

Goals & Recovery Functions

Community Reconstruction Plan

Six Recovery Functions



GOALS

- Increase resiliency of 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

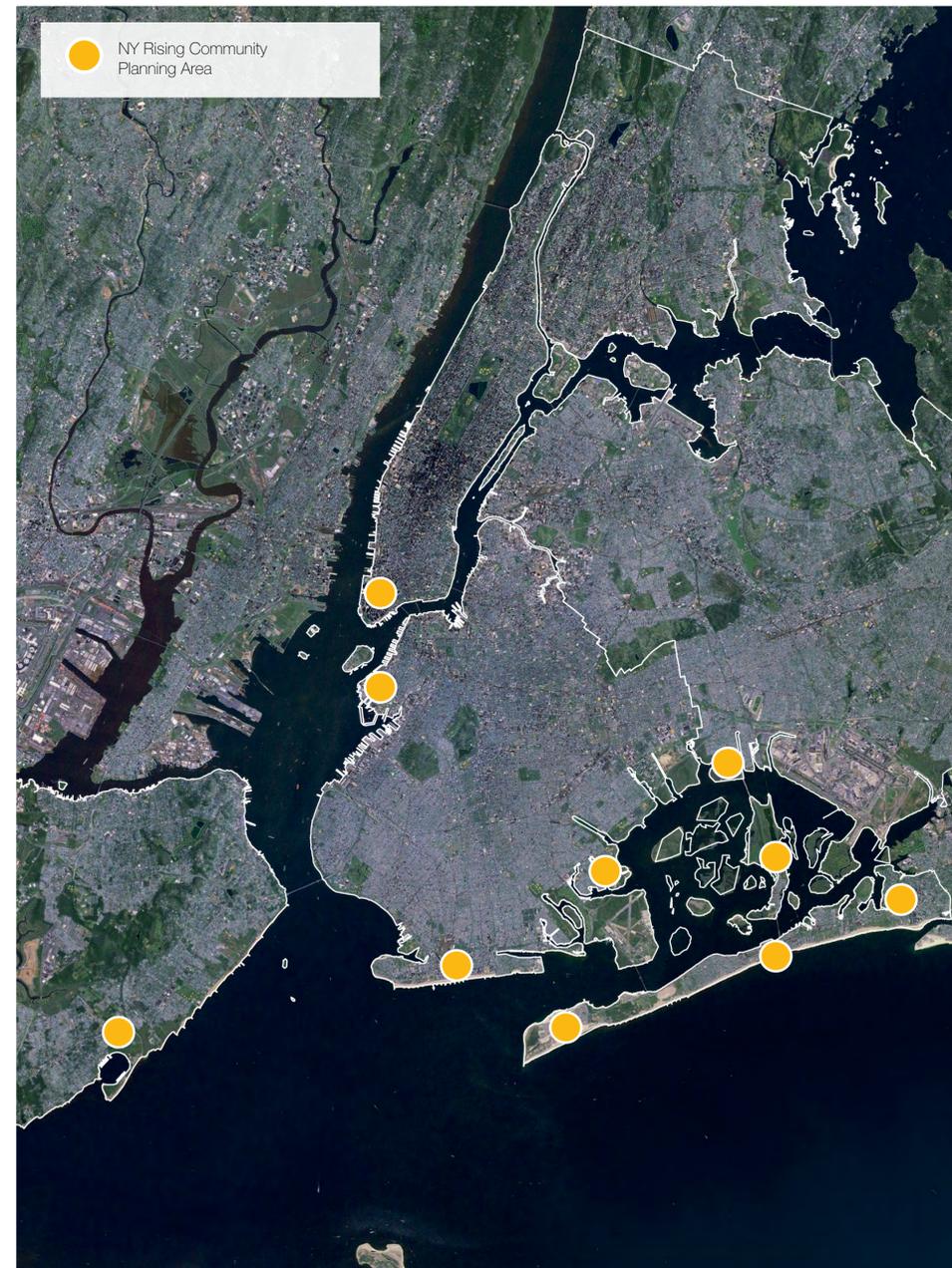
The NY Rising Community Reconstruction Program is helping communities impacted by Hurricane Irene, Tropical Storm Lee, and Superstorm Sandy to rebuild and become more resilient through community-driven plans that consider current damage, future threats to community assets, and the community's economic future. Residents are being asked to participate in public forums to learn more about the program and share their input on assets, needs, opportunities, and community vision to help shape the planning process.

