Planning Committee Meeting #8
6:30pm – 8:30pm, 01/10/14
Brooklyn Amity School
3867 Shore Parkway, Brooklyn, NY
Meeting Agenda

- Welcome and Introductions
- Project Progress to Date
- Planning for 3rd Public Engagement Event
- Project Discussion under **Natural and Cultural Resources** and **Economic Development** recovery functions
- Initial Project List: Identification of Key Projects
- Overview of Risk Assessment Analysis
- Questions from Public 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 Sources, Risk Assessment, Benefit/Cost
- Create Final Community Reconstruction Plan

Timeline:
- December 30: Initial Project List
- January 31: Priority Project List
- February 2014: 3rd Public Event
- March 31: Final NYRCP Plan

Gerritsen Beach and Sheepshead Bay Committee Meeting
Work Schedule

<table>
<thead>
<tr>
<th>Deliverables</th>
<th>Oct</th>
<th>Nov</th>
<th>Dec</th>
<th>Jan</th>
<th>Feb</th>
<th>Mar</th>
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<tr>
<td>Conceptual Plan</td>
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<td>List of Strategies</td>
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<td>Initial Project List</td>
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<td>Priority Project List</td>
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<td>Draft NYRCR Plan</td>
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<td>Event 3: Priority projects</td>
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<td>Final NYRCR Plan</td>
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<td>Event 4: Reconstruction Plan</td>
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Public Engagement Event

Planning Committee Meeting

Deliverables:
- Conceptual Plan
- List of Strategies
- Initial Project List
- Priority Project List
- Draft NYRCR Plan
- Final NYRCR Plan

Event 3: Priority projects

Event 4: Reconstruction Plan

Dates:
- Conceptual Plan: 10/28
- List of Strategies: 11/30
- Initial Project List: 12/30
- Priority Project List: 01/31
- Draft NYRCR Plan: February
- Final NYRCR Plan: 03/31
3rd Public Engagement Event: February 2014

Key Deadlines

- **Choose Venue and Date** 1/10/2014
- **Flyer and Poster Approved by Committee** 1/17/2014
- **Posters and Flyers Provided to Committee** 1/24/2014
- **Public Engagement Meeting Materials Approved by Committee (Boards, Brochures, and Comment Cards)** 2/17/2014
- **Event Held** Date TBD
3rd Public Meeting: February 2014

Venue Availability by Date

<table>
<thead>
<tr>
<th>Date</th>
<th>Kingsborough CC, Manhattan Beach</th>
<th>Kings Bay Y, Nostrand Ave.</th>
<th>Brooklyn Amity School</th>
<th>PS 277, Gerritsen Ave.</th>
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<tbody>
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<td>Mon. 2/24</td>
<td>--</td>
<td>pending</td>
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<tr>
<td>Wed. 2/26</td>
<td>Yes (Rotunda)</td>
<td>pending</td>
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<td>Yes</td>
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<tr>
<td>Thurs. 2/27</td>
<td>--</td>
<td>pending</td>
<td>Yes (Long Beach mtg.)</td>
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</table>
Identify Assets and Risks, Define Needs, Opportunities, and Vision

Identify Funding Sources

Risk Assessment

Benefit/Cost

Develop Implementation Plan

Create Final Community Reconstruction Plan

Identify, Evaluate, and Prioritize Projects and Actions

3rd Public Meeting: February 2014

Kingsborough Community College: Rotunda
PROJECT DISCUSSION
NATURAL AND CULTURAL RESOURCES
Natural and Cultural Resources Projects Identified:

Gerritsen Beach

• Community Center (new construction) at Lacon Court w/Green Building Technologies

• Refurbishment and Improvement of Veterans Memorial at Seba Avenue

Any other needs or project ideas?
Community Center: Lacon Court, Gerritsen Beach
Natural and Cultural Resources Projects Identified:

Sheepshead Bay
• Community Center (potential retrofit) w/Green Building Technologies
• Refurbishment of the Round House at Plumb Beach to Improve Public Access and Water-Related Recreational Opportunities
• Inclusion of Comfort Stations at Brigham St. Park (included in DPR Plan)
• Refurbishment and Improvement of Veterans Memorial on Emmons Avenue at Haring St.

