**Introductions**

**Staten Island Regional Lead**
- Alex Zablocki
- Claudia Filomena

**New York State Planners**
- Fred Landa
- Ron Rizzotti

**Staten Island Planning Committee Co-Chairs**
- David Sorkin
- Vin Lenza
**Introductions**

**Staten Island Planning Committee**

**Co-Chairs**
David Sorkin
Vin Lenza

**Committee Members**

**NY Rising Community Reconstruction Program**

**Director:** Jamie Rubin

**NYC Lead Planner:** Stephen Ridler

**SI Regional Lead:** Alex Zablocki & Claudia Filomena

**NY State Planners:** Ken Smith & Fred Landa

**Planning Team**

**Perkins Eastman**

**BFJ Planning**

**Louis Berger Group**

Howard/ Stein-Hudson -- Real Estate Solutions Group -- John V. Waters -- dLand Studios

PACO Group -- Marsh Risk Consulting -- Amman & Whitney -- VJ Associates -- Tidal Basin
Community Reconstruction (CR) Plan

Tonight’s agenda

7:00   Introductions

7:05   Overview of the New York Rising Program:
       Key Elements of Conceptual Plan
       Schedule

7:25 – 9:00   Open House
The Community Reconstruction Program: Key Steps

- Identify and assess the community’s key assets
- Assess the risks and vulnerabilities to future natural disasters
- Identify projects and actions—short, medium, and long-term—to increase resilience and further economic development
The Community Reconstruction Program: Key Elements of the Plan

The Plan should:

• Increase resilience of the key assets
• Address short, medium and long term risks
• Balance costs and benefits
• Protect vulnerable populations
• Drive economic growth
• Coordinate with Regional Initiatives
• Outline Steps for implementation
• Identify Funding Sources
**Process: The Six Reconstruction Strategies**

1. Community Planning and Capacity Building
2. Economic Development
3. Health and Social Services
4. Housing
5. Infrastructure
6. Natural and Cultural Resources
Identifying Funding Sources

NY Rising Community Reconstruction Program Funds:

- $25 million allocated for reconstruction projects in the East and South Shores of Staten Island
- Possible additional funds for exemplary public engagement, regional coordination and design innovation.
Identifying Funding Sources

**Federal Funds:**
- CDBG-DR
- FEMA: Public & Individual Assistance, Hazard Mitigation Grants
- Social Services Block Grants
- Federal Transit Authority & Federal Highway Administration Relief
- Clean Water & Drinking Water State Revolving Fund

**State and City Funds:**
- NY Smart Home Buyout Program
- NYC Build it Back (CDBG-DR)
- Small Business Matching Grant Program (CDBG-DR)
- NYC Nonprofit Recovery Loan/Grant Program
### Schedule

#### Draft Conceptual Plan
- **Due Date:** by October 28

#### Final Plan
- **Due Date:** By March 2014

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**Legend:**
- Blue: Planning Committee Meeting
- Red: Deliverable Due Date

**Icons without dates haven’t been set yet.**
Staten Island NYS DOS Risk Assessment Map

Coastal Risk Areas
- Extreme
- High
- Moderate
Understanding the Area's Critical Assets

Asset Classes
- Economic Development
- Health & Social Services
- Housing
- Infrastructure
- Natural & Cultural Resources
- Socially Vulnerable Populations
NY Rising Vision for Staten Island

• A diverse, yet unified community with significant natural, cultural and economic assets,

• a long tradition of engaged citizens with a strong and unique sense of identity.

• Building on the strength of these assets, the East and South Shores will come back stronger and build back better after Superstorm Sandy.
NY Rising Vision for Staten Island

Goals:

• Strengthen local business corridors and improve connections to key economic assets in the North Shore to increase the East and South Shore’s economic resilience.

• Improve coordination between health and social services organizations to effectively communicate services to all populations. Resilience is just as much about social programs and education as it is physical infrastructure.

• Provide residents in low-lying and coastal areas with a range of housing options that are resilient in design and location.
NY Rising Vision for Staten Island

Goals:

• Rebuild in a way that enhances the area’s grey and green *infrastructure systems* to withstand future extreme weather events.

• Enhance the area’s *natural and cultural resources* to better withstand storm surges and high winds, and to help control other forms of flooding from heavy rains.

