Agenda

1. Program update  7:00 – 7:30
2. Project refinement  7:30 – 8:45
3. Next steps  8:45 – 9:00
Committee Meeting 8: Project refinement for Public Meeting

Objectives:

• Finalize Public Meeting #3 logistics and approach
• Review and refine scope of key projects
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Preliminary Project Reporting</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Confirm Priority Projects</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Project Analysis &amp; Final Priority Project Selection</td>
<td></td>
<td></td>
<td>Today</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Final Community Reconstruction Plan</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Final Conference &amp; Public Meeting</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

- **Planner Committee Meeting**
- **Public Meeting**
- **Deliverable Due Date**

- Preliminary Project Reporting: Dec. 31
- Confirm Priority Projects: Jan. 31
- Project Analysis & Final Priority Project Selection: Mid-March
- Final Community Reconstruction Plan: Mar. 31
- Final Conference & Public Meeting: By May 12
Regional Update

Jamaica Bay Working Group Update - February 10\textsuperscript{th}

– Surge Barrier

– Five Towns Evacuation Plan

– Other?
Rising to the Top Update

Criteria announced for each category:

1. Best Regional Collaboration
2. Best Use of Technology in the Planning Process
3. Best Community Involvement in the Planning Process
4. Best Inclusion of Vulnerable Populations
5. Best Use of Green Infrastructure to Bolster Resilience
7. Best Infrastructure Investments with Multiple Co-Benefits
8. Best Approach to Resilient Economic Growth

Deadlines:

• March 1: inform Regional Lead of intent to apply
• March 31: on-line application due
Public Meeting #3 Logistics

Locations and Times

Committee participation
  • Sign-up
  • Role

Public outreach strategy
  • Ad in the wave
  • Flyers in stores
  • Distribute via committee channels
Public Meeting #3 Approach

Set-up

• Easels and boards clustered by strategic ideas

Capturing public feedback

• Voting method for public, “funding” projects with play money
• Sticky notes on boards with prompting questions

Capturing public feedback

• Approach
• Content
• Costs
Agenda

1. Program update  7:00 – 7:30
2. Project refinement  7:30 – 8:45
3. Next steps  8:45 – 9:00
Projects organized by Recovery Function & Strategic Groupings

Community Reconstruction Plan

Six Recovery Functions

- Community Planning & Capacity Building
- Economic Development
- Natural & Cultural Resources
- Infrastructure
- Housing
- Health & Human Services

Strategic Grouping

Expand Relief Centers & Emergency Preparedness

Bolster Economic Development & Resilience

Improve Coastal Protection

Improve Housing Resilience
## Projects by Function/Strategy

### Expand Relief Centers and Emergency Preparedness

<table>
<thead>
<tr>
<th>Priority &amp; Featured Projects</th>
<th>Other Projects &amp; Policy Rec’s</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Fund Relief Communication Hub to provide back-up communication hardware and create a process for funneling information to the hub during an emergency. Identify key locations to implement bioswales to reduce draining issues.</td>
<td>1. Support and coordinate evacuation plans with Five Towns.</td>
</tr>
<tr>
<td>2. Create a fund to provide retrofits to organizations to become relief center satellites through the community and bolster CBO capacity to train community for emergency preparedness.</td>
<td></td>
</tr>
<tr>
<td>3. Strengthen Addobbo Health Center to protect the building from flooding and provide back-up power and communications after a storm.</td>
<td></td>
</tr>
</tbody>
</table>
## Projects by Function/Strategy

