

#ONENYC



EAST SIDE COASTAL RESILIENCY
CB3/CB6 JOINT WATERFRONT TASK FORCE
June 20th, 2017

EAST SIDE COASTAL RESILIENCY

CB3/CB6 JOINT WATERFRONT TASK FORCE

June 20th, 2017

1. Project Overview

2. Project Updates

- 2016-2017 Stakeholder Meetings
- Substantial Action Plan Amendment
- Interior Drainage Analysis
- 24th/25th Street Alignment Update
- Field Work
- Other Project Activities

3. Next Steps

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EAST SIDE COASTAL RESILIENCY

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



EAST SIDE COASTAL RESILIENCY

Project Approach: Designing Social Infrastructure

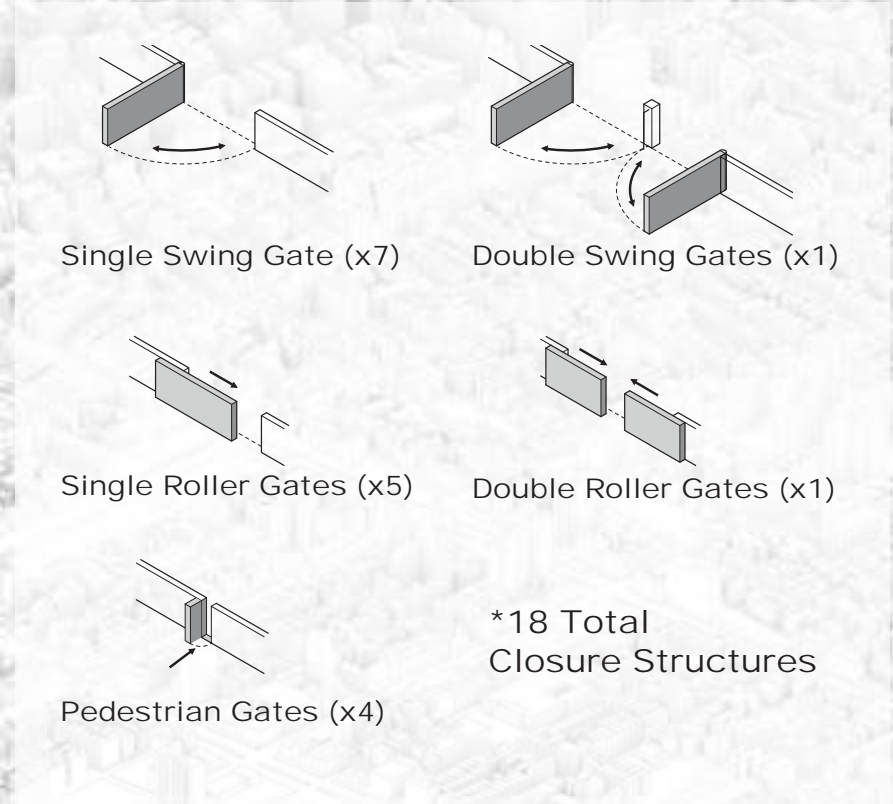




 PEOPLE



 RESILIENCY
INFRASTRUCTURE

BASELINE FLOOD PROTECTION



Floodwall/Levee 
Closure Areas 

EXISTING PROGRAM USES ALONG THE WATERFRONT



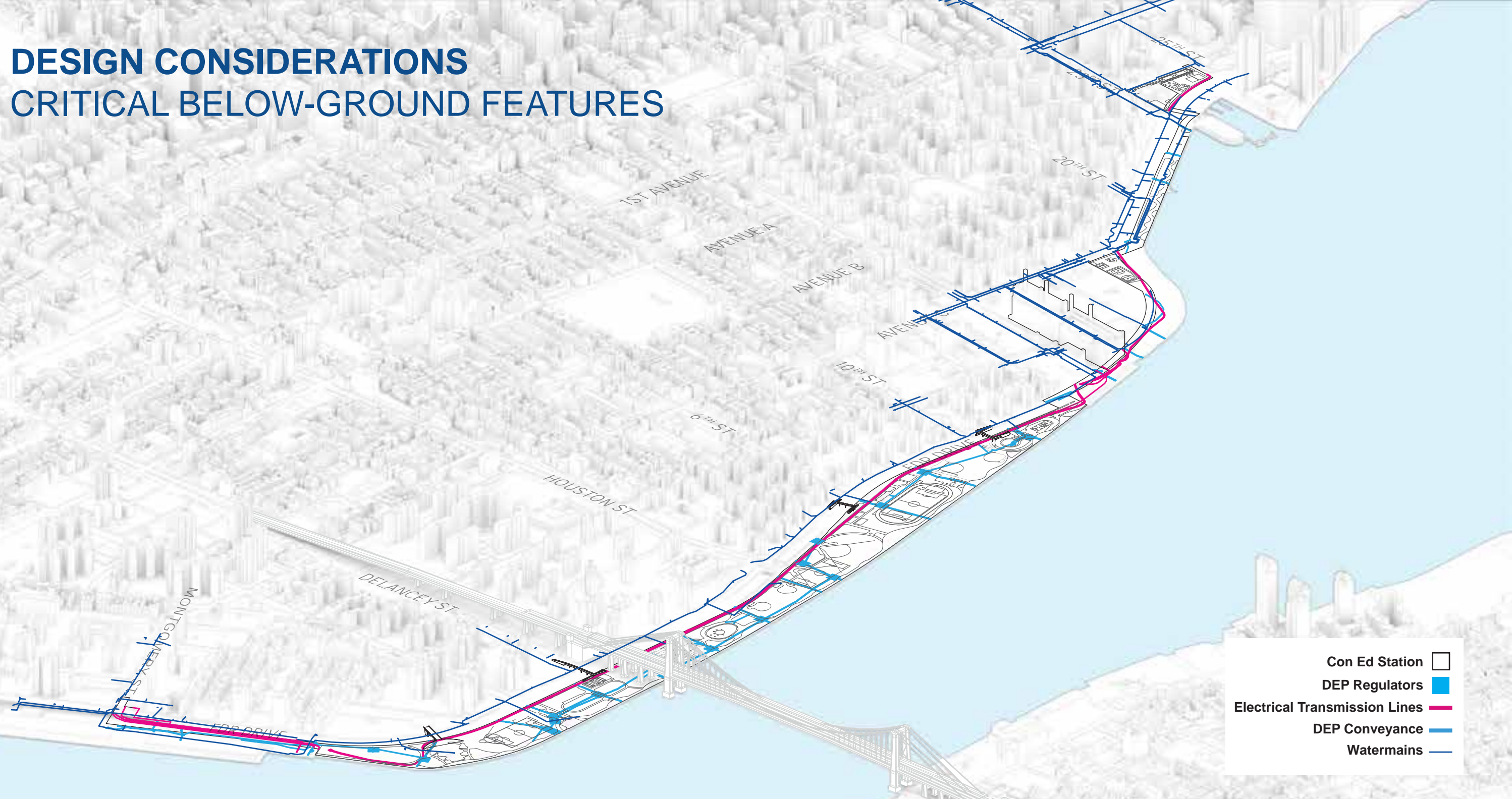
DESIGN CONSIDERATIONS

CRITICAL GROUND LEVEL FEATURES



DESIGN CONSIDERATIONS

CRITICAL BELOW-GROUND FEATURES



A PROTECTED COMMUNITY AND IMPROVED WATERFRONT!



MONTGOMERY ST. TIE-BACK

EAST RIVER PARK

THE PROJECT CREATES AN ELEVATED EDGE 8'-9' ABOVE EXISTING GROUND LEVEL.