Join the conversation!

#NYRising
@NYStormRecovery
NYStormRecovery



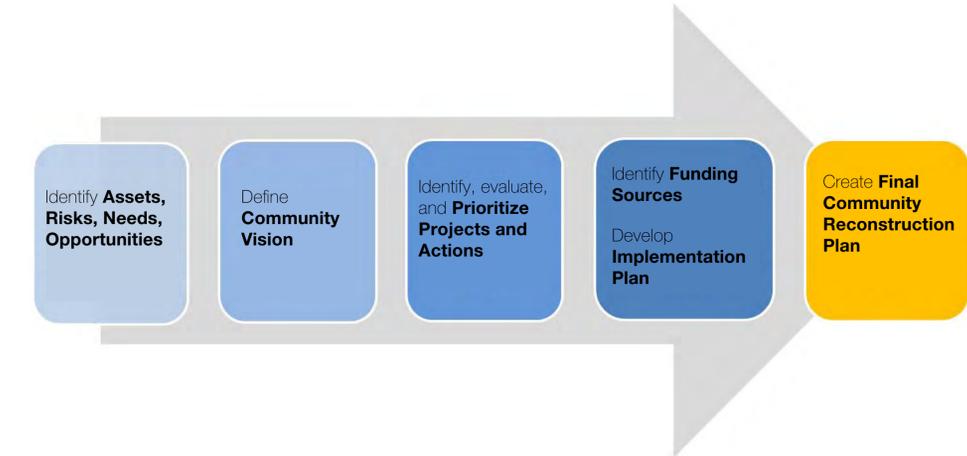
Map of Communities in NYC



New York City contains 10 of the 43 communities in New York State undergoing the NY Rising Community Reconstruction process.

Planning Process & Work Schedule

PLANNING PROCESS



WORK SCHEDULE

- Planning Committee Meeting
- Public Meeting
- Deliverable Due Date

Deliverables	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May.
Work Plan	●								
Vision, Asset & Risk Assessments		1 ●	●						
Draft Conceptual Plan		2 ●	1 ●	3 ●					
List of Strategies					2 ●	4 ●			
Preliminary Project Reporting					5 ●				
Confirm Priority Projects					6 ●	7 ●			
Project Analysis & Final Priority Project						8 ●	9 ●	3 ●	
Final Community Reconstruction Plan								10 ●	
Final Conference & Public Meeting									4 ●

For more information, please contact:

