











EAST SIDE COASTAL RESILIENCY PROJECT

Project Area Two Conceptual Design Update November 28, 2016

CONCEPTUAL DESIGN UPDATE

Project Area Two November 28, 2016

- 1. Project Status
- 2. Project Area 2: Considerations and Approach
- 3. Concept Design Update
- 4. Next Steps
- 5. Focus Sessions (at Tables)

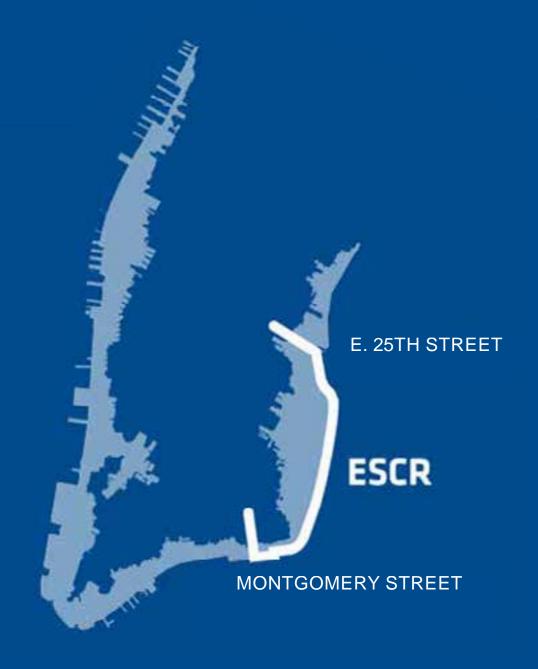
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Project Goals

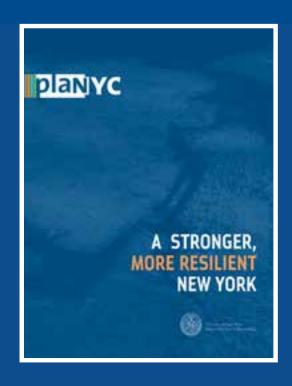
- Provide a reliable, integrated flood protection system;
 minimize use of closure structures and deployables
- Improve waterfront open spaces and access
- Respond quickly to the urgent need for increased flood protection and resiliency
- Achieve implementation milestones and project funding allocations as established by HUD



Context

HURRICANE

SANDY



A STRONGER MORE RESILIENT NEW YORK One New York
The Plan for a Strong
and Just City

The City of New York
Mayor Bill de Blasio
Landing Shorting

HUD FUNDING AWARD ONE NYC

REPORT PREPARATION

OCTOBER WINTER 2012 2012/2013

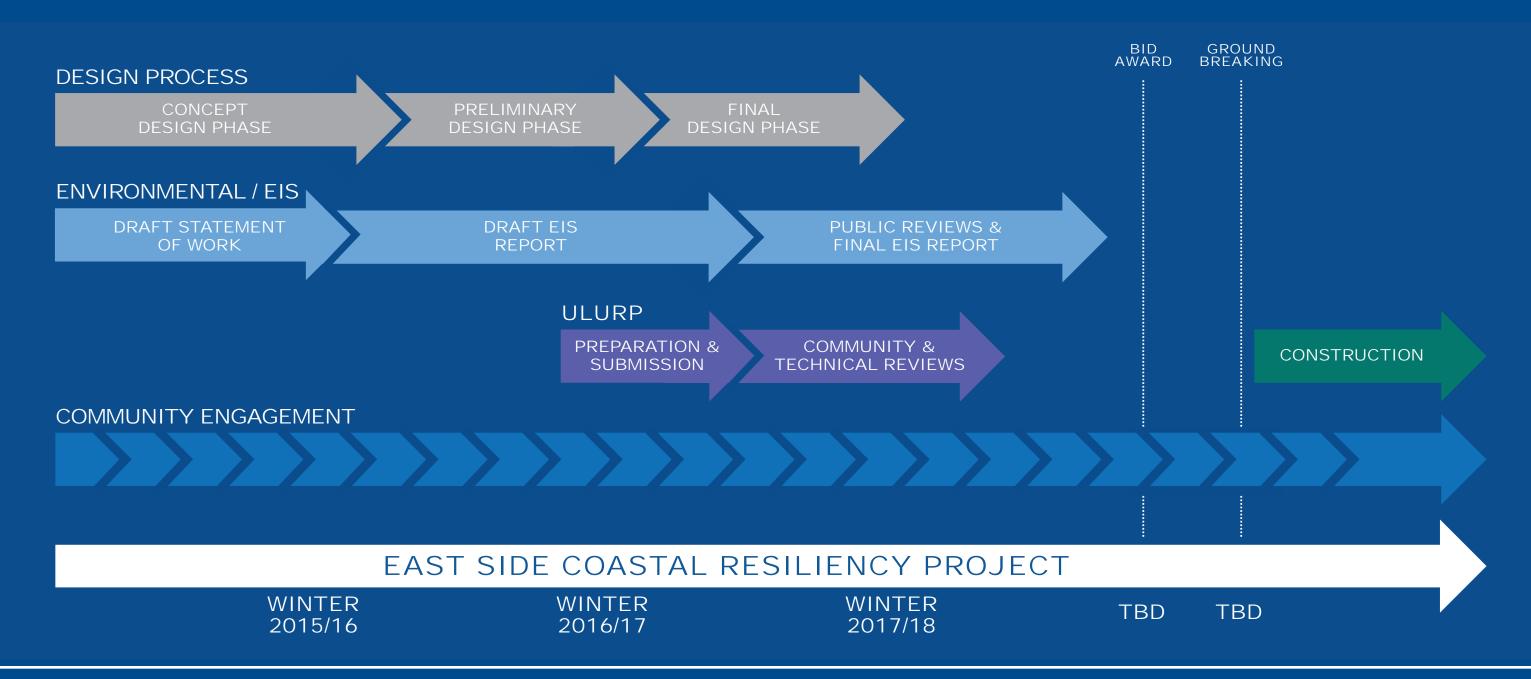
REBUILD BY DESIGN COMPETITION

WINTER 2013/2014

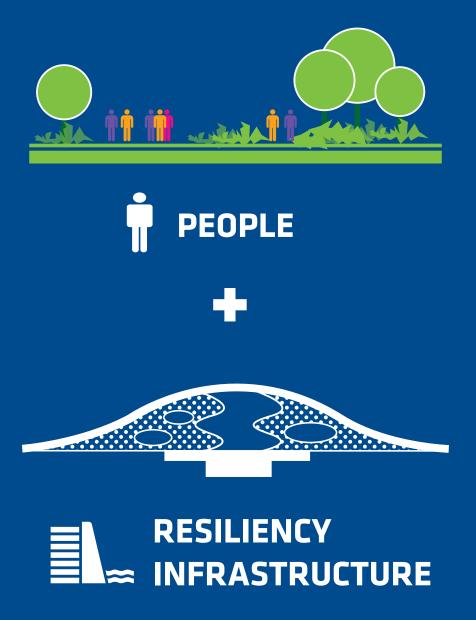
ESCR PROJECT SCOPING

WINTER 2014/2015

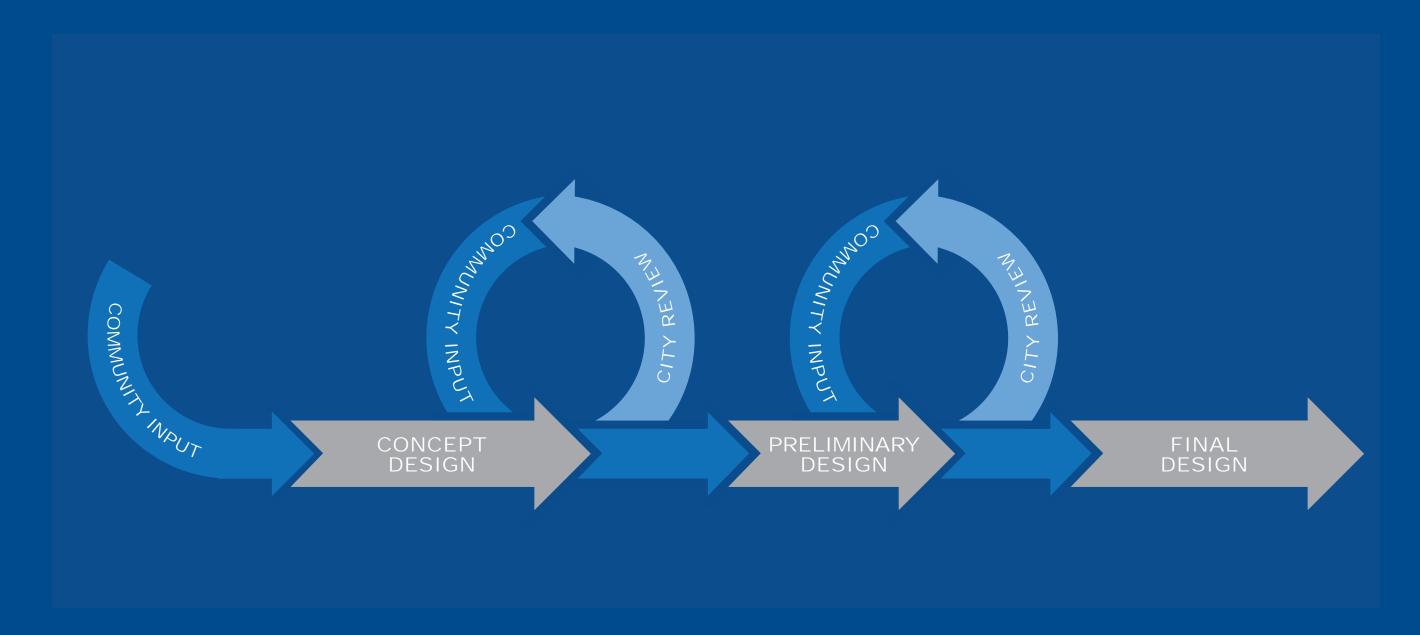
Revised Project Schedule



Project Approach: Designing Social Infrastructure



Iterative Design Process



2015 Community Engagement Recap

ROUND 1

ROUND 2

ROUND 3

ROUND 4

x2 Meetings

x3 Meetings

x4 Meetings

x2 Meetings



MARCH 19TH + 23RD

How do you use the waterfront?



MAY 18TH, 28TH, 30TH

Where should the flood protection alignment go?



JULY 28TH, 29TH, 30TH + SEPT. 10TH

What are the options for integrating the Park and the Protection?



OCTOBER 6TH + 8TH

Initial Design Direction: Feedback and Discussion

QUARTERLY TASK FORCE MEETINGS

2016 Community Engagement

CB3/CB6 TF

Joint Task Force Meetings

CB6 PARKS

Parks Committee Session

MBP/AL

Community Input Session

PA2 CE

Concept Design Update



MAY 23RD & SEPTEMBER 20

How is the overall project being developed in response to new design & technical constraints?



OCTOBER 4TH

How has the design of Stuyvesant Cove Park been refined since the initial design direction?



NOVEMBER 14TH

How will the flood protection integrate with Murphy Brothers & Asser Levy playgrounds?

TODAY!

NOVEMBER 28TH

How have the flood protection alignments and design been updated since last year?

NYC.GOV/ESCR WEBSITE FOR PUBLIC INPUT

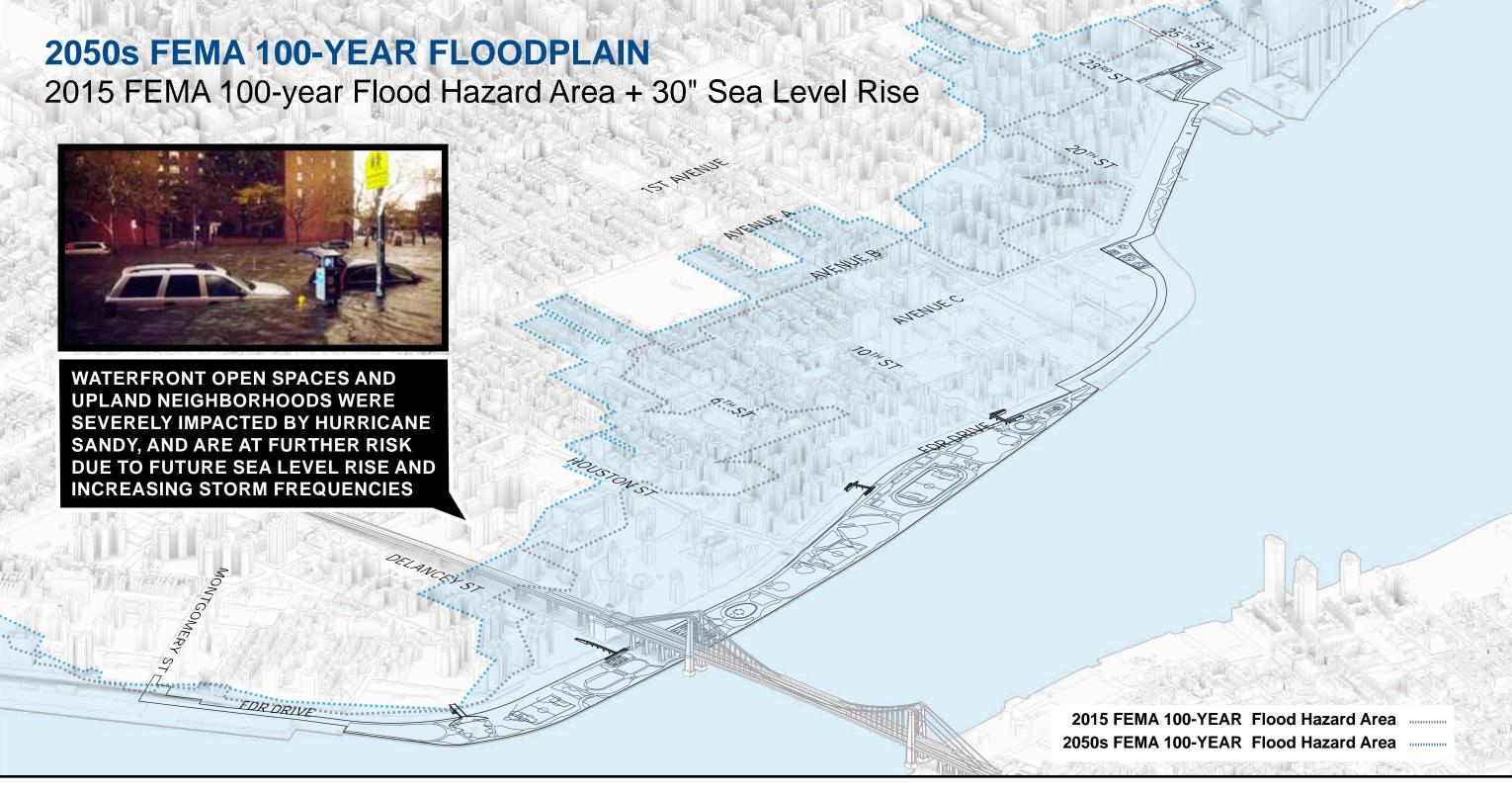


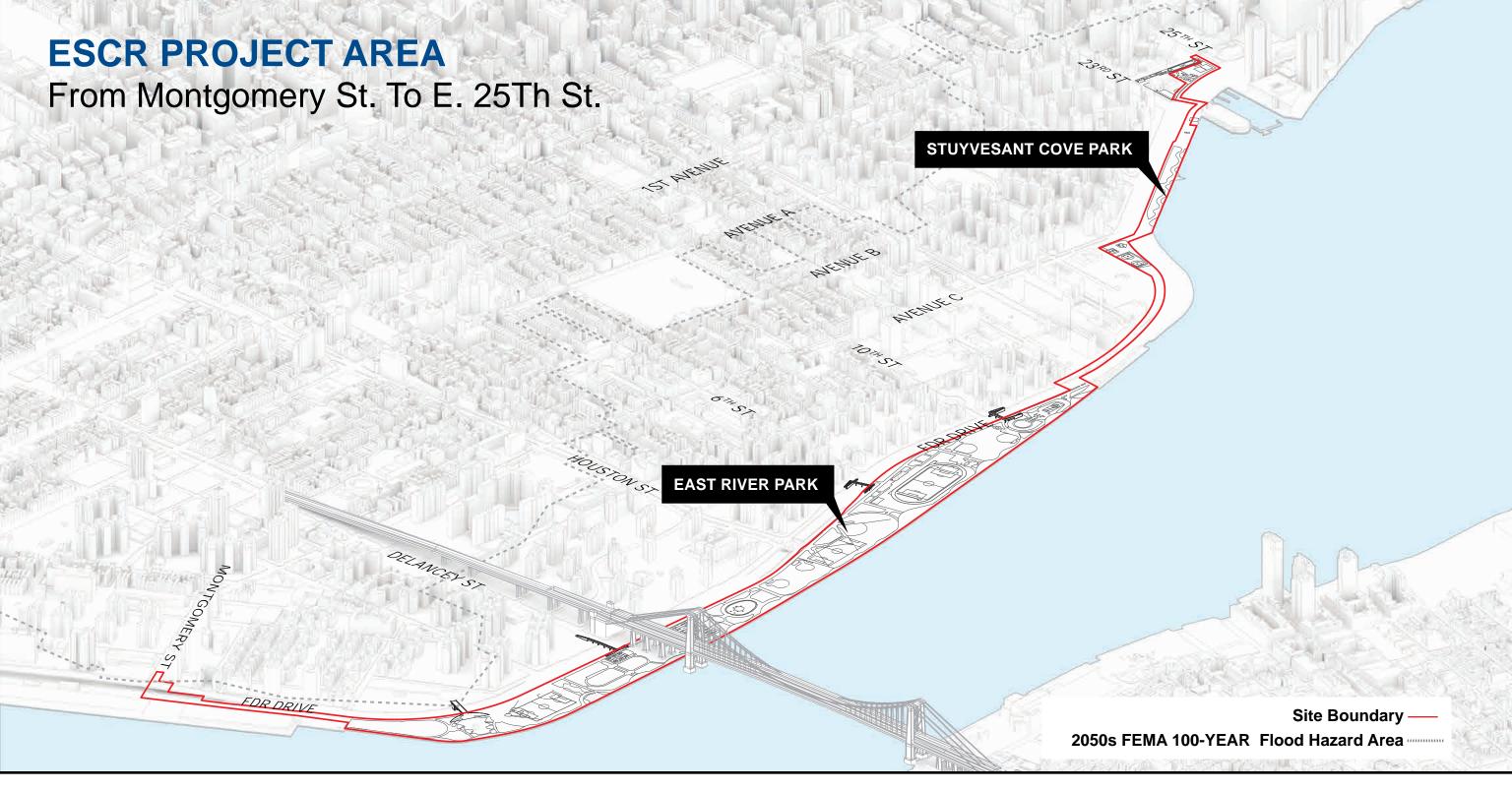
What have we been up to?