CON ED TIE-IN

MURPHY BROTHERS PLAYGROUND

STUYVESANT COVE PARK

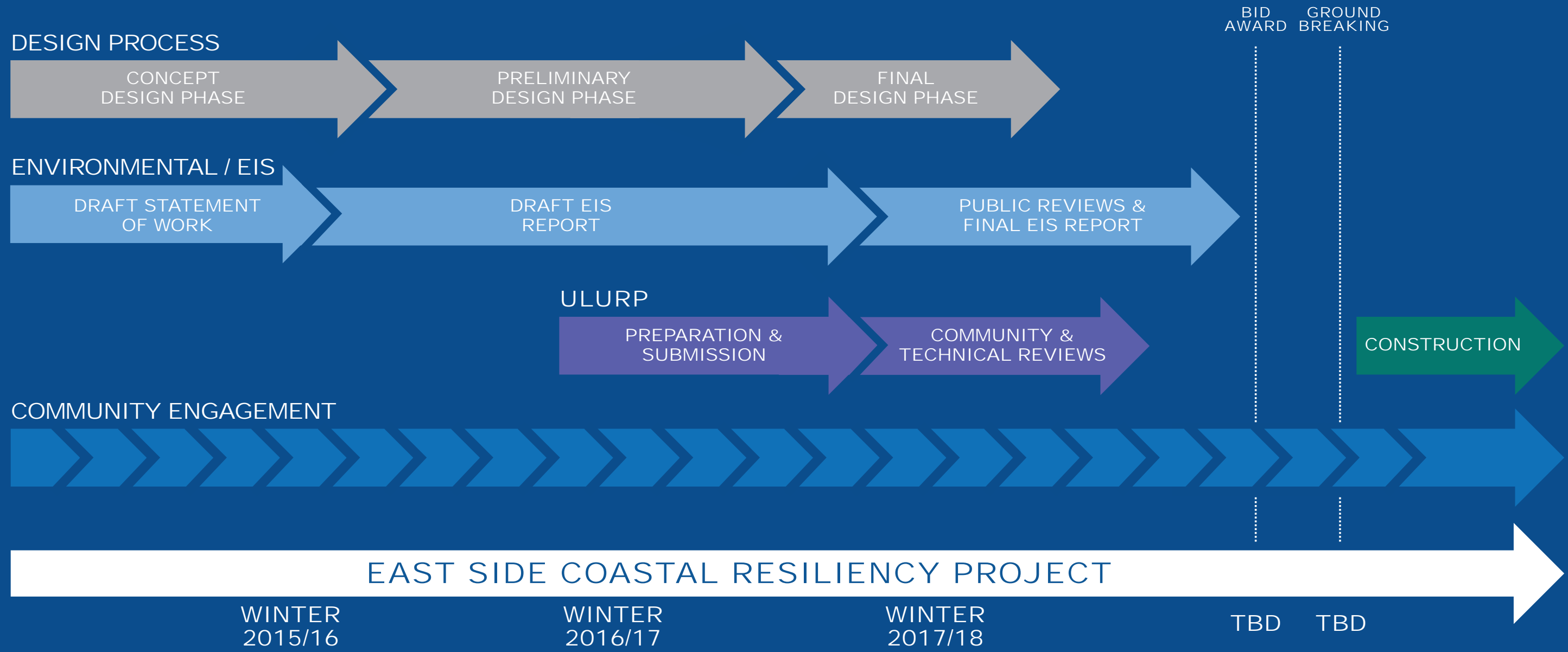
25TH ST. TIE-BACK

ASSER LEVY PLAYGROUND

NOTE: FEATURES ARE SUBJECT TO VALUE ENGINEERING

ESCR NEXT STEPS

Current Project Schedule



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PROJECT UPDATES

2016 - 2017 Stakeholder Meetings

GOUVERNEUR GARDENS BOARD



SEPTEMBER 15th (2016)
JANUARY 17th (2017)

EARTH DAY



APRIL 22nd (2017)

CB6 TASK FORCE



APRIL 25th (2017)
JUNE 15th (2017)

STUYVESANT TOWN



APRIL 27th (2017)

GRAND STREET WELLNESS FAIR



JUNE 14th (2017)

NYC.GOV/ESCR WEBSITE FOR PUBLIC INPUT

PROJECT UPDATES

Substantial Action Plan Amendment

- Published online March 24th, 2017
- Reflects most recent understanding of project design / costs
- Hearing held on April 4, 2017, at Manny Cantor Center in Manhattan
- City provided update on project status and Action Plan process
- Received public comments (oral and written)
- Comment period closed April 24, 2017