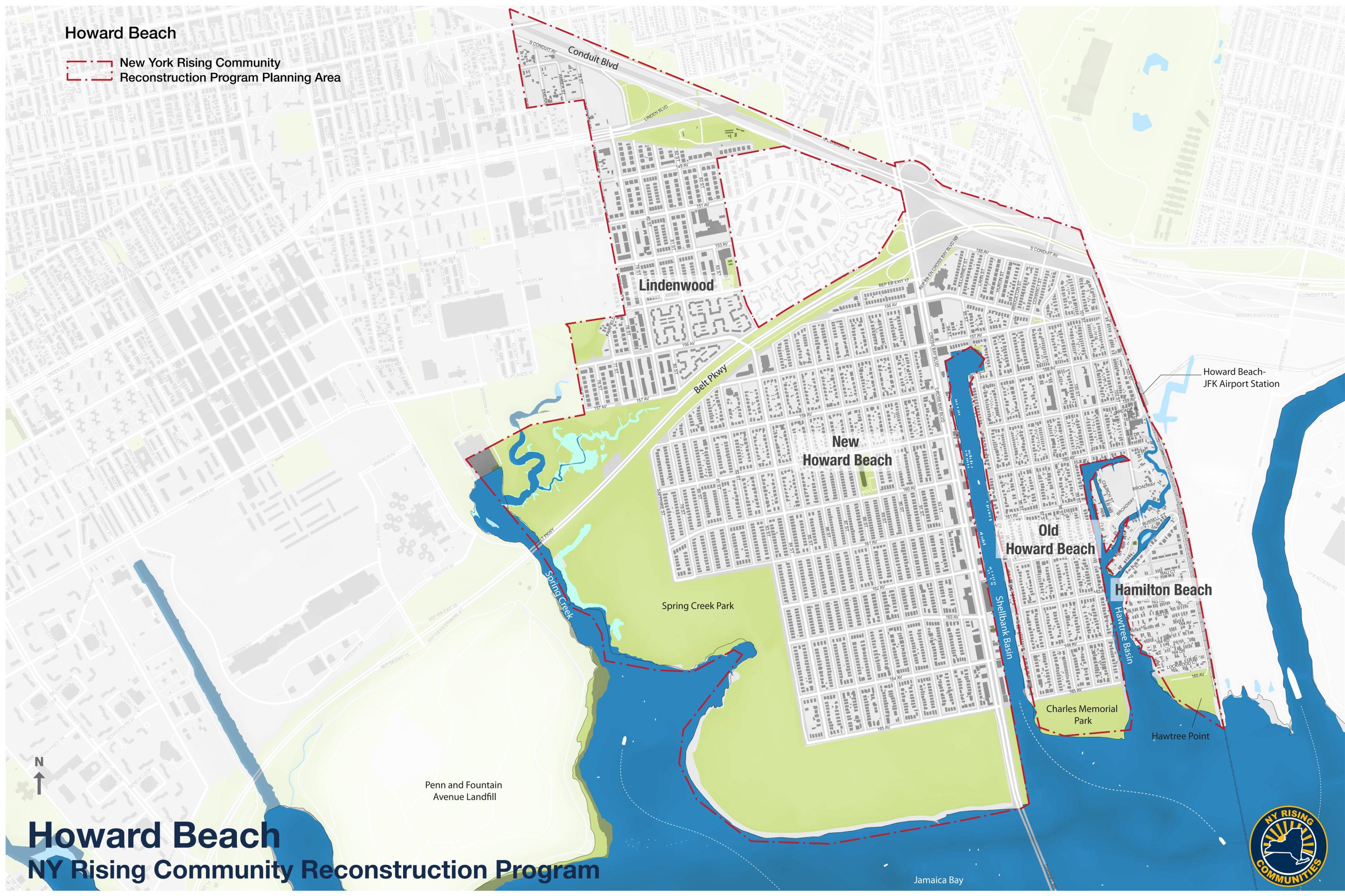
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www.stormrecovery.ny.gov



