East Side Coastal Resiliency

Grand Street Town Hall

June 3, 2019

Manny Cantor Center
197 East Broadway

NYC DDC

NYC Parks

NEW YORK CITY DOT

NYC Environmental Protection

NYC Mayor's Office of Resiliency

AGENDA

PROJECT OVERVIEW & SCHEDULE

DESIGN REVIEW

NEIGHBORHOOD PARK IMPROVEMENTS

NEXT STEPS

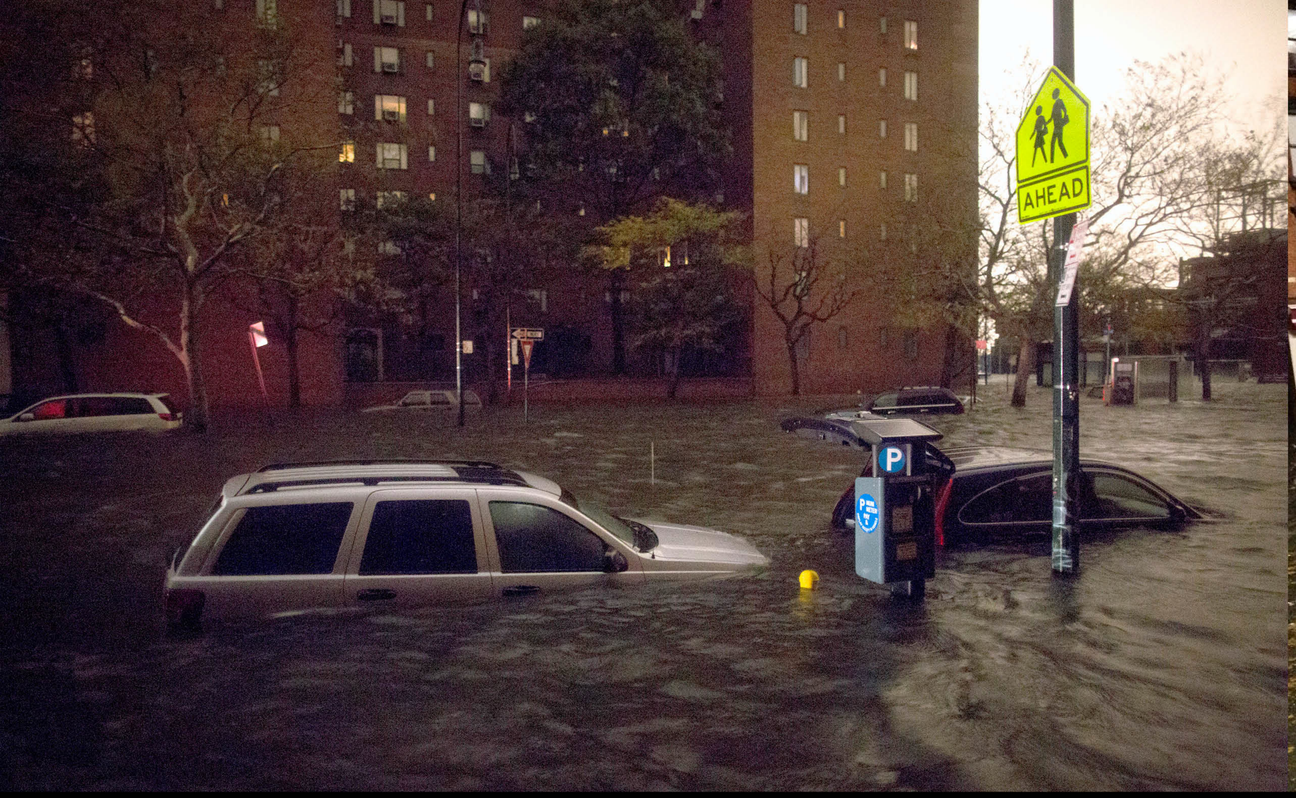
PROJECT GOALS & ORIGIN

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.



