PROPOSED ACTION PLAN AMENDMENT 20 PUBLIC HEARING AGENDA

1. Action Plan Overview
2. ESCR Project Description
3. Public Outreach
4. Funding and Benefit Cost Analysis
5. Comment Process
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What is an Action Plan?

- New York City received $4.2 billion from HUD for Hurricane Sandy disaster recovery
- $338 million allocated for the East Side Coastal Resiliency (ESCR) Project
- The Action Plan describes the City's plan for these funds
Why Are We Here Tonight?

• Rebuild By Design (RBD) was an international resiliency competition; NYC was one of the recipients of the award

• Community engagement is a critical component of that process

• Per HUD requirements, an Action Plan Amendment that reflects the final designed RBD project must be submitted as a condition for release of funds for project construction
Why Are We Here Tonight?

• Action Plan Amendment 13 was published for the ESCR project in 2017 based on the design at that time and was incorporated into the City’s Action Plan.

• Since then, an additional alternative has been identified as the new Preferred Alternative for the ESCR project, as presented in the Final Environmental Impact Statement (FEIS).

• Proposed Action Plan Amendment 20 provides final RBD project design information for the ESCR project.

• Action Plan Amendments are subject to public review prior to HUD approval.
What Does The Proposed Action Plan Amendment Contain?

- Project Description
- Implementation Partnerships
- Outreach Plan
- Project Timeline
- Benefit Cost Analysis
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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
PROTECTING AGAINST FUTURE FLOODING
CURRENT FLOODPLAIN

STORM SURGE FLOODING
HURRICANE SANDY, 2012

FEMA 2050s 100-YEAR FLOODPLAIN

FEMA 2015 100-YEAR FLOODPLAIN

LEGEND

- 2015 FEMA 100-YEAR Floodplain
- Projected 2050s FEMA 100-YEAR Floodplain
- 2015 FEMA 100-YEAR Flood Hazard Boundary
- 2050s FEMA 100-YEAR Flood Hazard Boundary
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

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

EXISTING BULKHEAD

CURRENT PLAN

OPPORTUNITY TO REBUILD THE WATERFRONT EDGE

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

FLOOD PROTECTION EXISTING BULKHEAD
IMPROVED RESILIENCY FOR COMMUNITY
INTEGRATED FLOOD PROTECTION & INTERIOR DRAINAGE SYSTEM

- INTERCEPTOR GATE BUILDING
- FLOODWALL & GATES
- RAISED BULKHEAD AND SEEPAGE BARRIER (BETWEEN GROUND)
- ELEVATED EAST RIVER PARK

LEGEND
- Swing Gate
- Roller Gate
- New Parallel Conveyance
- Interceptor Gate Building
- New Flood Protection (Below Ground)
- New Floodwall
- Existing Floodwall
- 2015 FEMA 100-YEAR Flood Hazard Boundary
- 2050s FEMA 100-YEAR Flood Hazard Boundary
DELANCEY OVERLOOK
FUTURE CONDITION
MONTGOMERY STREET

FLOOD GATE IN OPEN POSITION

FLOODWALL
TOP OF WALL: EL. +16.5
WALL HT: APPROX. 1.5’

DESIGN TEAM IS STUDYING FLOODWALL FINISHES

FLOODWALL
TOP OF WALL: EL. +16.5
WALL HT: APPROX. 4.5’

FLOOD GATE IN OPEN POSITION
MONTGOMERY STREET
FLOOD GATE IN CLOSED POSITION
HOUSTON STREET
FUTURE CONDITION

RENDERING DEPICTS 2015 MEAN HIGHER HIGH WATER
FLYOVER BRIDGE
FUTURE CONDITION
PROJECT AREA 2
FUTURE CONDITION
STUYVESANT COVE PARK
PRELIMINARY DESIGN
PROJECT SCHEDULE OVERVIEW

