East Side Coastal Resiliency
Interactive Community Engagement Meeting
December 11, 2018
Hunter-Brookdale Rotunda
GOALS FOR TONIGHT

Provide detailed update & explanation on design approach for the East River Park concept.

Gather input and feedback on key programming and design elements.

Review design for additional areas, including Con Ed “Pinch Point”.
PRESENTATION AGENDA

Introduction & Goals
East River Park Update
Design Walk Through
Schedule & Next Steps
INTRODUCTION & GOALS
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
MEET HUD REQUIREMENTS

RENDERING FROM THE HUD REBUILD BY DESIGN COMPETITION
RESPOND TO URGENT NEED FOR FLOOD PROTECTION
EAST RIVER PARK UPDATE
DESIGN APPROACH
EAST SIDE COASTAL RESILIENCY PROJECT
IMPROVED CONSTRUCTABILITY
DELIVERY RISK REDUCED BY MINIMIZING FDR WORK

PREVIOUS PLAN:

WORK TO BE DONE AT NIGHT: LOSS OF PRODUCTIVITY AND LOUD CONSTRUCTION CLOSE TO COMMUNITY

FLOOD PROTECTION

CON-ED POWER LINES

EXISTING BULKHEAD

+16.5’
2050s 100-YR STORM +FREEBOARD/WAVE REQUIREMENTS

CURRENT PLAN:

FLOOD PROTECTION ALONG FDR VS. ALONG EAST RIVER

WORK CAN BE DONE FASTER, DURING THE DAY, AND IS SELF-CONTAINED

FLOOD PROTECTION

CON-ED POWER LINES

EXISTING BULKHEAD

+16.5’
2050s 100-YR STORM +FREEBOARD/WAVE REQUIREMENTS
IMPROVED SCHEDULE
OPERABLE SYSTEMS FOR 2023 HURRICANE SEASON

PREVIOUS PLAN

CURRENT PLAN

FLOOD PROTECTION BY HURRICANE SEASON 2024 VS. FLOOD PROTECTION BY HURRICANE SEASON 2023
IMPROVED PARK RESILIENCY
PARK IS ABOVE THE 2050s 100-YEAR FLOODPLAIN

PREVIOUS PLAN

FLOOD PROTECTION

FLOOD POWER LINES

CON-ED

2050s 100-YR STORM
+FREEROAD, WAVE
REQUIREMENTS

+16.5'

PARK STILL SUBJECT
TO FLOODING

CURRENT PLAN

FLOOD PROTECTION ALONG FDR
VS.
RAISED & REBUILT EAST RIVER PARK

FLOOD PROTECTION

CON-ED

2050s 100-YR STORM
+FREEROAD, WAVE
REQUIREMENTS

+16.5'

RE-DESIGN REDUCES
FLOODING IN PARK

OPPORTUNITY TO REBUILD
THE WATERFRONT EDGE

EXISTING BULKHEAD
IMPROVED PARK RESILIENCY
OPTIONS FOR INCORPORATING WATER ACCESS

ACTIVE EDGE

CIVIC PROMENADE

STEP UP

PLANTED EDGE

STEP DOWN

EMBAYMENT

FLOOD PROTECTION BELOW GROUND
A GREAT WATERFRONT PARK
PARK PROGRAM
DESIGN APPROACH

EXISTING CONDITIONS
EAST RIVER PARK

CURRENT PLAN
EAST RIVER PARK

TODAY
PREVIOUS PLAN
CURRENT PLAN

EXPANDS USABLE PARK AREA

ACTIVE PROGRAM
PASSIVE PROGRAM
WATERFRONT OPEN SPACES & ACCESS
IMPROVING PEDESTRIAN BRIDGE CONNECTIONS

CORLEARS HOOK BRIDGE
LOWER EAST RIVER PARK

DELANCEY STREET BRIDGE
CENTRAL EAST RIVER PARK

EAST 10TH STREET BRIDGE
UPPER EAST RIVER PARK
WATERFRONT OPEN SPACES & ACCESS
FLYOVER BRIDGE AT PINCH POINT
TRACK & FIELD AREA
PREVIOUS DESIGN - STORM CONDITIONS
TRACK & FIELD AREA
CURRENT PLAN - STORM CONDITIONS
DELANCEY AREA
CURRENT PLAN
AMPHITHEATER
CURRENT PLAN OPPORTUNITY
AMPHITHEATER
CURRENT PLAN OPPORTUNITY

PAVED TERRACES + BANDSHELL
EAST RIVER PARK
NEW YORK, NEW YORK

GATHERING LAWN + STAGE PLATFORM
BROOKLYN BRIDGE PARK
BROOKLYN, NEW YORK

TERRACED LANDSCAPE + STAGE PLATFORM
BARRETTO POINT PARK
BRONX, NEW YORK

LANDSCAPE + BANDSHELL
PROSPECT PARK BANDSHELL
BROOKLYN, NEW YORK
DELANCÉY OVERLOOK
CURRENT PLAN - STORM CONDITIONS
BARUCH HOUSES AREA
CURRENT PLAN
RENDERING DEPICTS 2015 MEAN HIGHER HIGH WATER

HOUSTON AREA
CURRENT PLAN
RENDERING DEPICTS 2050 MEAN HIGHER HIGH WATER

HOUSTON AREA
CURRENT PLAN
TRACK & E. 10TH ST. AREA
CURRENT PLAN
FDR GATES - OPEN
CURRENT PLAN
FDR GATES - CLOSED
CURRENT PLAN - STORM CONDITIONS
PINCH POINT FLYOVER BRIDGE
CURRENT PLAN
PROJECT AREA 2 PARKS
EXISTING CONDITIONS
PROJECT AREA 2 PARKS
PRELIMINARY DESIGN
MURPHY BROTHERS PLAYGROUND
EXISTING CONDITIONS
STUYVESANT COVE PARK
PRELIMINARY DESIGN
SCHEDULE & NEXT STEPS
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