



The Five Towns

Public Engagement Meeting #3

February 6, 2013

Introductions

5 Towns Planning Committee

Chair

Bob Block
Pete Sobol

Committee Members

Ross Epstein, David Henschel, Mordecai
Kamenetzky, Diane Kirchner, Reuben Maron,
Felipe Plaza, Jonathan Polakoff, Ruth Samuelson,
Linda Santisteban, Steve A. Schneider, Stu
Troyetsky, Patty Vacchio

NY Rising Community Reconstruction Program

Director: Jamie Rubin

Nassau County Lead: Laura Munafo

Regional Planners: Ian Francis

David Ashton

Planning Team

Perkins Eastman: Ayo Yusuf

BFJ Planning: Frank Fish
Simon Kates

Louis Berger Group: Niek Veraart
Jennifer Gonzalez

Howard/Stein-Hudson : **Arnie Block** -- Urbanomics -- dLand Studios -- PACO Group: **Carlos Sanchez** -- Marsh Risk
Consulting -- Amman & Whitney -- VJ Associates -- Tidal Basin

The NYRCR Reconstruction Program:

Tonight's Agenda

- 7:00-7:15 Welcome, Sign-in, and Introductions
- 7:15-7:45 Overview of the New York Rising Program
Where we are in the process
Reconstruction Strategies and Potential Projects
- Review Regional and Shared Priority Projects
 - Review Priority Project lists for each community
- 7:45-9:00 Open House
- Opportunity to review the projects

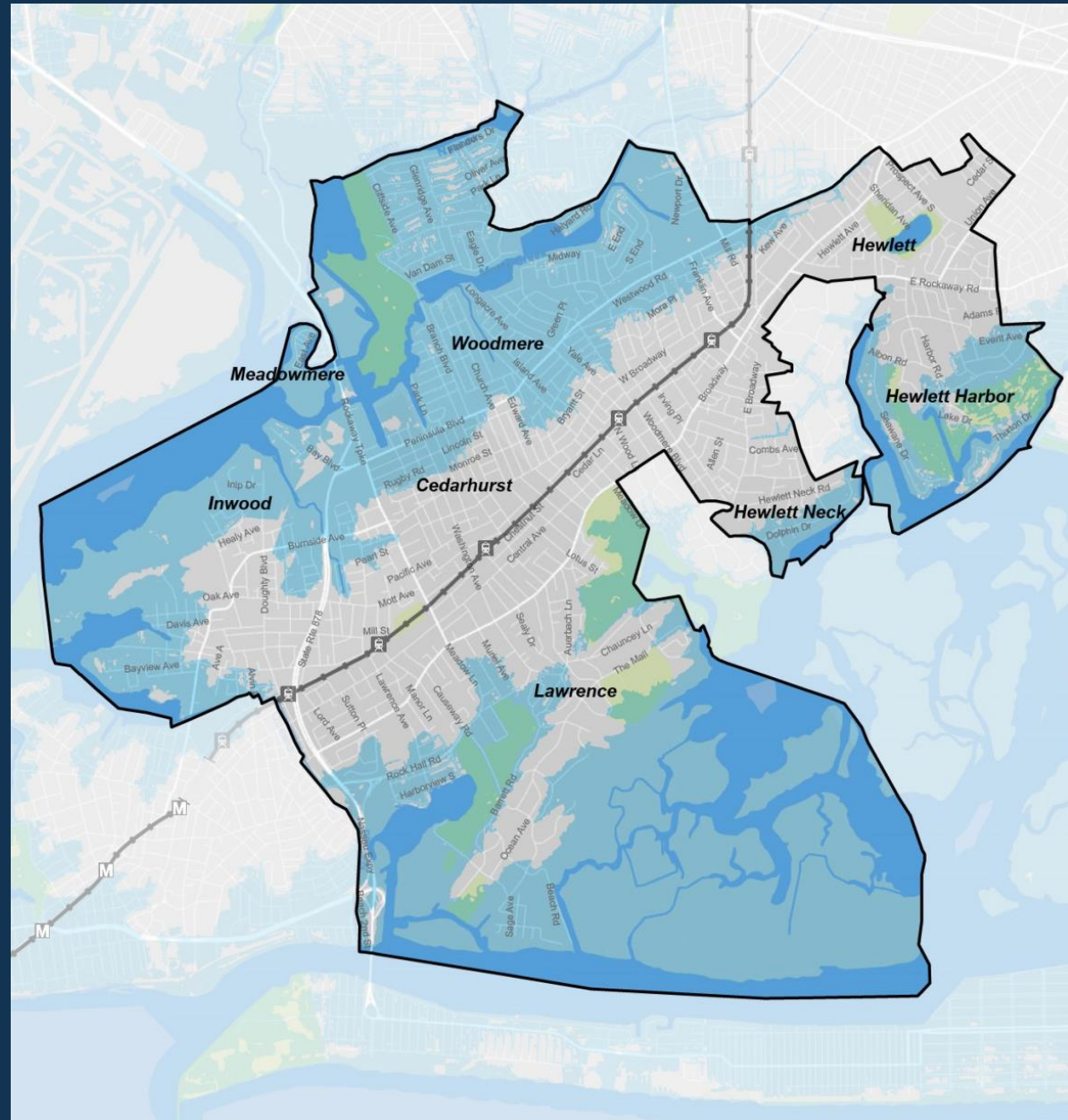
Open House

Five Stations separated into groups of communities:

1. Unincorporated Town of Hempstead (Inwood, Woodmere, Hewlett)
2. Unincorporated Town of Hempstead (Meadowmere Park)
3. Villages of Lawrence and Cedarhurst
4. Villages of Hewlett Harbor and Hewlett Neck
5. Regional Projects

Key Goals of the Plan:

- Increase resilience of the communities' *key assets*
- Address *short, medium and longterm 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



The Project: *Three types*

Implementation:

'Shovel ready' projects that The Five Towns could implement in the **Short Term**.