Howard Beach

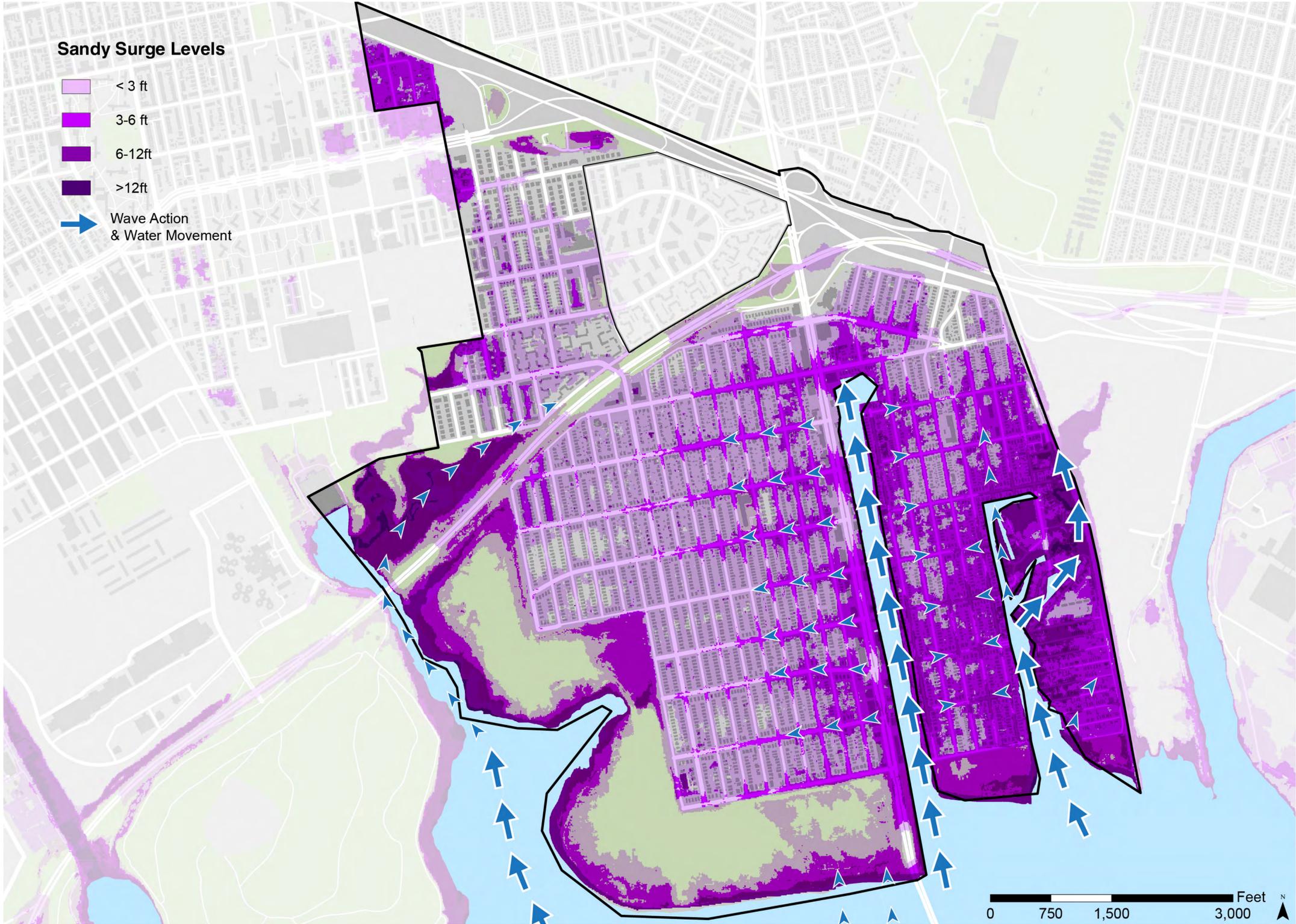
 New York Rising Community Reconstruction Program Planning Area



Howard Beach NY Rising Community Reconstruction Program



What Happened During Sandy?



Needs and Opportunities

NATURAL & CULTURAL RESOURCES

- 1 Better maintenance strategy for active Gateway National Recreation Area parklands
- 2 Pursue potential resiliency projects in coordination with Jamaica Bay strategies
- 3 Activate currently inaccessible Gateway National Recreation Area parklands along waterfront as part of resilience strategy

INFRASTRUCTURE

- 4 Surge Protection to Safeguard Critical Assets
- 5 Flooding of low-lying streets – treatment strategy for surface and storm water
- 6 Protect the three sub stations that provide electrical power to Howard Beach
- 7 Create better vehicular and pedestrian access to isolated communities
- 8 Prevent Sewer back-up

HEALTH & HUMAN SERVICES

- 9 Protect vulnerable populations – seniors, schools and disabled
- 10 Better understand the location and needs of the senior population living in Howard Beach

COMMUNITY PLANNING & CAPACITY BUILDING

- 11 Create emergency preparedness and response plan
- 12 Leverage strong community capacity developed in wake of Sandy
- 13 Develop better data on location and needs of seniors and other vulnerable populations

ECONOMIC DEVELOPMENT

- 14 Increase resiliency of the main commercial corridor of Cross Bay Boulevard which sits adjacent to Atlantic Basin
- 15 Stop flooding in Coleman Square

HOUSING

- 16 Reduce flooding in low-lying homes
- 17 Better understanding of new rules affecting housing improvements and redevelopment