Since Fall 2015:

- Refining concept design based on:
 - -Community input
 - -Agency requirements
 - -Regulatory concerns
 - -Technical constraints
 - -New inputs and considerations
- Evaluating alternatives
- Preparing draft Documents
 - -Environmental Impact Statement (EIS)
 - -Public Design Commission Review
 - -Permit Applications

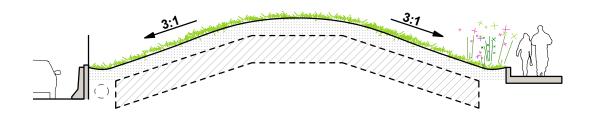
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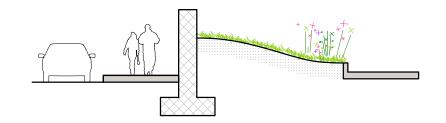


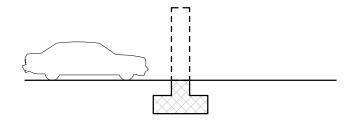


DESIGN COMPONENTS

Flood Mitigation Toolkit



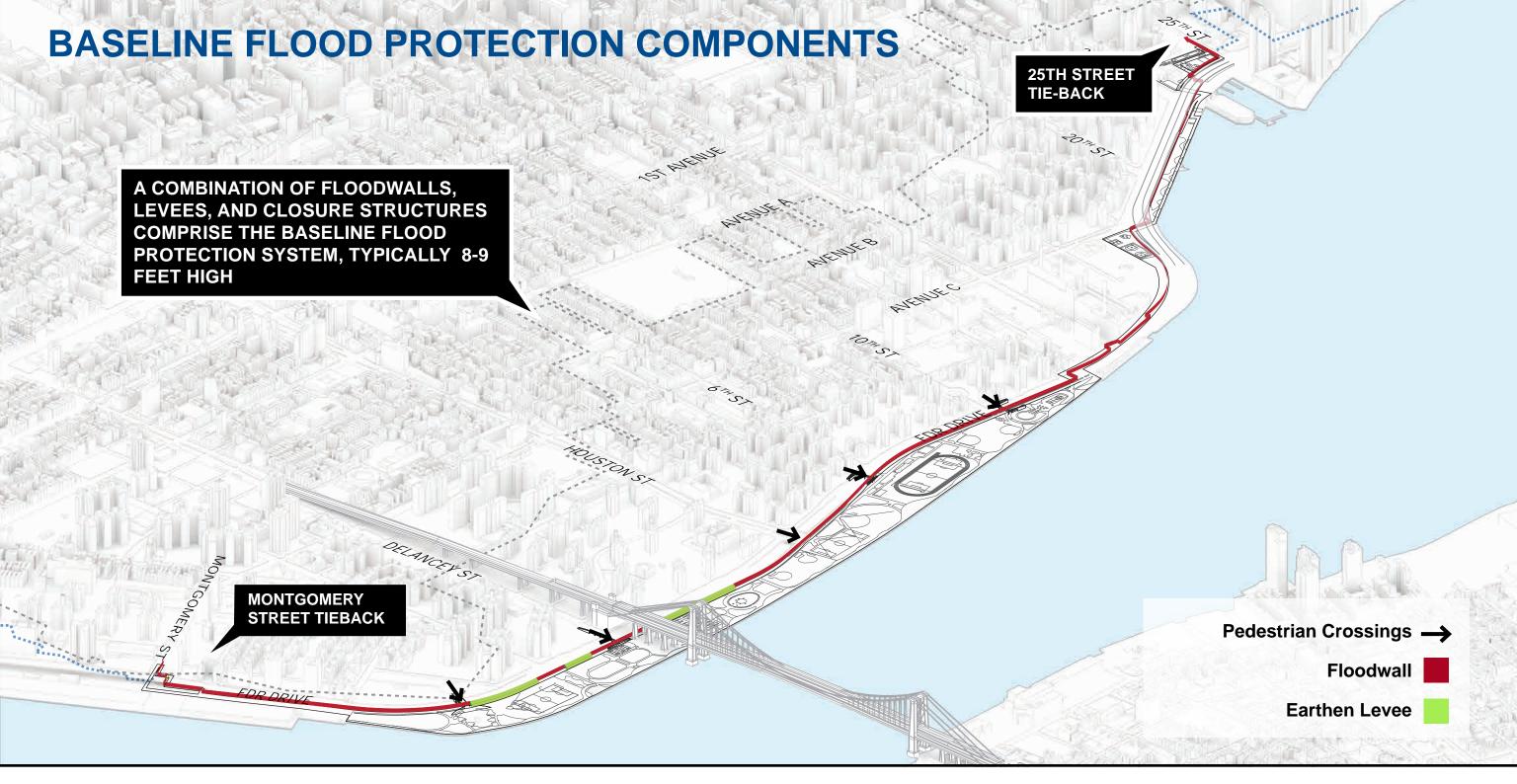


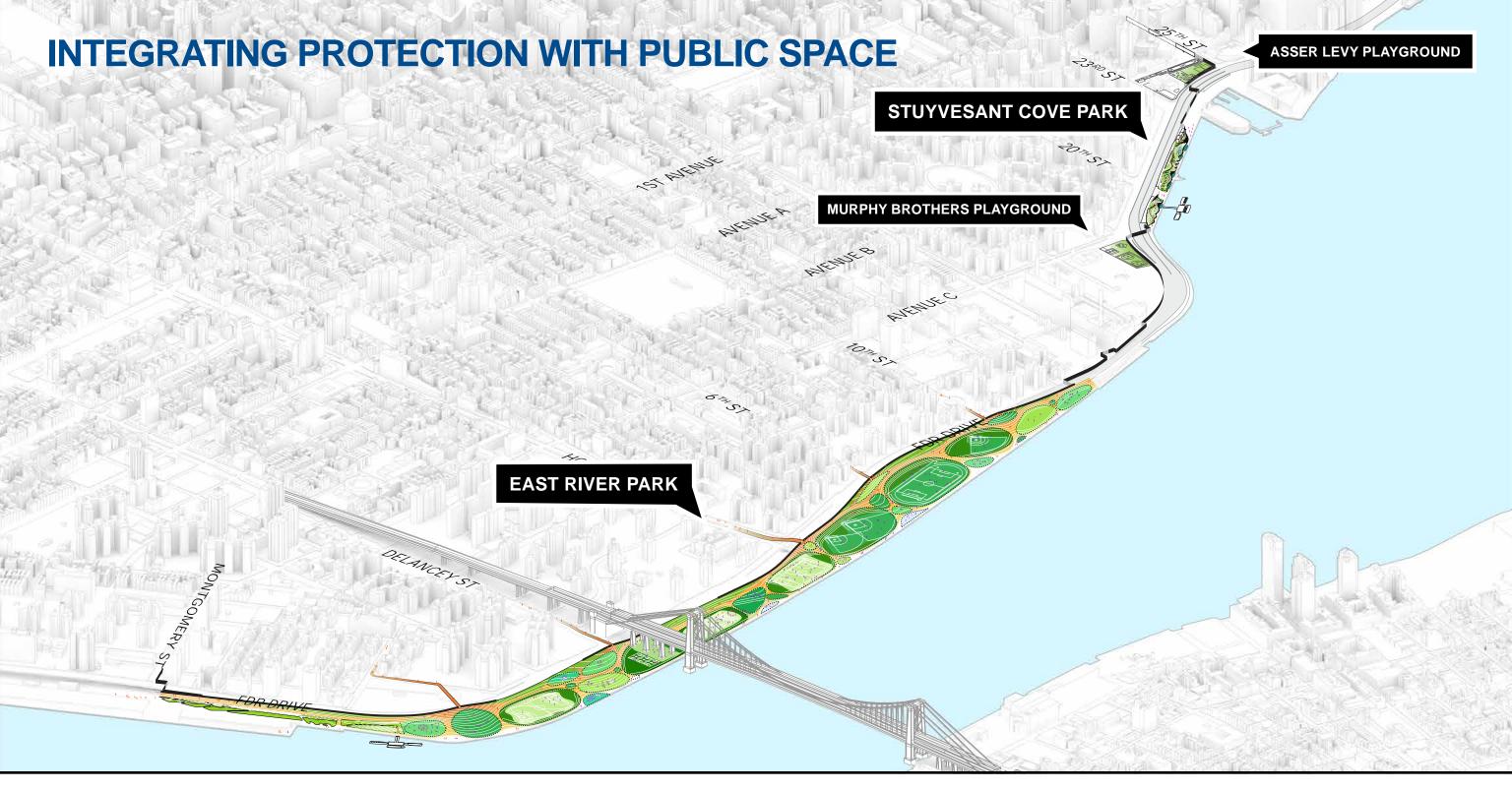


BERM/LEVEE

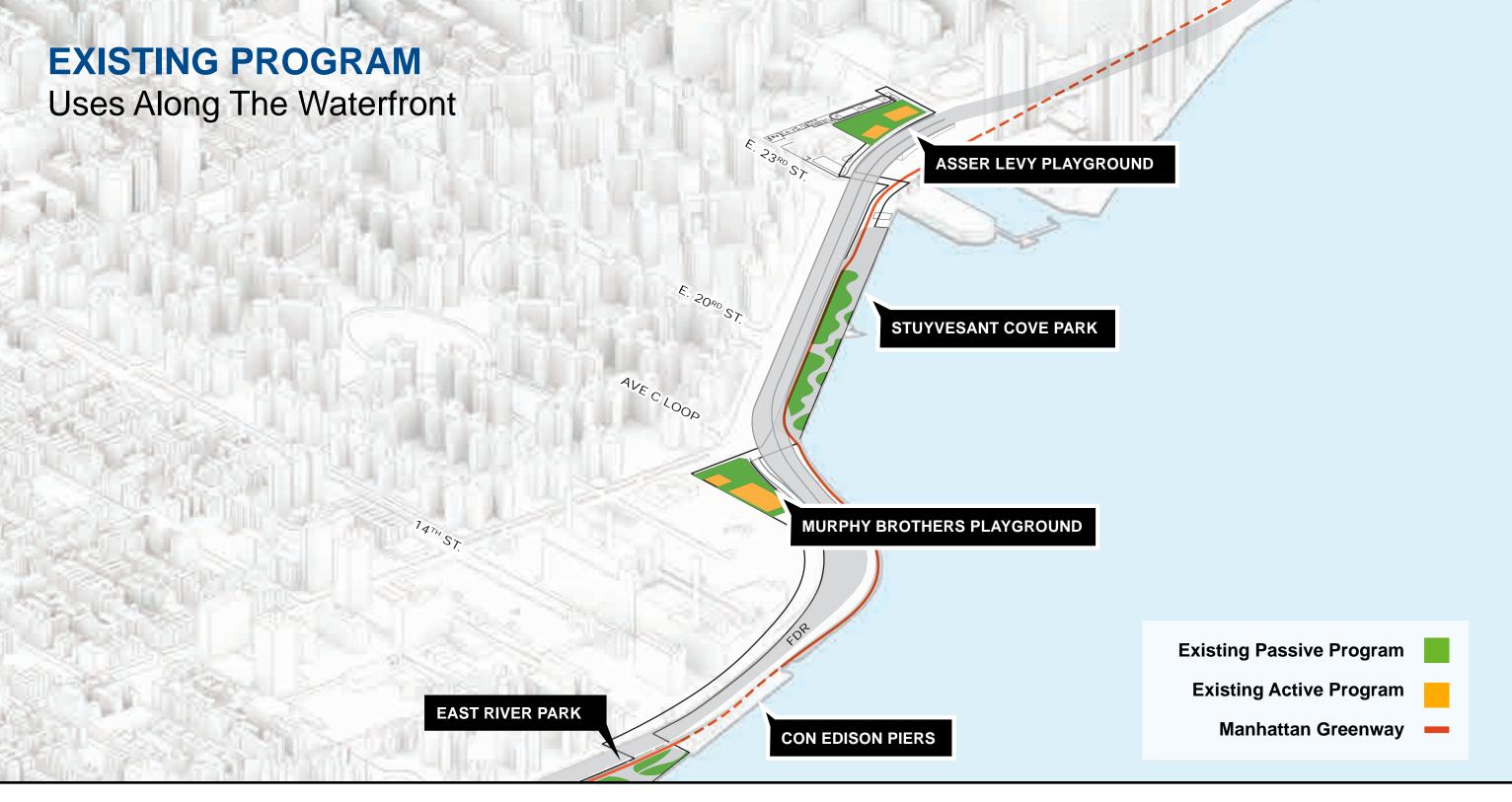
FLOODWALL

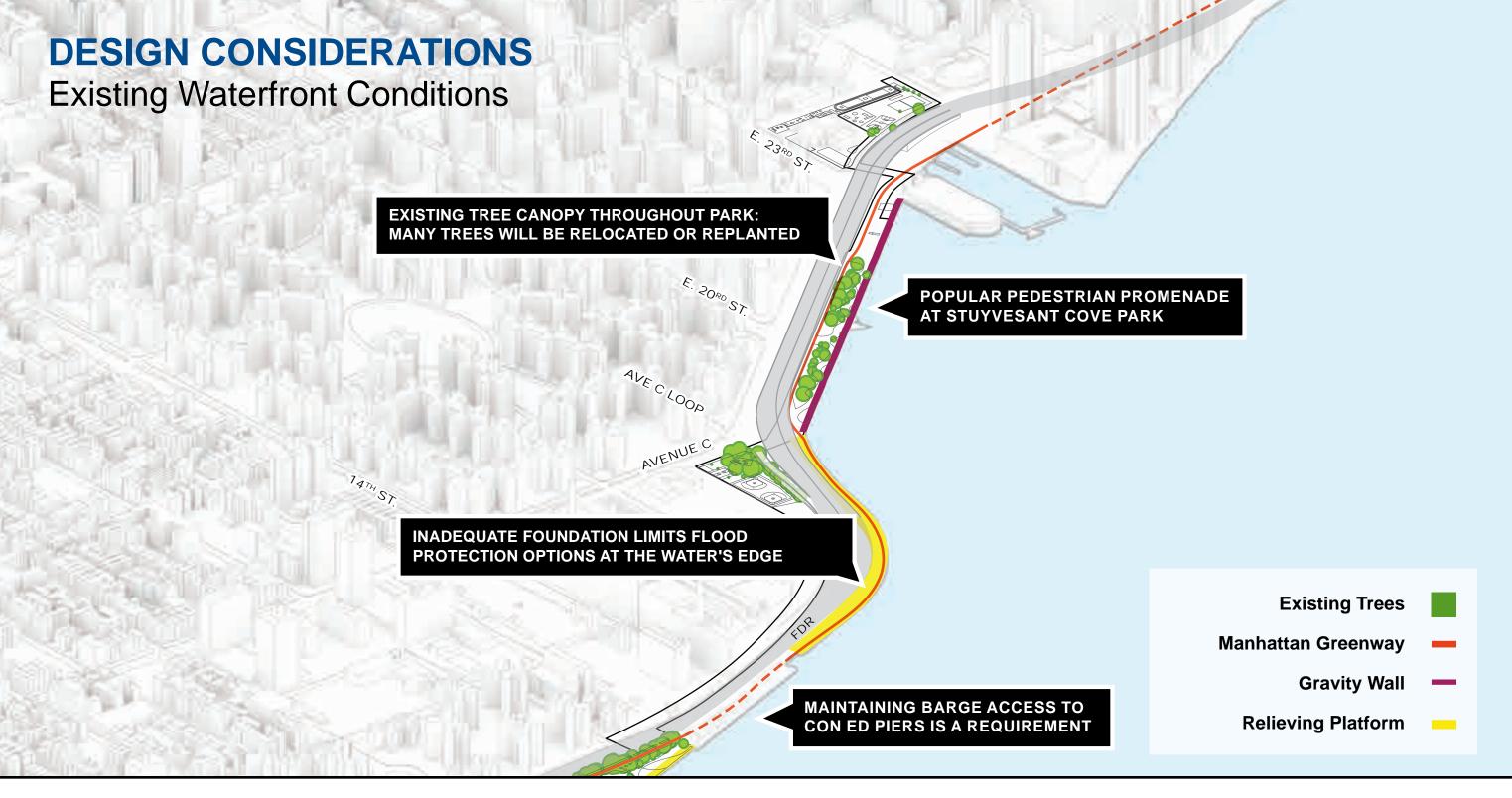
CLOSURE STRUCTURE

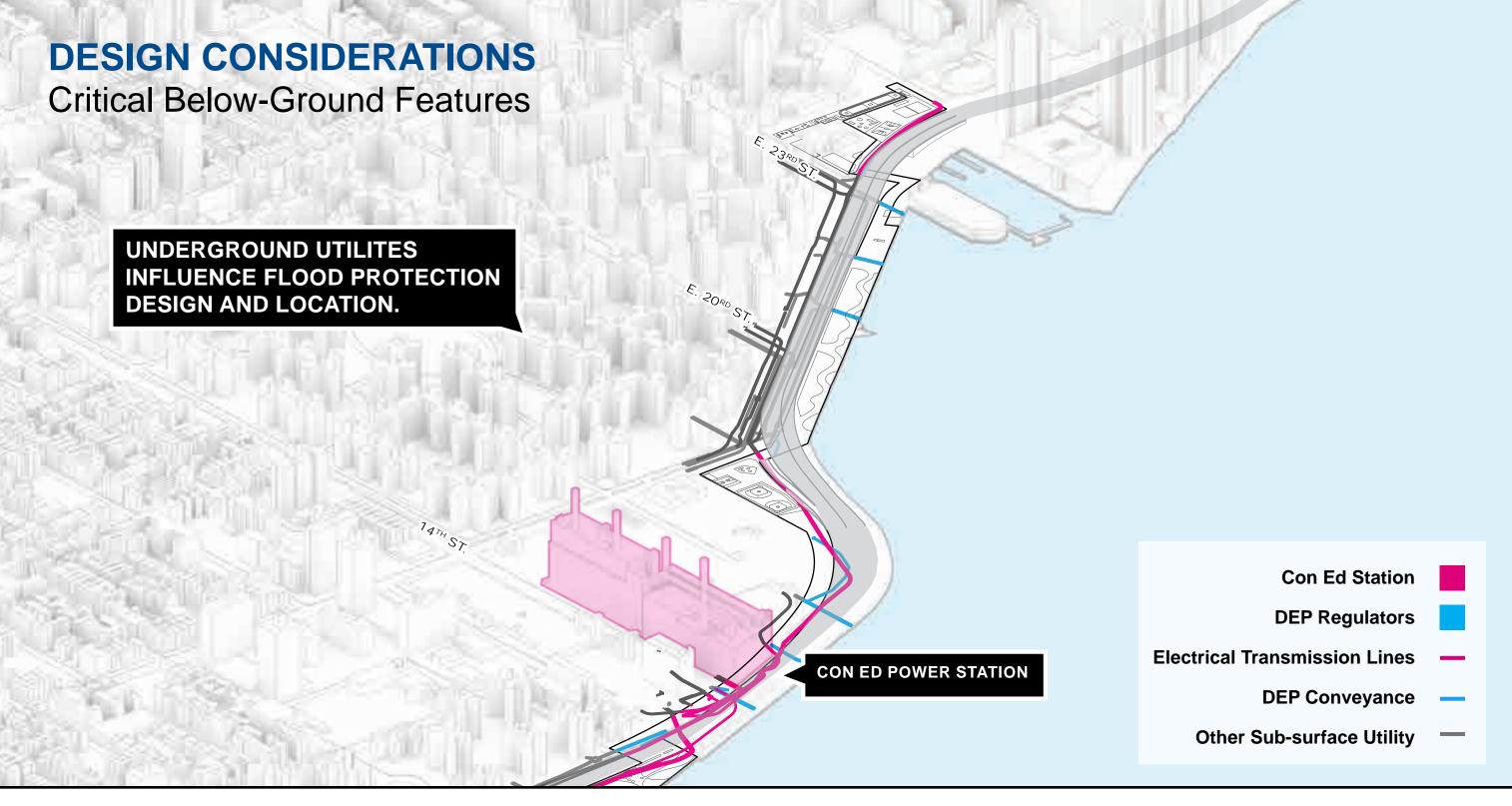


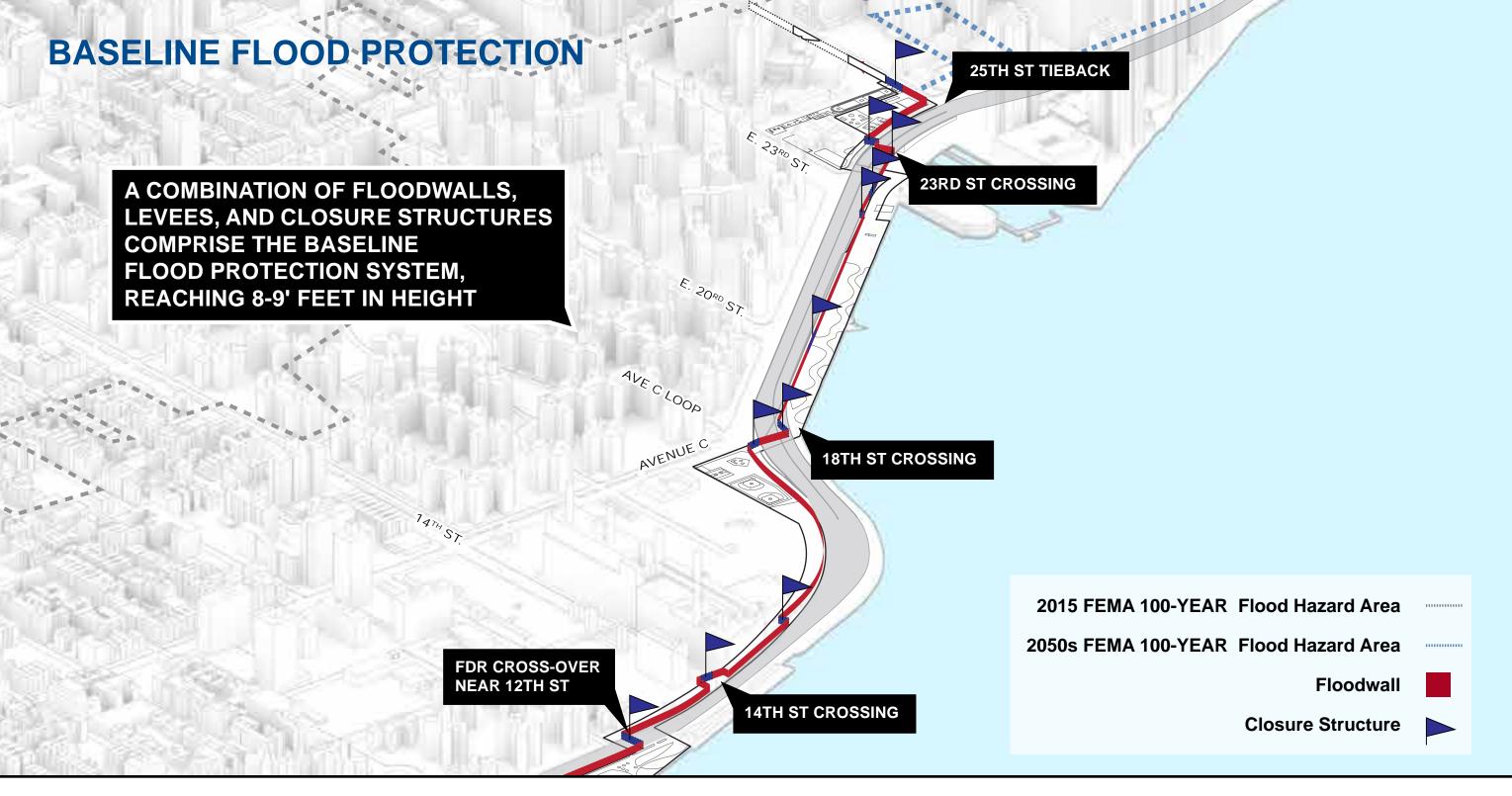


