



East Bronx Waterfront Planning Committee Meeting #2

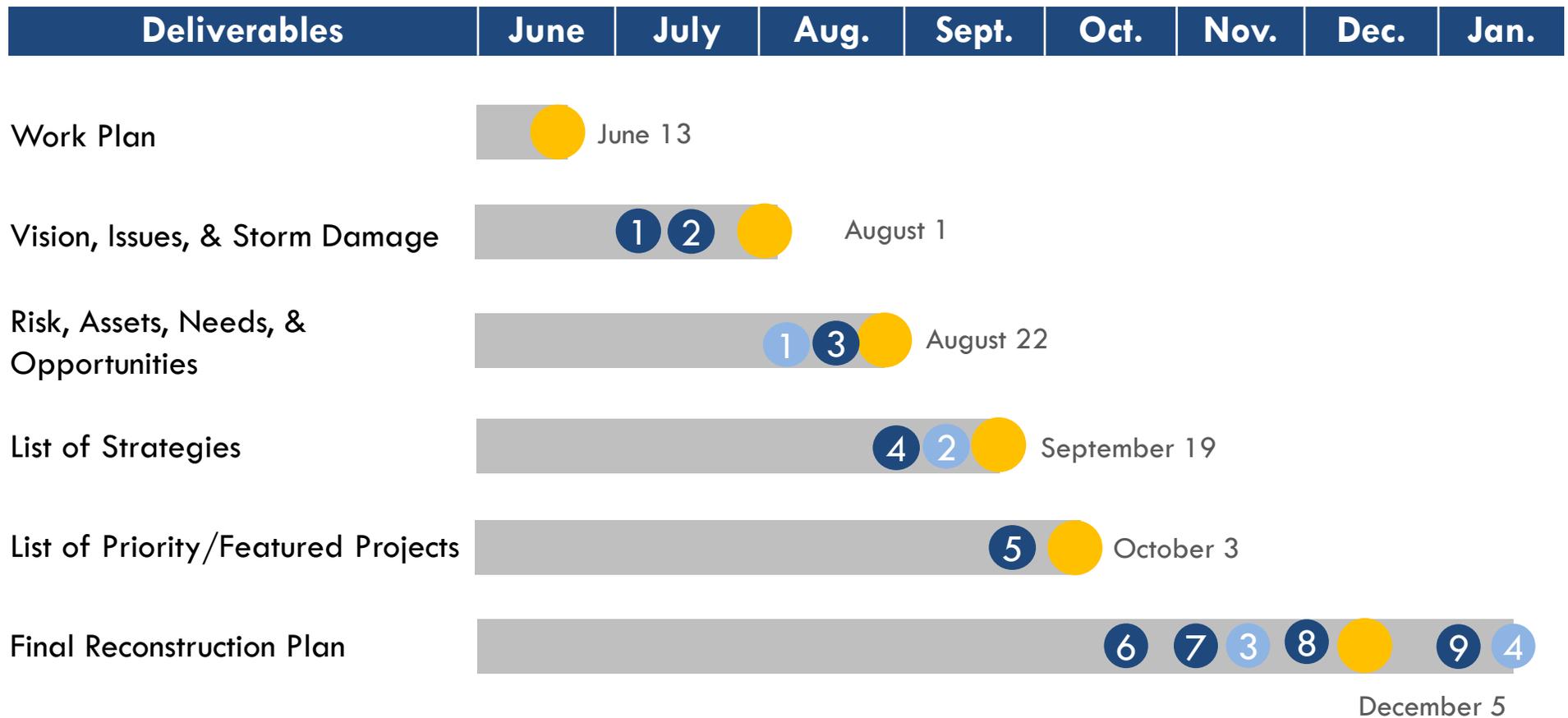
July 22, 2014

Agenda for Planning Committee Meeting #2

1. **Critical issues and visioning** 6:30pm
2. **Community assets** 7:00pm
3. **Public Engagement Meeting #1 approach** 7:30pm
4. **Needs & opportunities** 7:40pm
5. **Next steps** 8:10pm

NY Rising Community Reconstruction Program schedule

- Planning Committee Meeting
- Public Meeting
- Deliverable Due Date



Road Map Through NY Rising Community Reconstruction Plan



PC #1 – What did we accomplish

1. Established Planning Area boundary
2. What happened during Sandy?
3. Began identifying critical Issues

Planning Area



**New York Rising
Community Reconstruction Program
Bronx Planning Area**

Bronx Planning Area



Source: New York State Department of State (DOS) Risk Assessment; New York City Department of City Planning, MAPPluto v13.1; Buildings, Street Centerlines.



What Happened during Sandy Map



New York Rising
Community Reconstruction Program
Bronx Planning Area

Planning Committee Input on Critical Issues

Planning Area



Source: Planning Committee Members.