Better maintenance strategy for active Gateway National Recreation Area parklands



Activate currently inaccessible Gateway National Recreation Area parklands along waterfront as part of resilience strategy



Create better vehicular and pedestrian access to isolated communities. Photo Credit: Hawtree Basin Pedestrian Bridge (jag 9889/Flickr)



Protect vulnerable populations – seniors, schools and disabled



Reduce flooding in low-lying homes



Better understanding of new rules affecting housing improvements and redevelopment



Proposed and Featured Projects

“To be a vibrant and sustainable community that enables residents and visitors to enjoy the bounty of its commercial strip and the natural beauty of Jamaica Bay.”

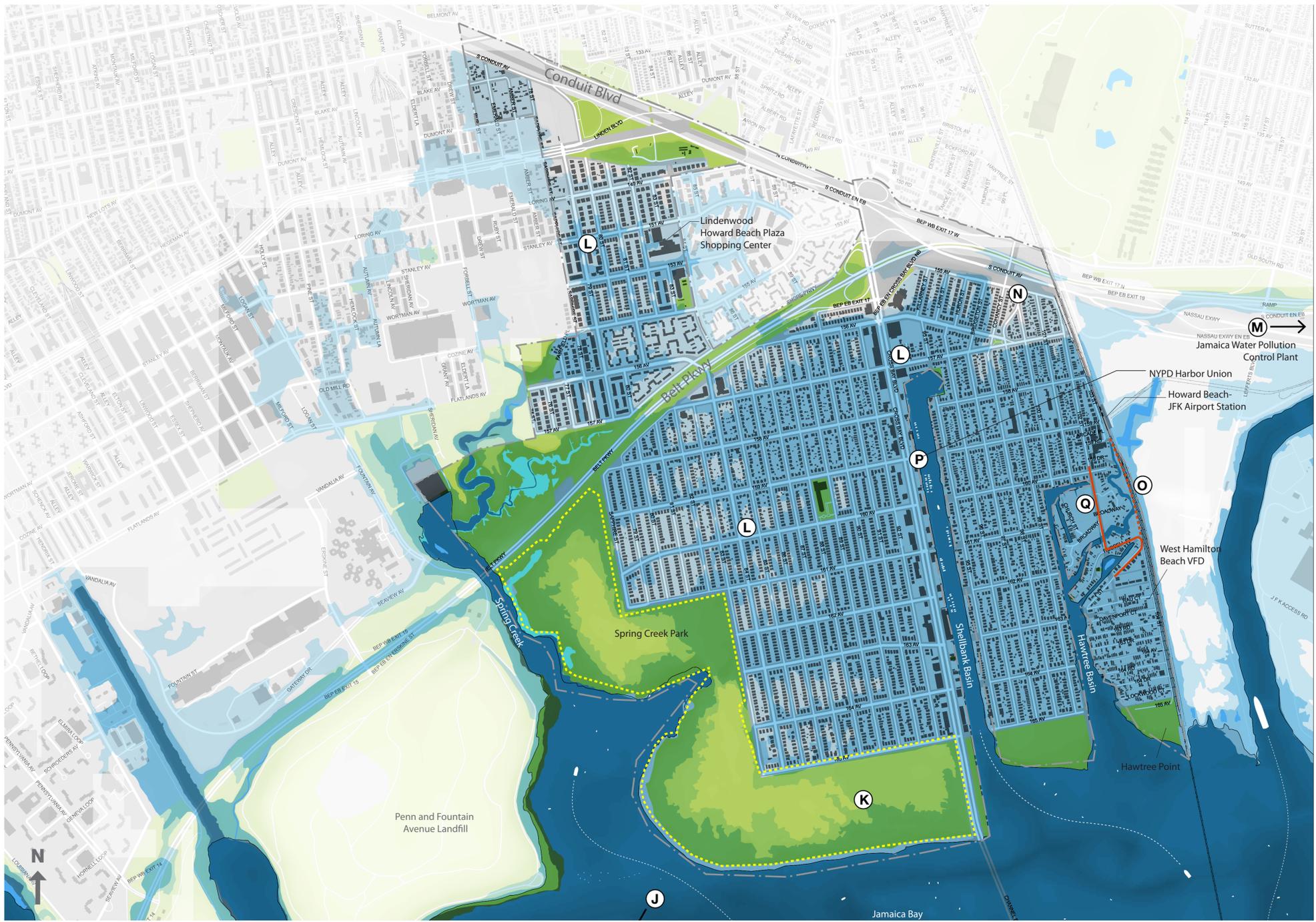
- Community Vision Statement



- (A) Howard Beach Comprehensive Protection Study**
 - Develop design for tide gates and berms
- (B) Coastal Protection - Phase I: Charles Memorial Park Berm**
 - Construct edge protection measures for Charles Memorial Park
- (C) Upper Spring Creek Ecosystem Restoration**
 - Restore and enhance salt marsh and coastal upland ecosystem
- (D) Upper Hawtree Flood Protection and Drainage Improvements**
 - Target Coleman Square (Equinox) flood protection and make associated drainage improvements
- (E) Catholic Charities Relief Center Hub**
 - Expand healthcare and social infrastructure to support senior and other vulnerable populations
- (F) Satellite Relief Centers**
 - Expand the healthcare and social infrastructure network to support senior and other vulnerable populations
- (G) West Hamilton Beach Volunteer Fire Department**
 - Make resiliency improvements to West Hamilton Beach Volunteer Fire Department
- (H) Business Resiliency Program**
 - Establish a fund for economic resilience initiatives for Howard Beach
- (I) Residential Resiliency Program**
 - Provide technical assistance to homeowners to make homes more resilient

Additional Resiliency Recommendations

Additional Resiliency Recommendations are resiliency projects and actions the Committee would like to highlight but the Committee is not contributing funding to these projects.