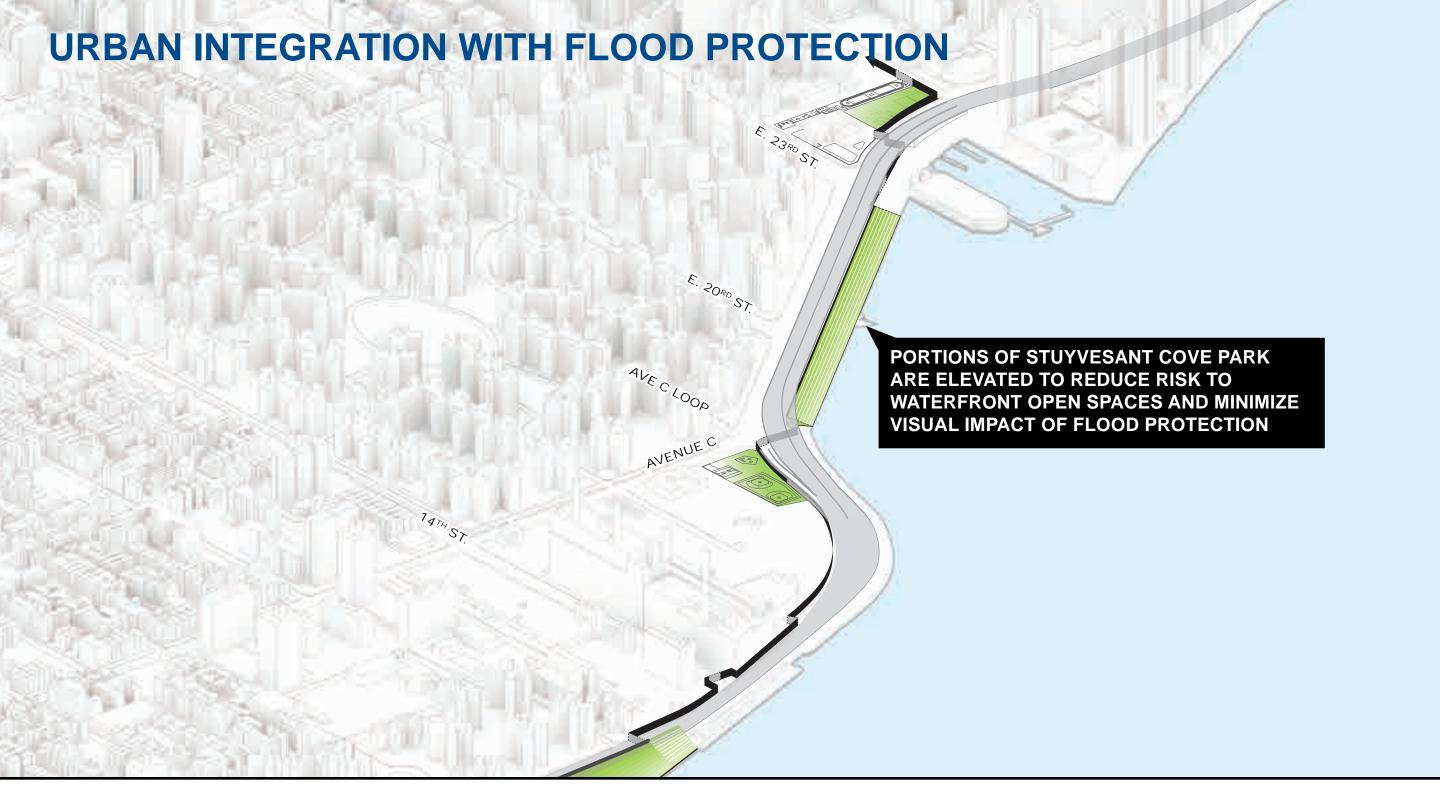




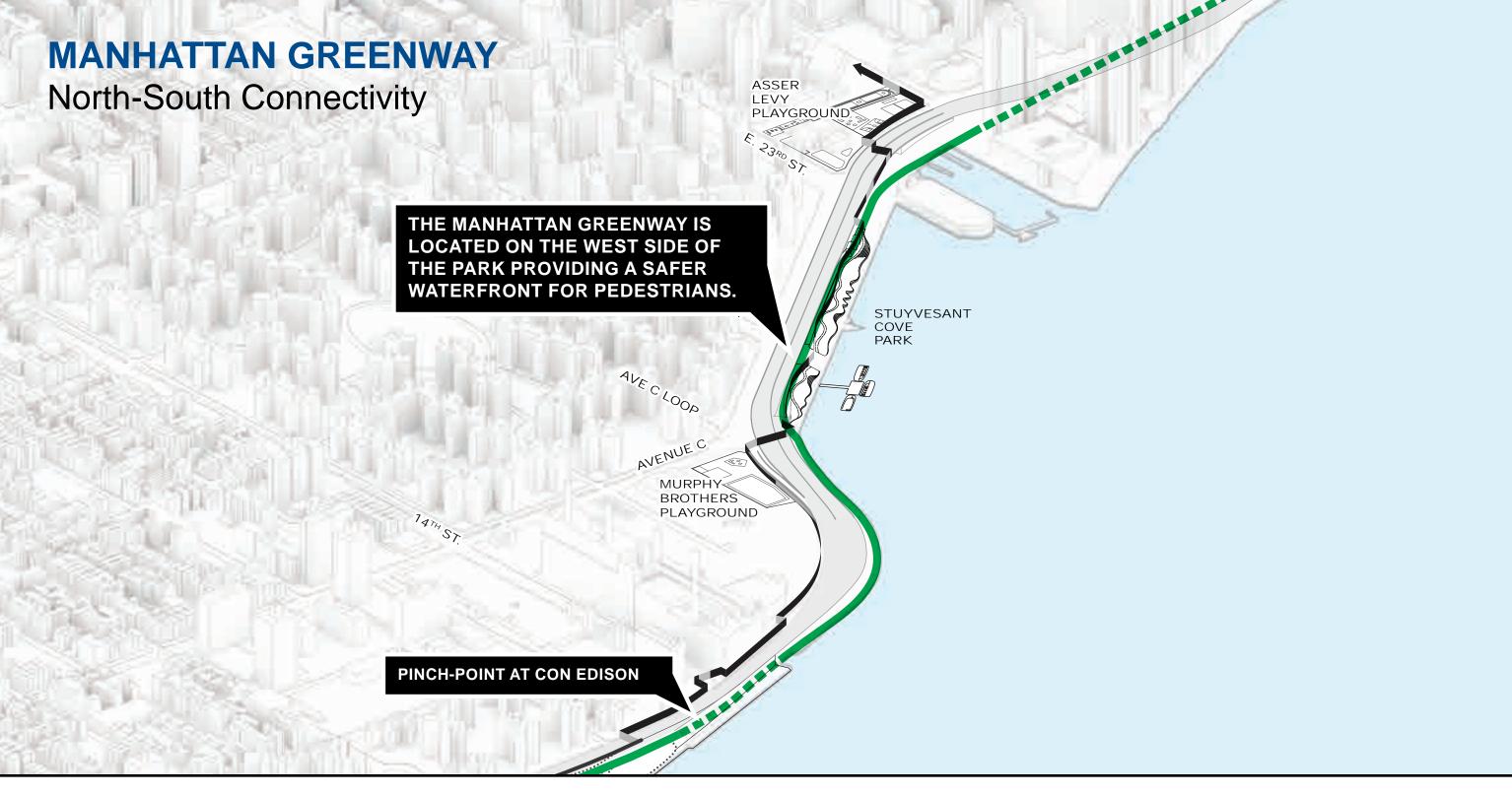


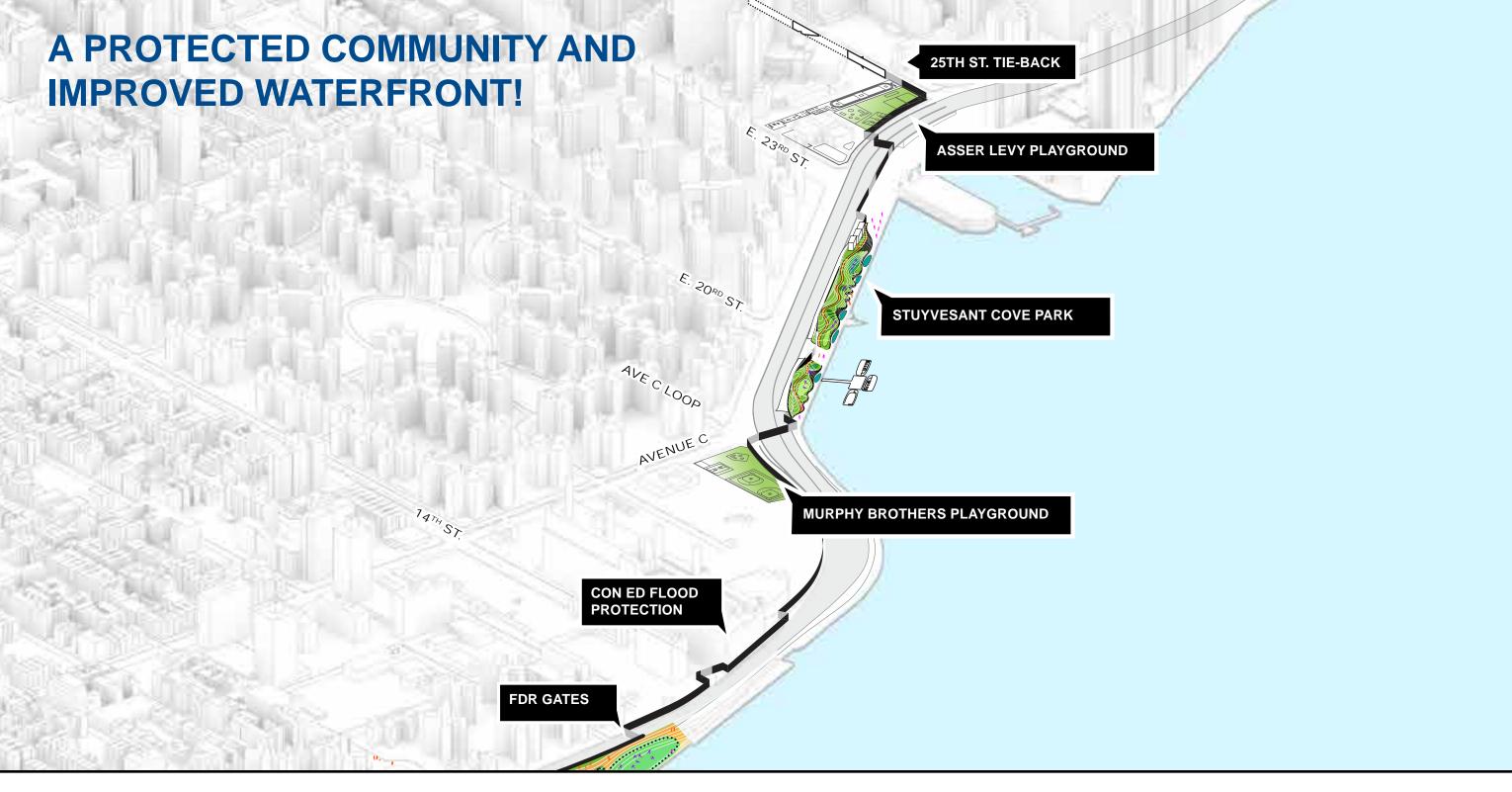




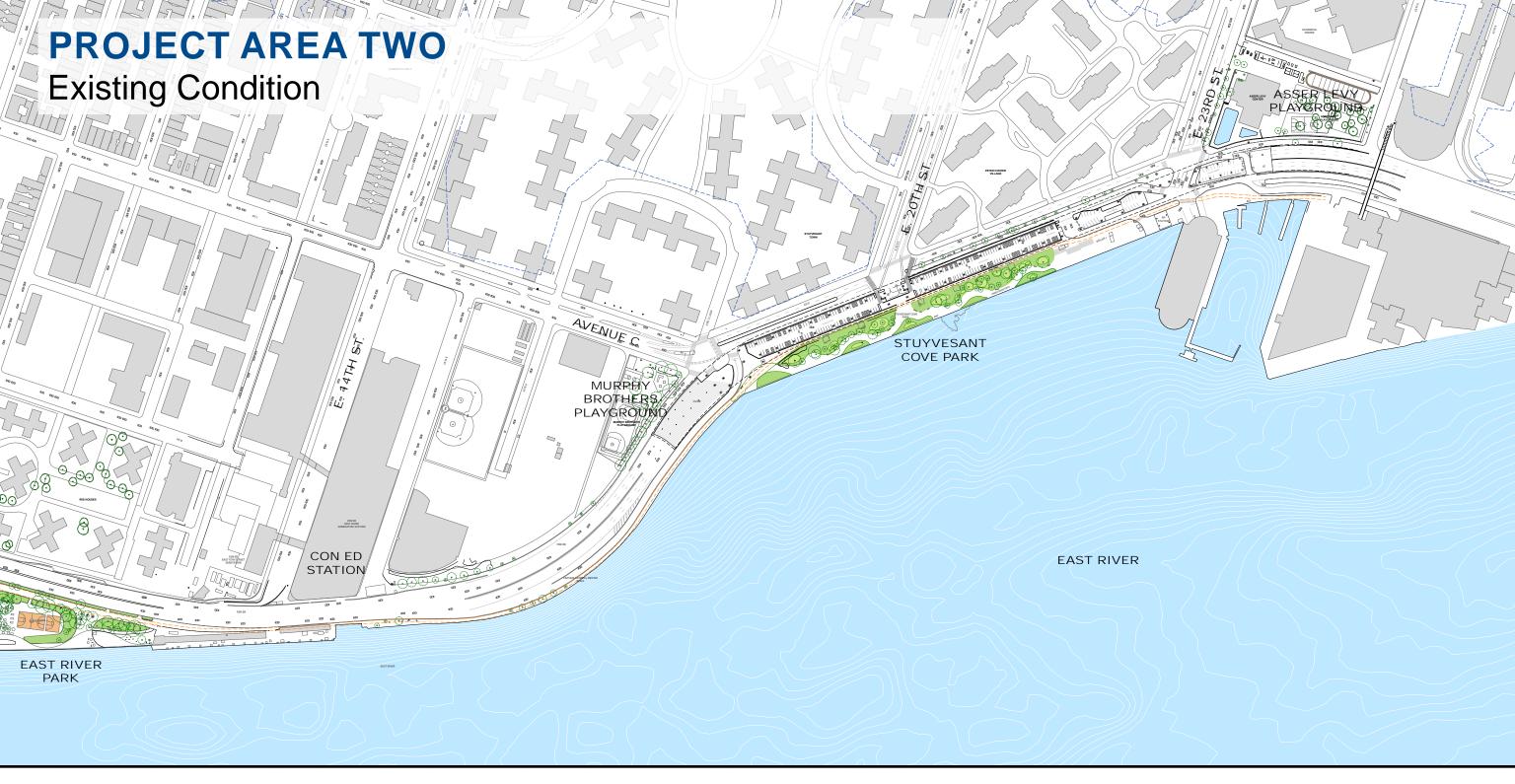


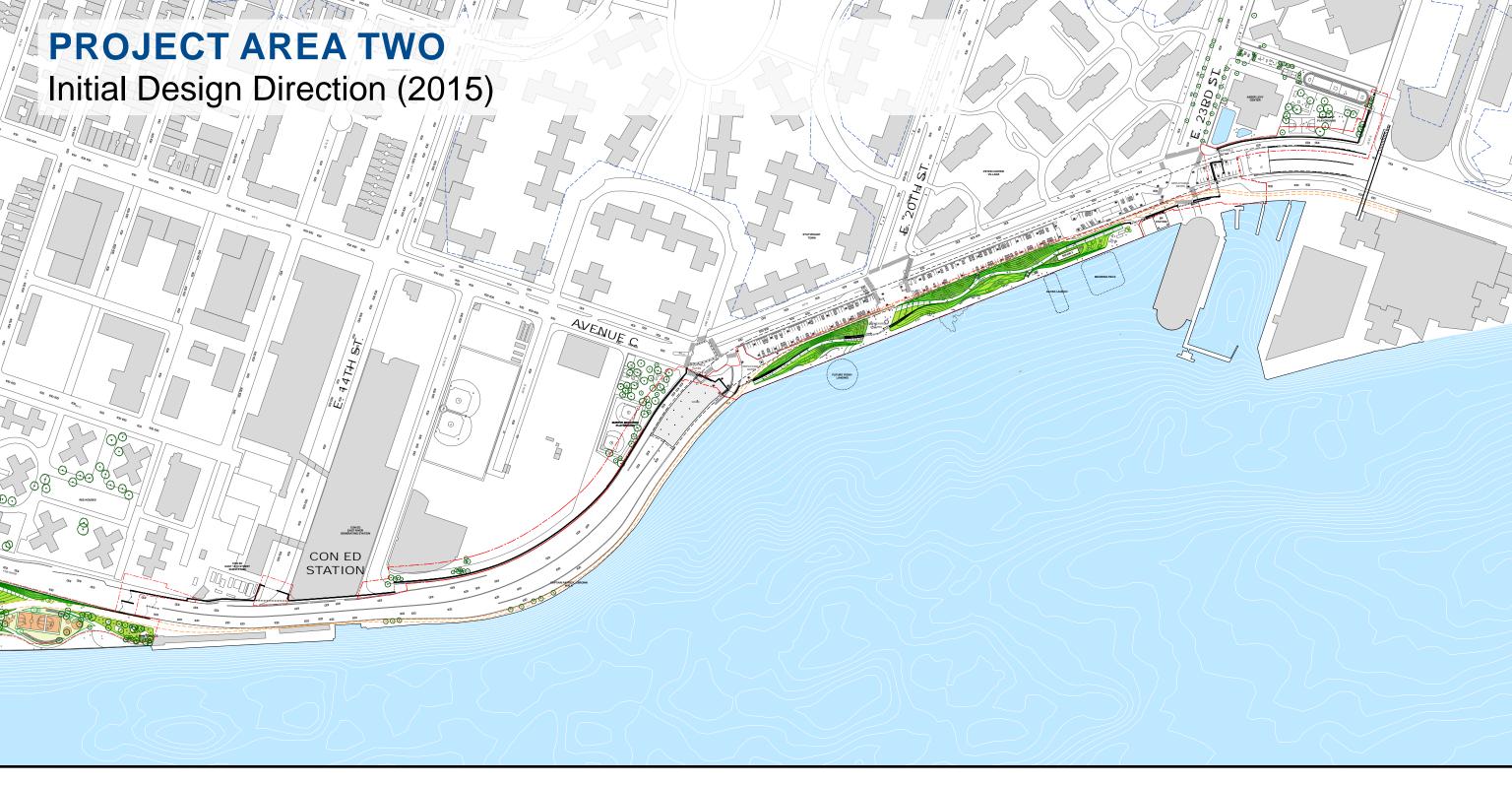


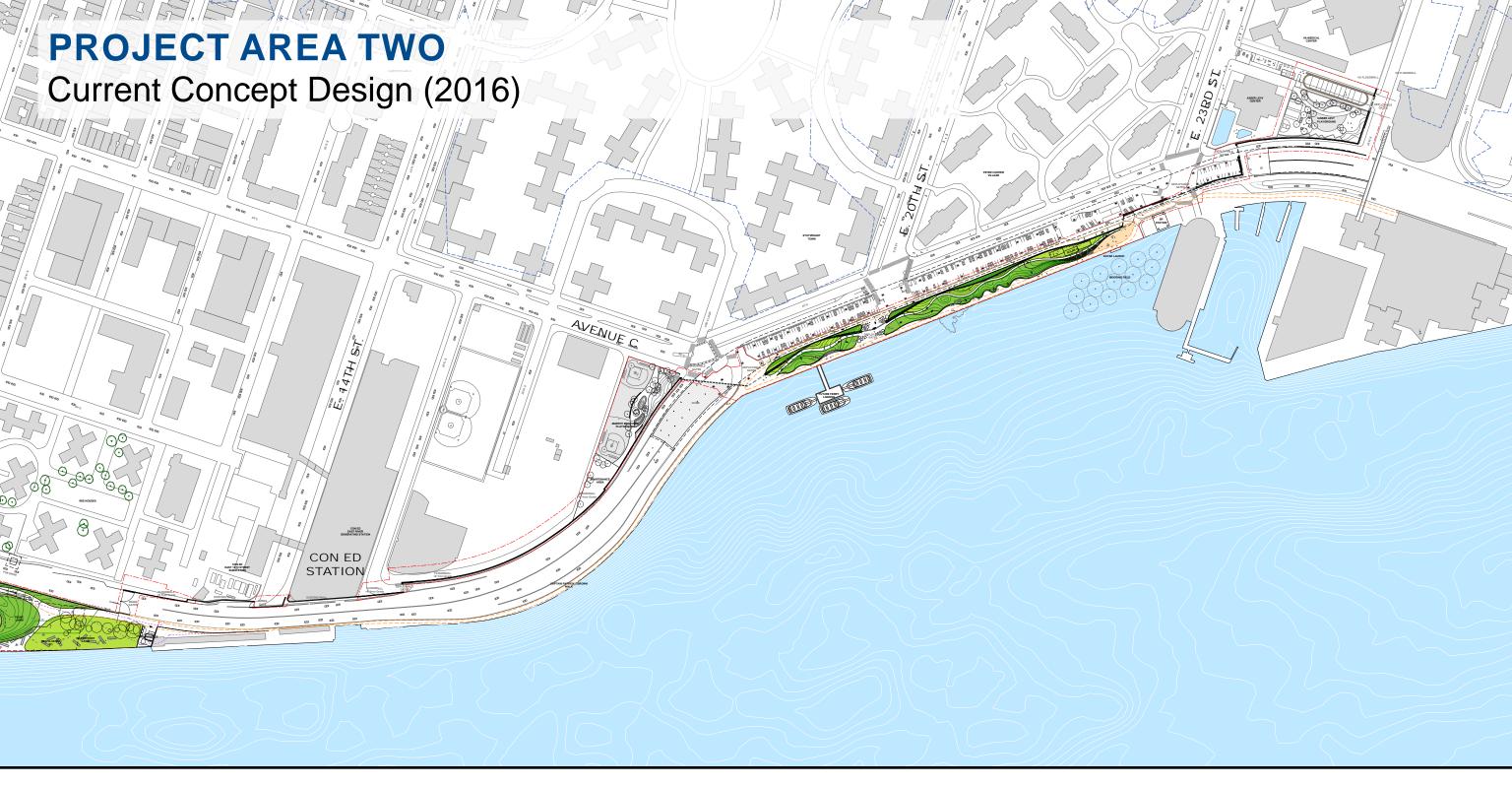


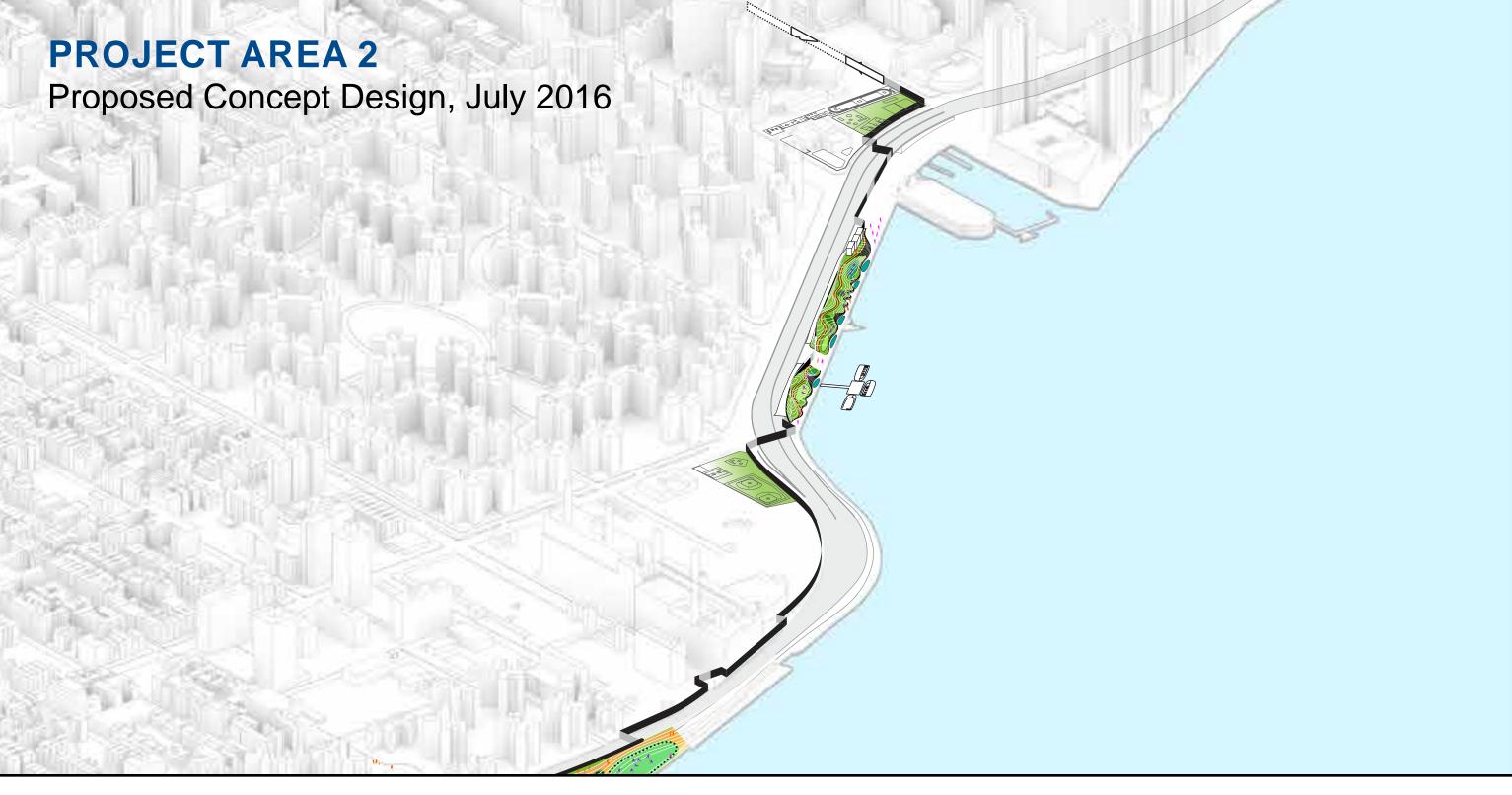


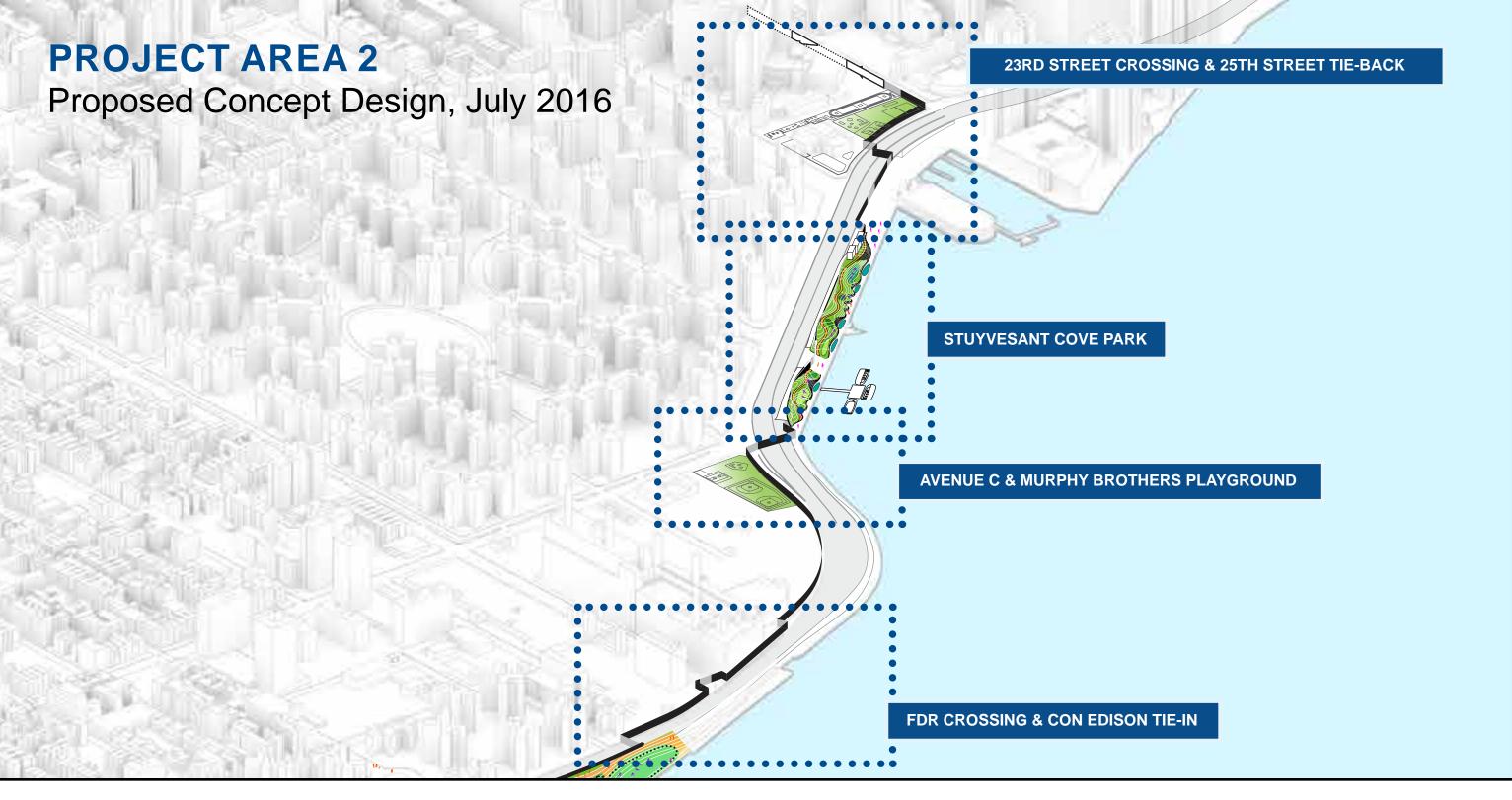
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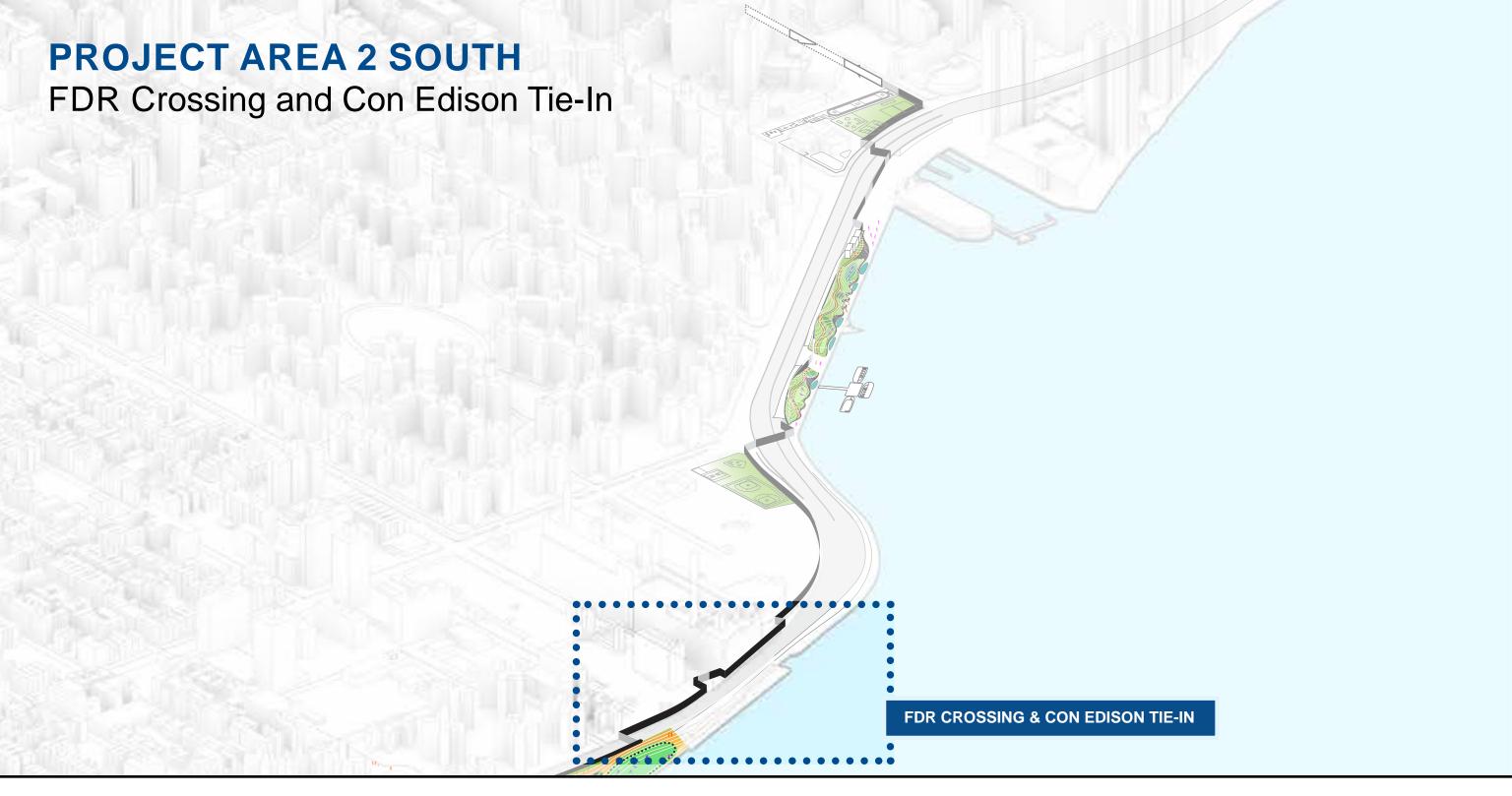






