Feasibility Study or Action Plan:

The Five Towns should make plans for these projects **NOW** so that they can get money to build it in **Medium-Long Term**.

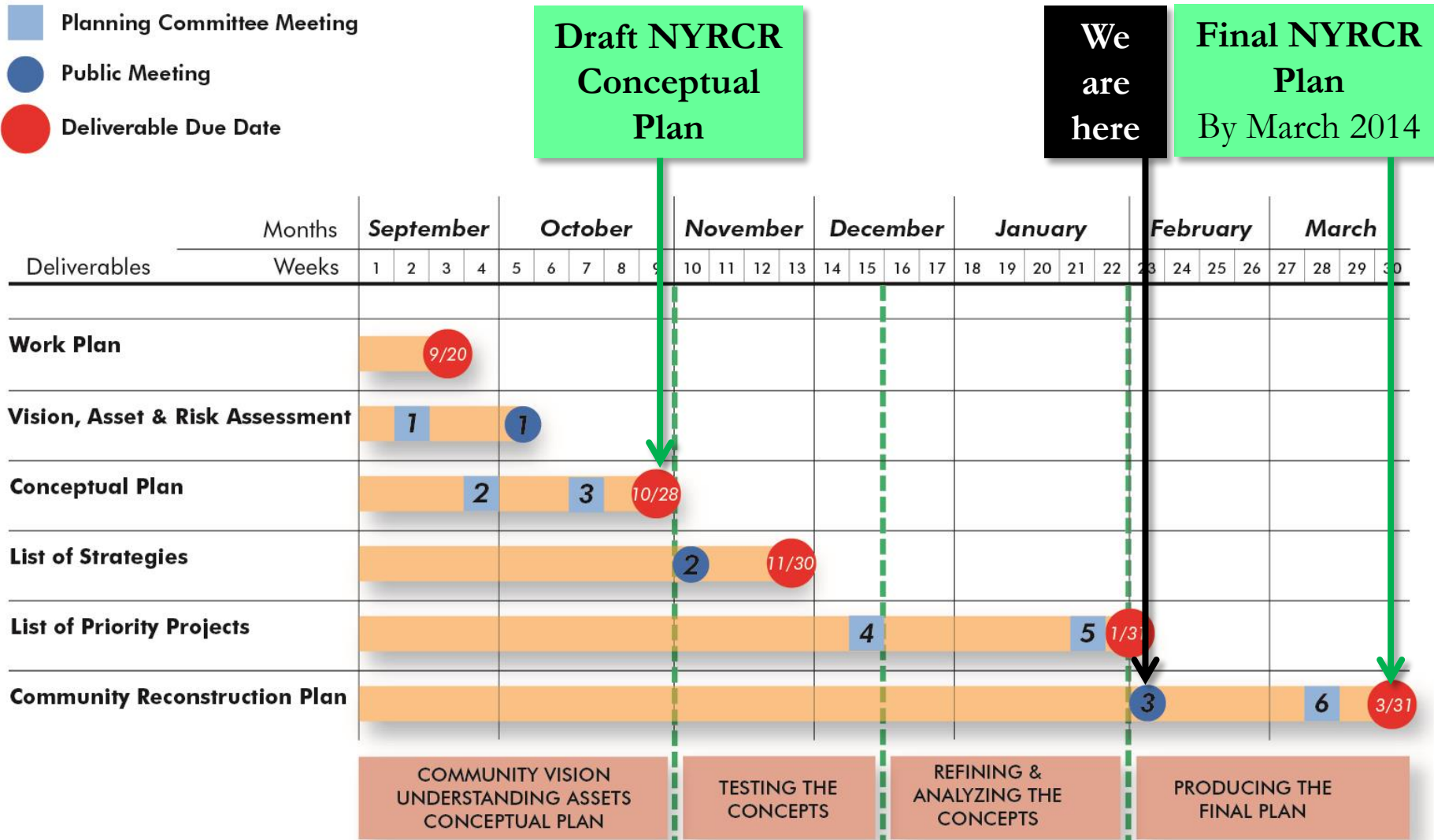
Advocacy:

Projects that The Five Towns should lay the ground work for **NOW** so that others will implement it **Medium - Long-Term**.