- J Jamaica Bay Protection Strategy**
 - The Howard Beach Committee is represented on the regional Jamaica Bay New York Rising Committee looking into later regional protection measures for Jamaica Bay (see individual board).
- K NYS DEC Lower Spring Creek Resiliency Project**
 - State of New York Governor allocated a special CDBG-DR to this project to better protect homes and businesses from storm surges and sea level rise (see individual board).
- L Provide local protection to all three ConEdison substations**
 - ConEdison has proposed Tiger Dams. The Committee is recommending a more permanent solution for all three substation locations.
- M Protect New York City Department of Environmental Protection (DEP) Sewage Treatment Facility against flooding and storm surge**
 - DEP is proceeding with protection measures estimated at \$213,000.
- N Protect DEP pumping facilities against storm events so that they do not shut down during future events**
 - DEP is proceeding with protection measures estimated at \$8,165,000.
- O Rebuild Boardwalk connecting Hamilton Beach to Coleman Square**
 - New York City Department of Citywide Administrative Services is in the process of replacing this boardwalk, which was severely damaged during Superstorm Sandy.
- P Enhance the resiliency of NYPD Harbor Unit in New Howard Beach with new boats**
 - Non-permanent items are not eligible for CDBG-DR funding. However, Committee strongly supports funding to provide rescue boats for the NYPD Harbor Unit.
- Q Raise 102nd, Russell, and 104th Streets where flooding is most severe**
 - This represents the only automobile route out of Hamilton Beach. Several road sections are low-lying and prone to flooding.



Vote With Your NY Rising Bucks

How would you distribute the \$18.3 million dollars allocated to Howard Beach? The envelopes that you received at check-in contain 18.3 million in NY Rising bucks. Please walk through all the projects listed below, then return to the ballot boxes and dole out your NY Rising bucks to the projects that you believe would be the most beneficial to the community. YOUR VOTE COUNTS. The money will be tallied and be used to inform the committee on their decisions.