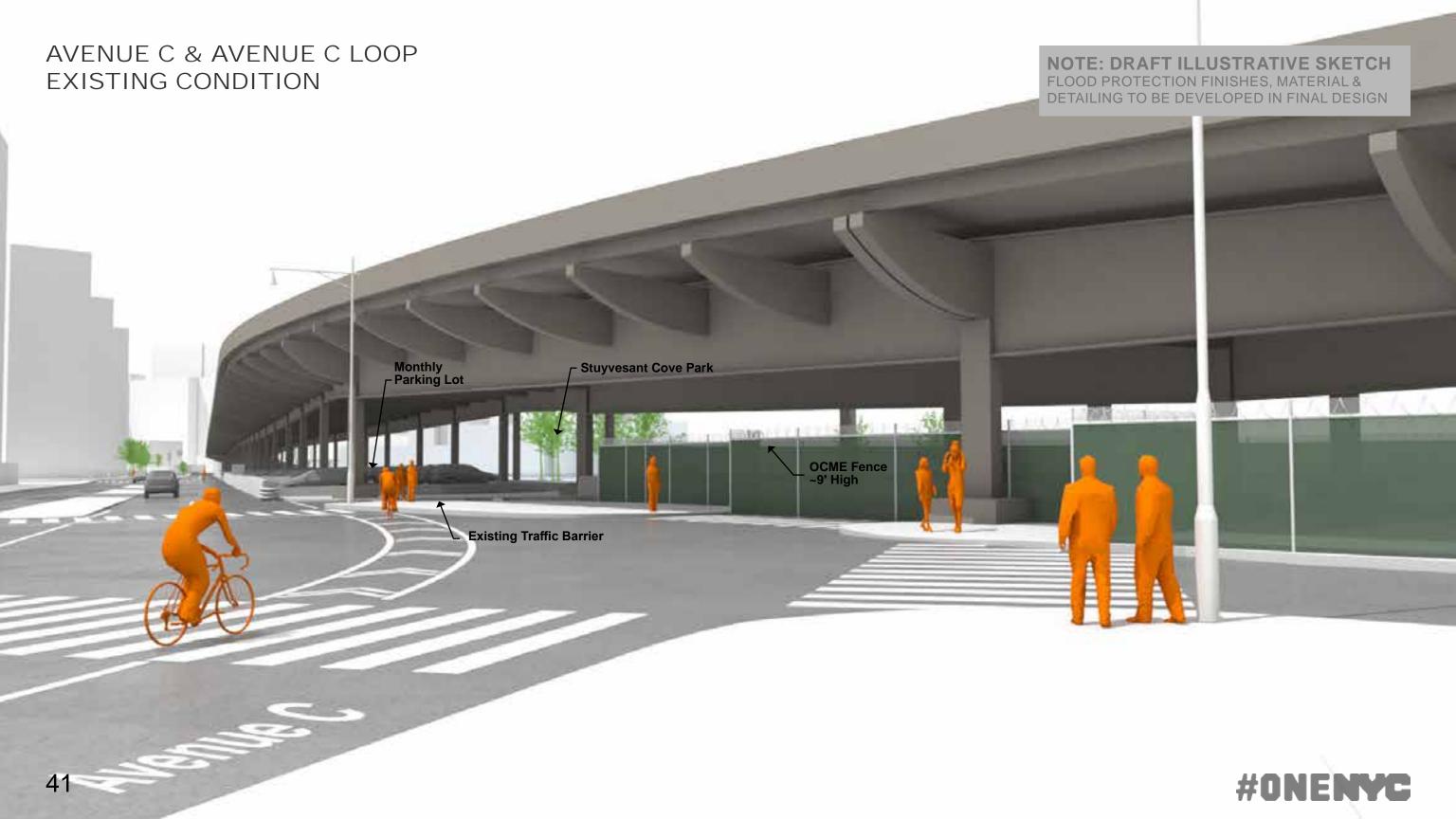
COMMUNITY ENGAGEMENT

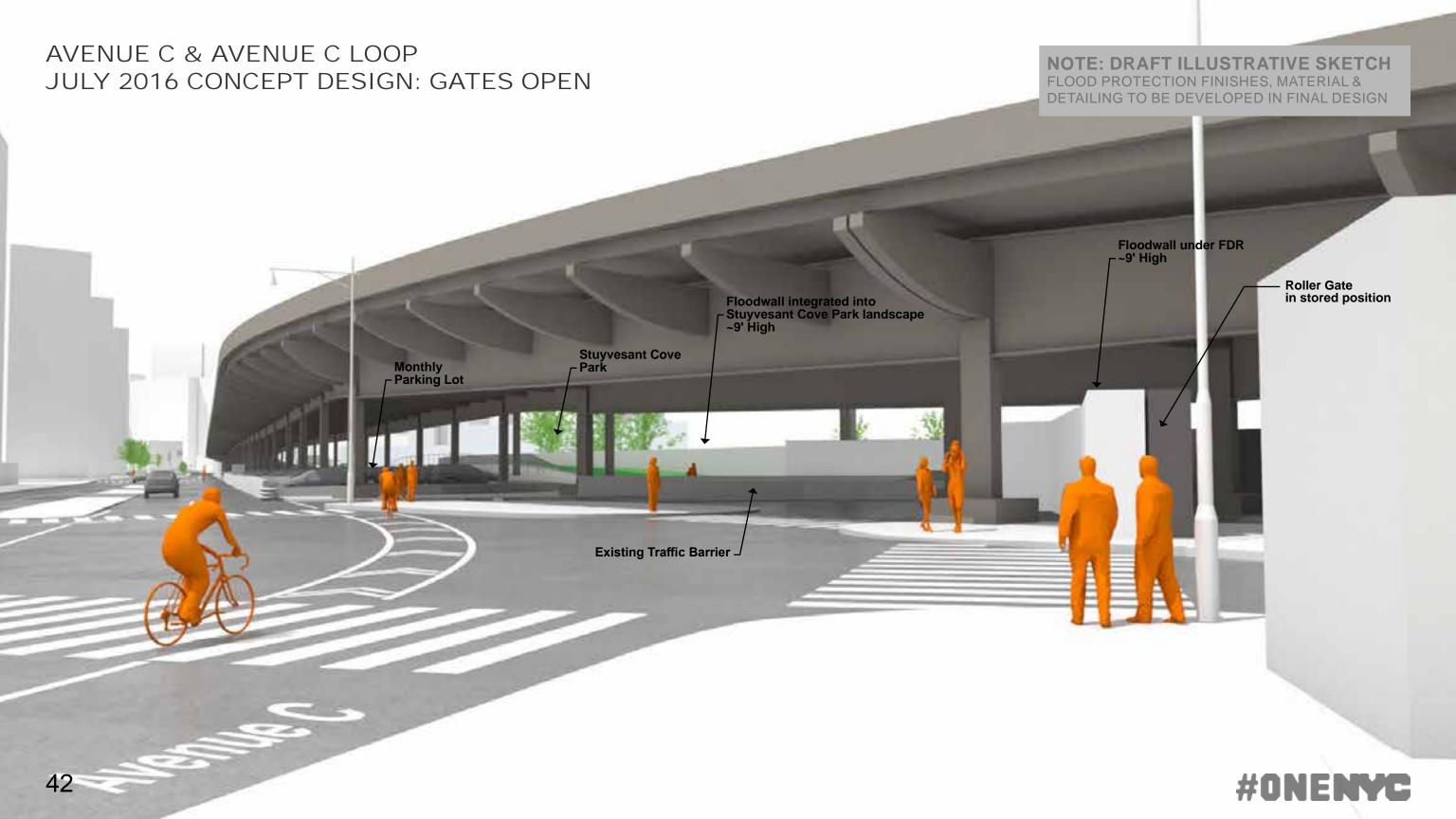
November 2016 Murphy Brothers Playground: Public Input Session