### Bolster Economic Development & Resilience

<table>
<thead>
<tr>
<th>Priority &amp; Featured Projects</th>
<th>Other Projects &amp; Policy Rec’s</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Create workforce development program around health care/EMT’s, electrician certification as well as technical certification for resiliency audits and improvements.</td>
<td>6. Work with MTA to improve Far Rockaway multi-modal transport hub</td>
</tr>
<tr>
<td>2. Improve and make more resilient the main commercial corridor at Mott Ave and Central Avenue. Improve/Implement store front improvements, public space, resilient streetscapes and alternative power sources to ensure lighting and power at the commercial cross-section after a storm.</td>
<td>7. Work with MTA to make A-line stations on peninsula ADA compliant</td>
</tr>
<tr>
<td>3. Support bus shuttle connection to reach the Rockaway West ferry stop and improve circulation across the peninsula.</td>
<td>8. Expand recreational and commercial amenities to complement the City’s plan for the beach/boardwalk</td>
</tr>
<tr>
<td>4. Create Rockaway bike share program (focus on Rockaway East, purchasing docks and bikes)</td>
<td>9. Expand recreational opportunities on the bay, such as boating or kayaking</td>
</tr>
<tr>
<td>5. Restore damaged and create new recreational amenities and retail stations on bay and beach City parkland, which may include targeted coastal protection element.</td>
<td>10. Create promenade along bayfront and remove barriers to accessing bay</td>
</tr>
<tr>
<td></td>
<td>11. Increase amenities and services for recreational uses (bathrooms, lifeguards)</td>
</tr>
<tr>
<td></td>
<td>12. Support the creation of a technical assistance and auditing program for resiliency</td>
</tr>
<tr>
<td></td>
<td>13. Create business-to-business program to bolster commercial activity across the Peninsula</td>
</tr>
<tr>
<td></td>
<td>14. Expand grant or low-cost loan programs to make businesses more resilient and encourage high-ground, transit-oriented development in Rockaway East</td>
</tr>
<tr>
<td></td>
<td>15. Support redevelopment of Peninsula hospital site</td>
</tr>
<tr>
<td></td>
<td>16. Attract businesses that expand seasonality of Rockaway East</td>
</tr>
<tr>
<td></td>
<td>17. Support redevelopment of Peninsula hospital site</td>
</tr>
</tbody>
</table>

- Economic Development
- Infrastructure
- Natural & Cultural Resources
## Improve Coastal Protection

<table>
<thead>
<tr>
<th>Priority &amp; Featured Projects</th>
<th>Other Projects &amp; Policy Rec’s</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Targeted Coastal Protection at Motts Basin?</td>
<td>2. Raise coastal edge elevation along bay to create raised greenway in Edgemere</td>
</tr>
<tr>
<td></td>
<td>3. Raise coastal edge elevation on Western coastline of bay of Dubos Point</td>
</tr>
<tr>
<td></td>
<td>4. Raise coastal edge elevation on Western coastline of bay in Brandt Point</td>
</tr>
<tr>
<td></td>
<td>5. Protect against frequent localized flooding in Bayswater</td>
</tr>
<tr>
<td></td>
<td>6. Complete USACE reformulation strategy and dune protection with expedited implementation</td>
</tr>
<tr>
<td></td>
<td>7. Design and implement comprehensive coastal protection for all at-risk communities, via large scale solutions including a surge barrier in Jamaica Bay</td>
</tr>
</tbody>
</table>
### Improve Housing Resilience

<table>
<thead>
<tr>
<th>Priority &amp; Featured Projects</th>
<th>Other Projects &amp; Policy Rec’s</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Create program to provide education, technical assistance and counseling to homeowners</td>
<td>2. Fill gaps in scope of housing resiliency and recovery programs</td>
</tr>
<tr>
<td></td>
<td>3. Provide financing tool to building owners to offset retrofit and increased insurance costs</td>
</tr>
<tr>
<td></td>
<td>4. Create or expand program to help homeowners assess technical housing needs</td>
</tr>
<tr>
<td></td>
<td>5. Create a plan to ensure continuity of service in all schools after a storm</td>
</tr>
<tr>
<td></td>
<td>6. Establish requirements for multi-family building owners to create and communicate emergency plans and ensure safety of residents</td>
</tr>
</tbody>
</table>
Relief Centers and Emergency Preparedness

Priority and Featured Projects

1. Fund Relief Communication Hub to provide back-up communication hardware and create a process for funneling information to the hub during an emergency. Identify key locations to implement bioswales to reduce draining issues.

2. Create a fund to provide retrofits to organizations to become relief center satellites through the community and bolster CBO capacity to train community for emergency preparedness.

3. Strengthen Addobbo Health Center to protect the building from flooding and provide back-up power and communications after a storm.
Fund Relief Communication Hub

Description
Fund Relief Communication Hubs to provide back-up communication hardware and create a process for funneling information to the hub during an emergency. Identify key locations to implement bioswales to reduce existing draining issues.

Cost
Forthcoming
Create a Fund to Provide Retrofits

Create a fund to provide retrofits to organizations to become relief center satellites that serve as distribution centers through the community, and bolster CBO capacity to train community for emergency preparedness.

**Cost**

*Physical Improvements*

For CBOs in floodplain: ~$10,000 for 10,000 SF

*Emergency Preparedness Training*

<$150,000 a year
Strengthen Addobbo Health Center

Strengthen Addobbo Health Center to protect the building from flooding and provide back-up power and communications after a storm.