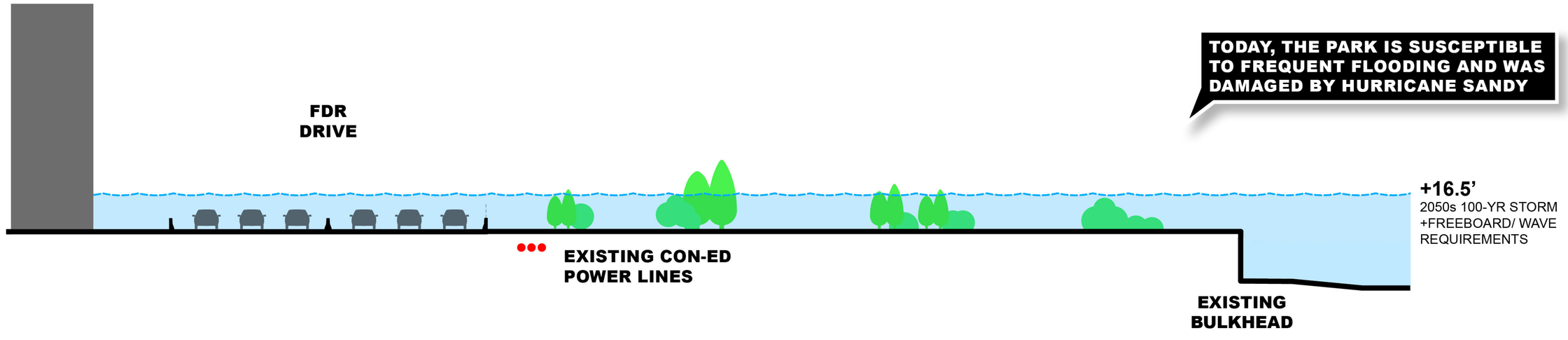
PROVIDE FLOOD PROTECTION

NYCHA HOUSING
ADJACENT TO EAST RIVER PARK

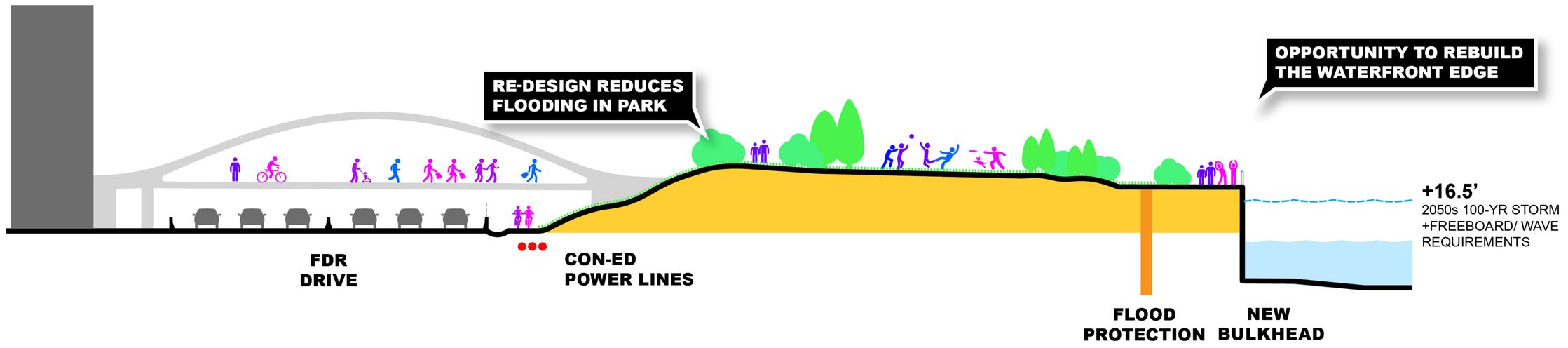
IMPROVED PARK RESILIENCY

PARK IS ABOVE THE 2050s 100-YEAR FLOODPLAIN

EXISTING CONDITIONS



CURRENT PLAN

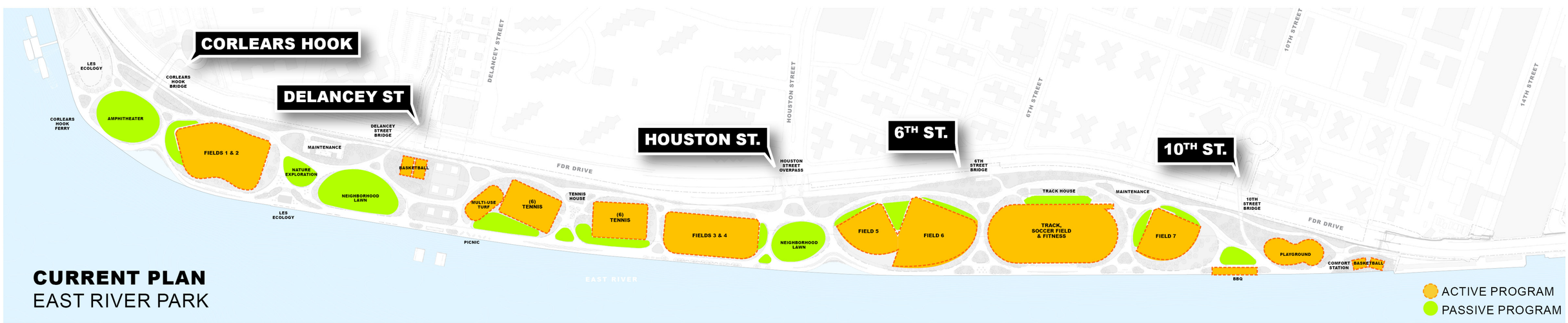


IMPROVED OPEN SPACE

PARK PROGRAM COMPARISON

EXISTING CONDITIONS

EAST RIVER PARK

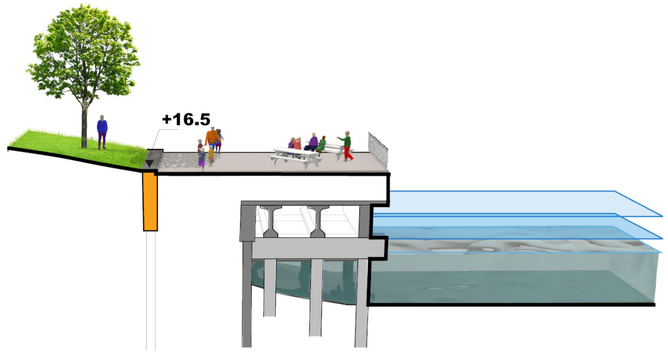


CURRENT PLAN

EAST RIVER PARK

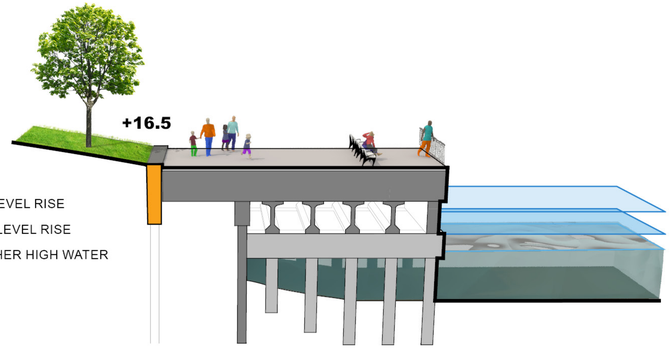
IMPROVED PARK RESILIENCY

DIFFERENT EXPERIENCES FOR WATERFRONT ACCESS



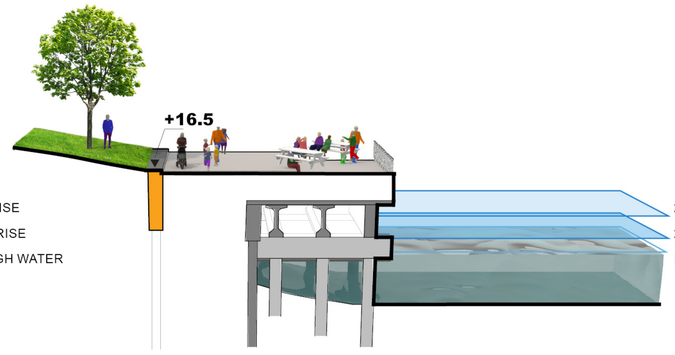
2100 SEA LEVEL RISE
2050s SEA LEVEL RISE
MEAN HIGHER HIGH WATER

ACTIVE EDGE



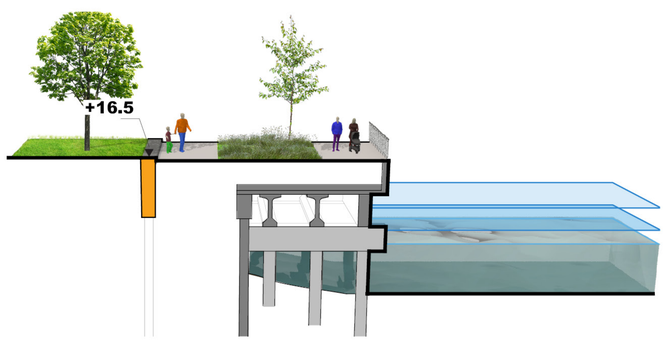
2100 SEA LEVEL RISE
2050s SEA LEVEL RISE
MEAN HIGHER HIGH WATER

CIVIC PROMENADE



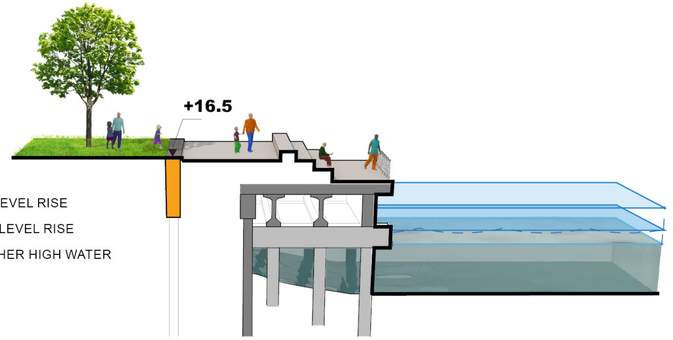
2100 SEA LEVEL RISE
2050s SEA LEVEL RISE
MEAN HIGHER HIGH WATER

STEP UP



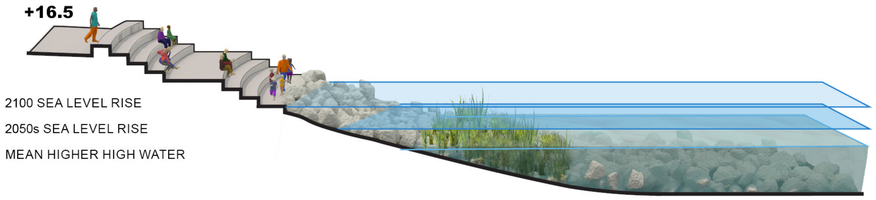
2100 SEA LEVEL RISE
2050s SEA LEVEL RISE
MEAN HIGHER HIGH WATER

