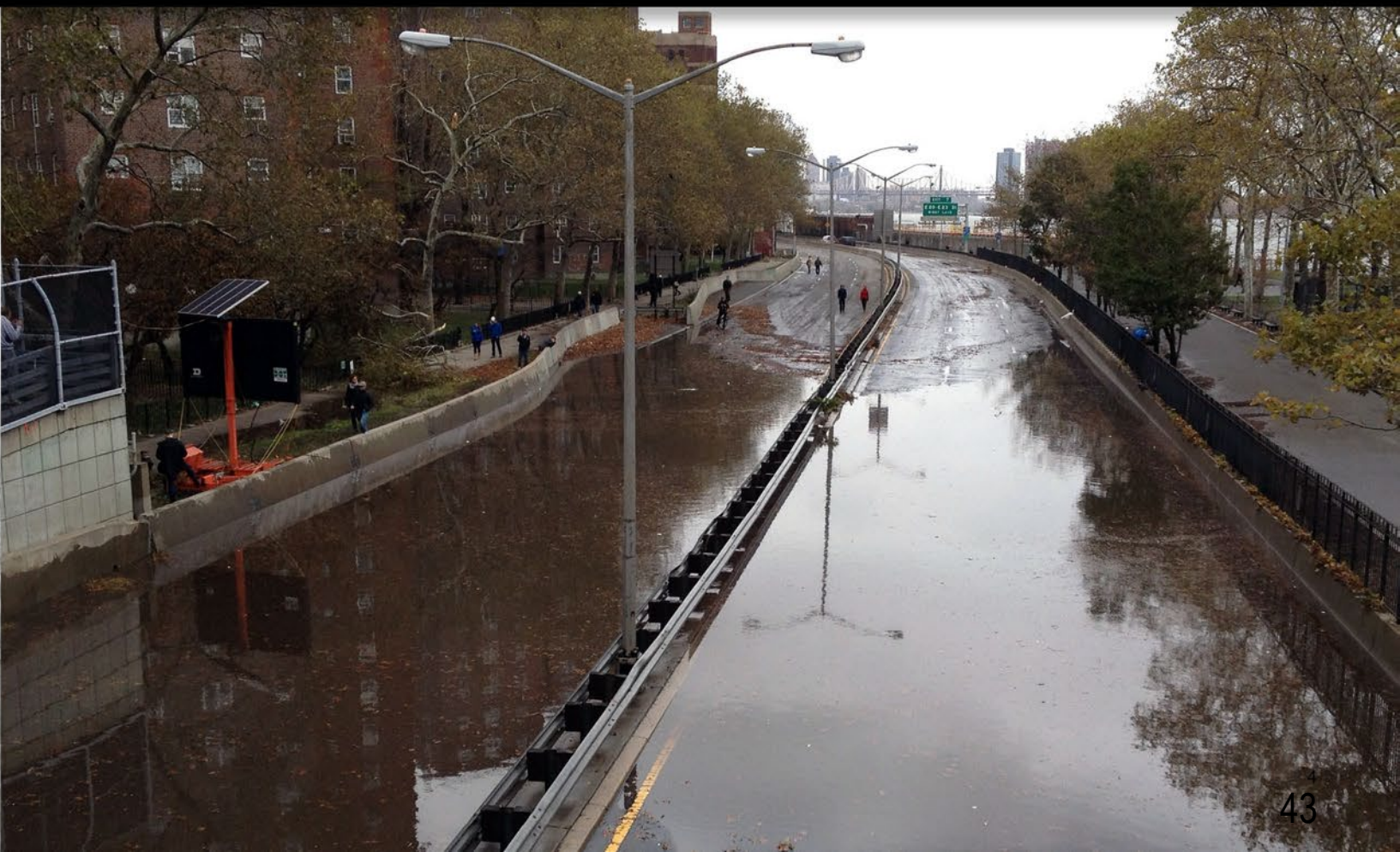
NEXT STEPS: PUBLIC INPUT TO THE EIS/ULURP PROCESSES



* DEIS COMMENT PERIOD EXTENDS 15 DAYS AFTER PUBLIC HEARING
** INCLUDES PUBLIC HEARING



PROVIDE FLOOD PROTECTION





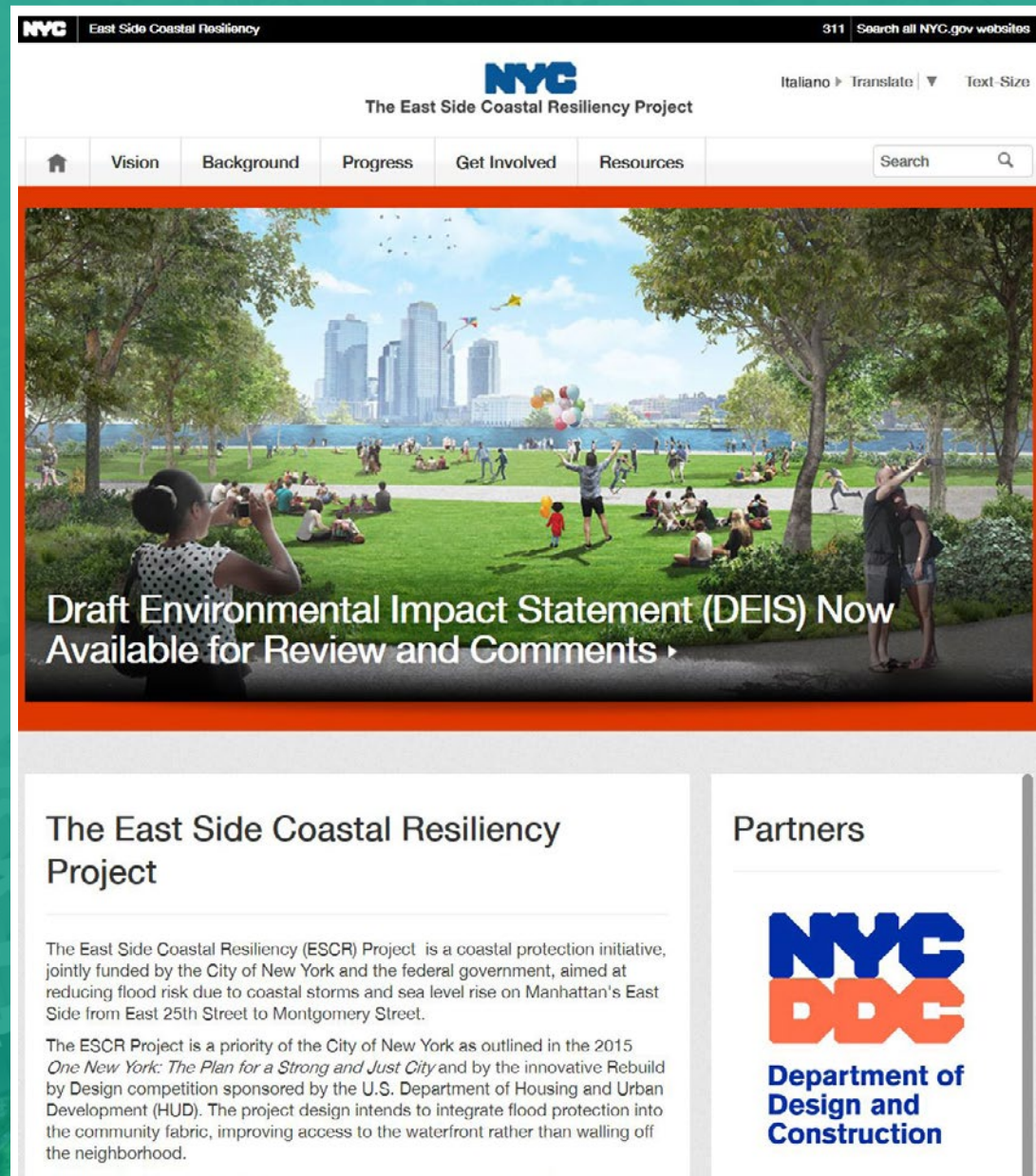
Join us at the upcoming Project Open House!

June 5, 2019 (4 – 8 PM)

June 6, 2019 (2 – 8 PM)

Peter Cooper Village
360 First Avenue - Lower Level
(entrance on east side of First Avenue at
E. 21st Street)

Website



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