Planning Committee Meeting #9
6:30pm – 8:30pm, 01/24/14
Brooklyn Amity School
3867 Shore Parkway, Brooklyn, NY
Meeting Agenda

- Welcome and Introductions
- Project Progress to Date
- Identification of Priority and Featured Projects
- Overview of Risk Assessment Analysis
- Preparation for 3rd Public Engagement Event
- Questions and Next Steps
NYRCP Program Overview

Meeting Objectives

Identify Assets And Risks → Define Needs, Opportunities, And Vision → Identify, Evaluate, And Prioritize Projects And Actions → Identify Funding Source, Risk Assessment Benefit/Cost → Create Final Community Reconstruction Plan

January 31: Priority Project List
February 27, 2014: 3rd Public Event
Jan-March: Project Develop and Plan Preparation
March 31: Final NYRCP Plan

Gerritsen Beach and Sheepshead Bay Committee Meeting
# Work Schedule

## Deliverables

<table>
<thead>
<tr>
<th>Deliverable</th>
<th>Jan</th>
<th>Feb</th>
<th>Mar</th>
<th>Apr</th>
<th>May</th>
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</thead>
<tbody>
<tr>
<td>Priority Project List</td>
<td>8</td>
<td>9</td>
<td>1/31</td>
<td></td>
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<tr>
<td><strong>Draft NYRCR Plan</strong></td>
<td></td>
<td></td>
<td>3</td>
<td>2/27</td>
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<tr>
<td>Event 3: Priority and Featured Projects</td>
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<td></td>
<td>2/27</td>
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<td>03/31</td>
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<tr>
<td><strong>Final NYRCR Plan</strong></td>
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<td>03/31</td>
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<tr>
<td>Event 4: Reconstruction Plan</td>
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<td>03/31</td>
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### Public Engagement Event

- **Date TBD; by May 12**

### Planning Committee Meeting

- **Date TBD; by May 12**

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Gerritsen Beach and Sheepshead Bay Committee Meeting
Project Prioritization
Project Prioritization

Categorize Initial Project List into three groups:

• CDBG-DR Priority Projects
• Featured Projects
• Other Projects

Due on 1/31:
- Full information on 5-10 Priority Projects
- Cost Estimates for Priority Projects and Featured Projects
Gerritsen Beach: Priority Projects as of 1/24

1) Feasibility Study for Surge Protection
2) Retrofitting of Vollies Hall and Gerritsen Beach Fire Station
3) Elevation of Mechanical Systems for Key Businesses
4) Floodproofing of Businesses and Community Services Assets
5) Sewer Connection Cut-Off Valves for Residences
Gerritsen Beach: Priority Projects as of 1/24

6) Backflow Prevention on Municipal Infrastructure
7) Develop Alternate Egress Route for Evacuation
8) Repair/Reconstruction of Canton Court Bulkhead
9) Enhancement of Sub-Surface Utilities and Reconstruction of Substandard Streets
10) Community Center at Everitt Ave. and Lacon Court
Sheepshead Bay: Priority Projects as of 1/24

1. Installation of Backflow Prevention Measures on City Infrastructure (Storm Drains/Catch Basins)
2. Installation of Sewer Connection Cut-Off Valves to Homes and Businesses
3. Installation of Backup Generators to Protect Key Facilities and Infrastructure Systems
4. Community Center for Use as Emergency Response HQ
5. Elevation/Retrofit of Homes (Direct Financial Assistance)
Sheepshead Bay: Priority Projects as of 1/24

6. Feasibility Study for Mapping of Bungalow Courts as City Streets, Connection to City Infrastructure, and Retrofit Options

7. Develop MOU on Jurisdiction and Maintenance of Plumb Beach

8. Feasibility Study for Flood Barrier Systems in Sheepshead Bay

9. Refurbishment of Veterans Memorial on Emmons Avenue (as part of Complete Streets project)
Risk Assessment of Community Assets
Coastal Risk Assessment

Gerritsen Beach and Sheepshead Bay - Coastal Risk Assessment

NYSDOS Preliminary Hazard Zones

- Extreme
- High
- Moderate

Source: Federal Emergency Management Agency (FEMA), NYC Department of City Planning, MapPLUTO
Coastal Risk Assessment

Source: Federal Emergency Management Agency (FEMA), NYC Department of City Planning, MapPLUTO
Risk Assessment for Assets and Key Systems

- Identification of Assets is Complete
- Assess Risks to Assets
- Identify Most At-Risk Assets to Inform Selection of Priority Projects
- Three Major Factors: Hazard, Exposure, Vulnerability
Risk Assessment for Assets and Key Systems

- Hazard: Likelihood and magnitude of future events
- Exposure: moderating effects of shoreline and topographic features
- Vulnerability: level of impairment
- Scores are assigned in NY State Risk Assessment Tool to represent these factors
Risk Assessment Tool

Risk Calculation:

\[ \text{Hazard} \times \text{Exposure} \times \text{Vulnerability} = \text{Risk} \]