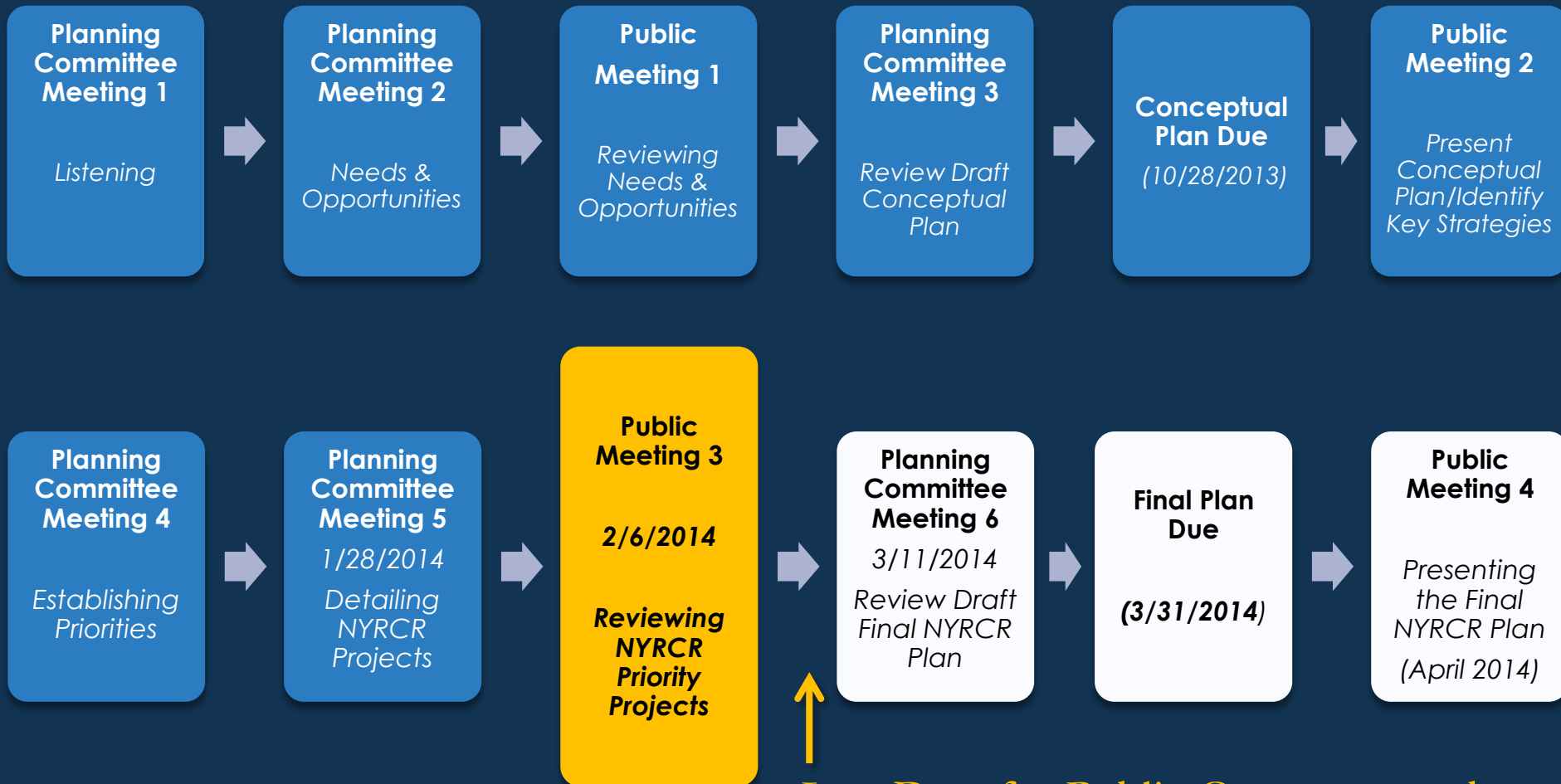
Where we are in the process

NY Rising Community Reconstruction Program Schedule 30 week Schedule

- Planning Committee Meeting
- Public Meeting
- Deliverable Due Date



Where we are in the process

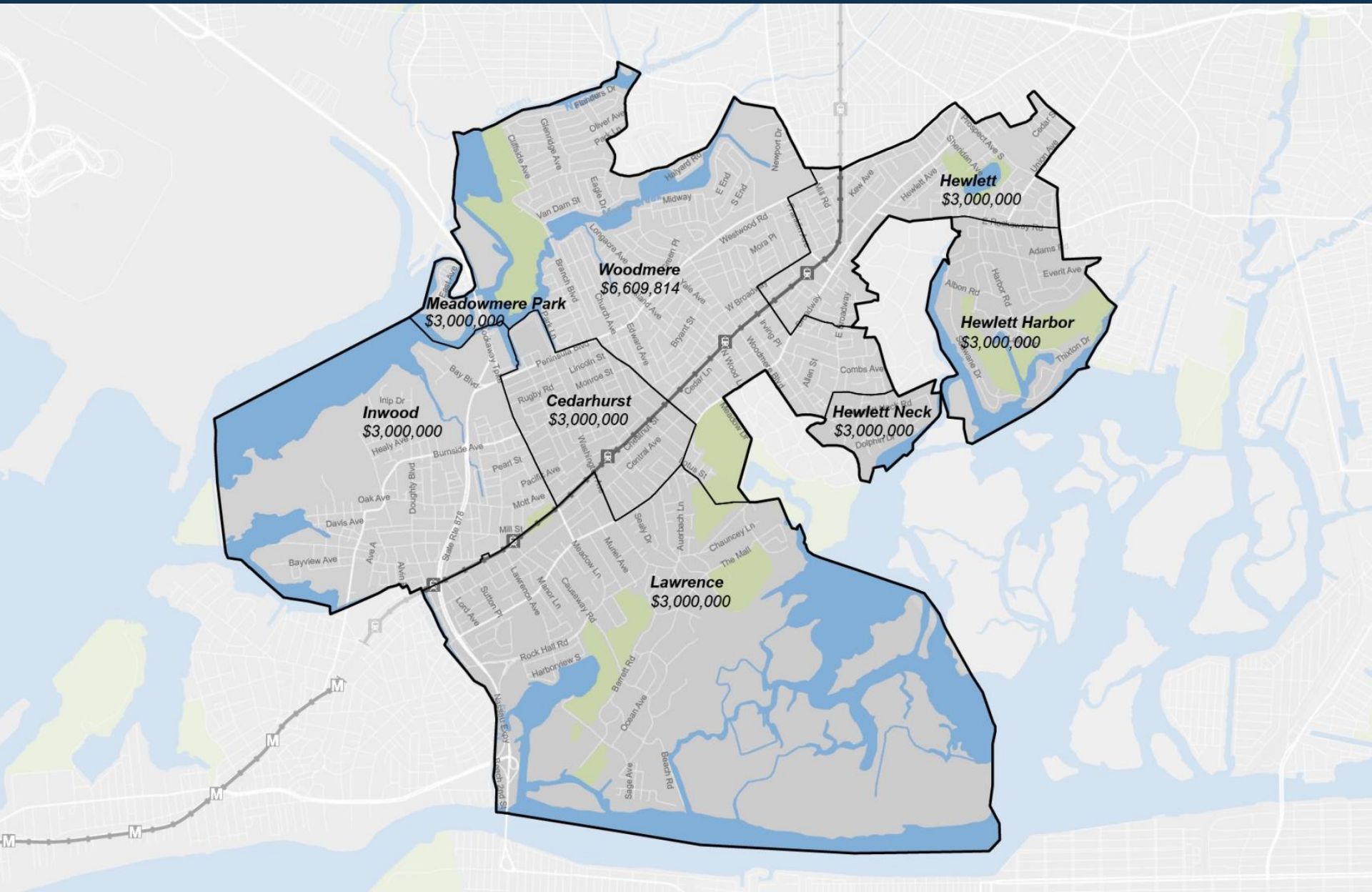


Last Date for Public Comments to be included in the draft to NY State:
February 17

Key Dates

- *2/17* – Last chance to submit comments for inclusion in the draft NYRCR Plan
- *February 2014* – NY Rising Policy Team reviews Priority Projects for eligibility
- *February – March 2014* – Planning Committee and Consultant Team revise Priority Projects based on State comments, as needed
- *3/11* – 6th Planning Committee Meeting – Review Draft Plan
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Five Towns NYRCR Funding Allocation



Key Themes to Increase Resilience

Theme 1: Increase the resilience to extreme weather in high risk coastal areas by addressing coastal protections and stormwater infrastructure.

- Examples: Hempstead Bay Shoreline Improvement Program; Stormwater Infrastructure Upgrades

Theme 2: Increase the emergency response capacity of facilities on high ground by creating microgrids and strengthening social service organizations.

- Examples: Renewable Energy Feasibility Study and Action Plan; Five Towns Community Center Disaster Response Plan

Theme 3: Improve access to evacuation routes from high risk areas by creating a resilient corridor along Rockaway Turnpike and Nassau Expressway.

