



East Side Coastal Resiliency Pre-Construction Update

CB3 Parks Committee Meeting

Virtual Meeting

February 17, 2021



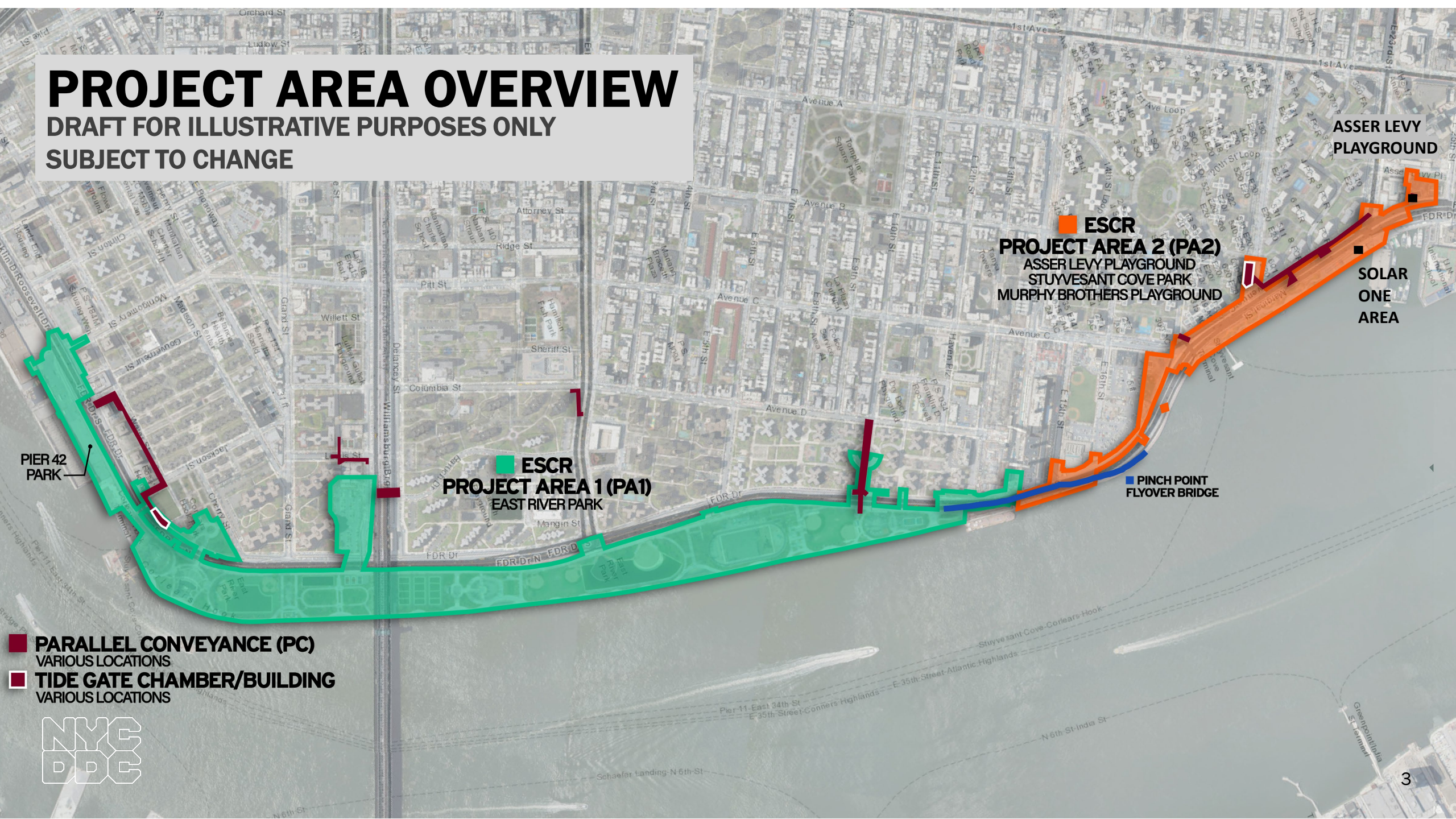
HIGHLIGHTS

- Pre-construction and Construction Phase Updates
- Value Engineering
- What We've Heard
 - Compost

PROJECT AREA OVERVIEW

DRAFT FOR ILLUSTRATIVE PURPOSES ONLY

SUBJECT TO CHANGE



ASSER LEVY
PLAYGROUND

ESCR

PROJECT AREA 2 (PA2)
ASSER LEVY PLAYGROUND
STUYVESANT COVE PARK
MURPHY BROTHERS PLAYGROUND

SOLAR
ONE
AREA

PIER 42
PARK

ESCR
PROJECT AREA 1 (PA1)
EAST RIVER PARK

PINCH POINT
FLYOVER BRIDGE

PARALLEL CONVEYANCE (PC)