PLANTED EDGE



2100 SEA LEVEL RISE
2050s SEA LEVEL RISE
MEAN HIGHER HIGH WATER

STEP DOWN



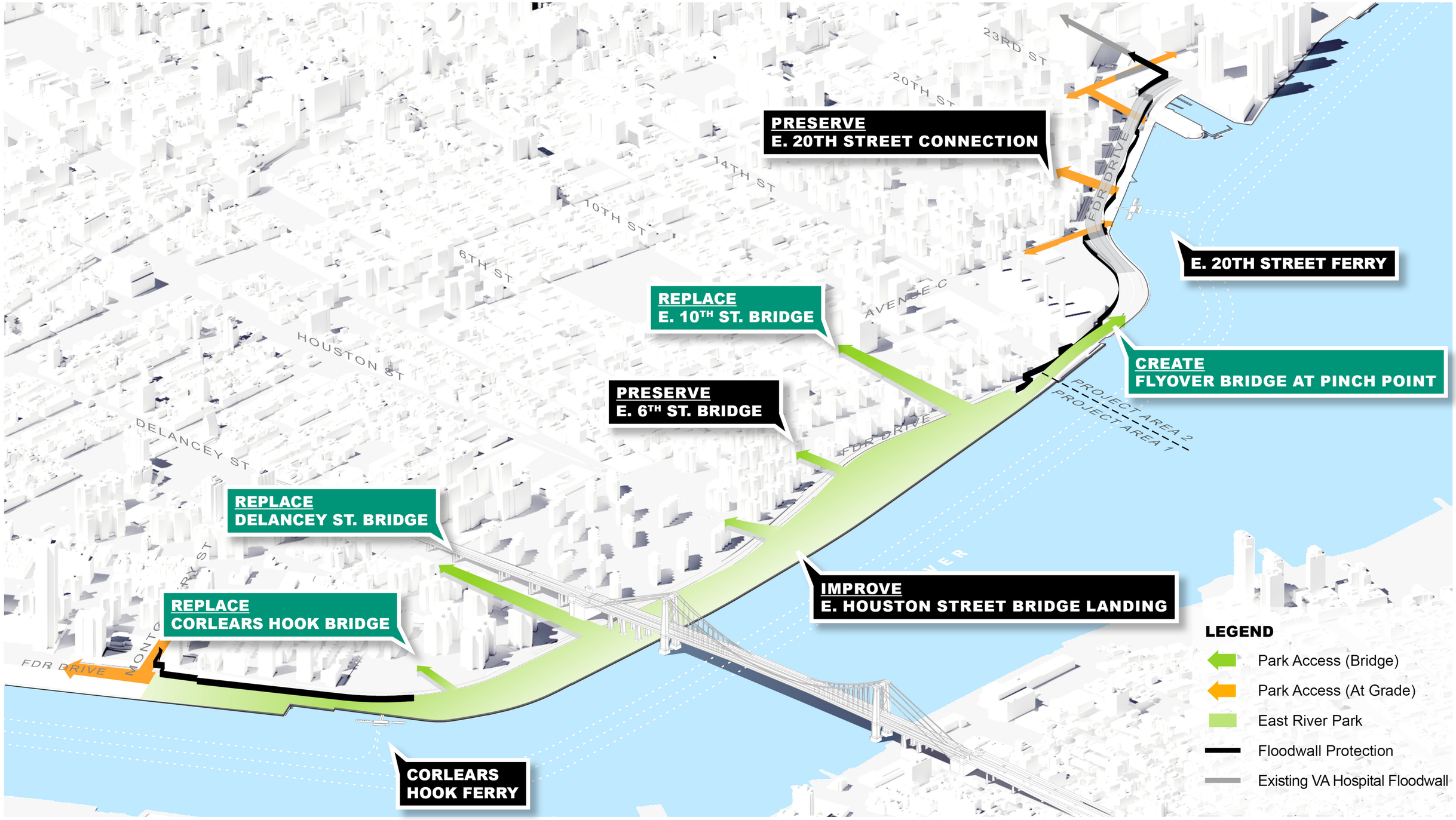
2100 SEA LEVEL RISE
2050s SEA LEVEL RISE
MEAN HIGHER HIGH WATER