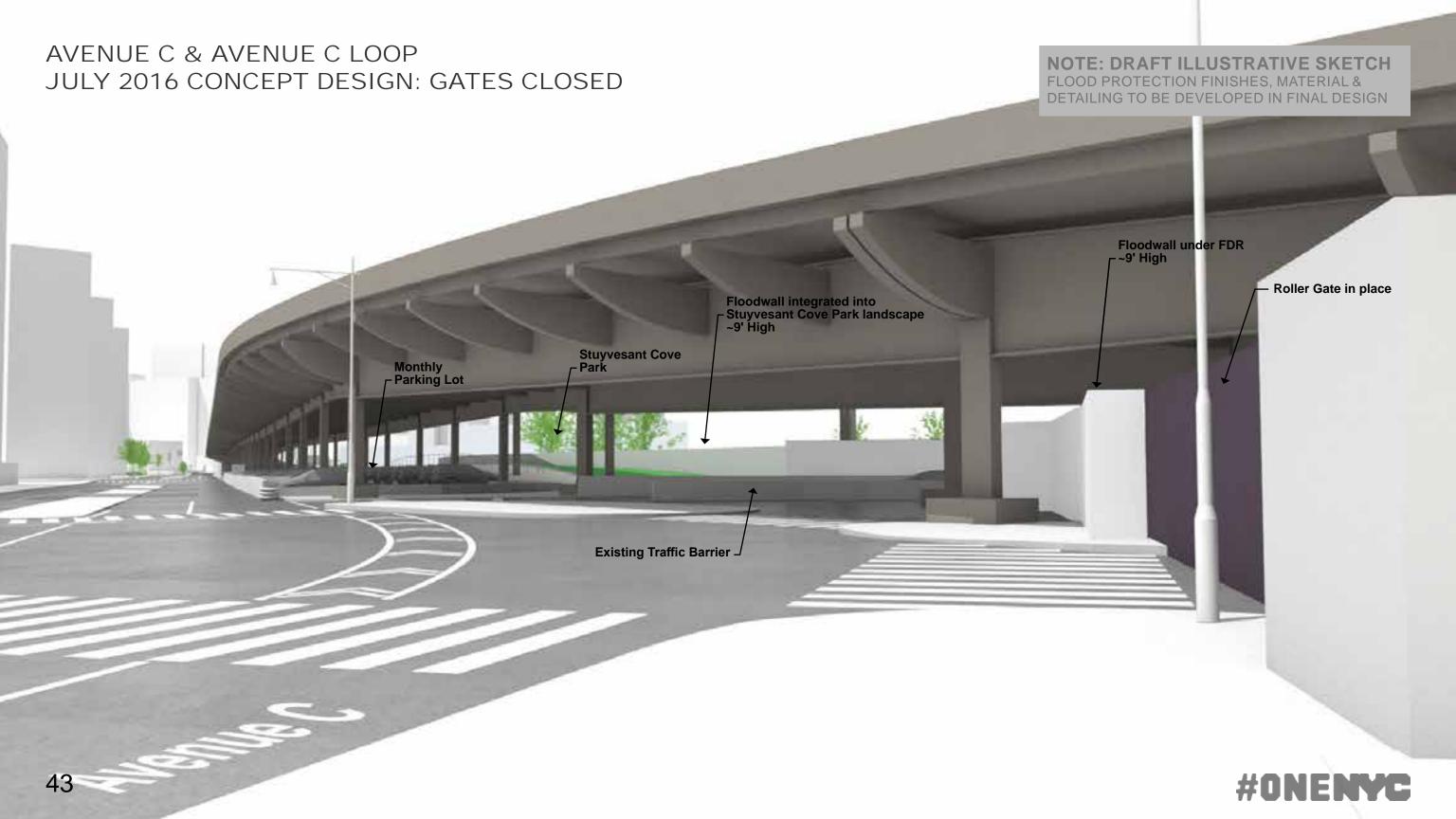










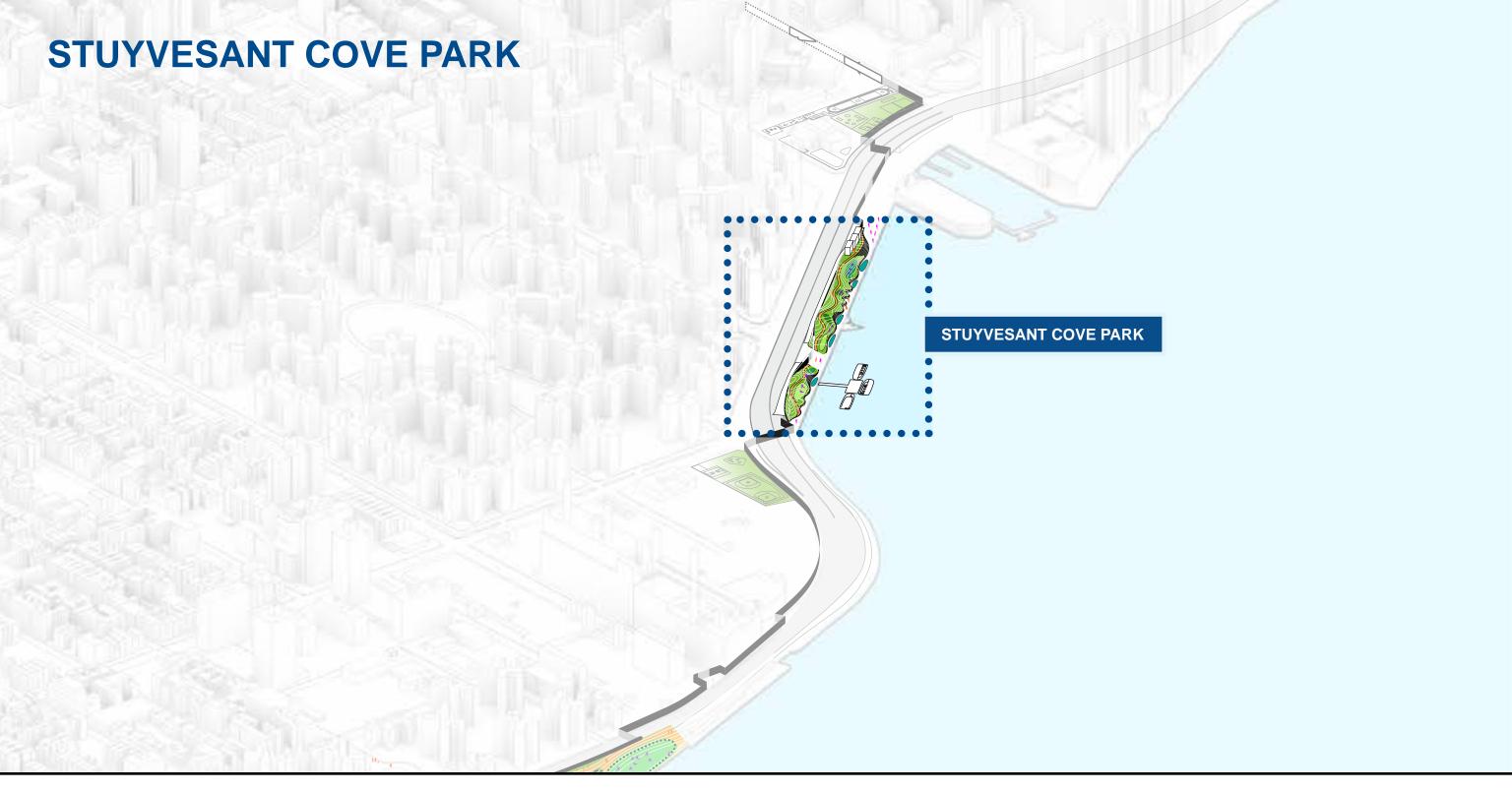












May 2015 Community Engagement Findings: Elevate Stuyvesant Cove Park



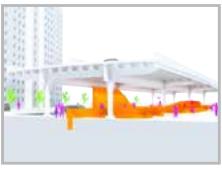
Ave. C Wiggle Wall



Ave. C Flip-Down Canopy



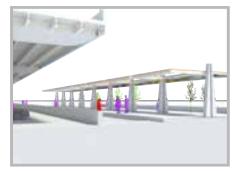
Protective Pavilions



FDR Big Bench



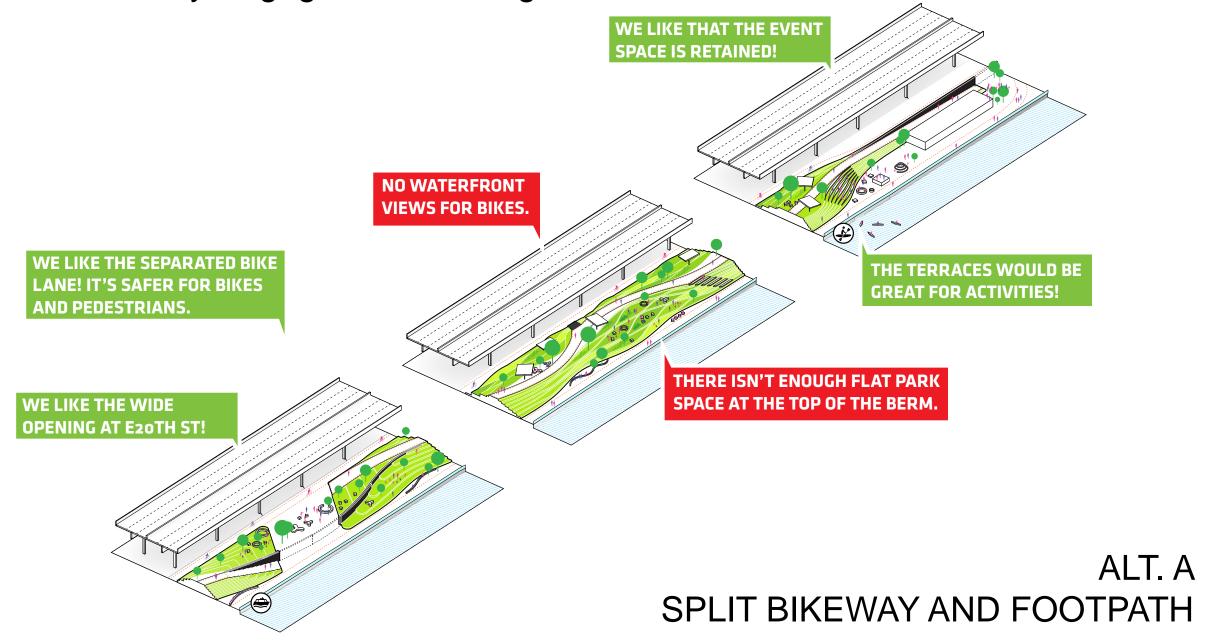
FDR Edge Flip-Down with Bench

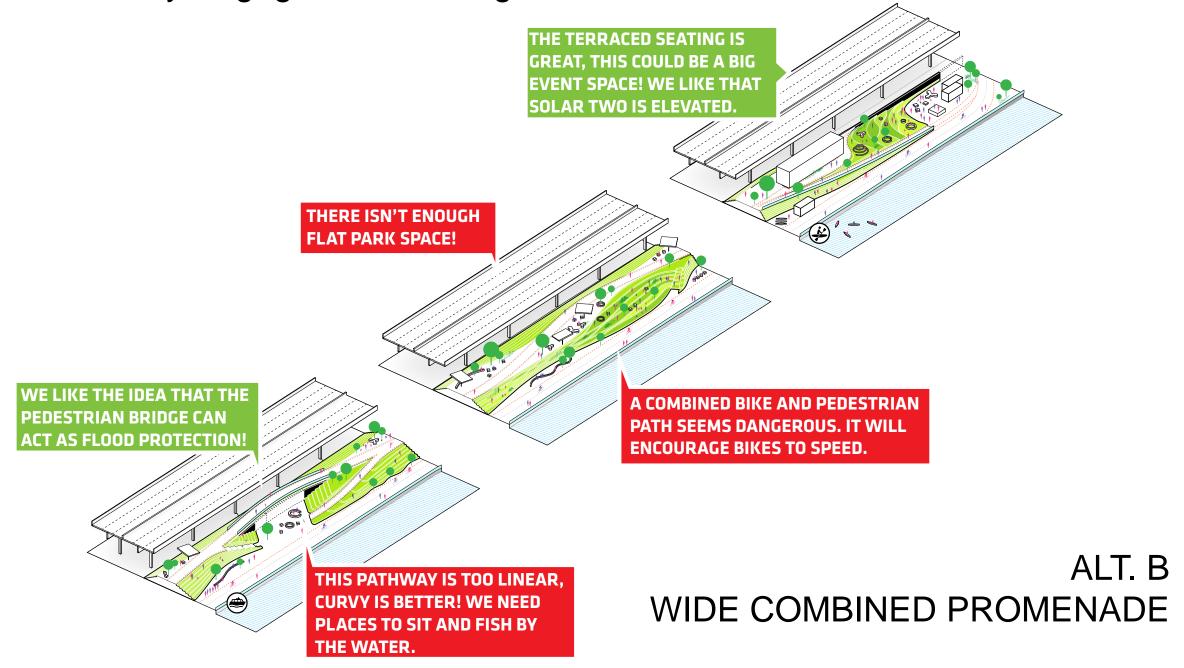


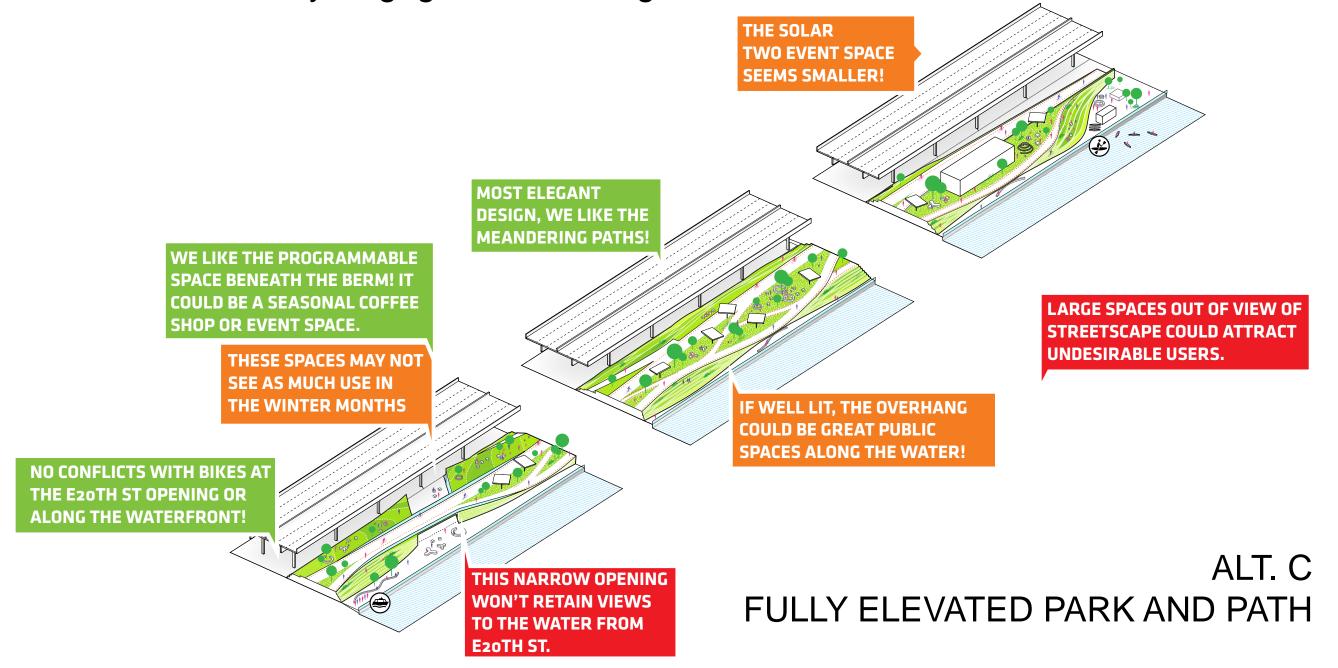
Flip-Down Park Canopy

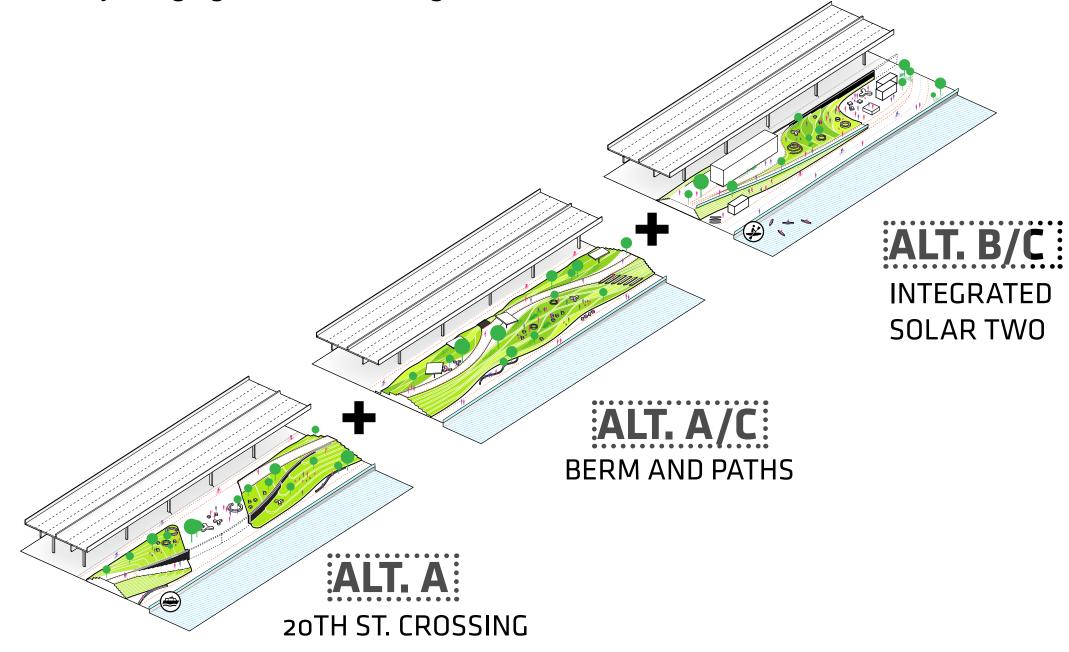


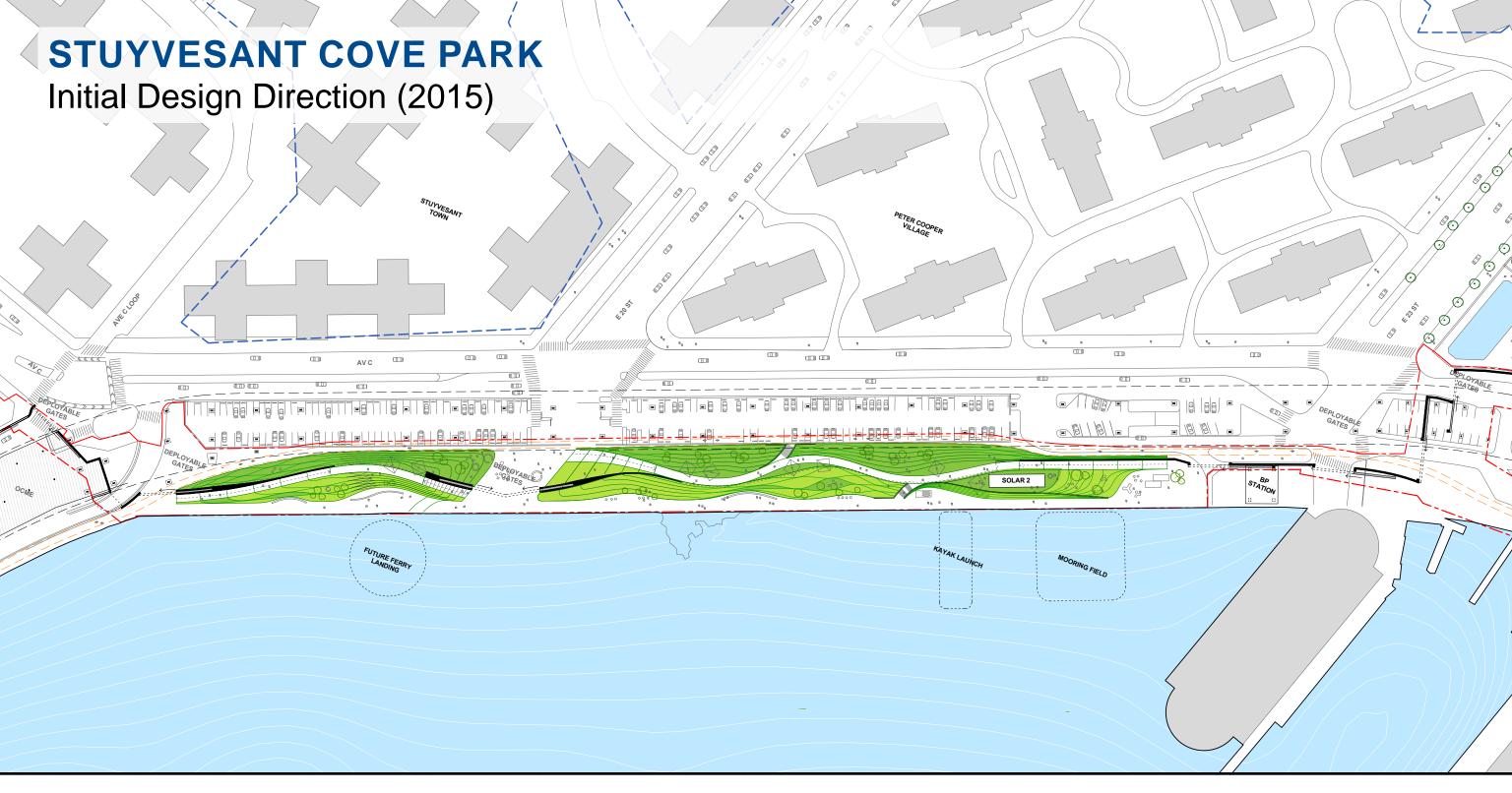
ELEVATED STUYVESANT COVE PARK

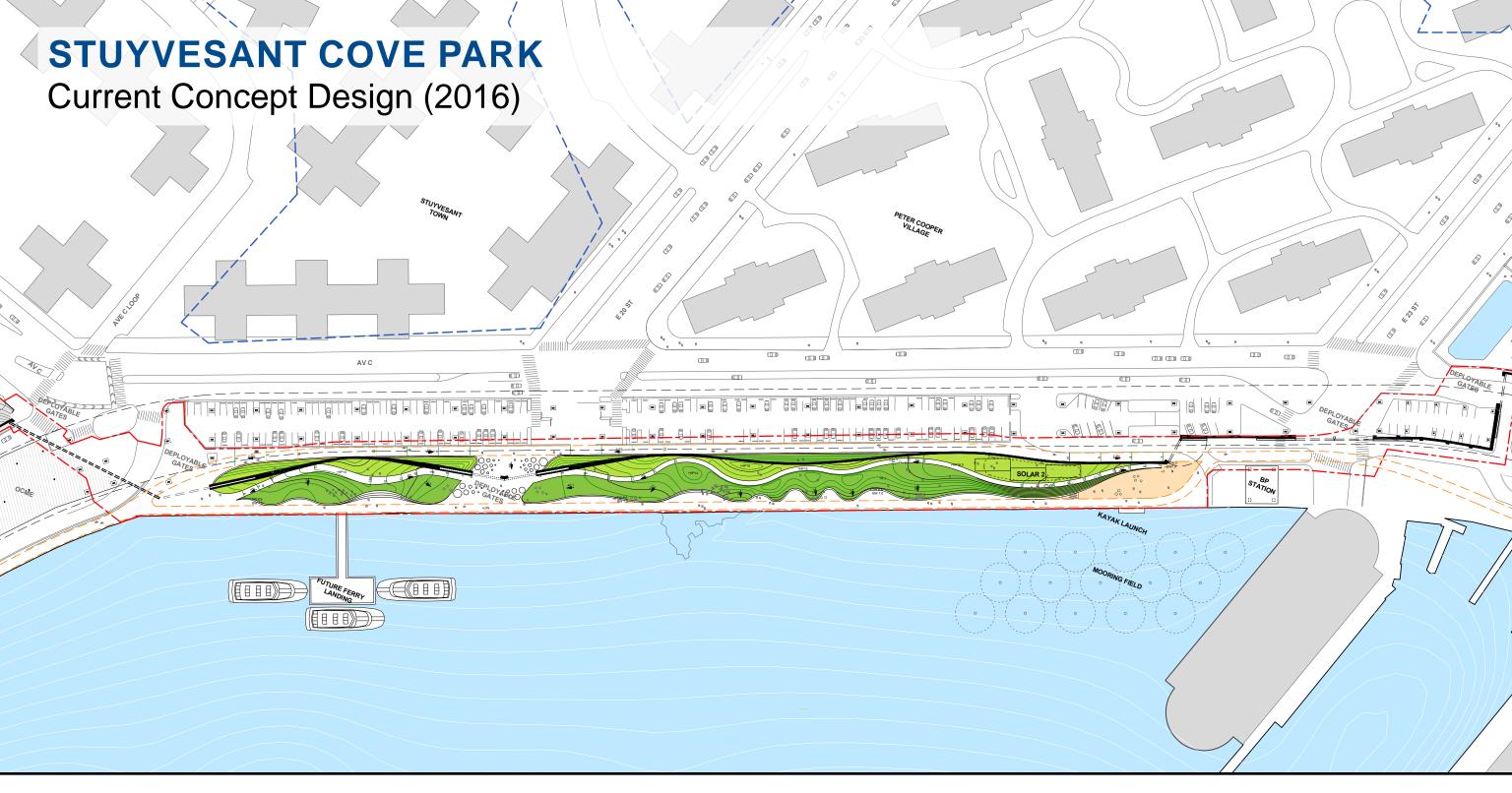








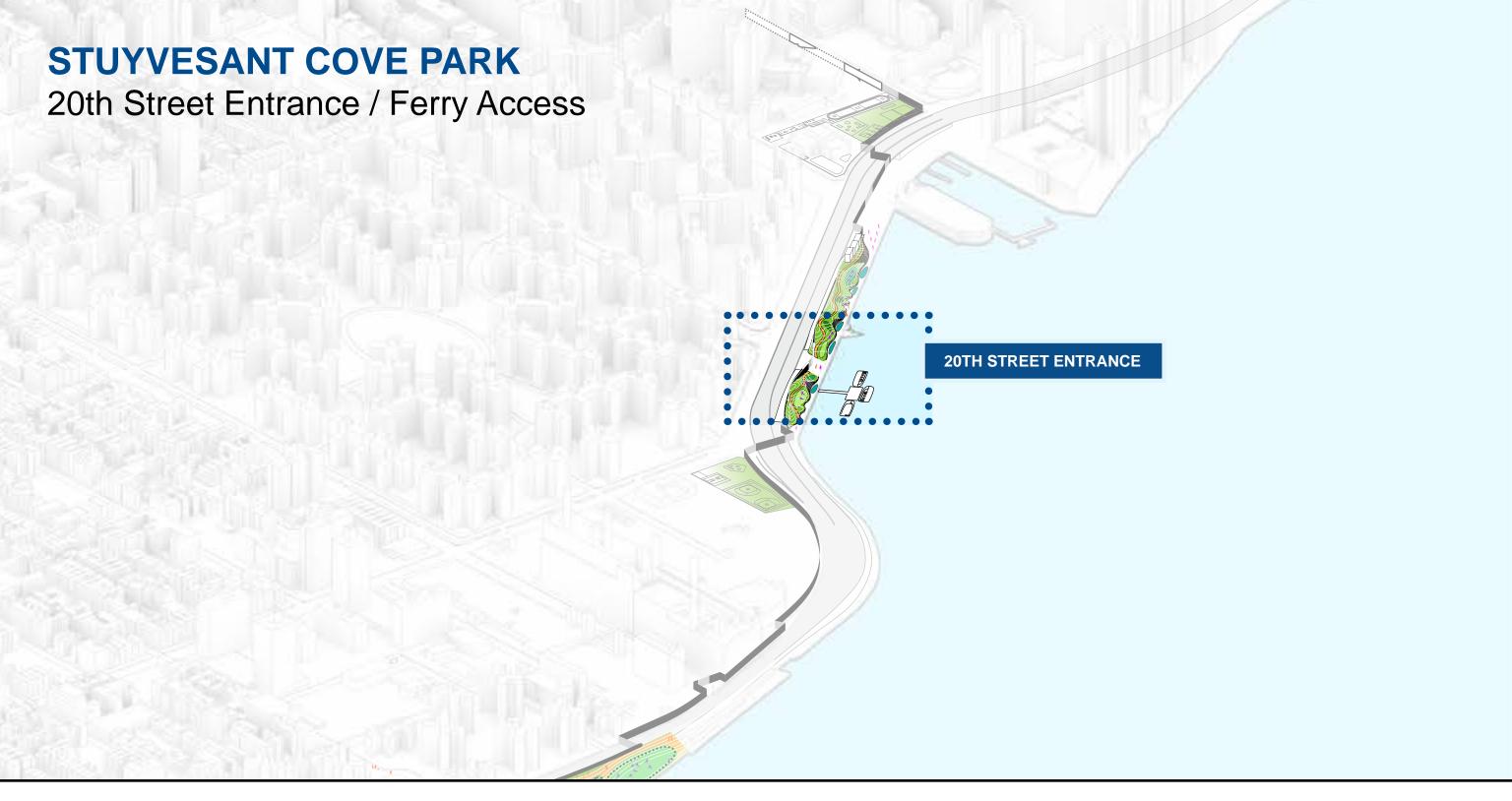










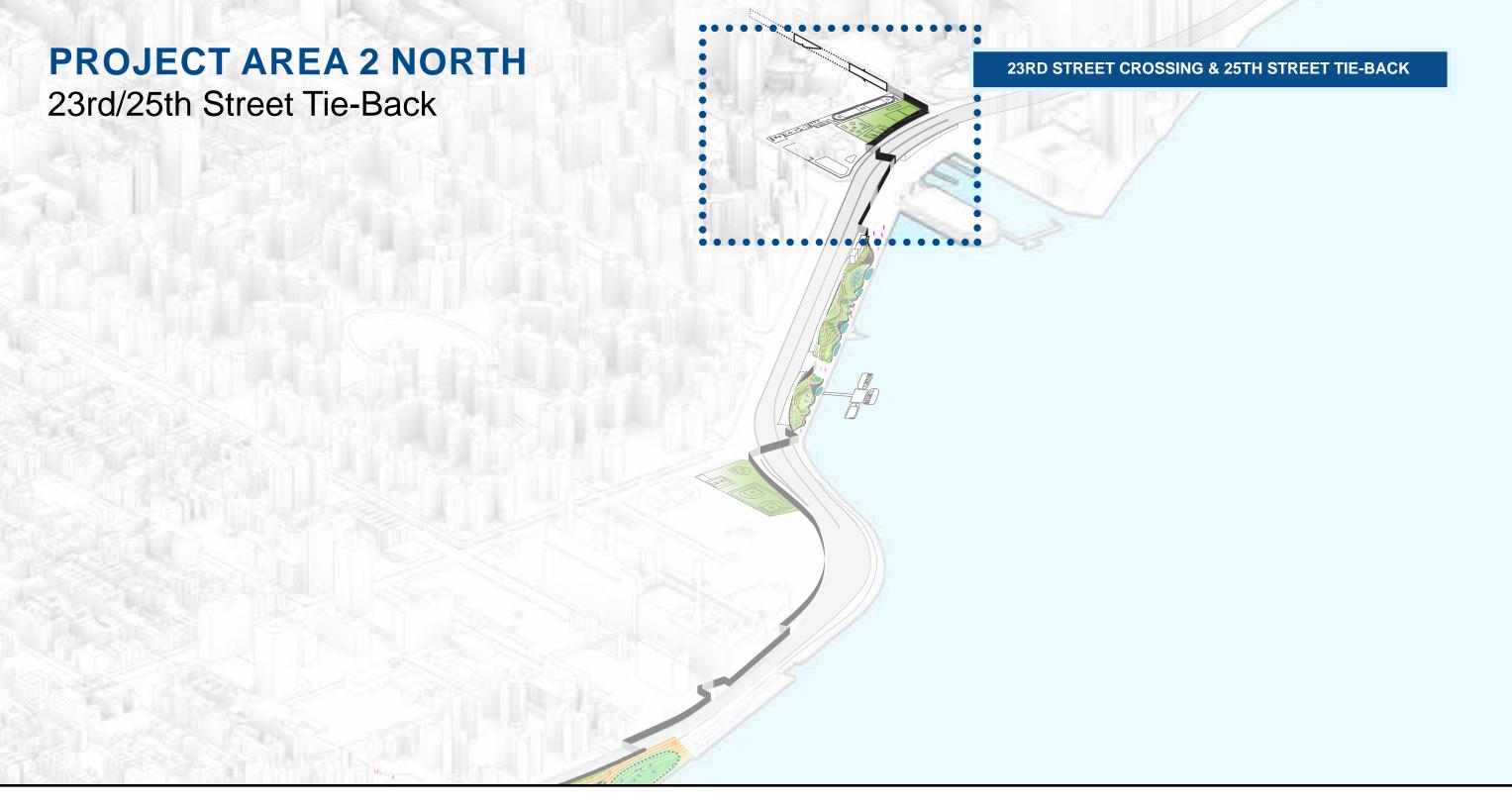




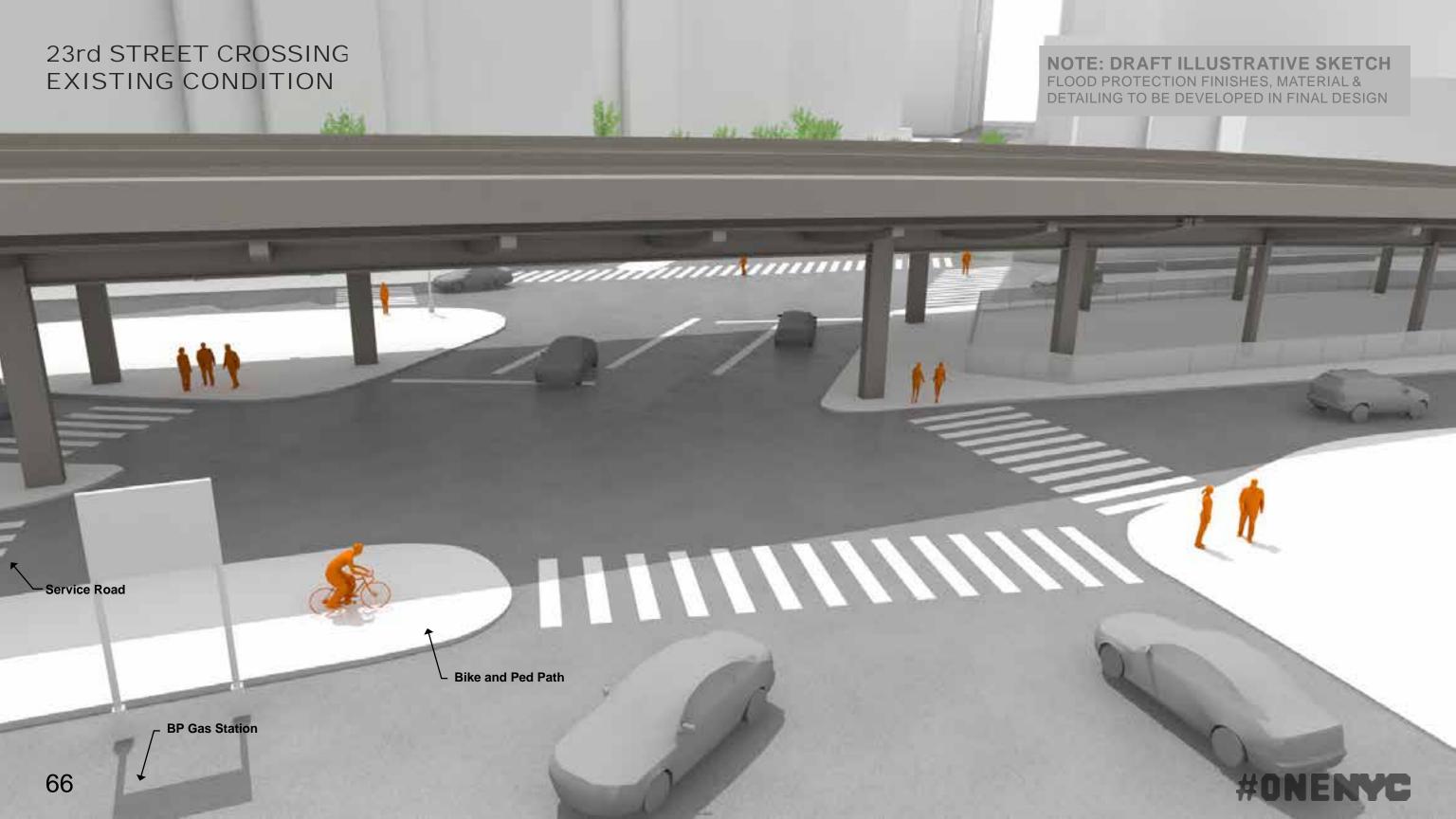