Infrastructure Natural & Cultural Resources



- (A) Howard Beach Comprehensive Coastal Protection Study**
 - Develop design for tide gates and berms
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Health & Human Services Community Planning & Capacity Building



- (E) Catholic Charities Relief Center Hub**
 - Expand healthcare and social infrastructure to support senior and other vulnerable populations
- (F) Satellite Relief Centers**
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- (G) West Hamilton Beach Volunteer Fire Department**
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Housing Economics



- (H) Business Resiliency Program**
 - Establish a fund for economic resilience initiatives for Howard Beach
- (I) Residential Resiliency**
 - Provide technical assistance to homeowners to make homes more resilient



Howard Beach Strategies



infrastructure / natural & cultural resources

Protect the Edge

Howard Beach has an extensive edge consisting of natural coastline, basins and estuaries. A holistic strategy that stops surge from entering the community is needed to reduce risk from future sea level rise and storm events.



health & social services / community capacity building

Expand Healthcare and Social Infrastructure to Support Senior and Other Vulnerable Populations

Howard Beach is proud of its multi-generational character and wants to protect and encourage more youth and elderly people to live in Howard Beach.



infrastructure

Protect Against Power Outages

When Howard Beach was flooding during Superstorm Sandy, its three at-grade Con Edison power stations were all compromised, knocking out power to homes throughout Howard Beach.



infrastructure / housing

Mitigate Sewer Back-Up

During Superstorm Sandy, sewer back-up issues were rampant in homes and businesses.



economics

Protect Vital Economic Corridors

Howard Beach recognizes that its business community is essential to the long-term economic vitality of Howard Beach.



housing / community capacity building

Protect Housing Against Sea Level Rise and Future Storm Events

Many individual homes in Howard Beach were flooded and damaged during Superstorm Sandy.



infrastructure / natural & cultural resources / economics

Mitigate Localized Flooding

While Superstorm Sandy was an epic storm that carried a significant flooding impact, many low-lying sections of Howard Beach flood routinely during equinox tides.



infrastructure

Increase Access to Isolated Sections of the Community

The Howard Beach community consists of multiple residential neighborhoods that are separated by large inlets and basins.



natural & cultural resources / community capacity building

Improve Accessibility to Park and Recreation Area

Much of the waterfront edge of the Howard Beach community is comprised of park space, much of it is natural and not accessible to the community. When developing resiliency strategies, consider opportunities to increase access to active and passive recreation.



infrastructure / natural and cultural resources

Protect Jamaica Bay

Working with the other communities and involved agencies focused on the long-term protection strategy for Jamaica Bay, Howard Beach supports a strategy for rebuilding the wetlands in Jamaica Bay and supports a study of barrier protection at the mouth of Jamaica Bay.



Howard Beach: Implementing A Strategic Plan

STRATEGIES

- Protect the Edge
- Expand Healthcare and Social Infrastructure to Support Senior and Other Vulnerable Populations
- Protect Against Power Outages
- Mitigate Sewer Back-Up
- Protect Vital Economic Corridors
- Protect Housing Against Sea Level Rise and Future Storm Events
- Mitigate Localized Flooding
- Increase Access to Isolated Sections of the Community
- Improve Accessibility to Park and Recreation Area
- Protect Jamaica Bay

PROPOSED AND FEATURED PROJECTS

- A Howard Beach Comprehensive Coastal Protection Study
- B Coastal Protection - Phase I: Charles Memorial Park Berm
- C Upper Spring Creek Ecosystem Restoration
- D Upper Hawtree Flood Protection and Drainage Improvements
- E Catholic Charities Relief Center Hub
- F Satellite Relief Centers
- G West Hamilton Beach Volunteer Fire Department
- H Business Resiliency Program
- I Residential Resiliency

ADDITIONAL RESILIENCY RECOMMENDATIONS

- J Jamaica Bay Protection Strategy
- K NYS DEC Lower Spring Creek Resiliency Project
- L Provide local protection to all three ConEdison substations
- M Protect DEP Sewage Treatment Facility against flooding and storm surge
- N Protect DEP pumping facilities against storm events so that they do not shut down during future events
- O Rebuild Boardwalk connecting Hamilton Beach to Coleman Square
- P Enhance the resiliency of NYPD Harbor Unit in New Howard Beach with new boats
- Q Raise 102nd, Russell, and 104th Streets where flooding is most severe



How do these projects improve the resiliency of the Howard Beach community? What are the strengths and weaknesses? What do you suggest to improve these projects?

I think...

