Project Prioritization
East and South Shores, Staten Island
NYRCR Planning Committee Meeting

January 29, 2014
Agenda

7:00  Welcome and Sign-in

7:05-7:40  Presentation:
   • Overview and Methodology of Prioritization Process
   • Selected Priority Projects
   • Review of Priority Projects
   • Review of Potential Priority Project Menus

7:45 – 8:20  Break-out Groups on Menu Options

8:20 – 8:50  Groups Report Back/Facilitated Discussion

8:50 – 9:00  Next Steps / Questions
Purpose of Tonight’s Meeting

- Priority Projects selected by Planning Committee
- Next Steps/Schedule
- Public Engagement Meeting #3 (Feb 12th)
- Date for Planning Committee #6 (March 12th)
NY Rising Community Reconstruction Program Schedule

30 week Schedule

- Planning Committee Meeting
- Public Meeting
- Deliverable Due Date

**Tonight’s Meeting**

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<th>Deliverables</th>
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<th>September</th>
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**Stages:**
- Community Vision
- Understanding Assets
- Conceptual Plan
- Testing the Concepts
- Refining & Analyzing the Concepts
- Producing the Final Plan
Where we are in the process

**Identify Projects**
- Type *(Study, Advocacy, Implementation)*
- Project Sponsor
- Location
- Committee Input

**Evaluate Projects**
- CDBG-DR Eligibility
- Cost-Benefit Criteria
- Other Criteria
- Committee Input

**Refine Projects**
- Funding Sources
- Cost Benefit Analysis
- Implementation Schedule
- Committee Input
NYRCR Program Schedule – Key Dates

- **1/29** – Planning Committee Meeting - prioritize projects based on actual costs.

- **1/31** - CDBG-DR Priority Project List (10-15 projects) due to State.

- **2/12** – 3rd Public Workshop – review priority projects

- **3/12** – 6th Planning Committee Meeting – Review Draft Plan
Projects Screening: Screening Criteria

**Risk Reduction**
- Number and value of extreme and high risk assets, critical infrastructure secured
- Demographics of lives secured

**Co-Benefits**
- Sustainability
- Economic Impacts
- Environmental Benefits
- Health and Social Benefits
- Essential Services during events

**Cost**
- Capital Cost
- Life-Cycle Cost
- Useful Life
- Cost-Risk Reduction Ratio

**Feasibility**
- Technically Feasible
- Permitting / Approval
- Real Property Constraints

**Funding Availability**
- FEMA
- HUD CDBG-DR
- Other funding
- Ability to Generate Incremental Revenue

**Public Support**
- Public Engagement
- Regional Planning Efforts
- Regional Support
- Agency/Government Support

**Overall Project Screening Score:**
- High ●
- Medium ○
- Low ○
Project Types

Immediate  \((0 - 2 \text{ years})\)

Intermediate  \((2 - 5 \text{ years})\)

Long-Range  \((5+ \text{ years})\)
Project Types

Implementation:

‘Shovel ready’ projects that Staten Island could implement *in the Short Term*.

Feasibility Study:

Staten Island should make plans for these projects *NOW* so that they can get money to build it in *Medium-Long Term*.

Advocacy:

Projects that Staten Island should lay the ground work for *NOW* so that others will implement it *Medium - Long-Term*. 
Priority Project Feasibility

- Must be CDBG-DR Eligible
- Project (or discrete phase) must be entirely funded through NYRCR Program
- Each Priority Project *must* have an agency/non-profit sponsor
- Since Last meeting Planning Team has met with:
  - Mayor’s OLTPS
  - NYC DEP
  - NYC DOT
  - NYC EDC
  - Meetings to come: DCOP and OEM
  - NYC Parks
  - NYS DEC
  - USACE
  - SIUH
Projects Being Undertaken by Others (through varied funding sources)

- Ocean Breeze Buy-outs (NYS)
- Oakwood Beach Wetland and Dune Creation (Regional Council)
- West Branch of the New Creek BlueBelt (USDA)
- Breakwaters at Great Kills Harbor (DEC)
- Sewer Improvements in New Dorp Beach and South Beach (DDC)
- Oyster Reefs / ‘The Shallows’ (Rebuild by Design)
- USACE Study from Great Kills to Tottenville
Priority Project Rankings

- 23 committee members provided project ranking forms
- Follow-up Conference Call was held to discuss projects and project ranking forms
- Rankings were tabulated by theme
- Rankings were cross-referenced with the prioritization of projects recorded at the December committee meeting
- Projects with highest public support and highest project screening score (Harvey Ball – based on cost-benefit matrices) were selected
Potential Priority Projects: $35.5 million

Top projects by theme
A3 – Interim East Shore Coastal Protection Measures

Phase 1: Coastal Dune Planting - $105,000
Phase 2: Dune Construction - $2.46 million

4.5 Miles of Coastal Planting (Phase 1)
1.6 Miles of New Dunes (Phase 2)
A5 – Tottenville Dunes and Coastline Dune Plantings - $4.7 million