PROJECT UPDATES

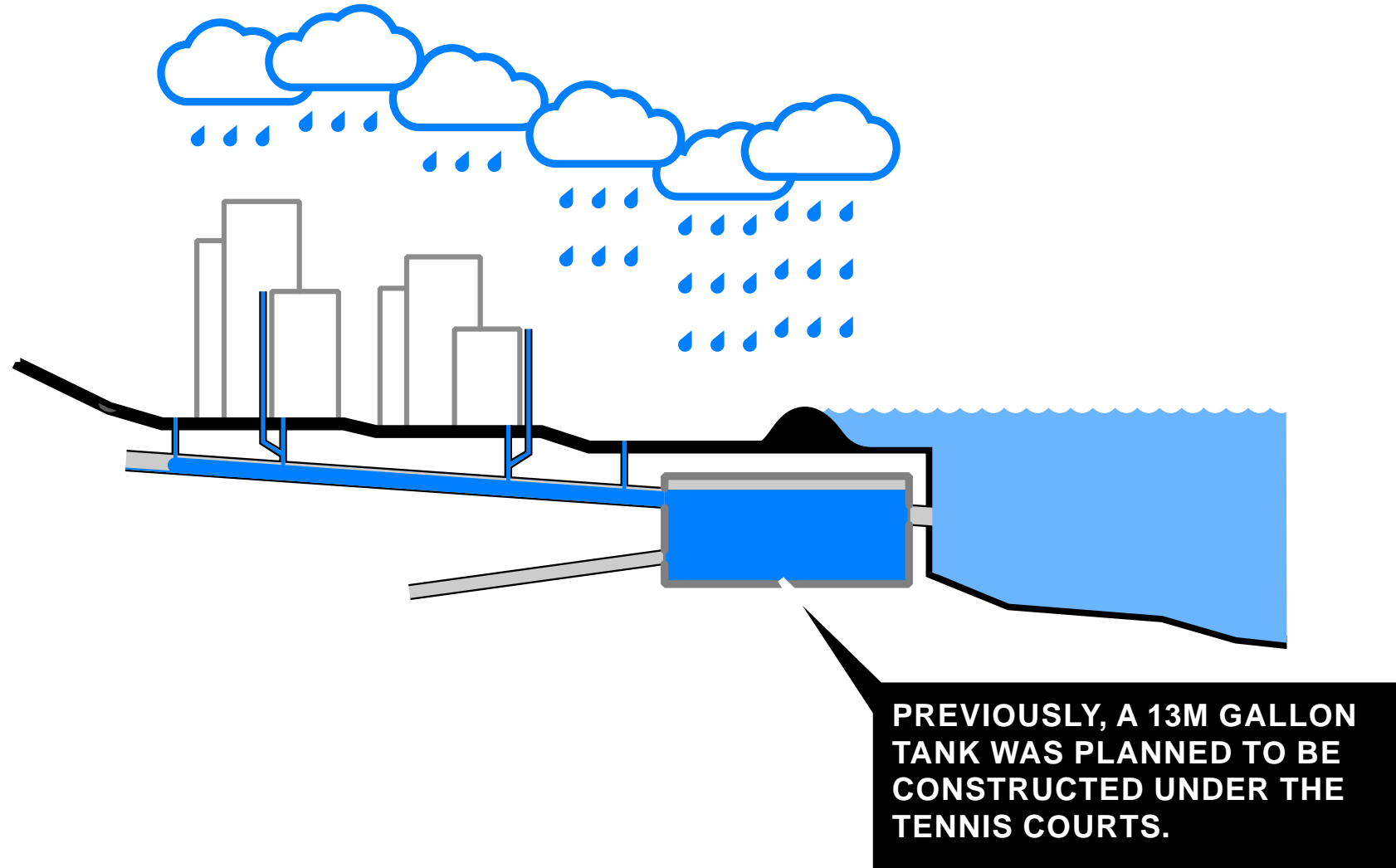
Substantial Action Plan Amendment - Process with HUD

