East Side Coastal Resiliency

Community Board 6
Land Use & Waterfront Committee

433 1st Avenue (NYU School of Dentistry), Room 210

May 28, 2019
PRESENTATION AGENDA

PROJECT OVERVIEW & SCHEDULE

DESIGN REVIEW

ENVIRONMENTAL REVIEW & APPROVALS
PROJECT OVERVIEW & SCHEDULE
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
OVERALL PROJECT AREA
PROJECT AREA 1 AND 2

(NOT TO SCALE)
FLOOD PROTECTION
PROJECT AREA 2

(Not to scale)
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. 6TH ST. BRIDGE
- IMPROVE E. HOUSTON STREET BRIDGE LANDING
- CREATE FLYOVER BRIDGE AT PINCH POINT
- PRESERVE E. 20TH STREET CONNECTION
- REPLACE E. 10TH ST. BRIDGE
- REPLACE DELANCEY ST. BRIDGE
- REPLACE CORLEARS HOOK BRIDGE
- CORLEARS HOOK FERRY
- E. 20TH STREET FERRY
- EAST RIVER
IMPROVED SCHEDULE
OPERABLE SYSTEMS FOR 2023 HURRICANE SEASON
MEETINGS TO DATE

STAKEHOLDER

• 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
• Public School Athletic League (PSAL)

COMMUNITY BOARD AND COUNCIL MEMBER MEETINGS

• CB6 Land Use/Waterfront Committee
• CB6 Full Board
• CB6 Working Group
• CB3/CB6 Joint Waterfront Task Force
• Council Member Keith Powers
• Council Member Daniel Garodnick
OVERALL PROJECT AREA
PROJECT AREA 1 AND 2
CORLEARS HOOK TO DELANCEY STREET
PRELIMINARY DESIGN

- Corlears Hook Park Bridge
- Amphitheater
- Embayment
- Nature Exploration
- Maintenance Area
- Re-constructed Delancey St. Bridge
- Fireboat House
- Basketball Courts
- Neighborhood Gathering Lawn
PROJECT AREA 2
PRELIMINARY DESIGN
STUYVESANT COVE PARK
PRELIMINARY DESIGN
STUYVESANT COVE PARK
20TH STREET PARK GATES
ASSER LEVY PLAYGROUND
PRELIMINARY DESIGN

OPEN & INVITING
EDGE TO PARK
HANDBALL COURT
EXISTING ASSER LEVY
PLACE AMENITIES
PLAYGROUND
EXISTING VEHICLE YARD
EXISTING ASSER LEVY
BATH HOUSE
TI E-IN WITH
VA HOSPITAL
FLOODWALL
LANDSCAPE
INTEGRATION
WITH FLOODWALL
BASKETBALL
COURT
ASSER LEVY PLAYGROUND
PRELIMINARY DESIGN
UPLAND DRAINAGE STRATEGY: PARALLEL CONVEYANCE

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
IMPROVED DRAINAGE
NORTH INTERCEPTOR GATE CHAMBER BUILDING
NORTH GATE BUILDING
PERSPECTIVE VIEW FROM NORTH
COORDINATED ENVIRONMENTAL REVIEW UNDER 3 STATUTES:

*Environmental Impact Statement (EIS) will satisfy requirements of all three statutes*
- National Environmental Policy Act (NEPA)
- State Environmental Quality Review Act (SEQRA)
- City Environmental Quality Review (CEQR)

LEAD AGENCIES:

*Environmental review coordinated by head agencies, with cooperating, involved and interested Federal, State and City agencies*
- NEPA - NYC Office of Management and Budget
- SEQRA/CEQR - Department of Parks & Recreation
OVERVIEW OF EIS ALTERNATIVES

ALTERNATIVE 1: No Action Alternative

ALTERNATIVE 2: Flood Protection System on the West Side of East River Park – Baseline

ALTERNATIVE 3: Flood Protection System on the West Side of East River Park – Enhanced Park and Access

ALTERNATIVE 4: Flood Protection System with a Raised East River Park (Preferred Alternative)

ALTERNATIVE 5: Flood Protection System East of FDR Drive
UNIFORM LAND USE REVIEW PROCEDURE
PROPOSED ACTIONS

ACQUISITION (EASEMENTS):
Project Area One
• Gouverneur Gardens Cooperative
• East River Housing Corporation
• NYCHA (Riis Houses and Baruch Houses)

Project Area Two
• Con Edison – For Operations & Maintenance of the Flood Protection System
  • Con Edison Power Station
  • Con Edison Office and Parking Lot
• VA Medical Center – For Operations & Maintenance of the Flood Protection System
  • VA Hospital
• Captain Patrick J. Brown Walk – For Construction of the Flyover Bridge

A zoning text amendment is necessary to acknowledge compliance of the proposed design with the City’s Zoning regulations for a portion of the project area

City Map change (anticipated at a later date) for reconstruction of pedestrian bridges.
DEIS IMPACT ANALYSIS OVERVIEW