Deliverable #1

■ First draft section of the Community Reconstruction Plan due, to include:

- Identification of geographic scope
- Description of storm damage
- **Relationship to regional plans**
- **Critical issues**
- **Community vision**

**Goals for this
meeting**

Matrix of Issues and Recovery Support Functions

Critical Issue	Economic Development	Health & Human Services	Housing	Infrastructure	Natural & Cultural Resources
Flooding from storm surge			x	X	
Localized flooding after Sandy and on a regular basis	x		x	X	
Sewer back up	x		x	X	
Power outages	x	x	x	X	
Bridge closures		x		X	
Isolation of senior and vulnerable populations		X	x		
Evacuation center - lack of updated information and handicap accessibility		X			
Lack of community space		X	x		
Damage to natural amenities		x			X
No warning system for when the tide is rising to a dangerous level		x	x	X	
Sewage contamination in water ways around Bronx		x		X	x

Critical issues facing the Community

- 1. Lack of awareness on evacuation centers and availability of handicap accessible spaces**
- 2. Flooding caused by existing infrastructure**
- 3. Lack of community space that can be used during recovery efforts**
- 4. Isolation of vulnerable populations following a storm event.**
- 5. Impacts to businesses? Others?**

Community vision

What would make the East Bronx Waterfront a resilient community? What does the community aim to achieve through the NYRCR Program?

“I envision a resilient East Bronx Waterfront to be...”

Example: “Through the NY Rising Community Reconstruction Program, the Lower Manhattan community aims to improve the capacity and readiness of all community members to prepare for, respond to, and quickly recover from severe weather-related events; to address needs currently unmet by existing rebuilding and resiliency efforts; and to support the vital and diverse character and history of Lower Manhattan.”

List of Plans Relevant to East Bronx

▪ **COMMUNITY PLANS**

- A Traffic Management Plan, Bronx Community Board 10
- Statements Of Community District Needs, Community Board 10 (FY 2015)

▪ **CITY GOVERNMENT**

- Resilient Neighborhoods Study Area, NYC Department of City Planning
- Hutchinson River Parkway Study, NYC Department Of City Planning
- Sustainable Communities Bronx Metro-north Study, NYC Department Of City Planning
- NYC Waterfront Vision And Enhancement Strategy, NYC Department Of City Planning
- Green Infrastructure Annual Report And Plans, NYC DEP
- A Stronger, More Resilient New York, Special Initiative For Rebuilding And Resiliency
- PlaNYC Progress Report 2014, Mayor's Office Of Long Term Planning And Sustainability
- Transportation Planning And Improvements, NYC Department Of Transportation
- Citywide Ferry Study, NYC Economic Development Corporation
- Rebuilding NYC After Hurricane Sandy, NYC Department of Buildings
- NYC Recovery Reports And Initiatives, NYC Mayor's Office of Recovery

List of Plans Relevant to East Bronx Cont.

▪ **CITY GOVERNMENT CONT.**

- Business Resiliency Investment Program (BRIP), NYC Economic Development Corporation
- Department Of Design And Construction Projects, NYC Department of Design and Construction

▪ **FEDERAL GOVERNMENT**

- North Atlantic Coast Comprehensive Study, United States Army Corp of Engineers
- Hudson-Raritan Estuary (HRE) Comprehensive Restoration Plan (CRP), United States Army Corp of Engineers, NYC Department of Environmental Protection
- Preliminary Base Flood Elevation Maps (PBFEE) And Preliminary Flood Insurance Rate Maps (PFIRMS), Federal Emergency Management Agency

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The asset inventory will enable us to address needs and opportunities.

What do we
need to protect?

Key community assets that have been damaged from past storms or are at risk of damage from future storms.

What do we
have that makes
us more resilient?

Key community assets that are critical in preparedness, response, or recovery from future storms.

It is most valuable to map assets that meet these two categories.

What do we
need to protect?

Key assets in high or extreme risk zones

What do we
have that makes
us more resilient?

Emergency response, health, social service, and critical infrastructure assets throughout the Planning Area

Asset categories tie into the recovery functions to ensure linkage to projects.

Recovery Functions

**Economic
Development**



**Key economic
corridors**

**Health and
Social Services**



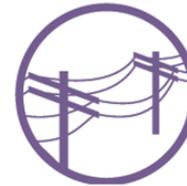
**Hospitals,
FDNY/NYPD**

Housing



**Residential
neighborhoods,
affordable
housing**

Infrastructure



**Transportation,
telecommunications**

**Natural & Cultural
Resources**



**Parks, waterways,
natural habitats**

Asset Categories

NYS Department Of State (NYS DOS) DOS Risk Areas



New York Rising
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Bronx Planning Area