- **Comments received include following topics:**
 - Exploration of Alternative Elements/ Approaches
 - Sea Level Rise and Modeling
 - Flood Protection Alignment and Project Design
 - Maintenance and Operations
 - City Response to Future Floods
 - Benefit Cost Analysis
 - Funding
 - Outreach
- **City responded to comments and submitted Action Plan Amendment to HUD on May 12, 2017**
- **HUD to review and approve Action Plan Amendment within 60 days**



PROJECT UPDATES

Interior Drainage Analysis



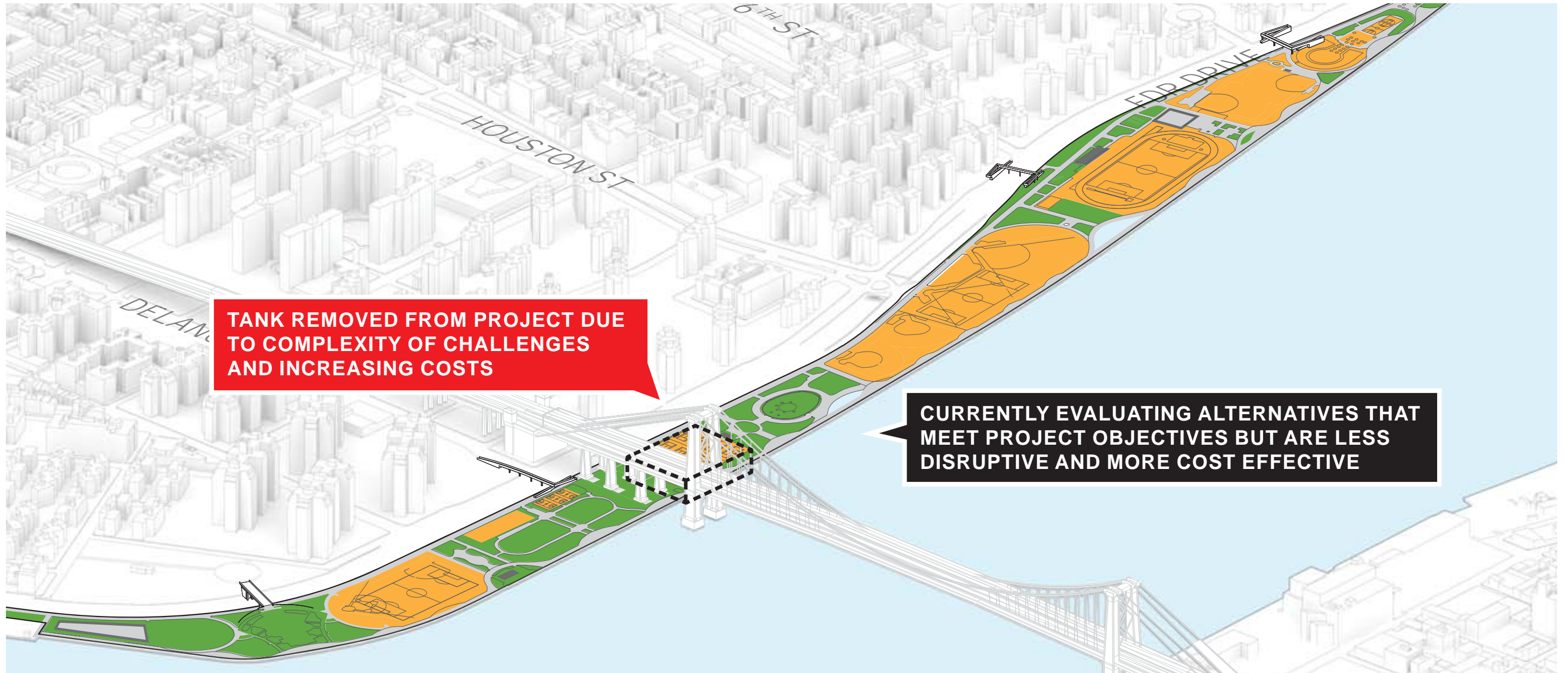
PROJECT UPDATES

Interior Drainage Analysis



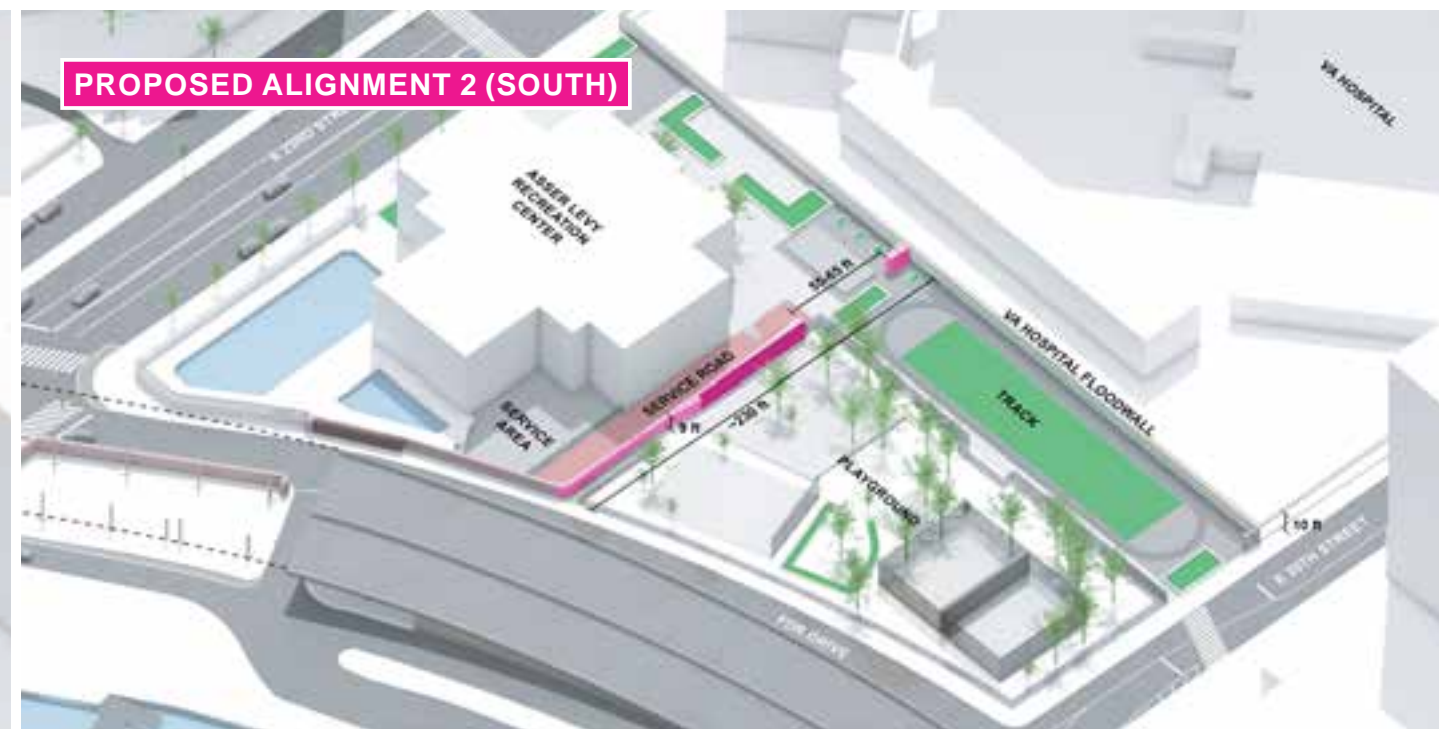
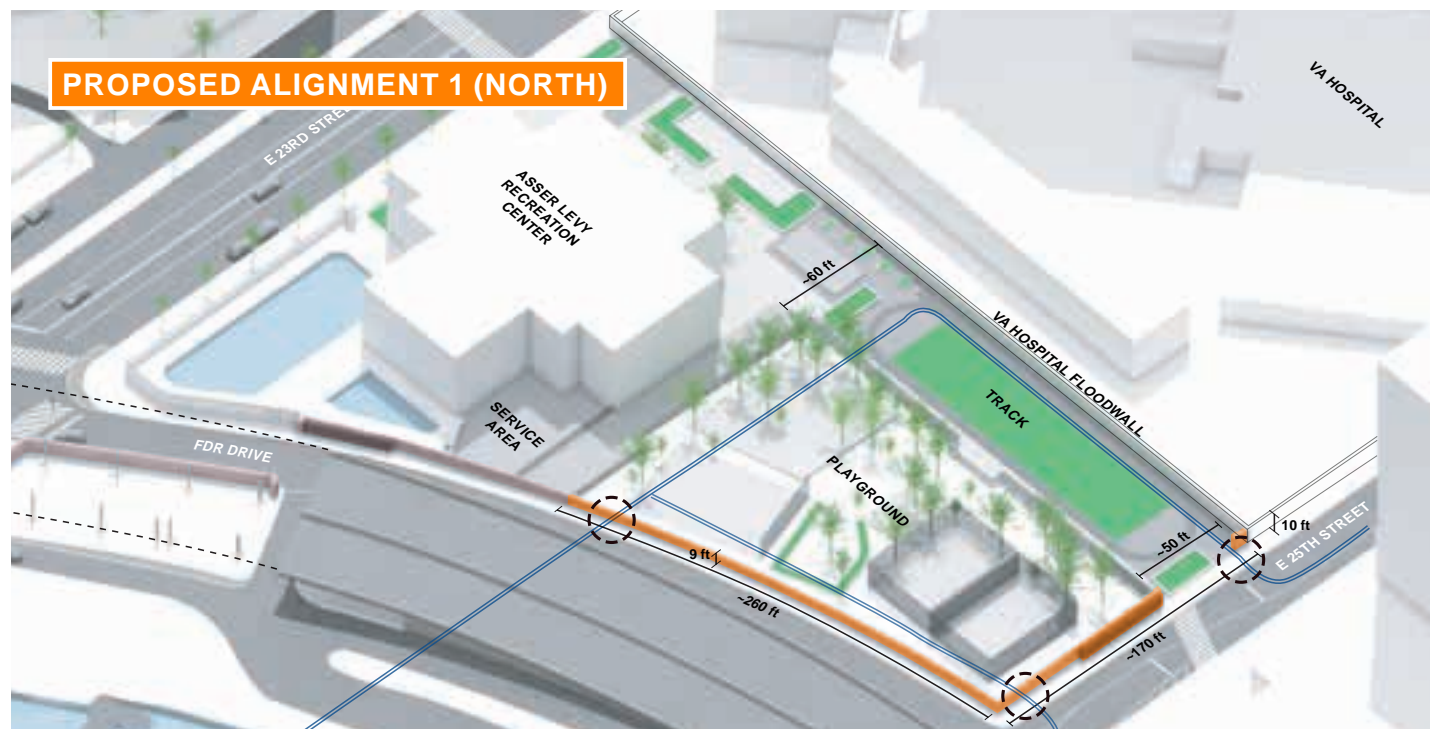
PROJECT UPDATES