EMBAYMENT

FLOOD PROTECTION BELOW GROUND

IMPROVED WATERFRONT ACCESS

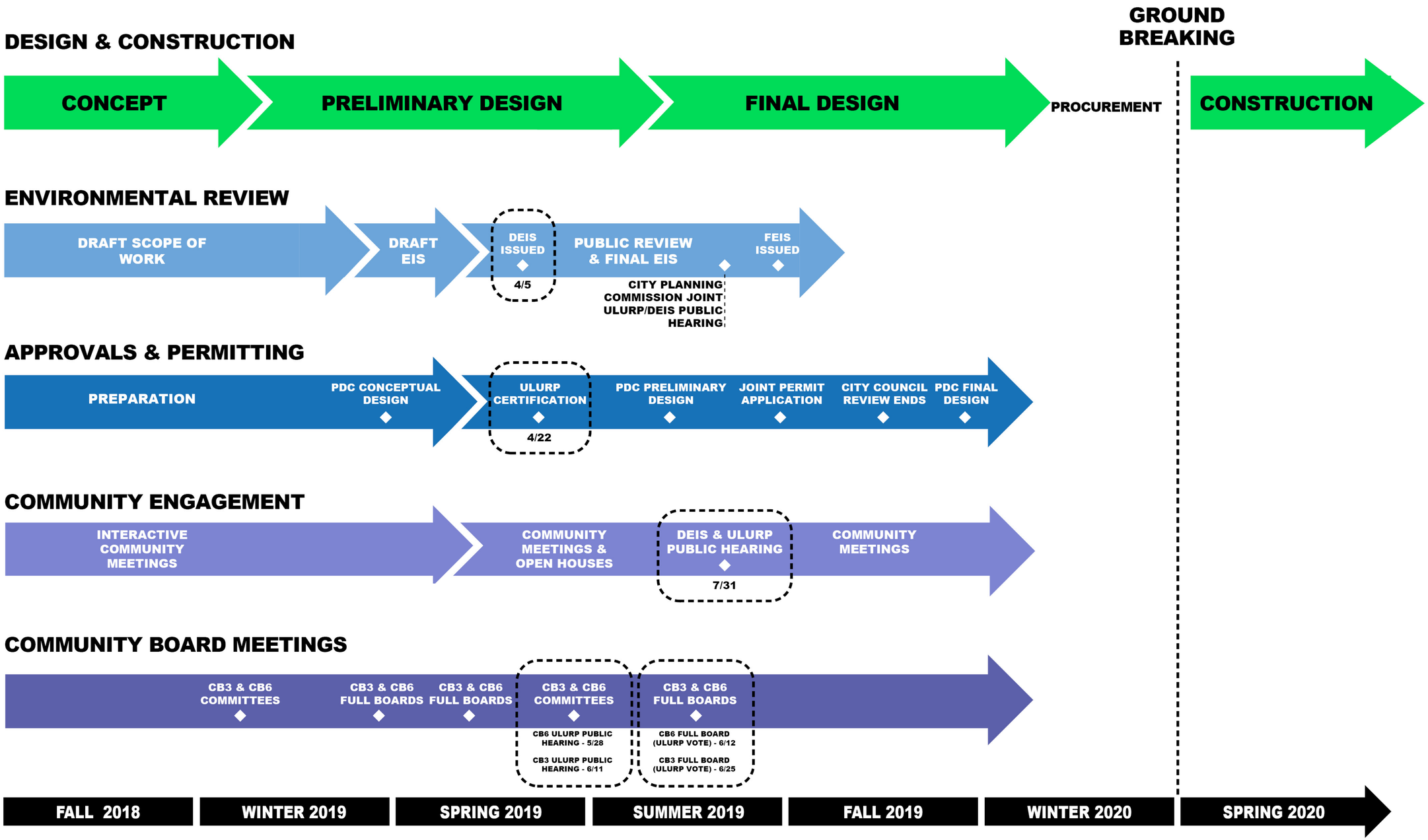
REPLACING, IMPROVING AND CREATING NEW CONNECTIONS



IMPROVED SCHEDULE

OPERABLE SYSTEMS FOR 2023 HURRICANE SEASON

COMMUNITY ENGAGEMENT



STAKEHOLDER & COMMUNITY ENGAGEMENT

MEETINGS TO DATE

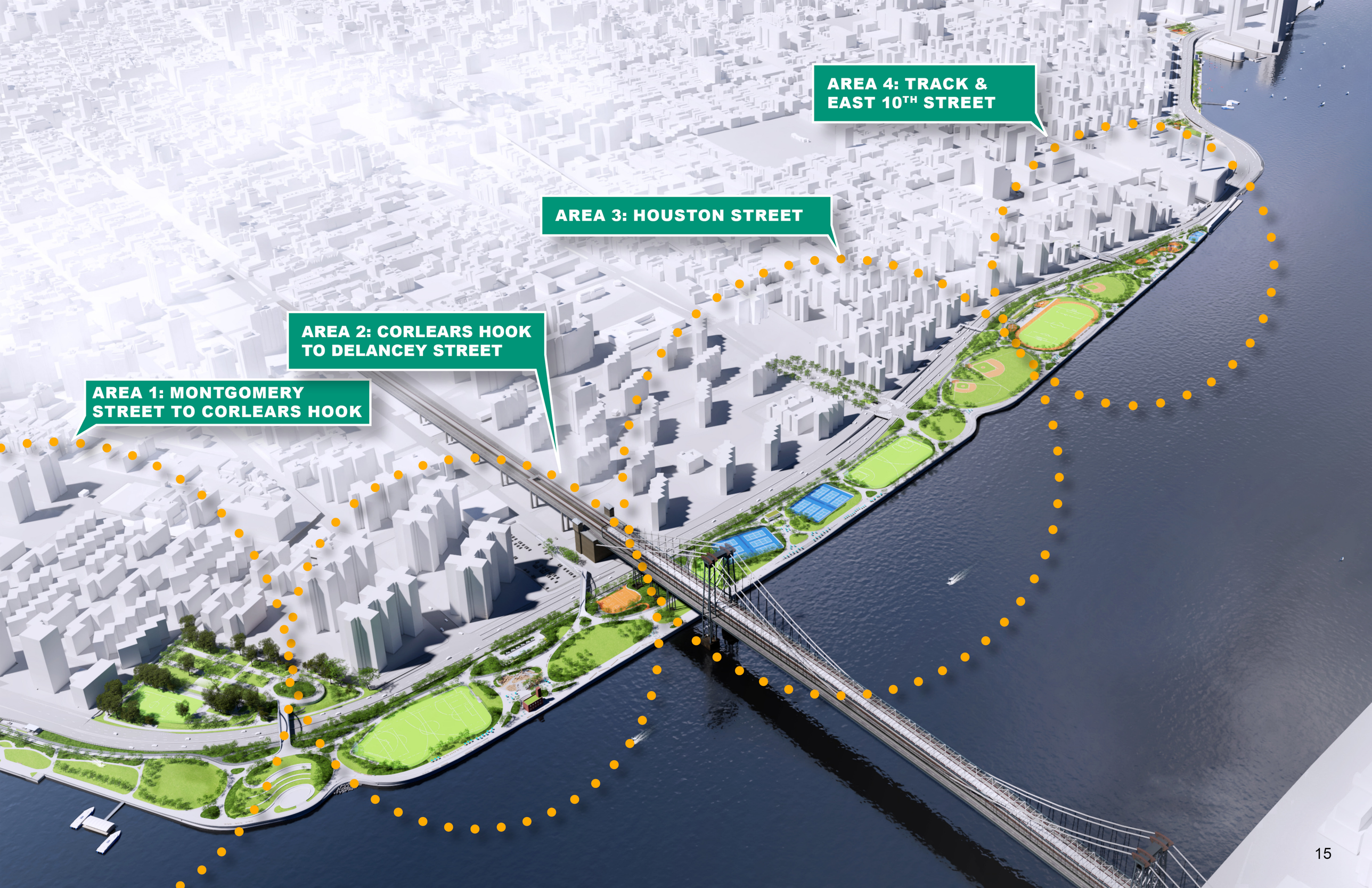
STAKEHOLDER

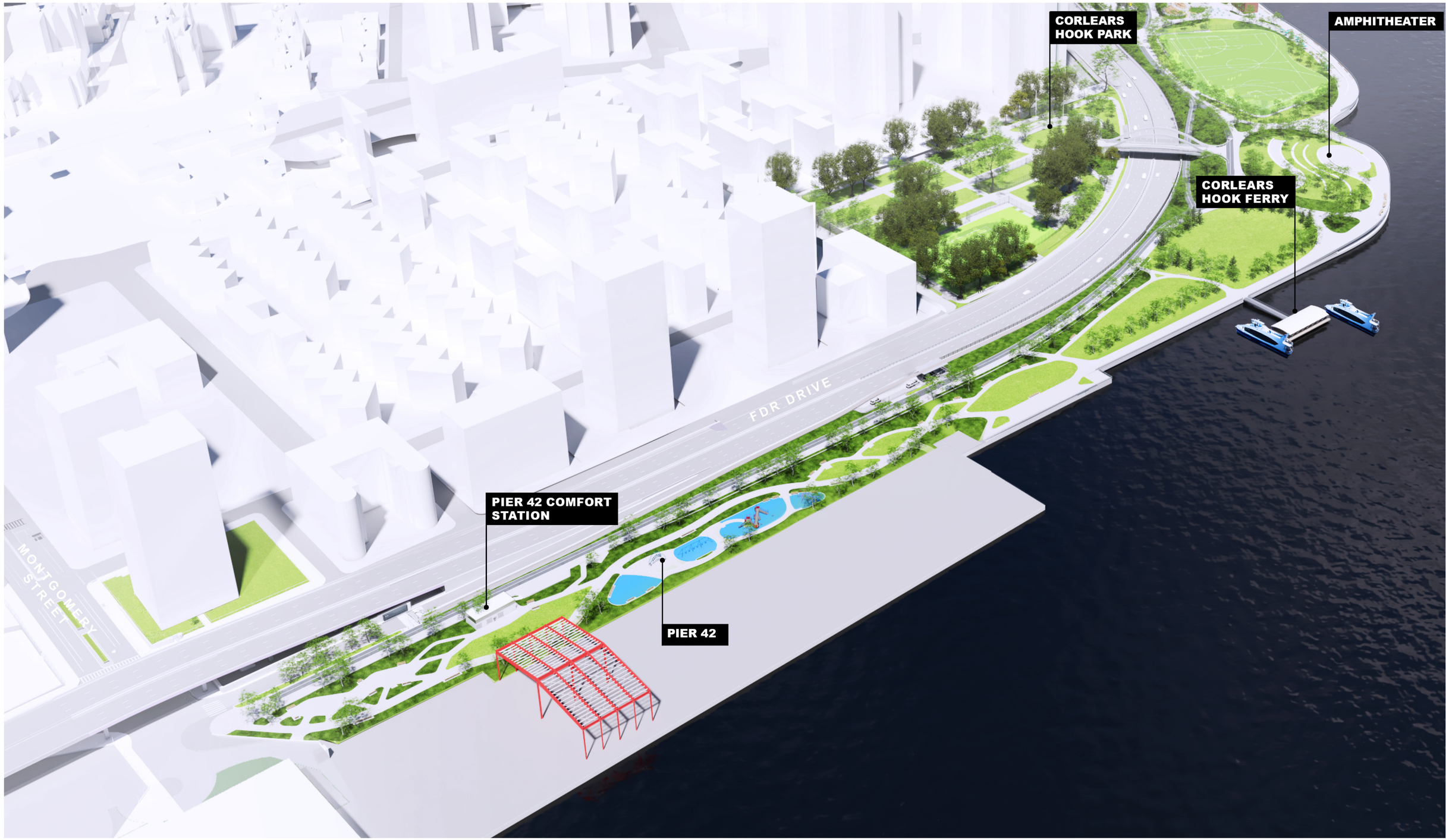
- LUNGS
- LES READY!
- NYCHA Resident Association Leadership
- New Yorkers for Parks
- Lower East Side Power Partnership
- Regional Plan Association
- Gouverneur Gardens Co-Op Residents
- NYCHA Riis Residents
- NYCHA Baruch Residents
- East River Houses Board & Residents
- NYCHA LES II, V & Bracetti Plaza Residents
- East River Alliance
- Friends of Corlears Hook Park
- NYCHA Lillian Wald Residents
- GOLES
- Public School Athletic League (PSAL)
- 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