- Examples: Rockaway Turnpike / Nassau Expressway Resiliency Corridor

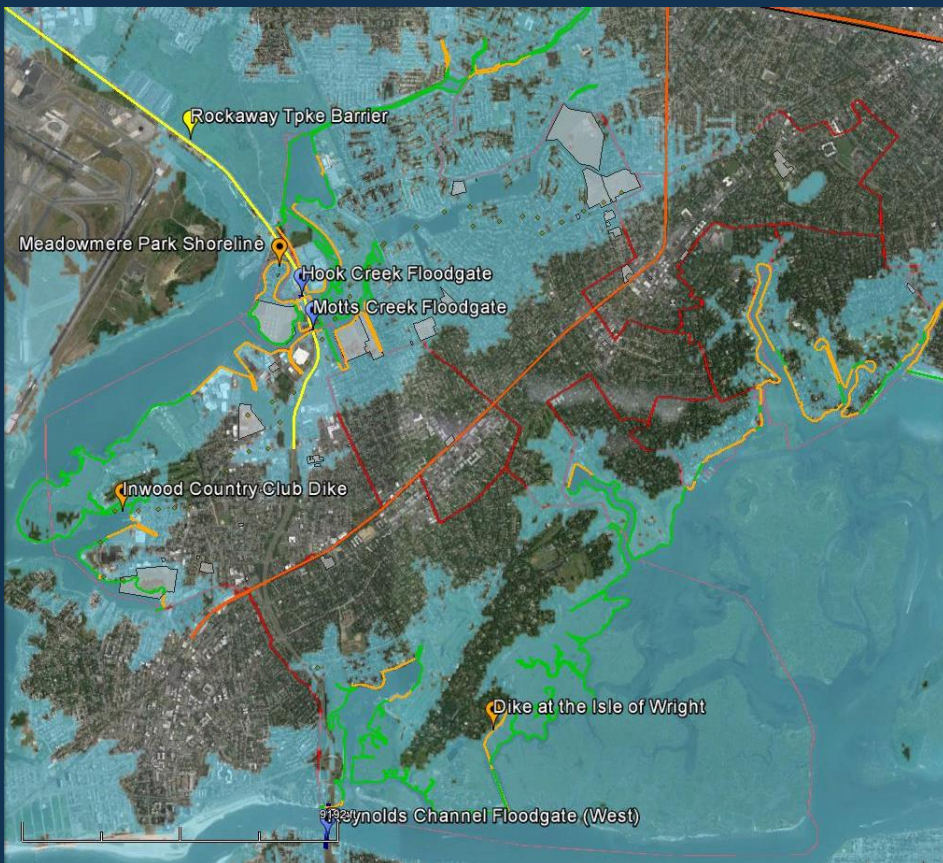
Key Themes to Increase Resilience



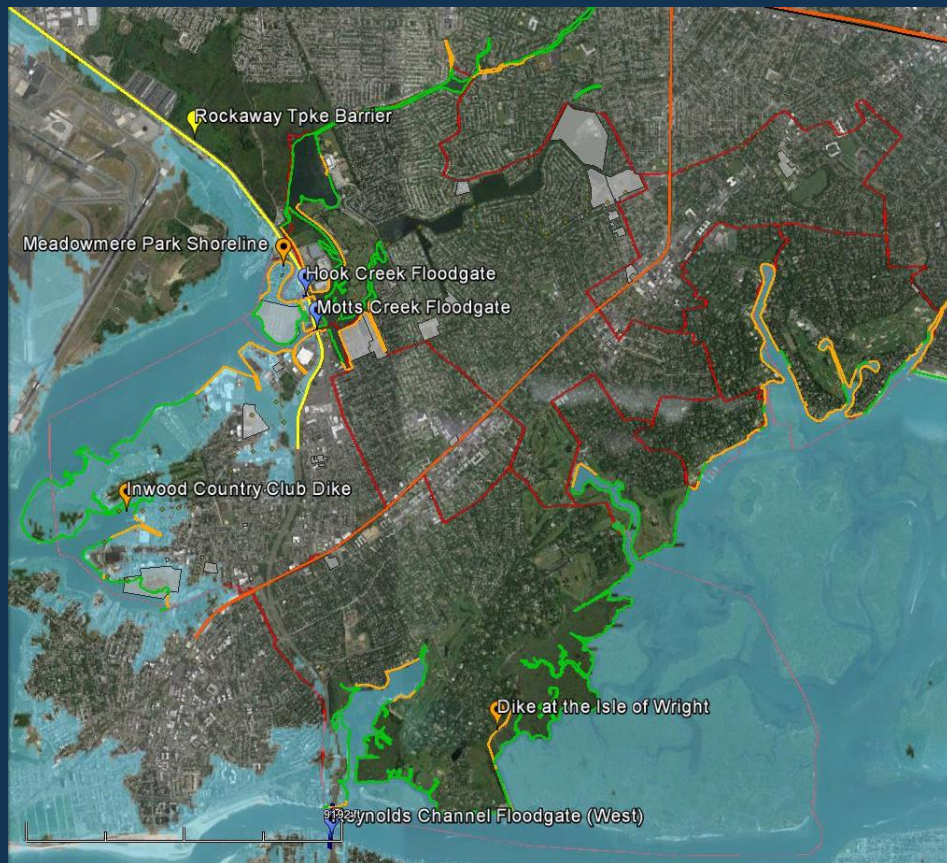
Five Towns Tidal Flood Simulation - Water Level: 9ft



With Shoreline Improvement Program
and without floodgates



With Shoreline Improvement Program
and with floodgates



0.5 mi 1.0 mi

LEGEND

- | | | | |
|---------------------------|-------------------|-----------------|------------------------|
| Proposed Living Shoreline | Floodgates | Flooding | Sunrise Highway |
| Proposed Bulkhead/Dyke | Community Borders | Critical Assets | Proposed Bulkhead/Dyke |



Regional and Shared Projects

Project Name	Project Cost
Town of Hempstead Shoreline Improvement Program	\$400,000
Five Towns Community Center: Disaster Response Plan	\$300,000
Lawrence High School Hardening and Protection	\$1,800,000
Study Rockaway Turnpike Floodgates and Rockaway Turnpike/Nassau Expressway Upgrades	\$920,000
Microgrid Feasibility Study	\$167,000
Total Regional Contribution	\$3,587,000

Regional and Shared Projects

Regional Contribution per Five Towns Community

Cedarhurst, Hewlett, Inwood, Lawrence, Meadowmere Park	\$375,000
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Hewlett Harbor, Hewlett Neck	\$300,000
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Woodmere	\$700,000
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Lawrence School District	\$400,000
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Total Regional Contribution	\$3,575,000
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Regional and Shared Projects

