East Side Coastal Resiliency

Grand Street Town Hall

June 3, 2019

Manny Cantor Center
197 East Broadway
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
IMPROVED PARK RESILIENCY
PARK IS ABOVE THE 2050s 100-YEAR FLOODPLAIN

EXISTING CONDITIONS

TODAY, THE PARK IS SUSCEPTIBLE TO FREQUENT FLOODING AND WAS DAMAGED BY HURRICANE SANDY

CURRENT PLAN

OPPORTUNITY TO REBUILD THE WATERFRONT EDGE

+16.5’ 2050s 100-YR STORM FREEBOARD/ WAVE REQUIREMENTS
IMPROVED OPEN SPACE
PARK PROGRAM COMPARISON

EXISTING CONDITIONS
EAST RIVER PARK

CURRENT PLAN
EAST RIVER PARK
IMPROVED PARK RESILIENCY
DIFFERENT EXPERIENCES FOR WATERFRONT ACCESS

ACTIVE EDGE

CIVIC PROMENADE

STEP UP

PLANTED EDGE

STEP DOWN

EMBAYMENT

FLOOD PROTECTION BELOW GROUND
IMPROVED WATERFRONT ACCESS
REPLACING, IMPROVING AND CREATING NEW CONNECTIONS

**LEGEND**
- Park Access (Bridge)
- Park Access (At Grade)
- East River Park
- Floodwall Protection
- Existing VA Hospital Floodwall

- Preserve E. 20th Street Connection
- Replace E. 10th St. Bridge
- Preserve E. 6th St. Bridge
- Replace Delancey St. Bridge
- Replace Corleas Hook Bridge
- Improve E. Houston Street Bridge Landing
- Create Flyover Bridge at Pinch Point
- E. 20th Street Ferry
- Corleas Hook Ferry
IMPROVED SCHEDULE
OPERABLE SYSTEMS FOR 2023 HURRICANE SEASON

2019

2020

2021

2022

2023

2024

EAST RIVER PARK

MURPHY BROTHERS PLAYGROUND

STUYVESANT COVE PARK

ASSER LEVY PLAYGROUND

GROUND BREAKING

OPERABLE FLOOD PROTECTION SYSTEM

FINISH
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 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

RUTGERS STREET LIGHT FIXTURE
NEW FDR LIGHTING SOUTH OF PROJECT AREA

CONDITIONS UNDER THE FDR HAVE BEEN STUDIED. THE CITY IS COORDINATING WITH NYS DOT AS NEEDED TO ADDRESS THE LIGHTING CONCERNS.
AREA 3: HOUSTON STREET
CONCEPTUAL DESIGN
RENDERING DEPICTS 2015 MEAN HIGHER HIGH WATER

HOUSTON AREA
CONCEPTUAL DESIGN
RENDERING DEPICTS 2050 MEAN HIGHER HIGH WATER

HOUSTON AREA
CONCEPTUAL DESIGN
AREA 4: TRACK & EAST 10TH STREET
CONCEPTUAL DESIGN
PINCH POINT FLYOVER BRIDGE
CONCEPTUAL DESIGN
The interior drainage system is designed to withstand a 5-year NOAA rainstorm occurring at the same time as a 100-year storm surge.

The interior drainage is also designed to withstand the future risk of a 2-year NOAA rainstorm occurring at the same time as a 100-year storm surge and 2050s sea level rise.

Legend:
- Existing Interceptor
- New Parallel Conveyance
- Interceptor Gate Building
- New Flood Protection
- Floodwall
- Existing VA Hospital Floodwall
- 2015 FEMA 100-YEAR Flood Hazard Boundary
- 2050s FEMA 100-YEAR Flood Hazard Boundary
IMPROVED RESILIENCY
SEWER IMPROVEMENTS TO IMPROVE DRAINAGE IN EAST RIVER PARK

- RECONSTRUCTED DEP SEWER + 15’ TREE PLANTING OFFSET
- DEP SEWER OUTFALLS

NORTH INTERCEPTOR GATE BUILDING AND CHAMBER (PA2 BEYOND)

ALL EXISTING NYCDEP SEWER LINES AND OUTFALLS WILL BE REPLACED IN EAST RIVER PARK. RECONSTRUCTED SEWERS WILL BE SIZED UP FOR INCREASED CAPACITY.
IMPROVED DRAINAGE
SOUTH INTERCEPTOR GATE CHAMBER BUILDING

CORLEAR’S HOOK PARK

SOUTH GATE BUILDING (IN DOT RIGHT OF WAY OUTSIDE OF PARK)

INTERCEPTOR GATE CHAMBER BELOW
NEIGHBORHOOD PARK IMPROVEMENTS
NYC PARKS ANTICIPATED NEIGHBORHOOD IMPROVEMENTS
INTERIM RECREATION

PARK UPGRADES
- SPORTS COATING
- PAINTING
- ASPHALT TO TURF
- RAIN GARDENS
- TREE PLANTING
- SOLAR FIELD LIGHTS

MORE PROGRAMMING, NEW PARK SPACES
- ACCOMMODATING FIELD USERS
- PRECINCT STREET RESURFACING
- 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

SOUTHBOUND CYCLISTS WISHING TO TRAVEL BEYOND 23rd STREET SHOULD USE THE PROTECTED BIKE LANES ON 2nd AVENUE

STUYVESANT COVE FERRY ACCESS WILL BE MAINTAINED ON 20th STREET

NORTHBOUND CYCLISTS MAY USE PIKE/ALLEN STREET OR CLINTON STREET, AND DELANCEY STREET TO REACH 1ST AVENUE

● 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
CONVENTIONAL BIKE LANE
PROTECTED BIKE LANE
SHARED LANE
NEXT STEPS
NEXT STEPS: PUBLIC INPUT TO THE EIS/ULURP PROCESSES

EIS
- Final Scope of Work
  - Mar 2019
- DEIS Notice of Completion/Certification
  - 4/5/2019 (Public Release)
- DEIS Public Hearing
  - Jul 31 2019*
- DEIS Public Comment Period Ends
  - Aug 15, 2019
- Public Release of FEIS/Notice of Completion
  - Aug 2019
- Record of Decision (Anticipated)
  - Nov 2019

ULURP
- Community Board (60 Days)**
- Borough President & Borough Board (30 Days)**
- City Planning Commission (60 Days)**
- City Council (50 Days)**
- ULURP Certification (Public Release)
  - 4/22/2019

Spring 2019 | Summer 2019 | Fall 2019

* 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)
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