--- Planning Area

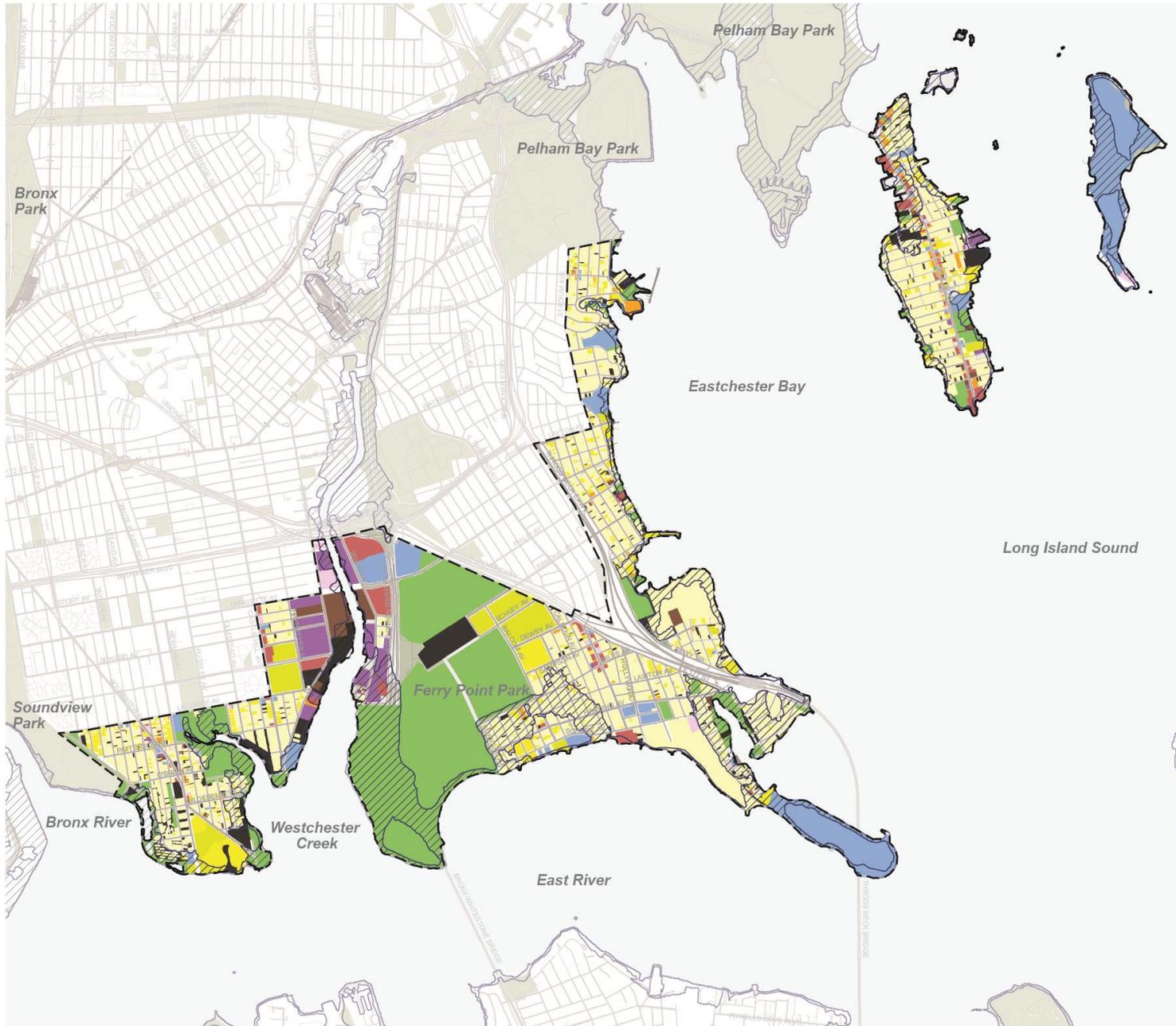
NYS DOS Risk Areas

Zone

- Extreme
- High
- Moderate



Land use throughout the Planning Area



**New York Rising
Community Reconstruction Program
Bronx Planning Area**

Land Use

- Planning Area
- Extent of High & Extreme Risk Zones

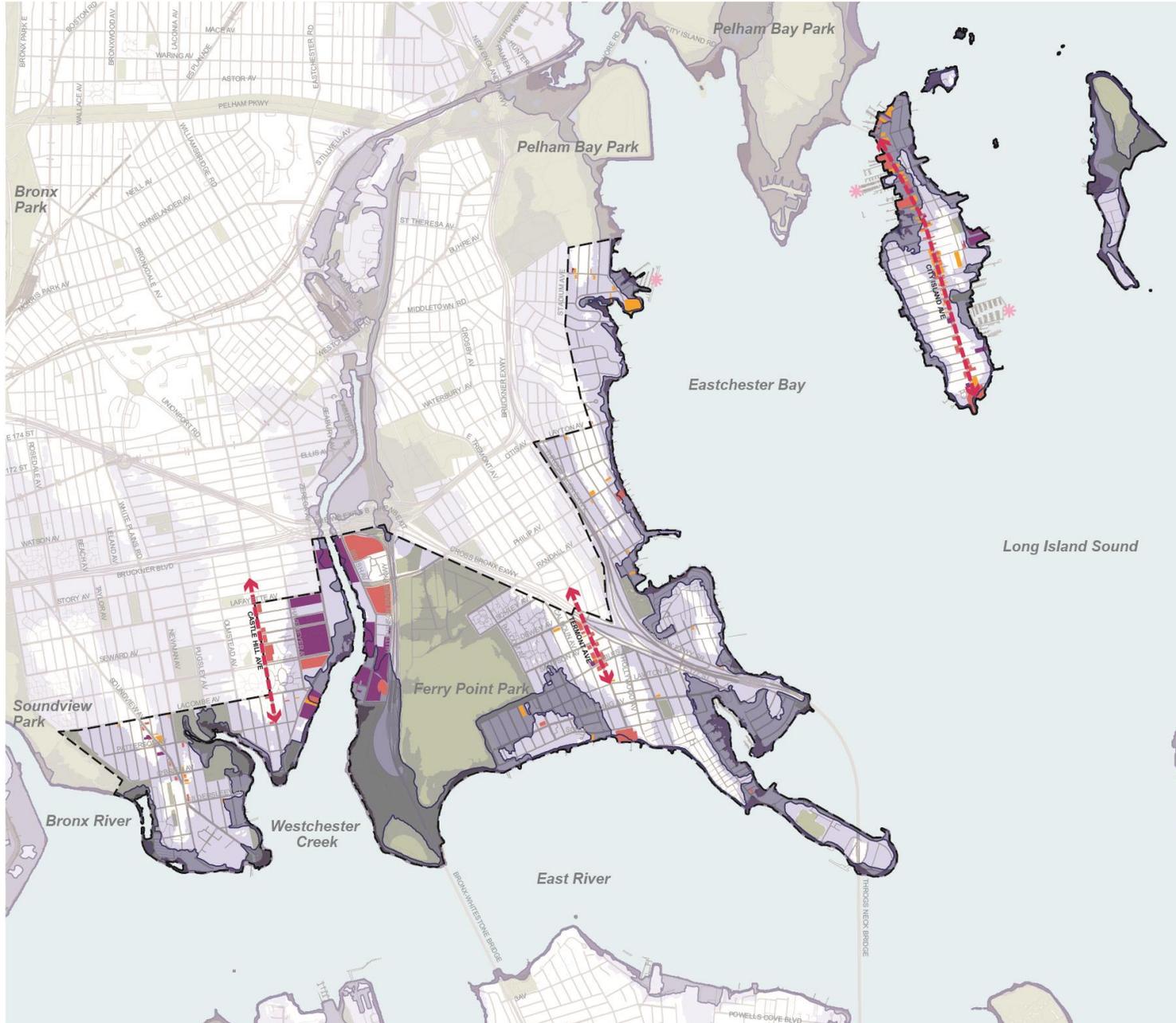
Land Use Type

- One & Two Family Buildings
- Multi-Family Walkup Buildings
- Multi-Family Elevator Buildings
- Mixed Commercial/Residential Buildings
- Commercial/Office Building
- Industrial/Manufacturing
- Transportation/Utility
- Public Facilities & Institutions
- Open Space
- Parking Facilities
- Vacant Land

Source: New York State Department of State (DOS) Risk Assessment; New York City Department of City Planning, MAPPluto v13.1; Buildings, Street Centerlines.