Interior Drainage Analysis



PROJECT UPDATES

24th/25th Street Alignment



PROJECT UPDATES

Field Work

- **Geotechnical borings: Investigating subsurface conditions to refine design and costs**
 - Flood protection foundations
 - Pedestrian bridges foundations
 - Sewer & drainage infrastructure
 - FDR Drive
- **DEP sewer inspections: Determine need for floodproofing, rehabilitation, or reconstruction**
- **Updated tree inventory: Confirming current conditions**



PROJECT UPDATES

Other Project Activities

- **Design Refinement**

- Park plan refinement
- Materials, paving, and furnishing
- Detailed planting strategy
- Detailed wall and tie-back design
- Wall treatments + finishes
- Bridge alignment and detail design

- **Advancing development of Maintenance & Operations plan**

- **Further technical analysis and engineering**

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ESCR NEXT STEPS

Look Ahead

- **Future Engagement & Stakeholder Outreach/Meetings - Ongoing**
 - Asser Levy site visit with CB6 Task Force
 - September Task Force Meeting
- **Mass Mailing Plans - Fall / Winter 2017**
- **Community Board Meeting(s) – Related to PDC Design Review - Fall / Winter 2017**
- **PDC Design Review - Fall / Winter 2017**
- **EIS Hearing / ULURP - Winter 2017 /2018**



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