ELECTED OFFICIAL AND COMMUNITY BOARD MEETINGS

- Borough President Brewer
- Council Member Chin
- Council Member Rivera
- Council Member Powers
- Assembly Member Niou
- Assembly Member Epstein
- Senator Hoylman
- Senator Kavanaugh
- Congressperson Maloney
- Congressperson Velazquez
- CB3 Parks/Waterfront Committee
- CB3 Full Board
- CB6 Land Use/Waterfront Committee
- CB6 Full Board
- CB6 Working Group
- CB3/CB6 Joint Waterfront Task Force

DESIGN REVIEW


AREA 4: TRACK &
EAST 10TH STREET
AREA 3: HOUSTON STREET
AREA 2: CORLEARS HOOK
TO DELANCEY STREET
AREA 1: MONTGOMERY
STREET TO CORLEARS HOOK



AREA 1: GRAND STREET AND DELANCEY STREET

CONCEPTUAL PLAN

FLOOD PROTECTION

MONTGOMERY STREET TIE-BACK

FLOOD PROTECTION

MONTGOMERY STREET TIE-BACK

LIGHTING

MONTGOMERY STREET & FDR CROSSING

WE HAVE HEARD THE COMMUNITY CONCERN THAT LIGHTING UNDER THE FDR IS INSUFFICIENT

MONTGOMERY STREET LOOKING EAST
EXISTING CONDITIONS

MONTGOMERY STREET LIGHT FIXTURE
EXISTING CONDITIONS

LIGHTING UNDER FDR RECENTLY UPDATED SOUTH OF RUTGERS STREET

RUTGERS STREET LOOKING SOUTH
NEW FDR LIGHTING SOUTH OF PROJECT AREA

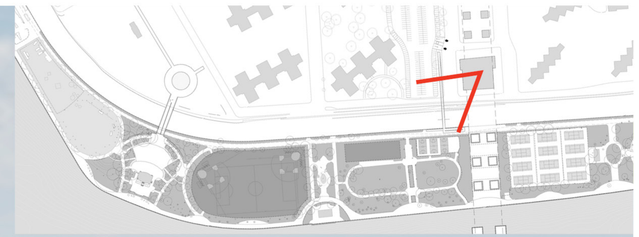
CONDITIONS UNDER THE FDR HAVE BEEN STUDIED. THE CITY IS COORDINATING WITH NYSDOT AS NEEDED TO ADDRESS THE LIGHTING CONCERNS.