Economic assets and commercial clusters throughout the Planning Area



New York Rising
Community Reconstruction Program
Bronx Planning Area

Potential Economic Assets

Planning Area
 Extent of High & Extreme Risk Zones

NYS DOS Risk Areas

Extreme
 High
 Moderate

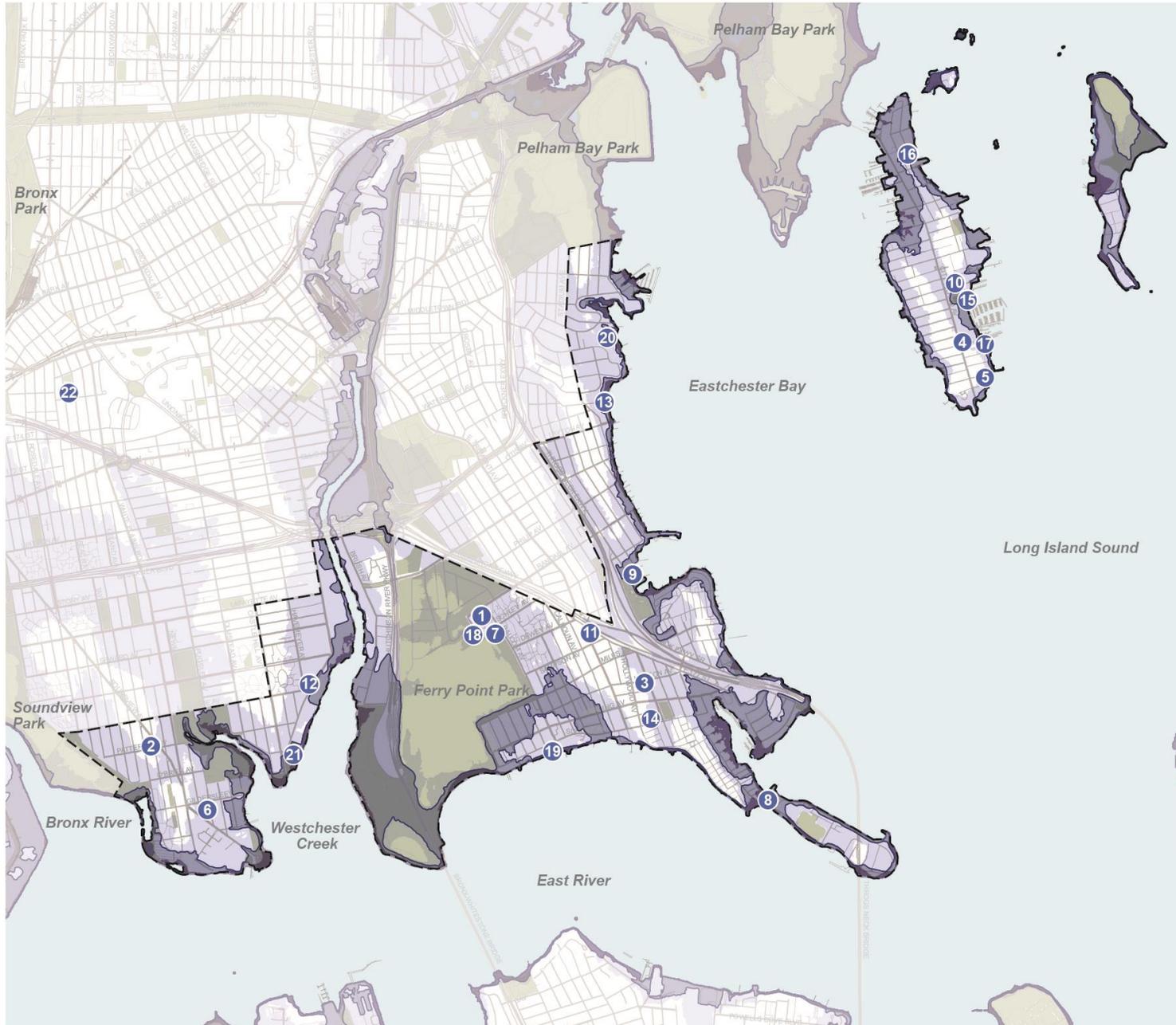
Economic Typologies

- ↔ Commercial Corridors
- ✱ Commercial Marinas
- Mixed Commercial/Residential Building
- Commercial/Office Building
- Industrial/Manufacturing

Source: New York State Department of State (DOS) Risk Assessment; New York City Department of City Planning, MAPPluto v13.1; Buildings, Street Centerlines; New York City Department of City Planning Facilities.