Components

Hazard: Score of 3 based on “100-year” event

Exposure: Score based on landscape attributes

Vulnerability: Single score based on downtime after a 100-year event

(Committee input/review needed!)
Vulnerability Issues

• Community should be source of vulnerability info
• Sandy impacts should be considered, but not only source
• Grouping should be considered: e.g., houses with basements will be flooded in a similar fashion
• Why was something non-functional: direct damage, power outage, water/sewer outage?
• Scores should be established to show the difference when mitigation actions are applied
<table>
<thead>
<tr>
<th>Impact</th>
<th>Insignificant</th>
<th>Minor</th>
<th>Moderate</th>
<th>Significant</th>
<th>Major</th>
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<tr>
<td><strong>A. Economic Assets</strong></td>
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<td>Limited interruption in service or short term reduced service</td>
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<td>Service loss for up to 1 week or longer term reduced service</td>
<td>Service loss for more than 1 week up to 1 month or longer term reduced service</td>
<td>Service loss for more than 1 month or permanent reduced capacity</td>
<td>Permanent loss of service of the economic asset</td>
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<tr>
<td><strong>B. Health and Social Services Assets</strong></td>
<td>Limited interruption in service or short term reduced service; Services under more than usual stress but manageable</td>
<td>Service loss for up to 1 week or longer term reduced service; Services under more than usual stress on several fronts</td>
<td>Service loss for more than 1 week up to 1 month or longer term reduced service; Services under severe pressure</td>
<td>Service loss for more than 1 month or permanent reduced capacity</td>
<td>Permanent loss of service of any one of the essential services listed</td>
</tr>
<tr>
<td><strong>C. Housing Assets</strong></td>
<td>Limited inconvenience</td>
<td>Out of use for up to 1 week</td>
<td>Out of use for more than 1 week up to 1 month</td>
<td>Out of use for up to 6 months [OR] permanent loss of 15% or less of housing in a group asset</td>
<td>Out of use for more than 6 months [OR] permanent loss of more than 15% of housing in a group asset</td>
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<tr>
<td><strong>D. Infrastructure Systems Assets</strong></td>
<td>Limited interruption in service or short term reduced service</td>
<td>Service loss for up to 1 week or longer term reduced service</td>
<td>Service loss for more than 1 week up to 1 month or longer term reduced service</td>
<td>Service loss for more than 1 month or permanent reduced capacity</td>
<td>Permanent loss of service of any one of the facilities listed</td>
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<tr>
<td><strong>E. Natural and Cultural Resources Assets</strong></td>
<td>Limited interruption in service or short term reduced service; Minimal natural habitat impacts, temporary loss of public access, temporary loss of open space/tourism assets</td>
<td>Service loss for up to 1 week or longer term reduced service; Minimal natural habitat impacts, temporary loss of public access, temporary loss of open space/tourism assets</td>
<td>Service loss for more than 1 week up to 1 month [OR] Moderate impacts on natural habitats, sustained loss of public access, long term loss of private open space</td>
<td>Service loss greater than 1 month [OR] Permanently diminished capacity of natural resource; substantial damages of important natural habitats</td>
<td>Permanent loss of service of the cultural asset [OR] complete loss of important natural habitats</td>
</tr>
<tr>
<td><strong>F. Assets Providing Services for Socially Vulnerable Populations</strong></td>
<td>Limited service interruption</td>
<td>Service interruption for up to 1 week</td>
<td>Service interruption for more than 1 week up to 1 month</td>
<td>Permanent service interruption of more than 1 and less than 6 months</td>
<td>Service interruption of 6 or more months</td>
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Public Engagement Event #3

Format: Short Presentation/Open House/Individual Feedback

Pins represent attendees at Nov. 20th Event
Public Engagement Event #3

• Short Presentation (15 min.): Overview and Orientation
• Open House: until 9pm

Station 1 - Background Information Station (state represent/consultant team/co-chairs)
Station 2 - Factors: Criteria, Ranking, Inventory Process
Project Stations – Priority Project and Featured Projects
Exit Station – Map your address and collect feedback forms
Brochure and Feedback Materials

• Brochure: project descriptions and background about the criteria and project development

• The project feedback form will include the following components:
  – Rating system to gauge support:
    • High – Strong support to move forward as is;
    • Medium – General support, but some issues to resolve such as location or project details;
    • Minimal – Action is not presently supported,
    • Additional information needed to evaluate project
  – Additional Feedback
3rd Public Engagement Event:
February 27th at Brooklyn Amity School

Key Deadlines

- Venue and Date Chosen: 1/10
- Flyer and Poster Approved by Committee: 1/17
- Posters and Flyers Provided to Committee: 1/24
- Flyers, Posters, and Electronic Outreach Complete: 2/7
- Public Engagement Meeting Materials Approved by Committee (Boards, Brochures, and Feedback Forms): 2/21
- Event Held: 2/27
Questions and Next Steps
Online info

Community Reconstruction Program Website
http://stormrecovery.ny.gov/community-reconstruction-program

Gerritsen Beach and Sheepshead Bay Community Reconstruction Website:

Or search for NY Rising and follow the links