Any other needs or project ideas?
BRIGHAM PARK
Playground and Passive Recreation
BRIGHAM PARK
Playground and Passive Recreation
ECONOMIC DEVELOPMENT
Economic Development
Projects Identified to Date:

• Elevation of Mechanical Systems for Buildings
• Educational Outreach to Small Businesses
• Establishment of a Merchants Association
• Identification of Resilient Temporary (Post-Disaster) and Permanent Sites for Businesses
• Small Business Insurance Program

Any other needs or project ideas?
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
Infrastructure Projects Identified for Further Refinement

- Protective Measures to Protect Belt Parkway and Reduce Erosion and Wave Overtopping
- Flood Barrier Systems in Sheepshead Bay
- Stormwater Backflow Prevention Measures
- Flood Barrier and Gate System in Gerritsen Beach
Housing Projects Identified for Further Refinement

Elevating Mechanical Equipment: Community facilities and housing for vulnerable populations

Financial Assistance: to help residents elevate or retrofit homes in high-risk areas to reduce future vulnerability

Sewer Connection Cut-Off Valves: Install in homes to prevent sewer backflow.

Elevation and Retrofit of Homes: Identify structures suitable for elevation and owners willing to participate.
Risk Assessment of Community Assets
Details for Asset Info Fields

- **Location** (address, longitude, latitude)
- **Asset Classes:**
  - Economic
  - Health & Social Services
  - Housing
  - Infrastructure
  - Natural & Cultural
## Details for Asset Info Fields

<table>
<thead>
<tr>
<th>Economic</th>
<th>Health_and_Social_Services</th>
<th>Housing</th>
<th>Infrastructure_Systems</th>
<th>Natural_and_Cultural_Resources</th>
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<tbody>
<tr>
<td>Downtown Center</td>
<td>Higher Education Institutions</td>
<td>Single-Family Residence</td>
<td>Telecommunications</td>
<td>Natural Habitats</td>
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<tr>
<td>Small Business</td>
<td>Schools</td>
<td>Multi-Family Residence</td>
<td>Wastewater</td>
<td>Water Bodies</td>
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<tr>
<td>Large Business</td>
<td>Primary/Regional Hospitals</td>
<td>Mixed-Use Housing</td>
<td>Stormwater</td>
<td>Wetlands and marshes</td>
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<tr>
<td>Employment Hub</td>
<td>Healthcare Facilities</td>
<td>Supportive Housing</td>
<td>Water Supply</td>
<td>Parks and Recreation</td>
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<tr>
<td>Lodging</td>
<td>Daycare and Eldercare</td>
<td>Senior Housing</td>
<td>Hazardous Materials, Solid Waste, and Recycling</td>
<td>Agricultural areas</td>
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<tr>
<td>Industrial, Warehousing and Manufacturing</td>
<td>Government and Administrative Services</td>
<td>Affordable Housing</td>
<td>Transportation</td>
<td>Cultural or Religious Establishments</td>
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<tr>
<td>Restaurants</td>
<td>Public Works Facilities</td>
<td></td>
<td>Liquid Fuels</td>
<td>Libraries</td>
</tr>
<tr>
<td>Banks and Financial Services</td>
<td>Military Installations</td>
<td></td>
<td>Power Supply</td>
<td>Community Centers</td>
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<tr>
<td>Tourism Destinations</td>
<td>Emergency Operations/Response</td>
<td></td>
<td>Marine commerce facilities</td>
<td>Museums, Performing Arts Centers, Stadiums</td>
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<tr>
<td>Marina/Water Based Business</td>
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<td>Navigable waterway facilities</td>
<td>Historic Landmarks and Facilities</td>
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<td>Grocery/Food Suppliers</td>
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<td>Hunting and Fishing Lands</td>
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<td>Natural Protective Features</td>
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</table>
Details for Asset Info Fields

• Socially Vulnerable Populations:
• FEMA Critical Facility: Yes, No, or No but locally significant
• Community Value: Low, Medium, High

The community can determine value in many ways. For example, high value may be placed on critical facilities, high property tax revenue generators, or large employers.
Grouping Approach

Group by:

- Asset type (all sewers as one group)
- Geography (horizontal and vertical)
- Neighborhoods (lots/blocks are too detailed in NYC)
- Community priority/rank
- Similar mitigation approaches
- Pick representative asset (within a group)
Risk Assessment Tool

Risk Calculation:

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

Components

Hazard: Score based on return period (100-yr = 3)

Exposure: Score based on landscape attributes

Vulnerability: Single score based on downtime

(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 3
Vulnerability Based on Impact on Service or Function of Community Assets

<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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<tbody>
<tr>
<td>A. Economic Assets</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 the economic asset</td>
</tr>
<tr>
<td>B. Health and Social Services Assets</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>
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<tr>
<td>C. Housing Assets</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>
</tr>
<tr>
<td>D. Infrastructure Systems Assets</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>
</tr>
<tr>
<td>E. Natural and Cultural Resources Assets</td>
<td>Limited interruption in service or short term reduced service [OR] Limited loss of access, habitat, or use</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>
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<tr>
<td>F. Assets Providing Services for Socially Vulnerable Populations</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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</table>
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

Gerritsen Beach and Sheepshead Bay Committee Meeting