Health & Human Services assets throughout the Planning Area



New York Rising Community Reconstruction Program Bronx Planning Area

Potential Health and Social Services Assets

Planning Area
 Extent of High & Extreme Risk Zones

NYS DOS Risk Areas

Extreme
 High
 Moderate

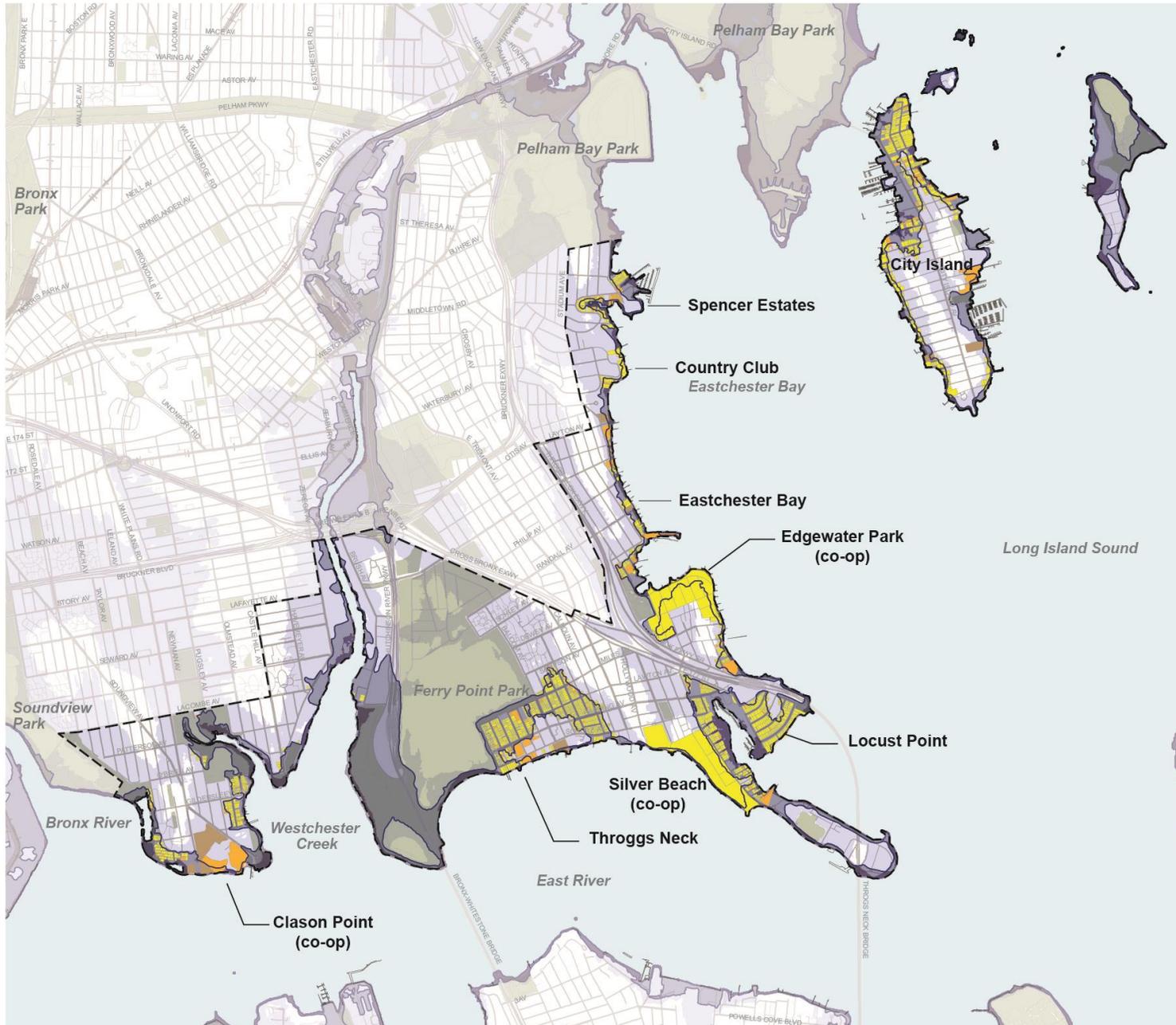
Assets

- # Health and Social Services Assets
- 1 Bronx Friendship House
- 2 Center For Family Support, Inc. (THE)
- 3 Institute Of Applied Human Dynamics
- 4 Aabr, Inc. Senior Residential
- 5 Aabr, Inc. Senior Residential
- 6 New York Foundling Hospital
- 7 Jewish Association For Services For The Aged, Inc.
- 8 Maritime College At Fort Schuyler (SUNY)
- 9 Lil' Angels Childcare, Inc.
- 10 Firehouse, Eng 70, Lad 53
- 11 Firehouse, Eng 72
- 12 EMS Station 3
- 13 Providence Rest, Inc.
- 14 Jeanne Jugan Residence
- 15 PS 175 City Island
- 16 Saint Mary Star Of The Sea School
- 17 City Island Senior Center
- 18 Jasa Throgs Neck Senior Center
- 19 Lamp Catholic Ministries