7 Miles of Coastal Planting
1.3 Miles of Dunes
A7 – Integrated South Shore Protection Plan - $650,000

Floodgate
Berm
Alternative Flood Prevention

Artificial Reefs
Floating Islands
B2 – New Creek Bluebelt at Last Chance Pond - $5.5 million
B4 – Hylan Blvd Streetscape Improvements - $900,000
B5: McLaughlin St. Residential Conversion to Bluebelt - $2.6 million
C1 – Microgrid and Renewable Energy Study - $320,000
C6 – East Shore Microgrid Network Pilot Project – $6 million
C7 – South Shore Micrgrid Network Pilot Project – $4 million
C2 – “Go to High Ground” Wayfinding Signage and Automobile Staging Area Study - $250,000

GO TO HIGH GROUND

STORM SURGE ZONE

GO TO HIGH GROUND WAYFINDING SIGNAGE AND AUTOMOBILE STAGING AREA STUDY - $250,000

[Map of the area with key locations such as College of Staten Island, Petrides School, and Staten Island Mall marked with 'P' for parking.]
D1 – Staten Island ‘Central Command Center’ Location and Feasibility Study - $250,000
D2 – Establish a Non-Profit Emergency Response Network - $280,000
D6 – Port Richmond CERT - $65,000
E1 – East Shore Comprehensive Waterfront Master Plan - $500,000
E2 – Neighborhood Home Elevation and Resiliency Improvement Assistance Program - $4 million

E9 – Establish a Nonprofit Network to Provide Home Elevation and Repair - $4 million
E10 – Midland Beach Merchants Association - $300,000

E11 – Sand Lane Merchants Association - $300,000
E12 – Implement ‘Race for Space’ Grant Program - $400,000

Photo by Ron Janorkar
Priority Projects Menus

Guiding Principles

- Projects with Highest Screening Score (●) and Highest Public Support are included in *all options*
- Priority Projects with lowest Public Support and Medium Screening Score (●) are *not included in any of the options*
- Geographic Diversity (East and South Shores; Island-wide)
- Emphasis on Implementation projects, but incorporating studies to address long term issues
- Distribution of projects to all five Themes
CDBG Allocation

THEME A: Coastal Protections

$25 Million

THEME B: Stormwater Management

THEME C: Key Connections and Physical Infrastructure

THEME D: Emergency Response Capacity

THEME E: Neighborhood Integrity
Included in All Options:

• **A3** – Phase 1: Interim East Shore Coastal Protection Plan (Plantings)
• **A5** – Tottenville Dunes
• **A7** – Integrated South Shore Protection Plan
• **B2** – New Creek Bluebelt at Last Chance Pond
• **B4** – Hylan Blvd Streetscape Improvements
• **C1** – Microgrid Study
• **C2** – ‘Go to High Ground’ Study
• **C6** – East Shore Microgrid Pilot Project
• **D1** – ‘Central Command Center’ Study
• **D2** – Non-Profit Emergency Response Network
• **D6** – Port Richmond CERT
• **E1** – East Shore Comprehensive Waterfront Master Plan
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<td>Option 1</td>
<td>Both phases of A3</td>
<td>Includes B5</td>
<td>Both the East and South Shores (C6 and C7)</td>
<td>Includes Both E10 and E11</td>
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<td>Both phases of A3</td>
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<td>Only the East Shore (C6)</td>
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<td>Includes E2 and E9</td>
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Option 3: $28,520,000
Additional Projects

• **Featured projects** – Preferred projects will be included in the body of the Final Plan as long-term recommendations and will include detailed project, cost information, and potential funding sources.

• **Other projects** – additional resiliency projects and actions (those included in the master screening matrix) that the Committee would like to highlight – included as an appendix to the Final Plan.
YOUR INPUT IS IMPORTANT!

Wednesday, February 12

Come to a Public Workshop on February 12 to learn about the NY Rising program, see the progress the committee has made thus far, and most importantly, to comment on the projects that the committee has identified and to share your ideas of how to make Staten Island’s East and South Shore communities more resilient.

Public Workshop
7PM – 9PM
New Dorp High School
465 New Dorp Lane
Staten Island

The NY Rising Community Reconstruction Program was established by Governor Cuomo’s Office of Storm Recovery to provide assistance to communities that were severely damaged by Superstorm Sandy. A committee of Staten Island civic, business and non-profit leaders are developing a comprehensive recovery plan that increases resilience and economic development in communities on the East and South Shores.

The committee has identified priority projects that will help make the East and South Shores more resilient. The projects that the committee has chosen are intended to:

- Provide greater coastal protections to protect residents from storm surge.
- Improve stormwater management to reduce flooding during heavy rains.
- Strengthen key connections between critical facilities to reduce power outages and improve transportation during disasters.
- Increase the emergency response capacity of non-profit and disaster recovery organizations on Staten Island.
- Build upon the neighborhood integrity of communities impacted by Sandy to increase the resilience of homes and businesses.

The East & South Shores
Coming back stronger, building back better!

www.stormrecovery.ny.gov | #NYRising @NYStormRecovery
Tonight: Committee Breakouts

• 7:45 – 8:20: Breakout Groups
• 8:20 – 8:50: Discussion - Groups Report
  Back/Consensus on Priority Projects
• 8:50 – 9:00: Wrap-up