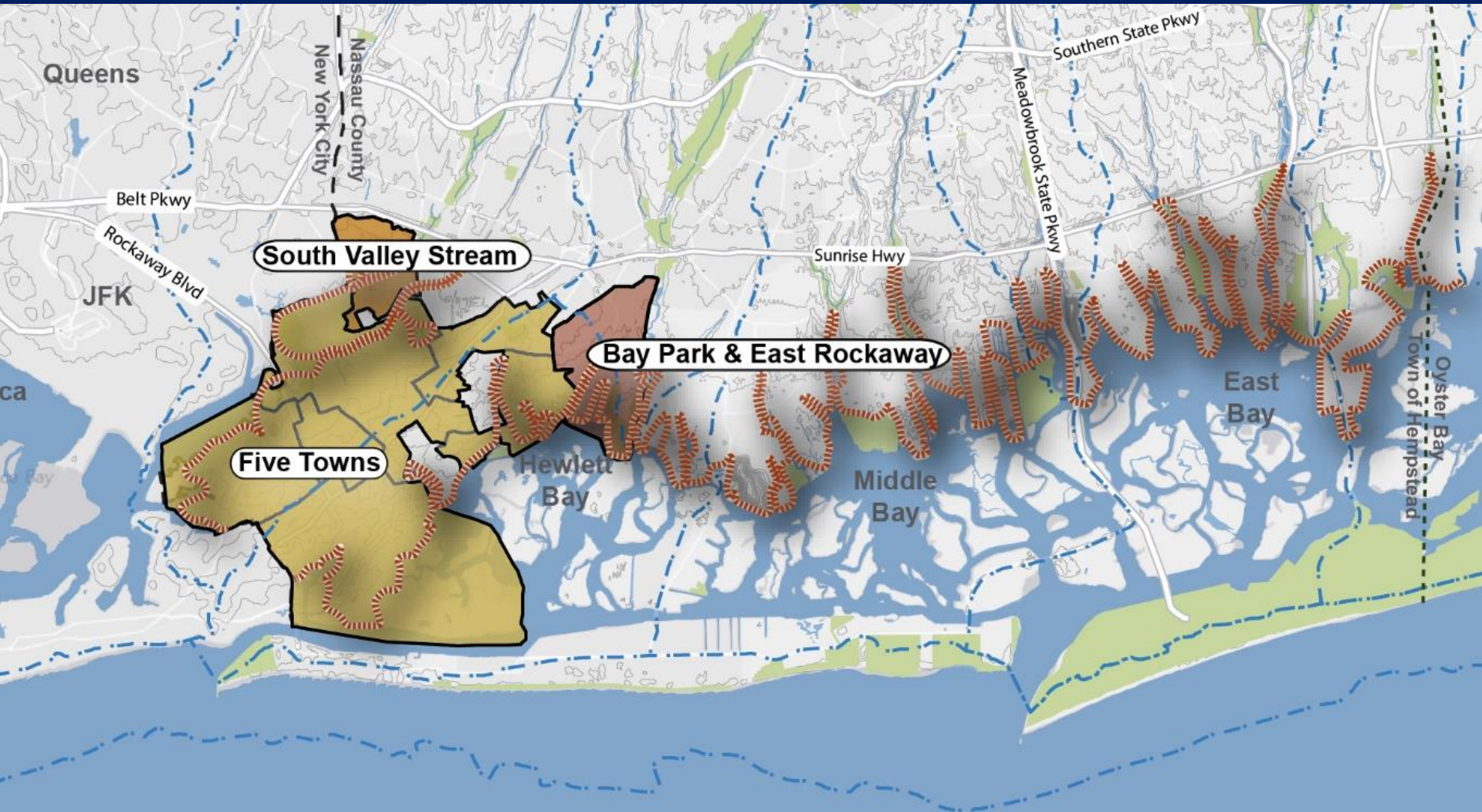
Regional Project

- Would benefit communities within the Five Towns as well as other NYRCR Planning Areas.
- Coordination with other Planning Areas to contribute a portion of their CDBG-DR allocation.

Five Towns Shared Projects

- Projects that have emerged as high priorities for the Five Towns and that would benefit multiple communities, but that would not fit into any one community's funding allocation.

Town of Hempstead Shoreline Improvement Program - \$400,000

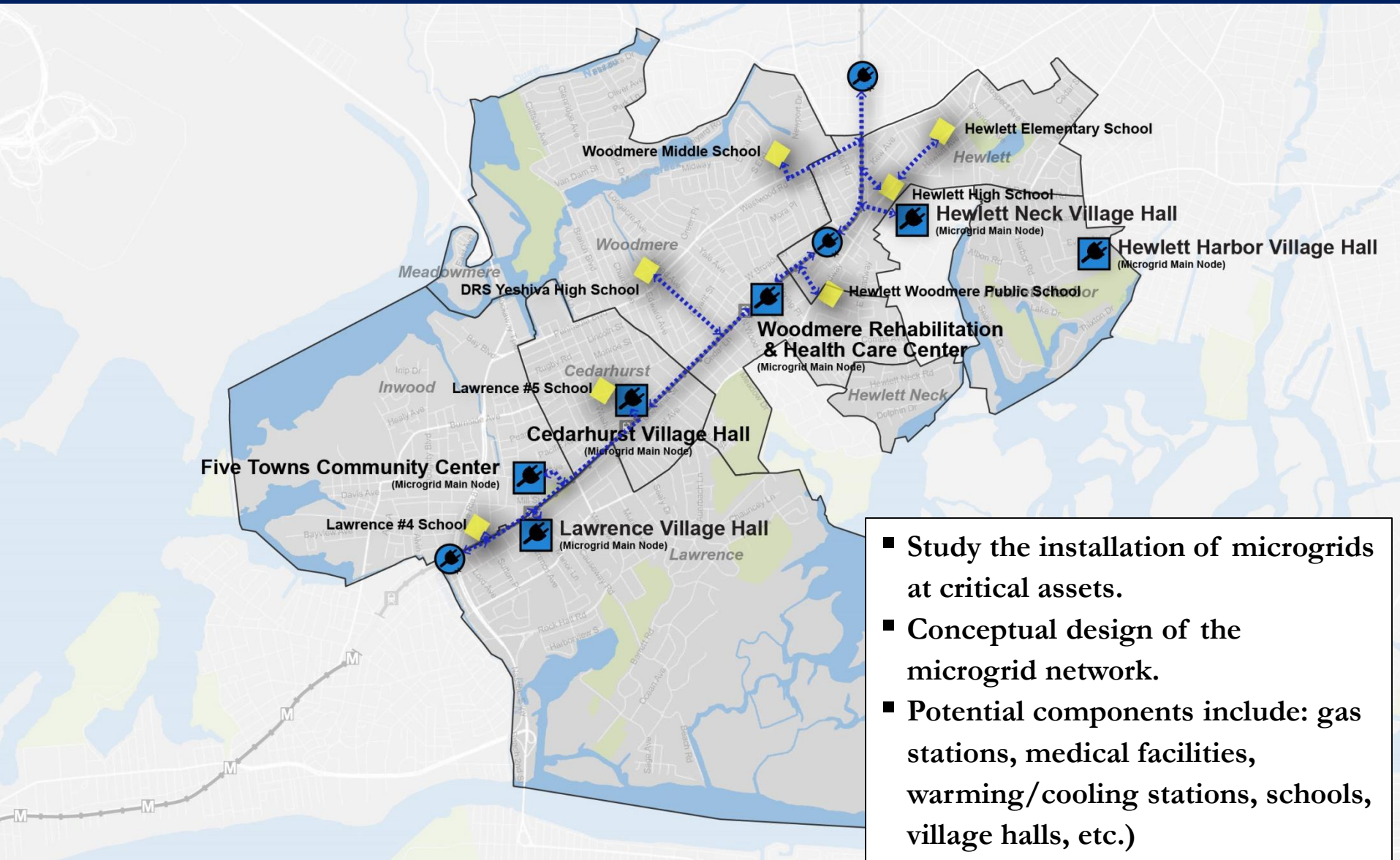


- Program to incentivize bulkhead repairs and elevation along private property.
- Funds would be used to establish a new 'Flood Protection Benefit District.'