- 20 Villa Maria Academy Private Elementary School
- 21 Young Man's Christian Union
- 22 PS 102, Hurricane Evacuation Center

Source: New York State Department of State (DOS) Risk Assessment; New York City Department of City Planning, MAPPluto v13.1; Buildings, Street Centerlines; New York City Department of City Planning Facilities.



Housing assets in high and extreme risk areas



New York Rising Community Reconstruction Program Bronx Planning Area

Potential Housing Assets

Planning Area
 Extent of High & Extreme Risk Zones

NYS DOS Risk Areas

Extreme
 High
 Moderate

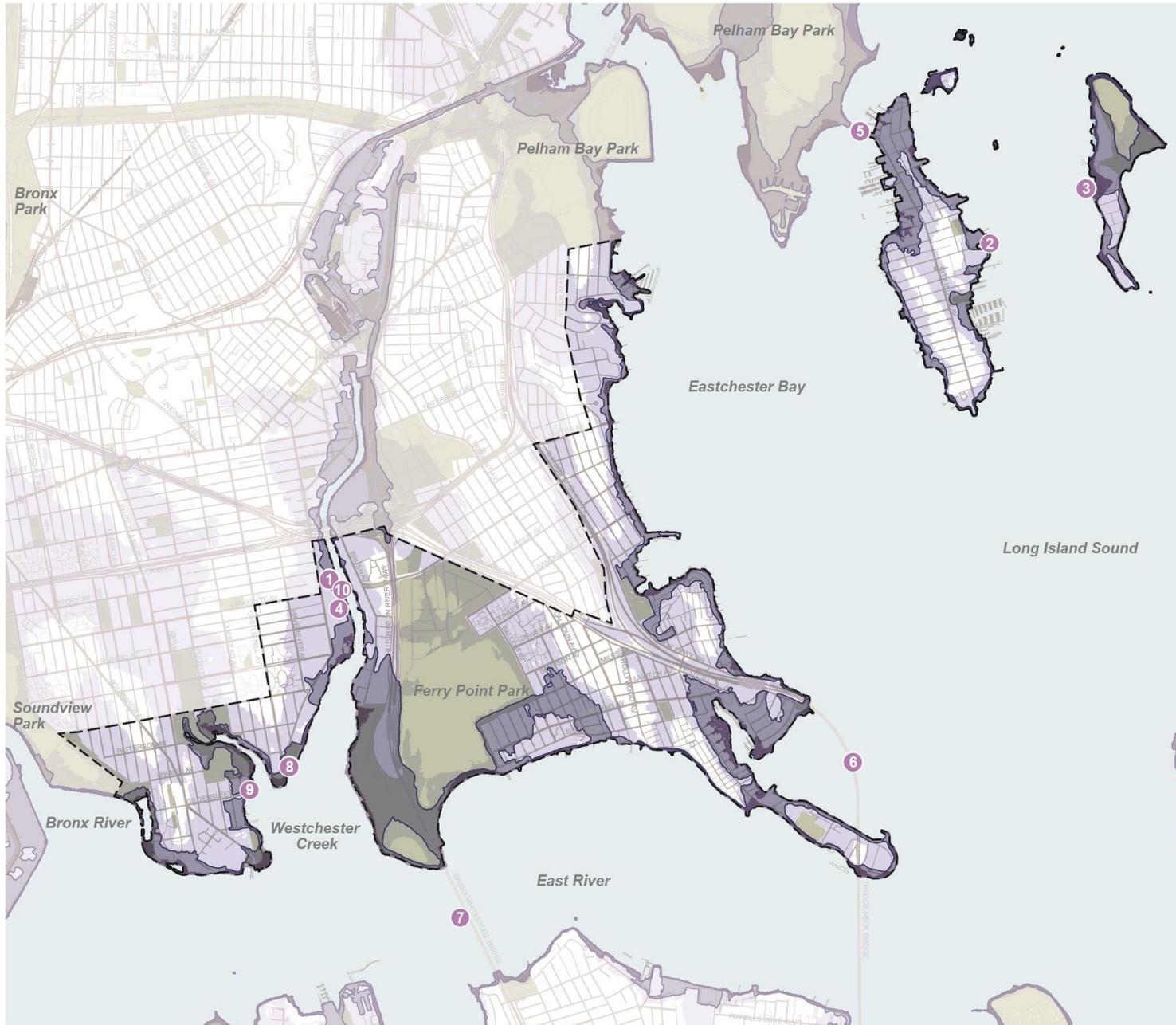
Residential Typologies Within Extreme & High Risk Zones

One and Two Family Residents
 Multi-Family Walk-Up Buildings
 Multi-Family Elevator Buildings

Source: New York State Department of State (DOS) Risk Assessment; New York City Department of City Planning, MAPPluto v13.1; Buildings, Street Centerlines; New York City Department of City Planning Facilities.