• Bolster the support infrastructure for the East and South Shore’s most *vulnerable populations*, including *low-income populations, the elderly, people with disabilities, children* and the *homeless*
Community Planning & Capacity Building

**Need**
Greater coordination amongst community-based organizations to prepare for disasters and help people recover.

**Opportunity**
Strong network of non-profit organizations and civic pride that can be built upon to improve education and outreach.

Economic Development

**Need**
Stronger, more resilient local economy that helps local businesses bounce back more quickly from disasters.

**Opportunity**
Active community of small businesses that are rooted in their neighborhoods and supported by local business groups.

Health & Social Services

**Need**
Coordination amongst health care and social services organizations to help vulnerable populations from disasters.

**Opportunity**
- Strong institutions (e.g. SIUH and RUMC)
- Specialized social services organizations that are embedded in the community (e.g. JCC, Richmond Senior Services, and Staten Island NFPA).

Conceptual Plan: Needs & Opportunities
Housing

Need
Creative programs to help extreme and high risk neighborhoods build back more safely or relocate to nearby areas.

Opportunity
Strong sense of community amongst waterfront neighborhoods.

Infrastructure

Need
• Improved stormwater Drainage
• Strengthened coastal protections
• Expanded sewer networks
• More reliable electrical grid.

Opportunity
• Potential to utilize and expand natural protections and green infrastructure (e.g. Staten Island Bluebelt, sand dunes).
• Large institutional facilities, municipal buildings, and open space to house microgrids and renewable energy.

Natural & Cultural Resources

Need
Integration of natural resources into existing stormwater and flood protection infrastructure.

Opportunity
Ample parkland, open space, and established Bluebelt program create potential to expand green infrastructure and improve stormwater protections.

Conceptual Plan: Needs & Opportunities
**Theme 1**

Leverage funding sources for their maximum value, including the available $25M in CDBG-DR funds and additional sources, by evaluating the impact of ongoing and planned projects in order to identify gaps where the strategic application of these funds can make the most difference.

**Theme 2**

Strengthen key connections to enable the East and South Shores to better withstand future weather events. Although the emphasis of the NYRCR Plan is on the East and South Shores, Staten Island is one island, and the Planning Area is inextricably linked to, and dependent upon, the rest of the island.

**Theme 3**

Build on the strong network of existing civic, health and social service organizations that the East and South Shore communities have been fortunate to have operating in the area to strengthen the resilience of the area’s organizational infrastructure.

Reconstruction Strategies: Key Themes
Theme 1: Leverage available funds for maximum value

1. Leverage/Modify the Bluebelt System to Address Flooding in the Planning Area
2. Wetland Maintenance for Flood Control
3. Offshore Reefs
4. Seawall Reconstruction at Atlantic Village
5. Install Floodgates at the mouth of Mill Creek
6. Residential Buyouts in Communities along the East and South Shores
7. Leverage Buyout Parcels for Stormwater Management or Coastal Protection
8. Complete New Creek Bluebelt
9. Complete Lemon Creek Wetlands Restoration
10. Install Stone Armoring and Living Shorelines in Annadale and South of Great Kills Harbor
11. Install Offshore Breakwaters adjacent to and South of Great Kills Harbor
12. Elevate Clusters Of Homes on the East + South Shores
13. The Village at Great Kills Harbor
14. Tottenville Buyout Area Restoration Project
15. Tottenville Dunes
16. Lemon Creek Floodgates in Princes Bay
17. Storm Sewer on Midland Avenue and Doty Avenue
18. Multi-layer Seawalls along Father Capodanno Blvd
19. 10 ft. Berm from Seaview to Great Kills Beach with boardwalk access
20. St. George / Tompkinsville Promenade
21. Short-term Coastal Protections at Annadale Beach

Legend:
- Coastal Flooding Protection
- Stormwater Solution
- Community + Economic
- Critical Infrastructure
- Specific Potential Projects
- General Potential Projects

Staten Island NYS DOS Risk Assessment map
- Moderate
- High
- Extreme

Miles
Theme 1: Leverage Available Funds for Maximum Value

1. Leverage / Modify the Bluebelt System to Address Flooding in the Planning Area
   - The Staten Island Bluebelt program:
     1. Preserves natural drainage corridors, called Bluebelts, including streams, ponds, and other wetland areas.
     2. Uses streams, ponds, and other wetland systems to convey, storing, and filtering stormwater.
     3. Creates important community open spaces and diverse wildlife habitats.
     4. Saves tens of millions of dollars in infrastructure costs when compared to providing conventional storm sewers for the same land area.