Legend




- Watershed Boundary
- Shoreline Improvement Boundary

Microgrid Feasibility Study and Action Plan - \$167,000



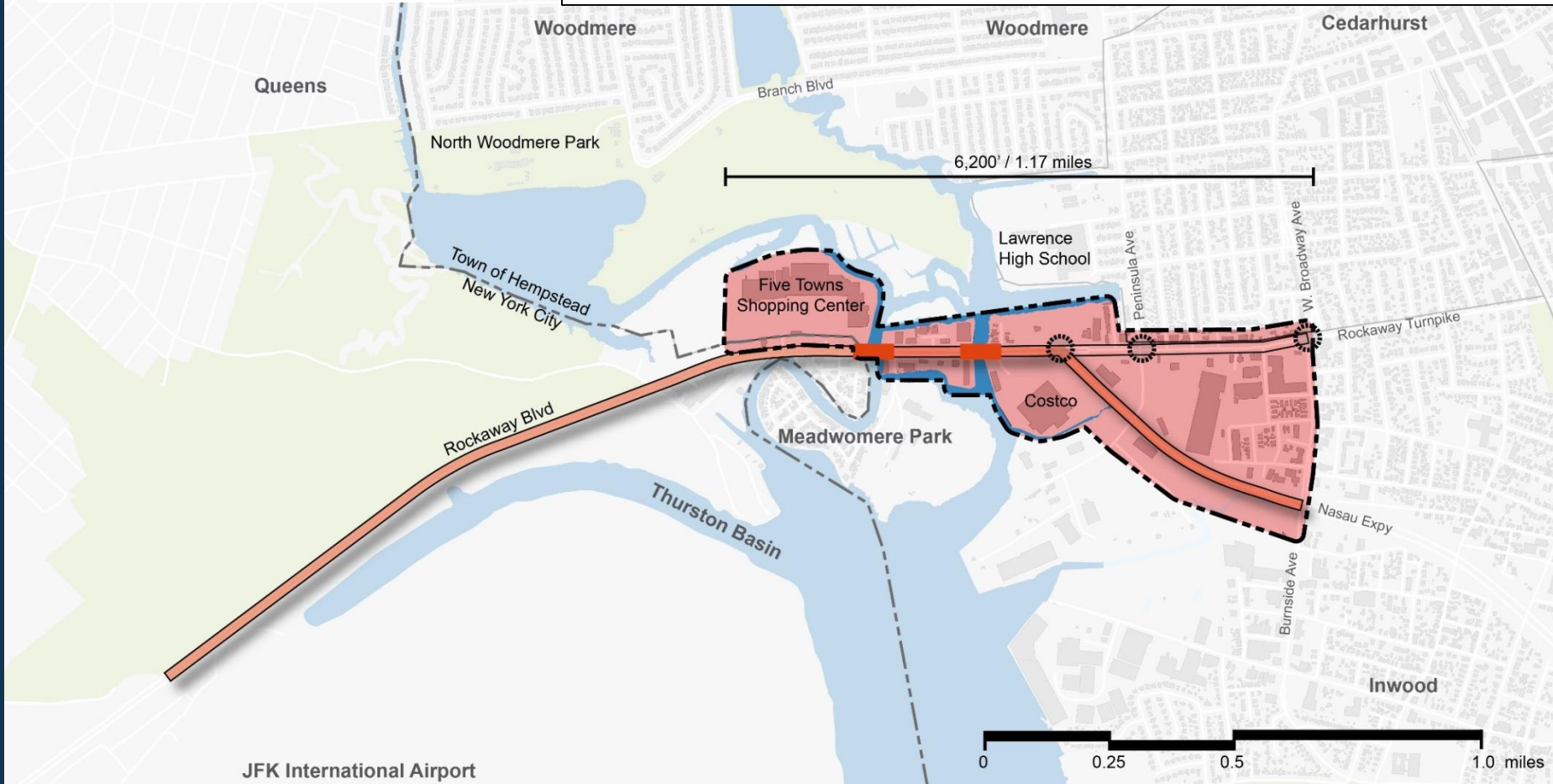
- Study the installation of microgrids at critical assets.
- Conceptual design of the microgrid network.
- Potential components include: gas stations, medical facilities, warming/cooling stations, schools, village halls, etc.)

Rockaway Turnpike / Nassau Expressway Resilience Corridor - \$920,000

-  Potential Flood Gate
-  Proposed Elevated Roadway
-  Key Intersections

 **Project Area = 120 acres**
Generates over 160M
annually in retail sales

1. Flood protection (identify location for flood gates, elevation of roadways)
2. Traffic management (reduce congestion in evacuation routes)
3. Economic Development (increase resilience of retail district)



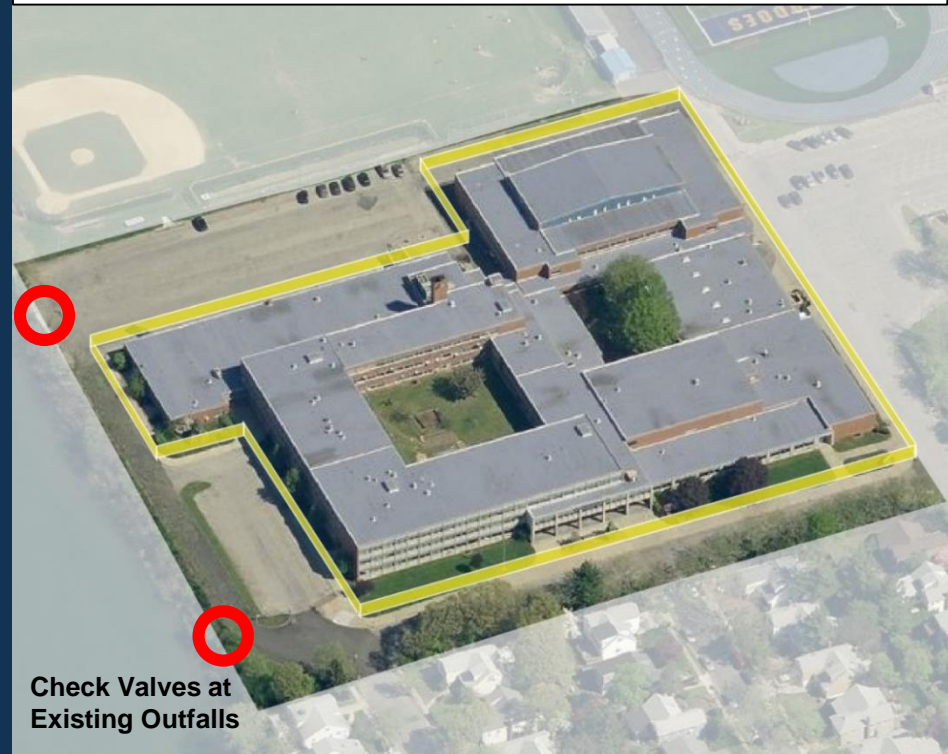
Five Towns Community Center: Building Upgrades and Disaster Response Plan - \$300,000