DESIGN & CONSTRUCTION

CONCEPT → PRELIMINARY DESIGN → FINAL DESIGN → PROCUREMENT → CONSTRUCTION

ENVIRONMENTAL REVIEW

DRAFT SCOPE OF WORK → DRAFT EIS → DEIS ISSUED → PUBLIC REVIEW & FINAL EIS → DEIS HEARING & FEIS ISSUED

APPROVALS & PERMITTING

PREPARATION → PDC CONCEPTUAL DESIGN → ULURP CERTIFICATION → PDC PRELIMINARY DESIGN → JOINT PERMIT APPLICATION → CITY COUNCIL PDC FINAL DESIGN

COMMUNITY ENGAGEMENT

INTERACTIVE COMMUNITY MEETINGS → COMMUNITY MEETINGS & OPEN HOUSES → CITY PLANNING COMMISSION PUBLIC HEARING → COMMUNITY MEETINGS

COMMUNITY BOARD MEETINGS

CB3 & CB6 COMMITTEES → CB3 & CB6 FULL BOARDS → CB3 & CB6 COMMITTEES → CB3 & CB6 FULL BOARDS → CB3 & CB6 COMMITTEE → CB3 & CB6 FULL BOARDS


GROUND BREAKING

OPERABLE FLOOD PROTECTION BY HURRICANE SEASON 2023

PROJECT COMPLETION IN 2023

PROJECT COMPLETION IN 2023

26
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PUBLIC OUTREACH

COMMUNITY MEETINGS

OPEN HOUSES

NYCHA RESIDENTS MEETINGS

COMMUNITY BASED ORGANIZATIONS

CB3 MEETINGS

CB6 MEETINGS
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
• NYCHA Vladeck Houses Tenants Association
• NYCHA Smith Houses Tenants Association
• NYCHA LaGuardia Houses Tenants Association
• East River Housing Corp, Board & Residents
• NYCHA LES II, V & Bracetti Plaza Residents
• East River Alliance
• Friends of Corlears Hook Park
• NYCHA Lillian Wald Residents
• GOLES
• LES Ecology Center
• Public School Athletic League (PSAL)
• Peter Stuyvesant Little League
• Waterside Plaza Tenants Association Leadership
• Waterside Plaza Management
• Stuyvesant Town- Peter Cooper Village Tenants Association
• Knickerbocker Village
• Waterfront Alliance
• 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
• Masaryk Towers Residents

STAKEHOLDER (continued)
• Large-scale Public Engagement Meetings: Most recent meetings held 12/10/2018; 12/11/2018
• Project Open Houses 05/14/2019 & 05/15/2019
• Grand Street - Town Hall 06/03/19
• Project Open Houses 06/05/19 & 06/06/19
• Various other targeted Stakeholder Meetings

ELECTED OFFICIAL AND COMMUNITY BOARD MEETINGS
• Borough President Brewer
• Council Member Chin
• Council Member Rivera
• Council Member Powers
• Council Speaker Johnson
• Assembly Member Niou
• Assembly Member Epstein
• Assembly Speaker Heastie
• Senator Hoylman
• Senator Kavanaugh
• Representative Maloney
• Representative Velazquez
• City Council Parks and Recreation Committee Public Hearing
• CB3 Parks/Waterfront Committee
• CB3 Full Board
• CB6 Land Use/Waterfront Committee
• CB6 Parks Committee
• CB6 Full Board
• CB6 Working Group
• CB3/CB6 Joint Waterfront Task Force
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• To implement the proposed project, the City and its federal partners have committed approximately $1.45 billion in funding

• Includes $338 million in HUD Community Development Block Grant-Disaster Recovery (CDBG-DR) funds. These funds are broken into:
  • Planning
  • Predevelopment Work
  • Project Construction
  • Administrative
BENEFIT COST ANALYSIS
OVERVIEW

What is a BCA?
A tool for comparing a project’s costs to a project’s benefits

What types of costs?
The costs to construct, maintain, and operate the project over its lifespan