VARIOUS LOCATIONS

TIDE GATE CHAMBER/BUILDING

VARIOUS LOCATIONS



OVERVIEW OF CONTRACTS

Project Area 1 (PA1)

- bid opened 2/8/2021
- marginal impact to overall timeline
- East River Park open through Spring 2021

Project Area 2 (PA2)

- in construction on phase 1
 - Asser Levy Playground & Stuyvesant Cove Park Solar One Area

Parallel Conveyance (PC)

- release for bid in upcoming weeks bid opening early 2021
- open bid – no prequal list
- CCL onboard mid 2021

PA2 : ANTICIPATED ACTIVITIES

COMPLETED

- Asser Levy construction fencing
- Construction signage at Asser Levy & Solar One
- Air & Noise Monitoring equipment installation
- Asser Levy site amenity & tree removals
- Install rodent bait stations at various locations
- Greenway rerouting signage

IN PROGRESS

- Submittal Review
- Solar One construction fencing
- Continue test pits & demolition activities
- Night Work on FDR West Service Rd between E 23rd & E 25th St. - test pits and water main & sewer work
- Traffic detour & utility work E 23rd Street at East Service Road under FDR Drive
- Erosion Control

UPCOMING

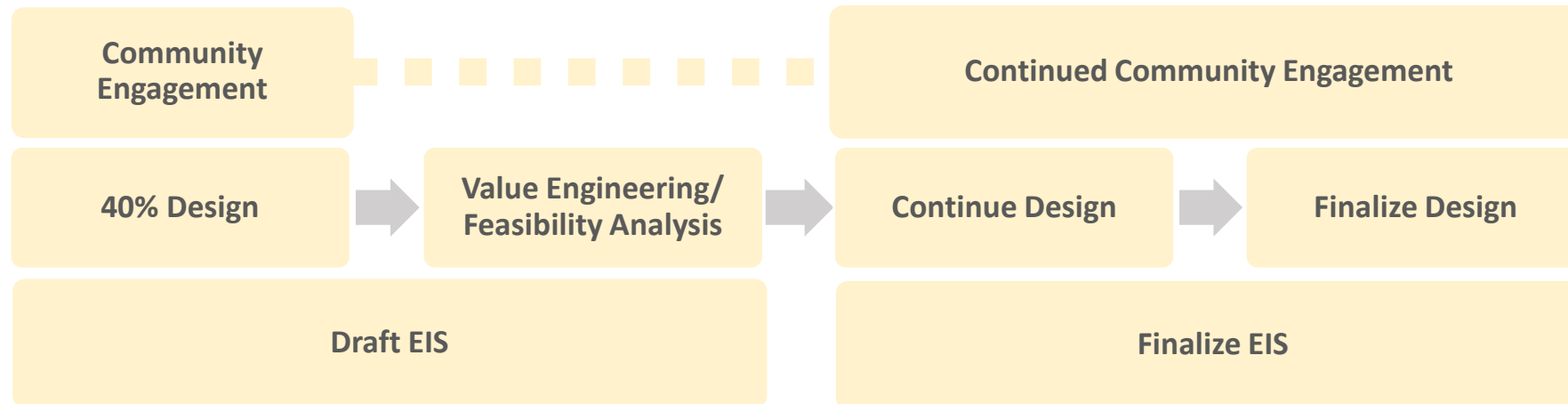
- Sewer, manhole and catch basin work on the FDR east service road
- Preparation for wall footing adjacent to Solar One building in Stuyvesant Cove Park
- Utility relocation misc. areas



VALUE ENGINEERING EXERCISE

ESCR PROJECT REVIEW PROCESS

- In 2018 at 40% design, the Office of Management and Budget (OMB) hired a team of consultants to conduct the study
- The aim was to ensure the project was on track in meeting its overall resiliency and HUD mandated goals, and review overall constructability, cost, and detailed engineering questions
- Once the Raise the Park plan was selected as the preferred alternative, the group conducted the feasibility analysis and further reviewed constructability to move the design forward