Infrastructure assets throughout the Planning Area



New York Rising Community Reconstruction Program Bronx Planning Area

Potential Infrastructure Assets

Planning Area
 Extent of High & Extreme Risk Zones

NYS DOS Risk Areas

Extreme
 High
 Moderate

Assets

Infrastructure Assets

- 1 Department Of Sanitation
- 2 City Island Ferry Dock
- 3 Hart Island Ferry Dock
- 4 Mta Zerega Maintenance & Training Facility
- 5 City Island Road Bridge
- 6 Throgs Neck Bridge
- 7 Bronx-Whitestone Bridge
- 8 Zerga Ave Pumping Station
- 9 Gildersleeve Ave Pumping Station
- 10 Trogs Neck Pumping Station

Source: New York State Department of State (DOS) Risk Assessment; New York City Department of City Planning, MAPPluto v13.1; Buildings, Street Centerlines; New York City Department of City Planning Facilities.



Transportation assets throughout the Planning Area



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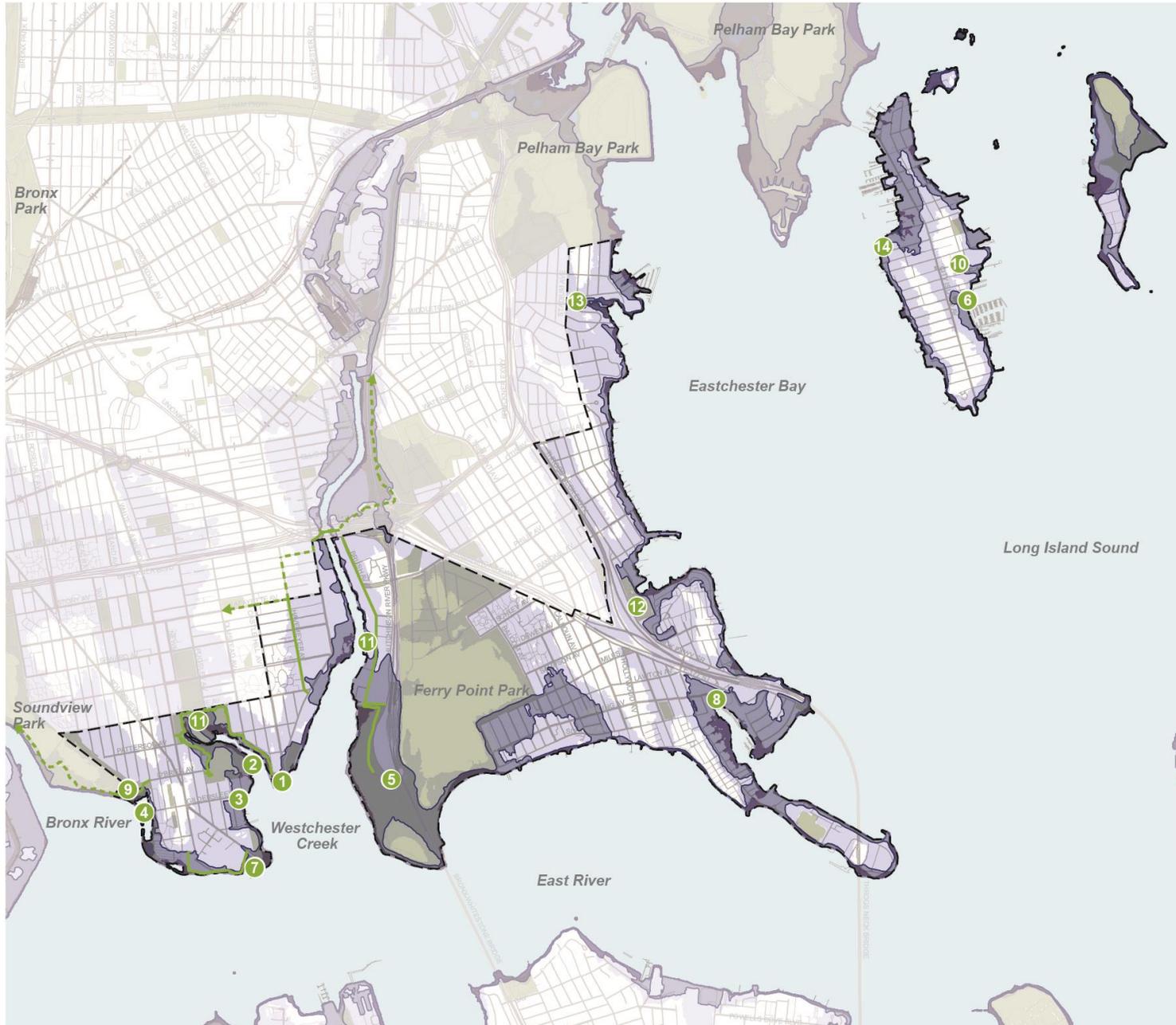
Transportation