Cost
Forthcoming
Economic Development and Recreation

**Priority and Featured Projects**

1. Create workforce development program around health care/EMT’s, electrician certification as well as technical certification for resiliency audits and improvements.

2. Improve and make more resilient the main commercial corridor at Mott Ave and Central Avenue. Improve/Implement store front improvements, public space, resilient streetscapes and alternative power sources to ensure lighting and power at the commercial cross-section after a storm.

3. Support bus shuttle connection to reach the Rockaway West ferry stop and improve circulation across the peninsula.

4. Create Rockaway bike share program (focus on Rockaway East, purchasing docks and bikes)

5. Restore damaged and create new recreational amenities and retail stations on bay and beach City parkland, which may include targeted coastal protection.
Create workforce development program

**Priority and Featured Projects**

1. Create workforce development program around health care/EMT’s, electrician certification as well as technical certification for resiliency audits and improvements.

Cost: ~$<300,000
Improve and make more resilient the main commercial corridor at Mott Ave and Central Avenue

1. Improve and make more resilient the main commercial corridor at Mott Ave and Central Avenue. Improve/Implement store front improvements, public space, resilient streetscapes and alternative power sources to ensure lighting and power at the commercial cross-section after a storm.

Cost: $3,000,000-7,000,000 (pricing depending on desired program)
Create bus shuttle service

Priority and Featured Projects
1. Support bus shuttle connection to reach the Rockaway West ferry stop and improve circulation across the peninsula.

Cost: $1.7 million for 2 years of operations
Create Rockaway bike share program

1. Create Rockaway bike share program (focus on Rockaway East, purchasing docks and bikes) with locations to be sited through a community process

Cost: $900,000
Create new recreational amenities: Bayswater Park

New Facilities:
1. Public Art Plaza
2. Boat Shed $1.25-1.75M
3. Kayak Launch
4. Running Track
5. BBQ and Picnic Area
6. Skate Area $200-300K
7. Permanent Event Stage
8. Baseball Field (1)
9. Cricket Field (1)
10. Soccer Field (1) $1-1.25M
11. Tennis Courts (3)
12. Junior Tennis Courts (2)
13. Basketball Courts (3)
14. Handball Courts (6)
15. Playground $560-875K
16. Toddler Playground $300-500K
17. Water Jets
18. Improved Crossing (DOT to review)
19. Refurbished Comfort Station $0.75-1.25M

All costs are draft estimates for specific amenities only and do not account for other necessary infrastructure.
Create new recreational amenities: Thursby Basin Park
Create new recreational amenities: Bayside Nature Trail
Create new recreational amenities: Oceanside

- **Cost: $1.3M**
  - B 26th-27th

- **Cost: $2.7M**
  - B 20th Overlook

- **Cost: $2.6M**
  - B 9th Seating/Play Area
Housing

1. Create program to provide education, technical assistance and counseling to homeowners

Cost: Sarah update
Smaller-scale, complementary coastal protection and drainage measures

- NYCDPR: Rockaway Parks Conceptual Plan
- USACE: coastal restoration opportunities
- Opportunity to incorporate resiliency into recreation and restoration plans
  - Build on existing efforts
  - Can be combined with other strategies (NYCEDC bulkhead-raising project)
  - Create momentum around coastal protection
Note: Extremely low-lying areas indicated in teal
Rockaway Parks Conceptual Plan (NYCDPR)
USACE identified Sites

- USACE Restoration site – Somerville Basin
- USACE Restoration site – Conch Basin
- USACE Restoration site – Mott Basin
Thursby Park
Examine Thursby Park potential for bioswales to improve drainage issues
Approx. Cost: $30,000 for each bioswale

Somerville Basin
Ecological restoration, recreational path on top of 4’ berm
Restoration: $2M-$5M
Berm: $3M

Mott Basin
Ecological restoration, recreational path on top of 4’ berm
Restoration: $1M-$3M
Berm: $6.5M

Conch Basin
Ecological restoration, recreational path on top of berm
Restoration: $450K
Berm: $6.5M

*All costs represent a conceptual estimate of probable cost - not for reliance - confidential/work-in-progress
Potential Committee Actions

- Provide funding to NYCDPR to implement specific measures
- Provide input and recommendations to NYCEDC bulkhead-raising effort
Agenda

1. Program update 7:00 – 7:30
2. Project refinement 7:30 – 8:45
3. Next steps 8:45 – 9:00