What types of benefits?
Reduction in flood risk, as well as additional environmental, social, and economic benefits

At a cost of $1.4 billion, the East Side Coastal Resiliency Project will provide $2-$3 billion in benefits over its lifespan

The benefit cost ratio (BCR) for ESCR is 1.47

This BCA was prepared in accordance with the project’s HUD funding. The total cost used for the BCA excludes supplemental project features outside the scope of HUD’s review. Ranges reflect variance in benefits analysis. Numbers presented are net present value using a 7 percent discount rate. Numbers have been rounded for clarity. For more detail and full methodology, refer to the Benefit Cost Analysis Report.
BENEFIT COST ANALYSIS

OVERVIEW

Over its projected lifespan, the project will prevent an estimated:

- $750 MILLION TO $1.4 BILLION IN PROPERTY DAMAGE
- $799 TO $857 MILLION IN RELOCATION COSTS AND BUSINESS DISRUPTION
- $183 TO $295 MILLION HUMAN HEALTH IMPACTS AND LOST PRODUCTIVITY
- $58 TO $230 MILLION LOSS IN PROPERTY VALUE
- $173 MILLION IN DAMAGE TO PARK FACILITIES
- $20 TO $58 MILLION IN THE LOSS OF SERVICES

The ESCR design team identified a 50-year project useful life for the integrated flood protection system (IFPS) based on FEMA standard values for major infrastructure improvements, though project is expected to remain effective beyond this period, particularly with appropriate maintenance and as needed upgrades. The system will be built to be adaptable, to enable modification for additional sea level rise in the future.
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COMMENT PROCESS
At the hearing tonight

• Oral and written comments may be given at the public hearing today

• Please limit your comments to 3 MINUTES

• If you wish to make an oral statement on the record, fill out a speaker card

• Speakers will be called in the order submitted, starting with elected officials

• Written comment cards are also available
COMMENT PROCESS
Online & By Mail

- Comments accepted through **October 2, 2019**
- Proposed CDBG-DR Action Amendment 20 and public commenting forms are available at [http://www.nyc.gov/cdbgdrr](http://www.nyc.gov/cdbgdrr)
- Written comments may also be directed by mail to:
  
  Calvin Johnson  
  Assistant Director, CDBG-DR  
  NYC Office of Management and Budget  
  255 Greenwich Street, 8th Floor  
  New York, NY 10007
What Happens to Our Comments?

- All comments shall be reviewed and a City response will be incorporated into the City’s Responses to Public Comments document.

- A summary of the comments and responses will be submitted to HUD for approval along with the revised Action Plan Amendment 20.

- HUD has 45 days to review the proposed Action Plan Amendment; HUD approval is anticipated in late November.

Where Can I Find the Proposed Action Plan Amendment?

- Hard copies available today

- Proposed Action Plan Amendment 20 and public commenting forms are available at [http://www.nyc.gov/cdbgdr](http://www.nyc.gov/cdbgdr)

- Hard copy for reference:

  NYC OMB
  255 Greenwich Street, 8th Floor
  New York, NY 10007
The East Side Coastal Resiliency Project

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 23rd Street to Montgomery Street.

The ESCR Project is a priority of the City of New York, as outlined in the 2013 One New York: The Plan for a Strong and Just City and by the innovative Rebuild by Design competition sponsored by the U.S. Department of Housing and Urban Development (HUD). The project design intends to integrate flood protection into the community fabric, improving access to the waterfront rather than pushing off the neighborhood.

Since early planning, the City has been working hand-in-hand with community partners and residents to identify the best ways to meet the challenges we face from climate change, including sea level rise and more frequent, intense storms. When in place, the ESCR Project will provide improved coastal protection to more than 115,000 residents and visitors through 2.4 miles of enhanced waterfront ecology and urban spaces. Public workshops and outreach are taking place regularly, and your input is crucial in making this project the best one it can be.

Please submit public comments on the FEIS.

The FEIS comment period ends October 19, 2019 at 5:00PM

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