- Planning Area
- Extent of High & Extreme Risk Zones
- NYS DOS Risk Areas**
- Extreme
- High
- Moderate
- Buses Go Into Planning Area**
- Express Bus Route (BXM7, BXM9)
- Local Bus Route (BX5, BX8, BX22, BX24, BX27, BX29, BX39, BX40, BX42, Q44, Q50)
- Bus Stop
- Ferry Line
- On-Street Bike Lane
- Off-Street Bike Lane

Source: New York State Department of State (DOS) Risk Assessment; New York City Department of City Planning, MAPPluto v13.1; Buildings, Street Centerlines.



Natural and Cultural Resource assets in high and extreme risk areas



New York Rising
Community Reconstruction Program
Bronx Planning Area

Natural and Cultural Assets

--- Planning Area □ Extent of High & Extreme Risk Zones

NYS DOS Risk Areas

■ Extreme ■ High ■ Moderate

Assets

① Natural and Cultural Assets

- 1 Castle Hill Park
- 2 Pugsley Creek Park
- 3 Waterfront Garden
- 4 Soundview Park
- 5 Ferry Point Park
- 6 Ambrosini Field
- 7 Kane's Park
- 8 Hammonds Cove Marina
- 9 Bronx River Trail 2
- 10 City Island Nautical Museum
- 11 Greenways/Bike Trails
- 12 Bicentennial Veteran Memorial Park
- 13 Palmer Inlet
- 14 City Island Wetlands

Source: New York State Department of State (DOS) Risk Assessment; New York City Department of City Planning, MAPPluto v13.1; Buildings, Street Centerlines; New York City Department of City Planning Facilities.



Other considerations

Are there assets associated with socially vulnerable populations?

- Examples may include: senior housing, centers for disabled populations, and healthcare facilities

Are there important assets that are “off the map?”

- Examples may include: substations

Are there important assets that aren't on any map?

- Examples may include: community networks and organizations



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5. Next steps 8:10pm

EBW Public Engagement Meeting #1 (Monday, August 4th, 2014)

Public engagement approach

- Welcoming presentation from Planning Team, with opportunities for Committee to speak
- Stations with boards to capture public feedback, hosted by Committee with assistance from Planning Team
- Other government agencies and representatives (e.g., from FEMA or Build it Back) can be invited as an additional resource



EBW Public Engagement Meeting #1 (Monday, August 4th, 2014)

Information to capture:

- Community vision
- Asset verification and identification
- Needs and opportunities
- Experience during and post-Sandy



Outreach:

- Flyers
- Local media (e.g., Bronx Times)
- Social media (e.g., Facebook)
- E-mail blasts



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Needs & Opportunities

Develop resiliency strategies for Jamaica Bay



The fate of Broad Channel is inextricably linked to the larger regional strategy for protection of Jamaica Bay. The large number of projects and plans for Jamaica Bay has been well documented. Discussions continue on next steps in terms of covering ecological strategies into resiliency strategies.

Opportunities:

- Wetland restoration could provide a measure of protection for Broad Channel
- Opportunities for increasing coastal protection through natural systems would provide significant co-benefits to Broad Channel and Jamaica Bay.
- Extending wetlands and building out along the natural shoreline could be elements of a Jamaica Bay strategy that includes local Broad Channel benefits.

Retain and enhance the unique relationship with nature



Broad Channel is characterized by a unique connection to nature. Broad Channel was largely settled in the early to mid-1900s with houses set up against wetlands and out over the water. The Community is concerned about the loss of wetlands, which would further erode protection of yards and homes in Broad Channel. Recognizing that much of the edge is soft and that grey (hard) protection measures would be in conflict with the current natural edge, the Community is looking to nature-based protection strategies that will preserve wetlands and habitat and add to the natural setting that makes Broad Channel unique.

Opportunities:

- Significant portions of the edge comprise wetlands and natural features.
- Piloting nature-based protection that could be replicated in Jamaica Bay and throughout the region.
- The wildlife refuge and other natural features around the island could also factor into restoration efforts.

Matrix of Issues and Recovery Support Functions

Critical Issue	Economic Development	Health & Human Services	Housing	Infrastructure	Natural & Cultural Resources
Flooding from storm surge			x	X	
Localized flooding after Sandy and on a regular basis	x		x	X	
Sewer back up	x		x	X	
Power outages	x	x	x	X	
Bridge closures		x		X	
Isolation of senior and vulnerable populations		X	x		
Evacuation center - lack of updated information and handicap accessibility		X			
Lack of community space		X	x		
Damage to natural amenities		x			X
No warning system for when the tide is rising to a dangerous level		x	x	X	
Sewage contamination in water ways around Bronx		x		X	x

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Next steps

- Public Engagement Meeting #1 (8/4)
 - Distribute flyers and posters throughout EBW; place ads
 - Schedule PC review of boards for week of 7/28

- Planning Committee Meeting #3 (8/12), which will gather input for the 2nd draft section of the Community Reconstruction Plan, to include:
 - Description of assets
 - Risk assessment
 - Needs and opportunities assessment

- PC # 4 and PM # 2 – dates?