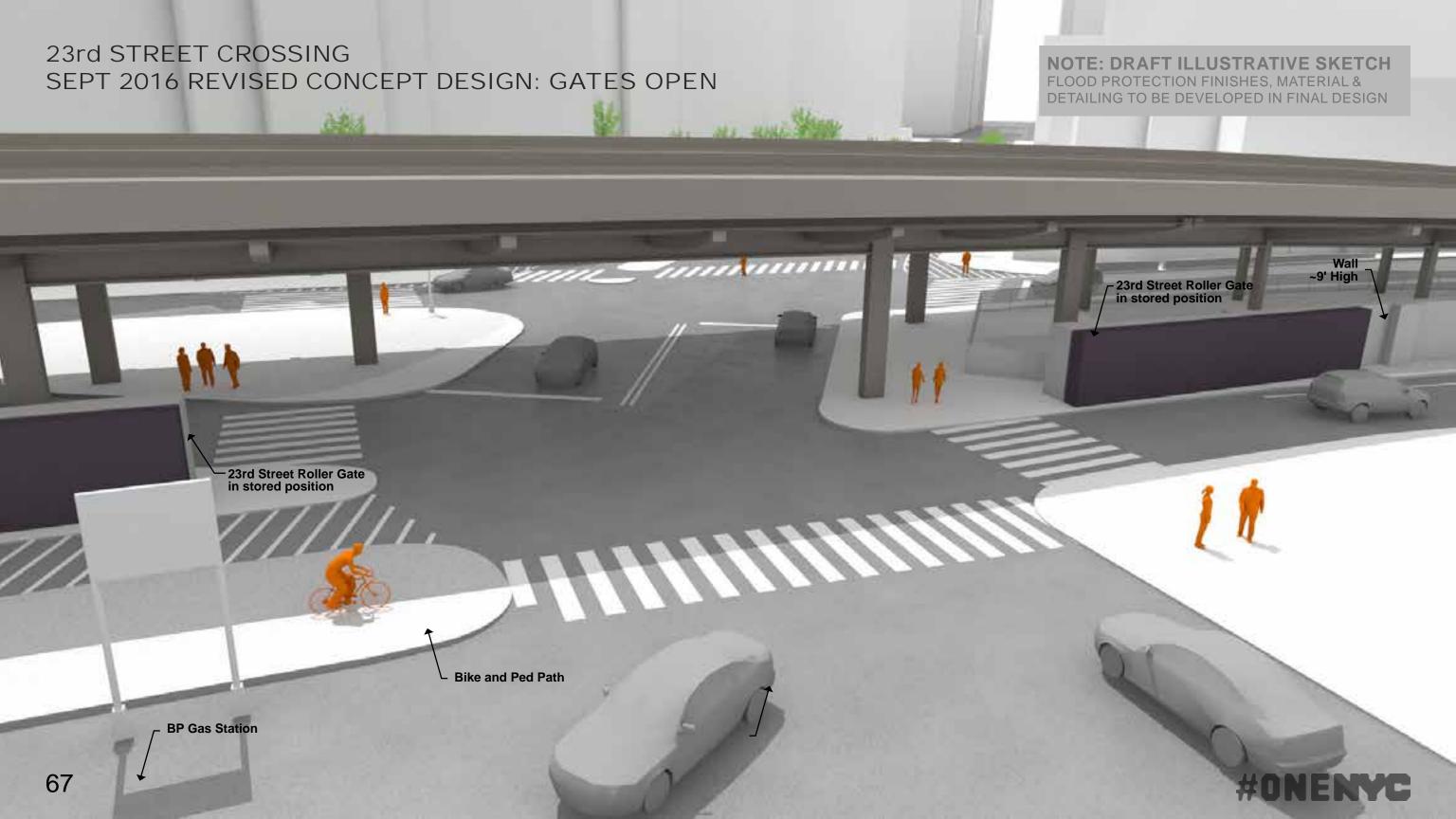




















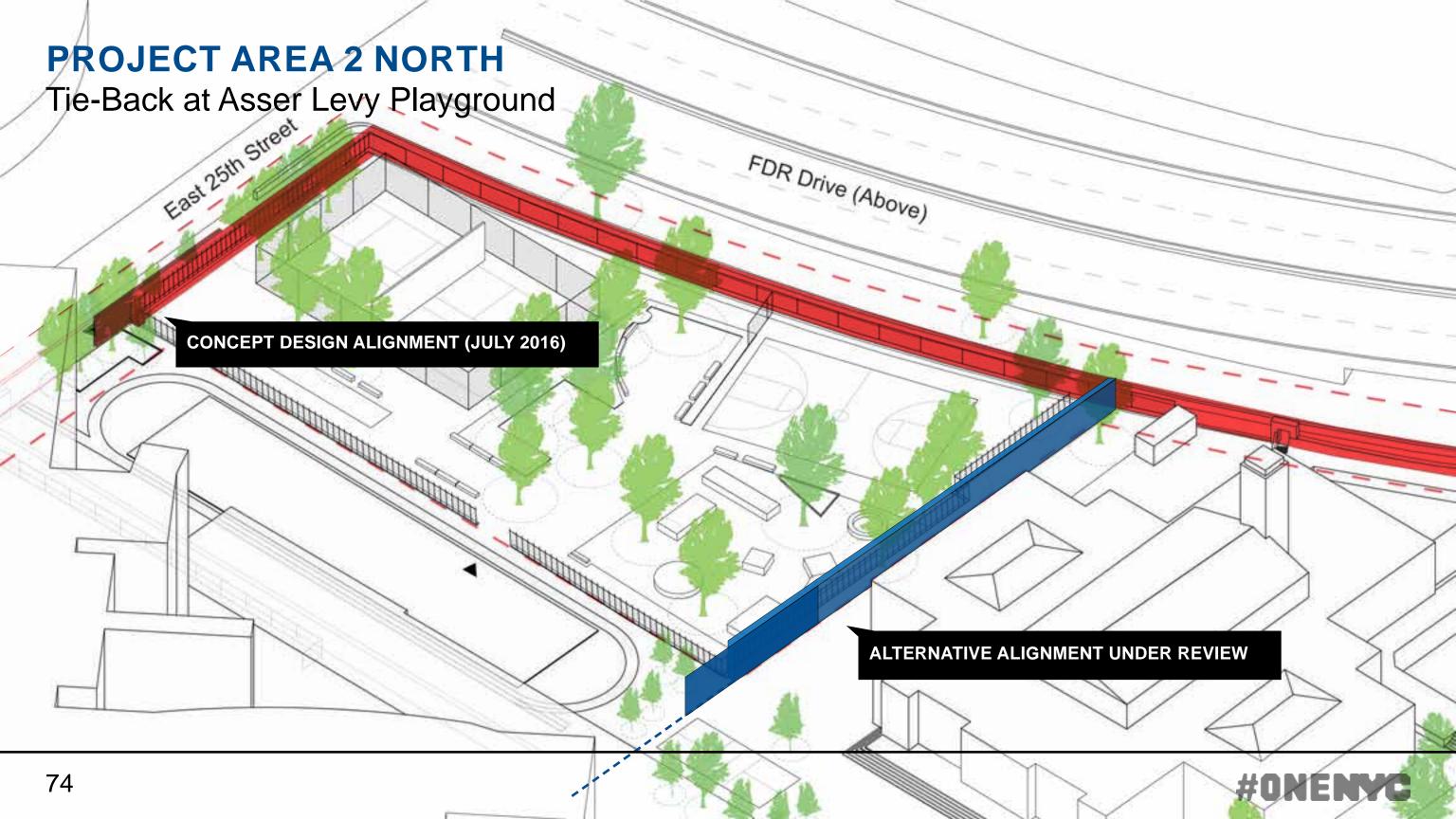


COMMUNITY ENGAGEMENT

November 2016 Asser Levy Playground: Public Input Session







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NEXT STEPS

Preliminary Design



WE ARE HERE

Concept Design

Dec. 2014 - Dec. 2015

Concept Revision

May 2016 - August 2016

Preliminary Design

September 2016 - February 2017

Final Design

March 2017 - October 2017

- -Plan Refinement
- -Detailed Planting Strategy
- -Materiality, Paving, and Furnishing
- -Design of Park Amenities
- -Detailed Park Design
- -Detailed Wall and Tie-Back Design
- -Detailed Bridge Design
- -Detailed M+O Strategy
- -Construction Sequencing

NEXT STEPS

Community Engagement

Community Engagement Meeting Project Area 1 Focus

December 1, 2016, 6:30 PM

Gouverneur Health Center Auditorium (227 Madison Street)

December 7, 2016, 6:30 PM

Cornerstone Community Center at Campos Plaza (611 East 13th Street)

CB3/CB6 Waterfront Task Force Meeting

January 2017 (Date/Time/Location, TBD)

Community Board Meeting(s) – Related to PDC Design Review

Late-Winter/Early-Spring (Dates/Times/Locations, TBD)

CB3/CB6 Waterfront Task Force Meeting

Spring 2017 (Date/Time/Location, TBD)

Ongoing Stakeholder Outreach/Meetings

Winter/Spring 2017

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DISCUSSION

TABLE DISCUSSION FOCUS AREAS

- 1. Project Area 2 South: Con-Ed Tie-in and FDR Crossing
- 2. Avenue C:
 Murphy Brothers Playground & 18th Street Crossing
- 3. Stuyvesant Cove Park
- 4. Project Area 2 North:
 Asser Levy Playground, 23rd Street Crossing, and 25th Street Tie-back



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