MEETING GOALS

• Review Project Goals
• Review Preliminary Preferred Alternative
• What Have We Been Up To?
• What’s Next?
  o Refine and Advance Design
  o Continued Community Engagement
  o EIS and ULURP Process
• Lower Manhattan Coastal Resiliency Project Updates
• Questions/Comments
EAST SIDE COASTAL RESILIENCY PROJECT GOALS

• Provide a reliable, integrated flood protection system; minimize use of closure structures and deployables

• Improve waterfront open spaces and access

• Respond quickly to the urgent need for increased flood protection and resiliency

• Achieve implementation milestones and project funding allocations as established by HUD
EAST SIDE COASTAL RESILIENCY
PRELIMINARY PREFERRED ALTERNATIVE

ESCR - PRELIMINARY PREFERRED ALTERNATIVE

- Montgomery St. Tie-Back
- Pier 42 Park
- Delancey St. New Access and Passive Areas
- Houston New Family-Friendly Waterfront Connection
- E.6th St. New Park-Side Landing
- Separated Bike and Ped. Ways
- E.10th St. New Access and Playgrounds
- Con Ed Tie-In
- FDR Cross-Over
- Wide 20th St. Crossing at Ferry Landing
- Integration w/ Solar Two Facility
Since Fall/Winter:

- Stakeholder meetings
- Procuring final design team
- Addressing comments on Draft Scope of Work
- Evaluating alternatives
- Developing draft EIS and permit applications
- Continuing to identify additional funding
WHAT’S NEXT? - DESIGN

INPUTS:
COMMUNITY PRIORITIES
CITY PRIORITIES
SITE CONDITIONS
TECHNICAL FEASIBILITY
URBAN DESIGN

CONTINUED INPUTS:
REGULATORY CONSTRAINTS
AGENCY COORDINATION
MAINTENANCE
TECHNICAL CONSIDERATIONS
COMMUNITY FEEDBACK
TRADE-OFFS AND BUDGET
OPERATIONS AND EMERGENCY MANAGEMENT

CONCEPT DESIGN

DECEMBER 2014

DESIGN DEVELOPMENT

DECEMBER 2015

ENVIRONMENTAL REVIEW AND PERMITTING

GROUNDBREAKING

JUNE 2017
WHAT’S NEXT? - DESIGN

Refine the Conceptual Design

Flood Protection Design

Parks Improvements & Resiliency Measures

Pedestrian Bridge & Access Improvements

Interior Drainage Management
COASTAL PROTECTION AND INTERIOR DRAINAGE MANAGEMENT

CURRENT CONDITIONS:

DURING A HEAVY PRECIPITATION EVENT
STORM EVENT WITHOUT COASTAL PROTECTION:

POTENTIAL FOR FLOODING FROM BOTH STORM SURGE AND PRECIPITATION
COASTAL PROTECTION AND INTERIOR DRAINAGE MANAGEMENT

STORM EVENT WITH COASTAL PROTECTION:

INLAND FLOODING THAT NEEDS TO BE MANAGED:
EVALUATING BOTH PUMPING AND STORAGE ALTERNATIVES
Focused Stakeholder Meetings (starting in mid-June 2016)

- Montgomery Street Tie-Back
  - Safety/visibility concerns
  - Aesthetic design concerns
- East 25th Street Tie-Back
  - Safety/visibility/circulation concerns
  - Aesthetic design concerns
- Delancey Street/Grand Street Access
  - Proposed newly aligned bridge and landings
  - Effects on views
  - Grand Street ramp/stair
- Park Programming Scope Meetings
  - Murphy’s Brother’s Playground
  - Asser Levy Recreation Center
WHAT’S NEXT? - COMMUNITY ENGAGEMENT

• Community Engagement Meetings
  (One set of meetings - Project Area One South, Project Area One North, Project Area Two - approximately every 6 months)
    o Project overview
    o Review designs
    o Gain community feedback on designs
    o First set of engagement meetings – Fall 2016

• Task Force Meetings
  (quarterly and open to the public)
WHAT’S NEXT? - ULURP AND EIS PROCESS

- ULURP Application Preparation Underway
- EIS Draft Scope of Work (DSOW) Issued on 10/30/15
- EIS/ULURP Application Preparation Underway
- 3 Alternatives in DSOW
  - Alternative 1 – No Action
  - Alternative 2 – Baseline Flood Protection System
  - Alternative 3 – Flood Protection System with Park and Neighborhood Connection Improvements
- 2 Additional Alternatives since DSOW
  - Alternative 4 – Flood Protection System with Integrated Park Facility Resiliency Measures
  - Alternative 5 – Flood Protection Alignment East of FDR Drive with Flyover Bridge Alternative
ALTERNATIVE 5 - RAISED FDR DRIVE / PEDESTRIAN FLYOVER BRIDGE CROSS-SECTION
LOWER MANHATTAN COASTAL RESILIENCY UPDATES

**East Side Coastal Resiliency**
Funding Secured: $335 million (CDBG-DR)
  $170 million (City Capital)
  *Project Budget: $505 million*

**Two Bridges Coastal Resiliency**
Funding Secured: $176 million (CDBG-NDR)
  $27 million (City Capital)
  *Project Budget: $203 million*

**Lower Manhattan Resiliency**
Funding Secured: $108 million (City Capital)
  *Project Budget: TBD*

*Rev. May 20, 2016*
QUESTIONS AND ANSWERS/DISCUSSION