2. Wetland Maintenance for Flood Control
   - Offshore (Oyster) Reefs
   - Seawall Construction at Atlantic Village
   - Install Floodgates at the Mouth of Mill Creek
   - Residential Buyouts in Communities along the East and South Shore
   - Leverage Buyout Parcels for Stormwater Management or Coastal Protection
     - DEP, in collaboration with the National Park Service, is proposing this project to remove fill over nearly 53 acres and allow greater tidal inundation and create back dunes to reduce the effects of rising coastal waters.
     - This project also has an important value of removing highly flammable Phragmites and replacing with tidal wetland plants.

Tourist REVIEWS COMMITTEE
Theme 1: Leverage Available Funds for Maximum Value
**Theme 1: Leverage Available Funds for Maximum Value**

- **16. Lemon Creek Floodgates in Princes Bay**
- **17. Storm Sewer on Midland Avenue and Dey Avenue**
- **18. Multi-layer Seawalls along Father Capodanno Blvd.**
- **19. 10ft. Berm from Seaview to Great Kills Beach with Boardwalk Access**
- **20. St George - Tompkinsville Promenade**
- **21. Short-term coastal protections at Annadale Beach**

The St. George - Tompkinsville Promenade is envisioned to create a continuous waterfront connection from St. George to Stapleton.
Theme 1: Leverage Available Funds for Maximum Value - Innovative Ideas
Theme 2: Strengthen Key Connections between the East and South Shores and the rest of Staten Island

1. Identify Key Locations for Microgrids and Renewable Energy Sources
2. Creation of Offsite Data Warehouse or ‘Hot Sites’ for Small Businesses
3. South Shore Fast Ferry Service
4. Public Education Program and Staging Area for Automobile Evacuation
5. Relocate Richmond Valley SIR Station
6. Charleston Road Improvements
7. Hylan Blvd. Flood Protection
8. Bayonne Bridge Light Rail Extension

Coastal Flooding Protection
Stormwater Solution
Community + Economic
Critical Infrastructure
Specific Potential Projects
General Potential Projects

Reconstruction Strategies

Staten Island NYS DOS Risk Assessment map
- Moderate
- High
- Extreme

Risk Assessment map

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Theme 2: Strengthen Key Connections between the East and South Shores and the rest of Staten Island
Theme 2: Strengthen Key Connections between the East and South Shores and the rest of Staten Island - Innovative Ideas
Theme 3: Build on the Strong Network of Existing Civic, Health and Social Service Organizations

1. Prepare Island-wide Master Plan for Island’s Long Term Future
2. Identify Location and Programming for a ‘Central Command Center’
4. Non-Profit Emergency Response Network
5. Create a ‘Buddy System’ or Database of Socially Vulnerable Populations
6. Develop a Common Application for Disaster Recovery Support Services and Funding
7. Staten Island Univ. Hosp. Hazard Mitigation Plan
Theme 3: Build on the Strong Network of Existing Civic, Health and Social Service Organizations
Theme 3: Build on the Strong Network of Existing Civic, Health and Social Service Organizations - Innovative Ideas
Community Reconstruction (CR) Plan

Open House

Stations:

- NYRCR Program Information
- Vision
- Theme 1: Leverage Available Funds for Maximum Value
- Theme 2: Strengthen Key Connections between East and South Shores and the rest of Staten Island
- Theme 3: Build on the Strong Network of Existing Civic, Health and Social Service Organizations
Community Reconstruction (CR) Plan

We want your feedback!

1. Fill out a Comment Form

2. Go to the Community Reconstruction Website to provide online feedback (http://stormrecovery.ny.gov/communityreconstruction-Program)

3. Email Comments to: info@stormrecover.ny.gov

4. Attend a future Staten Island Planning Committee Meeting

5. Attend future Public Meetings – January 2014