RUTGERS STREET LIGHT FIXTURE
NEW FDR LIGHTING SOUTH OF PROJECT AREA

AREA 2: CORLEARS HOOK TO DELANCEY STREET

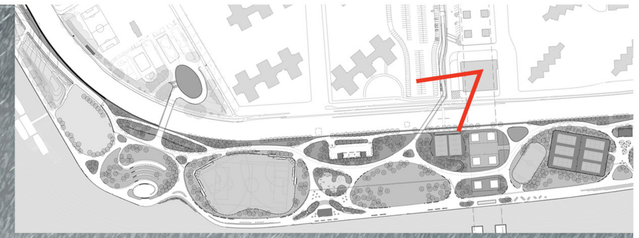
CONCEPTUAL PLAN

AMPHITHEATER
CONCEPTUAL PLAN



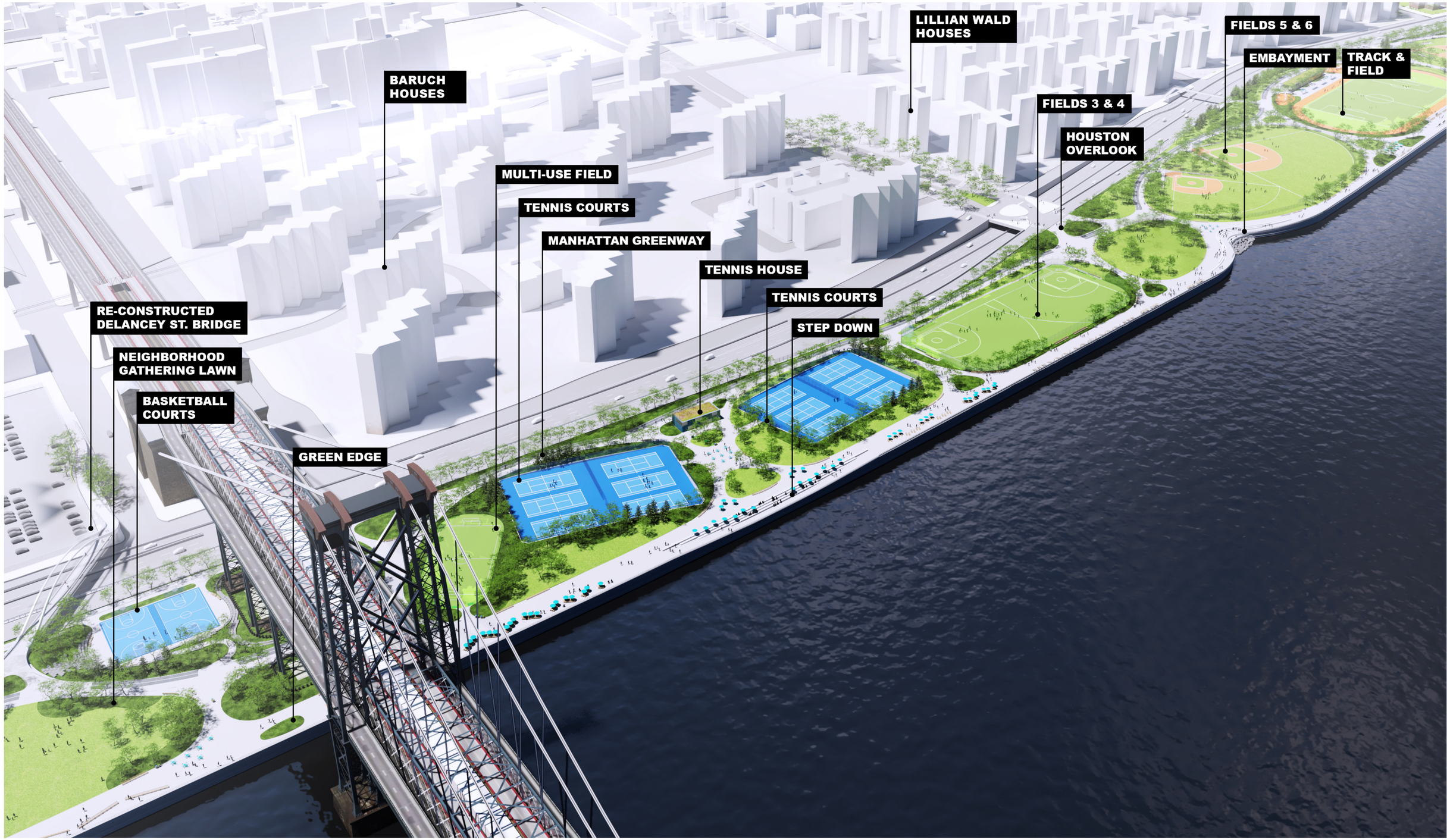
DELANCEY OVERLOOK
EXISTING CONDITIONS

DELANCEY OVERLOOK
CONCEPTUAL DESIGN



DELANCEY OVERLOOK

CONCEPTUAL DESIGN - STORM CONDITIONS

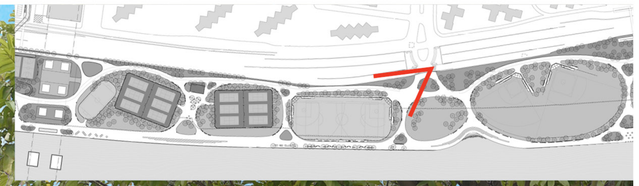


AREA 3: HOUSTON STREET

CONCEPTUAL DESIGN

HOUSTON AREA
CONCEPTUAL DESIGN

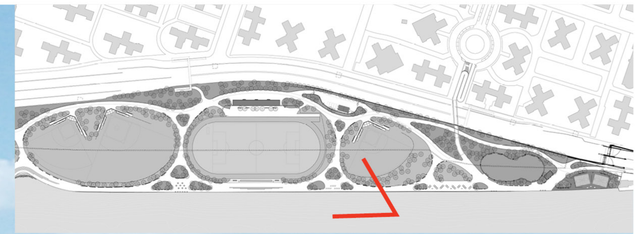
HOUSTON AREA
CONCEPTUAL DESIGN



HOUSTON AREA
CONCEPTUAL DESIGN