ESCR VALUE ENGINEERING REVIEW

- **Who**
 - The Office of Management and Budget (OMB) hired a team of consultants to do this full review including MOR, Parks, DOT, OMB, DDC, City Hall, DEP and City Law
- **What**
 - The Value Engineering was an exercise evaluating design alternatives at 40% design. This draft work product led to the final work product in the Final Environmental Impact Statement (FEIS).
- **Where**
 - The FEIS provides detailed descriptions of the project, environmental impacts, and City's approach to the program, including the no action alternative, preferred alternative and other action alternatives.
 - The FEIS provides detailed analysis on the Raise the Park plan. <https://www1.nyc.gov/site/escr/about/environmental-review.page>
 - The City released the Value Engineering Review Documents mid-February 2021: <https://www1.nyc.gov/site/escr/about/environmental-review.page>
- **Why is the VE Study Redacted?**
 - Most of the redactions are early design sketches and options that were discussed as part of the exercise, and not based on final conclusions. There were also concerns of sensitive infrastructure being shared widely which includes DEP sewer lines and Con Ed utility transmission lines that run adjacent to the FDR.

ESCR VE REVIEW DOCUMENTS

ESCR Value Engineering Study Preliminary Report 2018

- Executive Summary
- Value Alternatives
- Cost Estimates
- Value Study Process

ESCR Elevated Park Alternative Feasibility Analysis 2018

- Summary of Findings
- Risk Comparison
- Estimated Cost Comparison

ESCR FEIS

Project Alternatives Chapter: This chapter describes how alternatives for the East Side Coastal Resiliency (ESCR) Project (the proposed project) were developed, considered, and reviewed, and then selected for analysis in this Final Environmental Impact Statement (FEIS)

<https://www1.nyc.gov/assets/escr/downloads/pdf/FEIS/ESCR-EIS-Chapter-2.0-Project-Alternatives.pdf>

Joint Record of Decision and Findings Statement: This Joint Record of Decision, State Environmental Quality Review Act (SEQRA), and City Environmental Quality Review (CEQR) Findings Statement (Joint ROD and Findings Statement) documents the New York City Office of Management and Budget's (OMB's) and the New York City Department of Parks and Recreation (NYC Parks) findings and decision to proceed with the proposed project as described in the Final Environmental Impact Statement (FEIS) (CEQR No. 15DPR013M) for the East Side Coastal Resiliency (ESCR) Project.

<https://www1.nyc.gov/assets/escr/downloads/pdf/SANDRESM1-Joint-ROD-and-Findings-Statement-12-6-19.pdf>

TAKEAWAYS

- **City engaged in a deliberative planning process for ESCR:** reviewing overall resiliency and HUD mandated goals, cost, detailed engineering and overall constructability
- **Raise the Park approach eliminates complexities and risk:** bringing the full City Team together in an intensive review of constructability brought many complexities and potential issues to the table early
- **Lessens impacts to existing utilities and improves infrastructure:** the final design approach enhances and expands infrastructure designed to protect communities against flooding
- **Reduces construction impacts to the community:** moving much of the construction away from the FDR will reduce the amount of sustained nightwork
- **Invests in the protection of East River Park, an important asset for the community:** reconstructing the waterfront bulkhead will protect a diverse array of plants and recreational facilities, while keeping nearby neighborhoods safe. Creating a resilient park helps to ensure that it remains open for generations to come.

WHAT WE'VE HEARD

- **Compost relocation:** Parks and DSNY is actively engaging in meetings with LESEC
- **Section 3 and M/WBE:** coordination with Bui Studios and DDC Office of Diversity and Industry Relations (ODIR) ongoing. This includes both outreach and monitoring. Planning smaller outreach events for 2021.
- **Budget /Progress Reporting:** <https://www.checkbooknyc.com/>



East Side Coastal Resiliency

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 boundaries of this project correspond with the natural "pinch-points" in the 100-year floodplain: areas where the land is higher along the coastline, making it easier to close the system off from water entering from the north and south. The project design integrates flood protection into the community fabric, improving waterfront open spaces and access, rather than walling off the neighborhood. Construction on the East Side Coastal Resiliency project will begin in Fall 2020 and continue through 2025.

Construction Progress

Construction Notices
View our most recent community presentations for updates as we prepare for upcoming construction activities.

Resiliency & Flood Protection

Resiliency and Flood Protection

Learn more about ESCR's resiliency and the forward-thinking flood protection measures being implemented to protect 110,000 New Yorkers from the impacts of climate change.

Project Background & Goals

Project Background and Goals

Read about the history and background of ESCR, and the goals driving this technically complex infrastructure project.

Project Design

Project Design

From flood protection measures to bike lanes and ball fields, the ESCR project is improving open spaces and access in the Lower East Side while strengthening the city's coastline.

NEED MORE INFORMATION?

VISIT US AT:
www.nyc.gov/escr