DEIS OPERATIONAL ANALYSES

- Land Use, Zoning, and Public Policy (Ch. 5.1)
- Socioeconomics (Ch. 5.2)
- Open Space (Ch. 5.3)
- Historic and Cultural Resources (Ch. 5.4)
- Urban Design and Visual Resources (Views)** (Ch. 5.5)
- Natural Resources (Ch. 5.6)
- Hazardous Materials (Ch. 5.7)
- Water and Sewer Infrastructure (Ch. 5.8)
- Transportation (Ch. 5.9)
- Neighborhood Character (Ch. 5.10)
- Environmental Justice (Ch. 5.11)

DEIS CONSTRUCTIONAL ANALYSES

- Socioeconomics (Ch. 6.1)
- Open Space** (Ch. 6.2)
- Historic and Cultural Resources (Ch. 6.3)
- Urban Design and Visual Resources (views) (Ch. 6.4)
- Natural Resources (Ch. 6.5)
- Hazardous Materials (Ch. 6.6)
- Water and Sewer Infrastructure (Ch. 6.7)
- Energy (Ch. 6.8)
- Transportation* (Ch. 6.9)
- Air Quality (Ch. 6.10)
- Greenhouse Gas Emissions (Ch. 6.11)
- Noise and Vibration** (Ch. 6.12)
- Public Health (Ch. 6.13)

*Potential for Significant Adverse Effects
**Unavoidable
NYC PARKS ANTICIPATED NEIGHBORHOOD IMPROVEMENTS
INTERIM RECREATION

<table>
<thead>
<tr>
<th>PARK UPGRADES</th>
<th>MORE PROGRAMMING, NEW PARK SPACES</th>
</tr>
</thead>
<tbody>
<tr>
<td>ASPHALT TO TURF</td>
<td>LAGUARDIA BATH HOUSE</td>
</tr>
<tr>
<td>PAINTING</td>
<td>PRECEDENT: JJ Byrne, Brooklyn</td>
</tr>
<tr>
<td>TREE PLANTING</td>
<td>Image courtesy of SHoP Architects</td>
</tr>
<tr>
<td>SPORTS COATING</td>
<td>PRECEDENT: Fountain of Youth, Bronx</td>
</tr>
<tr>
<td>RAIN GARDENS</td>
<td>PRECEDENT: Van Alst, Queens</td>
</tr>
<tr>
<td>ACCOMMODATING FIELD USERS</td>
<td>PRECEDENT: Strood, Brooklyn</td>
</tr>
<tr>
<td>MORE RECREATIONAL PROGRAMMING</td>
<td>Image courtesy of SHoP Architects</td>
</tr>
<tr>
<td>MORE NEIGHBORHOOD PARK STAFF</td>
<td>Image courtesy of SHoP Architects</td>
</tr>
<tr>
<td>SOLAR FIELD LIGHTS</td>
<td>Image courtesy of SHoP Architects</td>
</tr>
<tr>
<td>PIER 35</td>
<td>Image courtesy of SHoP Architects</td>
</tr>
<tr>
<td>PIER 42 PHASE 1: UPLAND PARK</td>
<td>Image courtesy of SHoP Architects</td>
</tr>
<tr>
<td>PIER 35</td>
<td>Image courtesy of SHoP Architects</td>
</tr>
</tbody>
</table>
NYC PARKS ANTICIPATED NEIGHBORHOOD IMPROVEMENTS

1. Sports Coating
2. Painting
3. Trees and Rain Gardens
4. Ballfields
   • Increased Lighting
   • Asphalt to Turf
   • Turf improvements
5. Park Staffing
6. Recreational Programming
7. BBQs
8. Tennis
9. Cool Pools: Dry Dock
10. New Spaces:
    • LaGuardia Bathhouse
    • Baruch Bathhouse
    • Pier 42
    • Pier 35
    • Flyover Bridge
TRANSPORTATION

- Traffic impacts during construction identified at the following intersections (and effects could be fully mitigated with signal timing changes):
  - East 23rd Street and First Avenue
  - East 23rd Street and Avenue C

- Maintenance and Protection of Traffic (MPT) Plans are being developed to ensure safety of the public and maintenance of traffic flow during construction
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
• 20th Street Gate/Gate House construction is anticipated to last for approximately 1 year

• Approximately 11 parking spaces could be lost on East 20th Street during construction and completion of the Interceptor Gate House

• Potential air emission reduction measures include fugitive dust suppression program and an Air Emission Reduction Program (e.g., fuel and idling restrictions)

• Potential construction noise mitigation measures include specifying use of quieter equipment models or methods, as well as use of noise barriers and equipment enclosures

• Preliminary staging areas include existing parking areas under the FDR Drive and the median on East 20th Street
NOTE: PRELIMINARY/IN-PROCESS AND SUBJECT TO CHANGE
NEXT STEPS: PUBLIC INPUT TO THE EIS/ULURP PROCESSES

**EIS**
- **Final Scope of Work**
  - Mar 2019
- **DEIS Notice of Completion**
  - 4/5/2019
  - (Public Release)
- **DEIS Public Hearing**
  - July 31, 2019*
- **DEIS Public Comment Period**
  - Ends (Tentative)
  - Mid-Aug 2019
- **Public Release ofFEIS/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
PROVIDE FLOOD PROTECTION
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)
Visit Us!
www.nyc.gov/escr
Twitter: @NYClimate