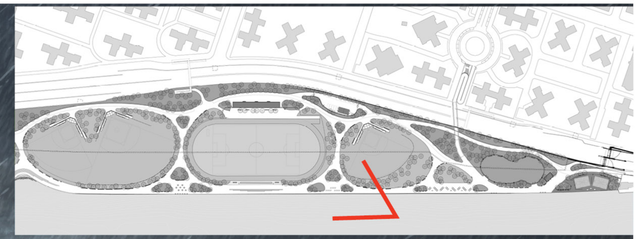
AREA 4: TRACK & EAST 10TH STREET

CONCEPTUAL DESIGN



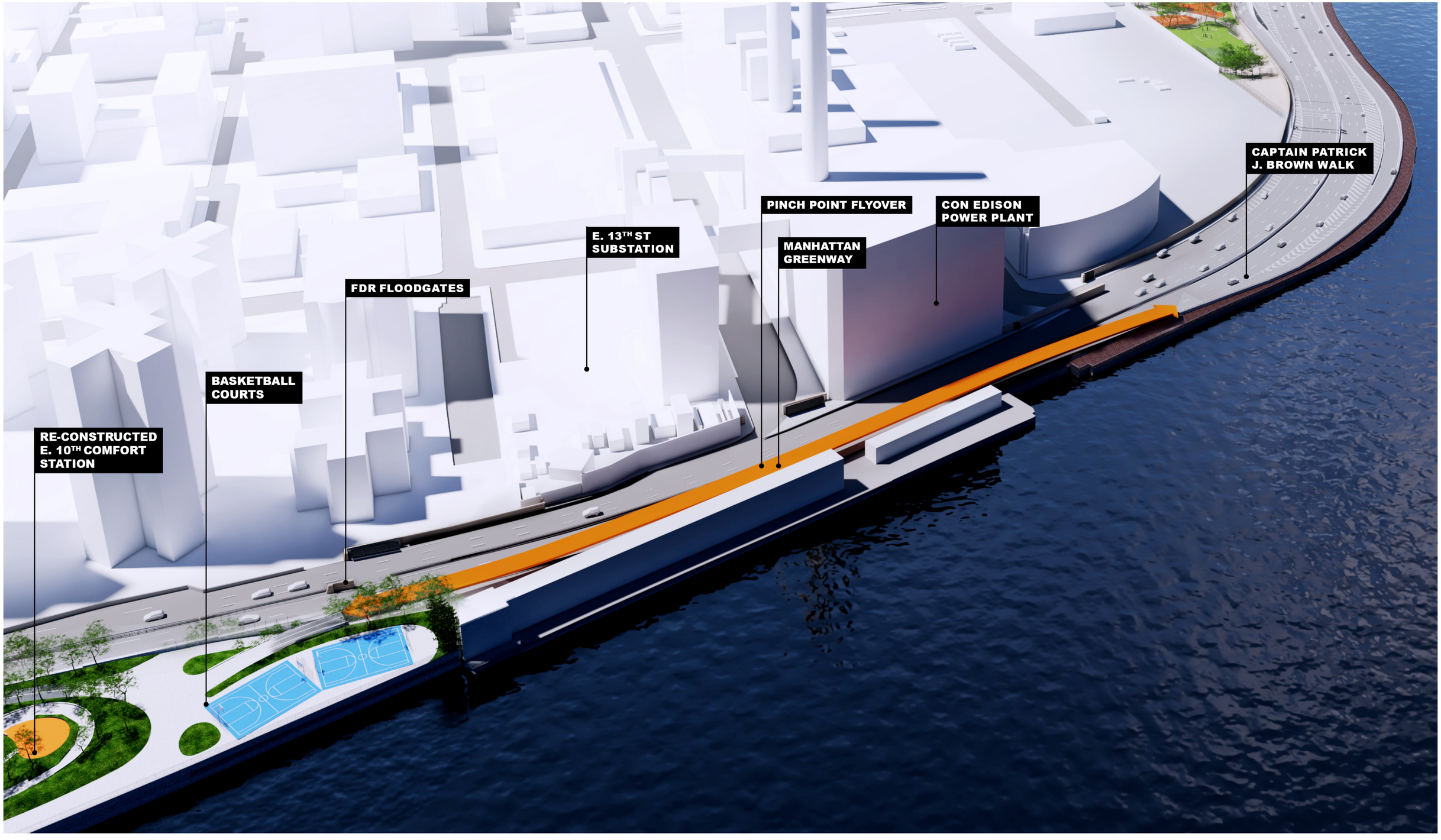
TRACK & FIELD AREA

CONCEPTUAL DESIGN



TRACK & FIELD AREA

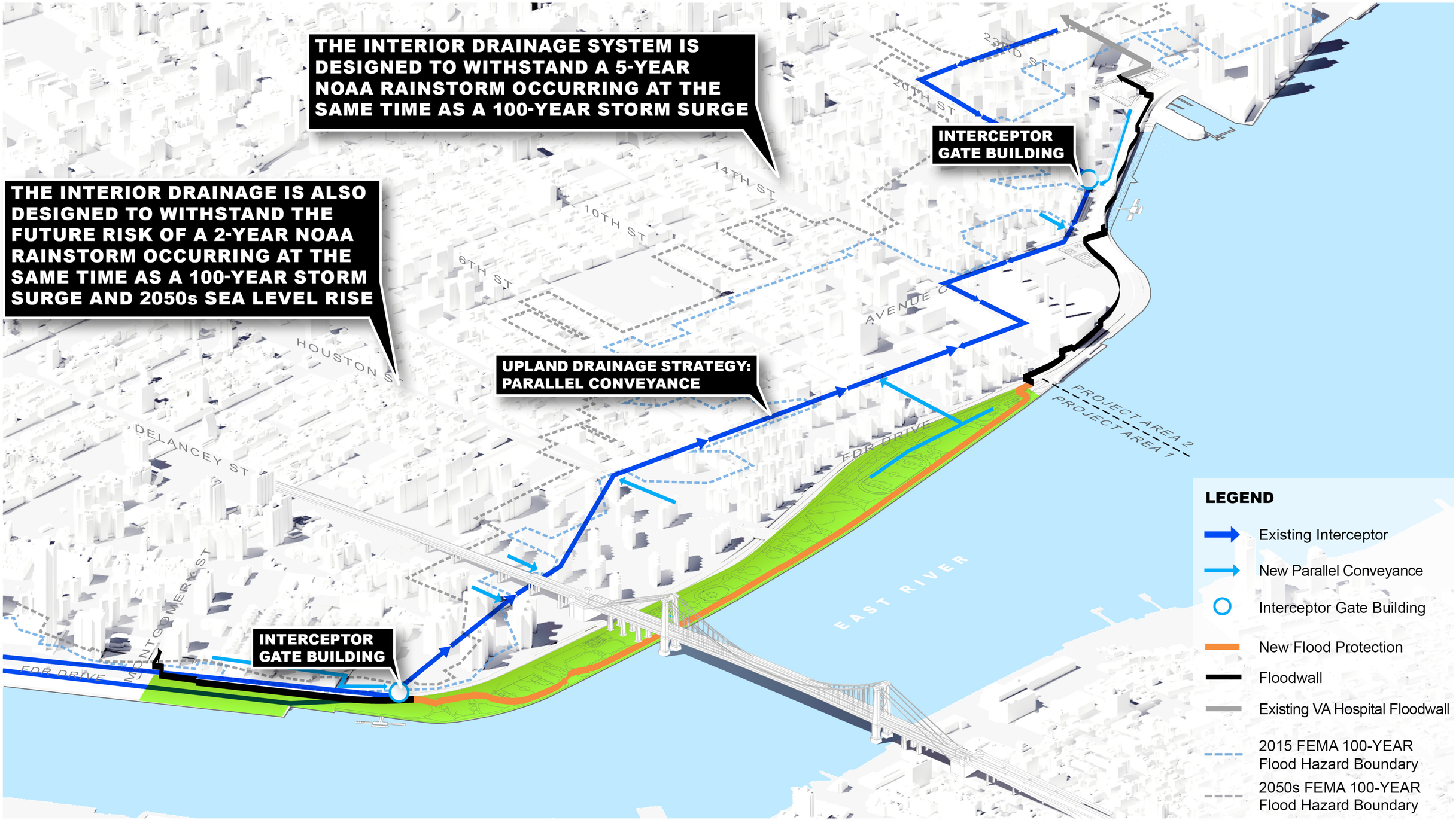
CONCEPTUAL DESIGN - STORM CONDITIONS



PINCH POINT FLYOVER BRIDGE
CONCEPTUAL DESIGN

ENHANCING DRAINAGE INFRASTRUCTURE

INTERIOR DRAINAGE SYSTEM COMPONENTS AND DESIGN CRITERIA



IMPROVED RESILIENCY

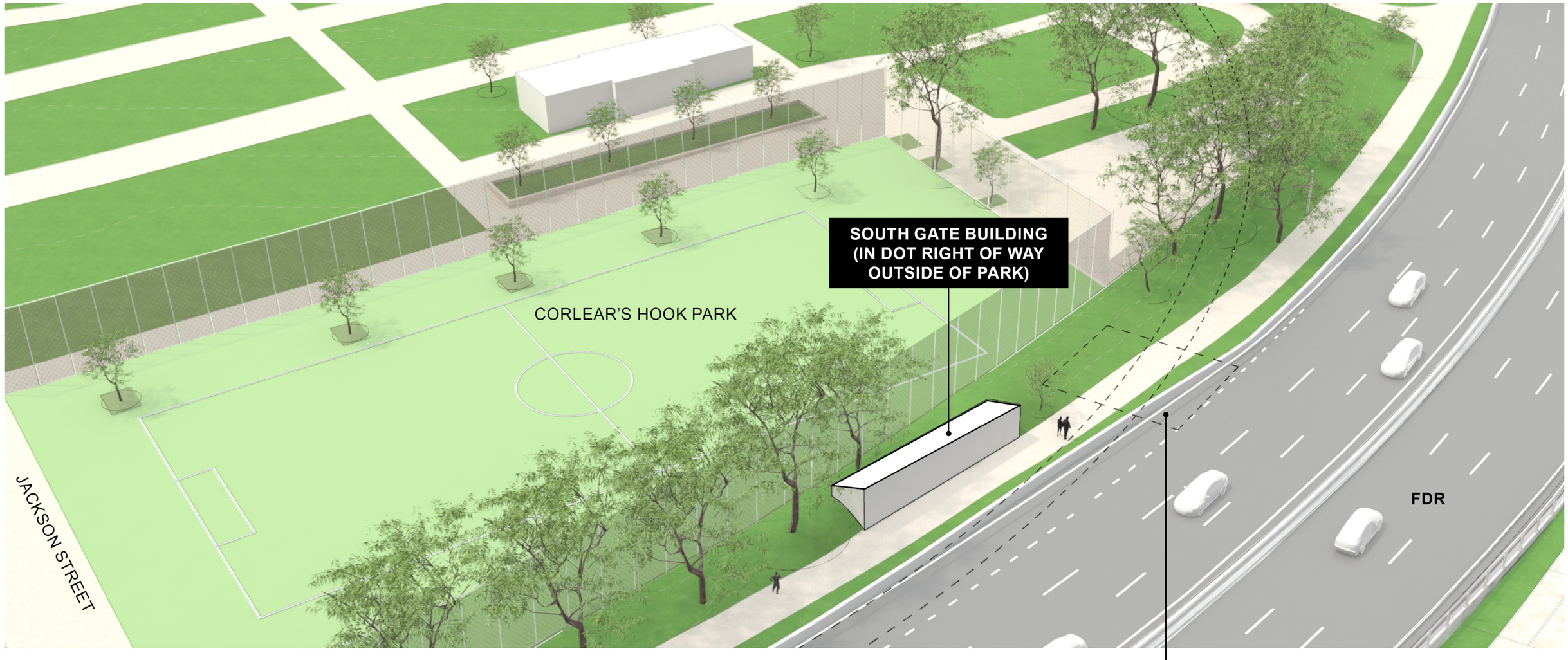
SEWER IMPROVEMENTS TO IMPROVE DRAINAGE IN EAST RIVER PARK

RECONSTRUCTED DEP SEWER + 15' TREE PLANTING OFFSET

DEP SEWER OUTFALLS

IMPROVED DRAINAGE

SOUTH INTERCEPTOR GATE CHAMBER BUILDING



NEIGHBORHOOD PARK IMPROVEMENTS

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

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

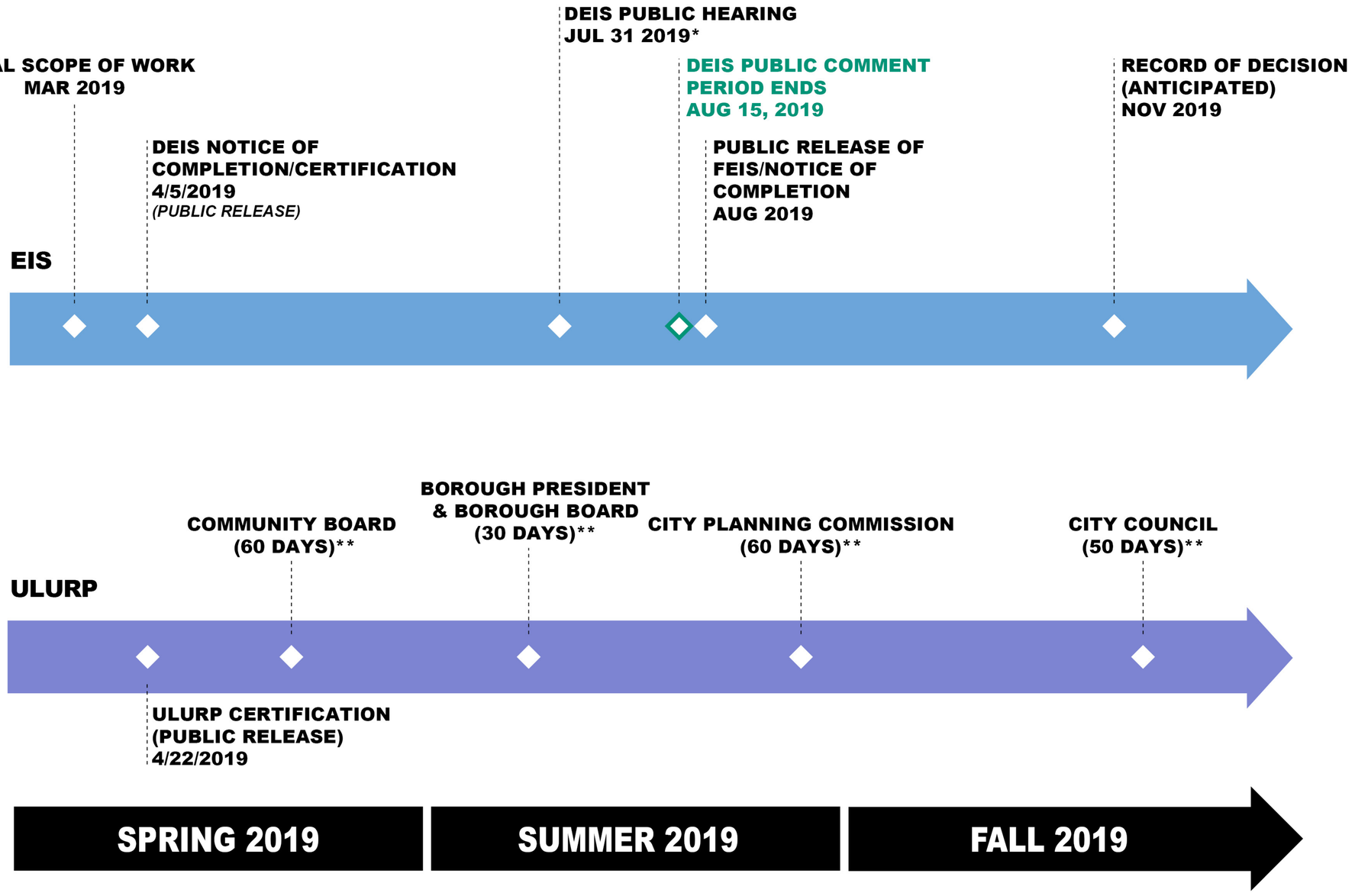
PROTECTED BIKE LANE

CONVENTIONAL BIKE LANE

SHARED LANE

NEXT STEPS

NEXT STEPS: PUBLIC INPUT TO THE EIS/ULURP PROCESSES



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

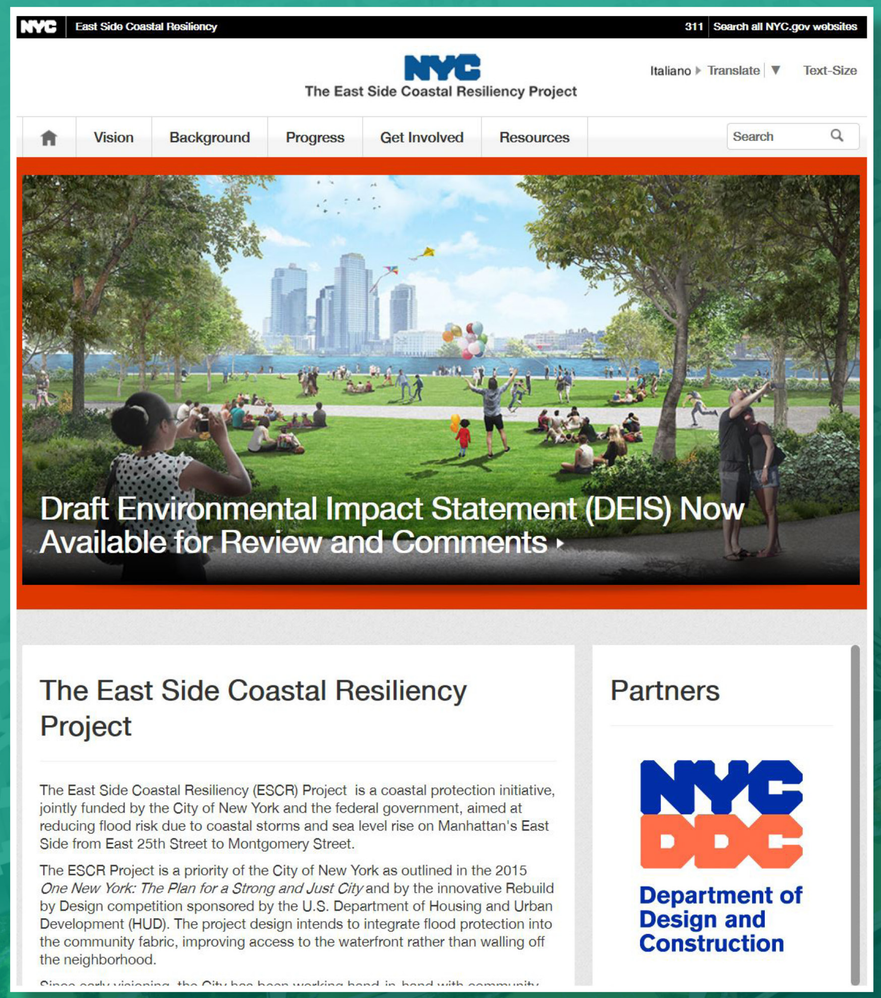
*** INCLUDES PUBLIC HEARING*

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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