- Backup power supply.
- Short term staff member to create disaster response plan.
- Create voluntary database of vulnerable populations.
- Building upgrades to increase capacity to serve as a short-term emergency shelter.



Lawrence High School Hardening and Protection - \$1,800,000

- Sheet pile wall around the school building.
- Gates at access points and landscape plantings.
- Purpose of the wall is to provide additional protection to the building foundation in storm events.



Priority and Featured Projects

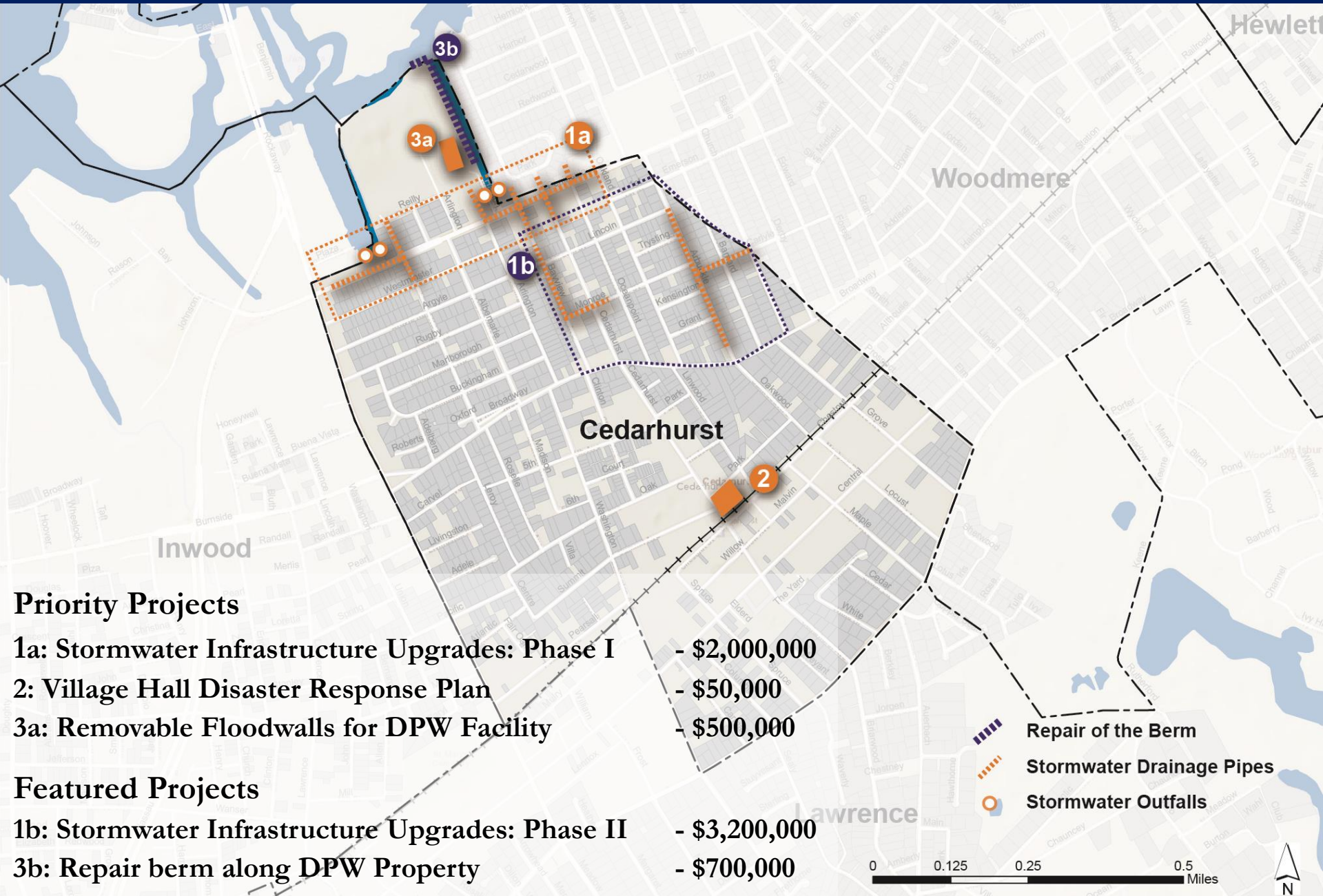
Priority Projects

- Projects which are entirely funded by the CDBG-DR allocation.
- If a single project exceeds the CDBG-DR allocation, it has been divided into phases, such that Phase I of the project would be entirely funded by the CDBG-DR funding.

Featured Projects

- Projects that will be included in the body of the Final Plan as long-term recommendations, including:
 - Phase II of a priority project that exceeds the CDBG-DR allocation.
 - Projects for which matching funds have been identified .
 - Priority projects which will be entirely funded by other sources.
 - Non-capital (advocacy) project, such as regulatory reforms, policy changes and other programs that do not involve capital expenditures.

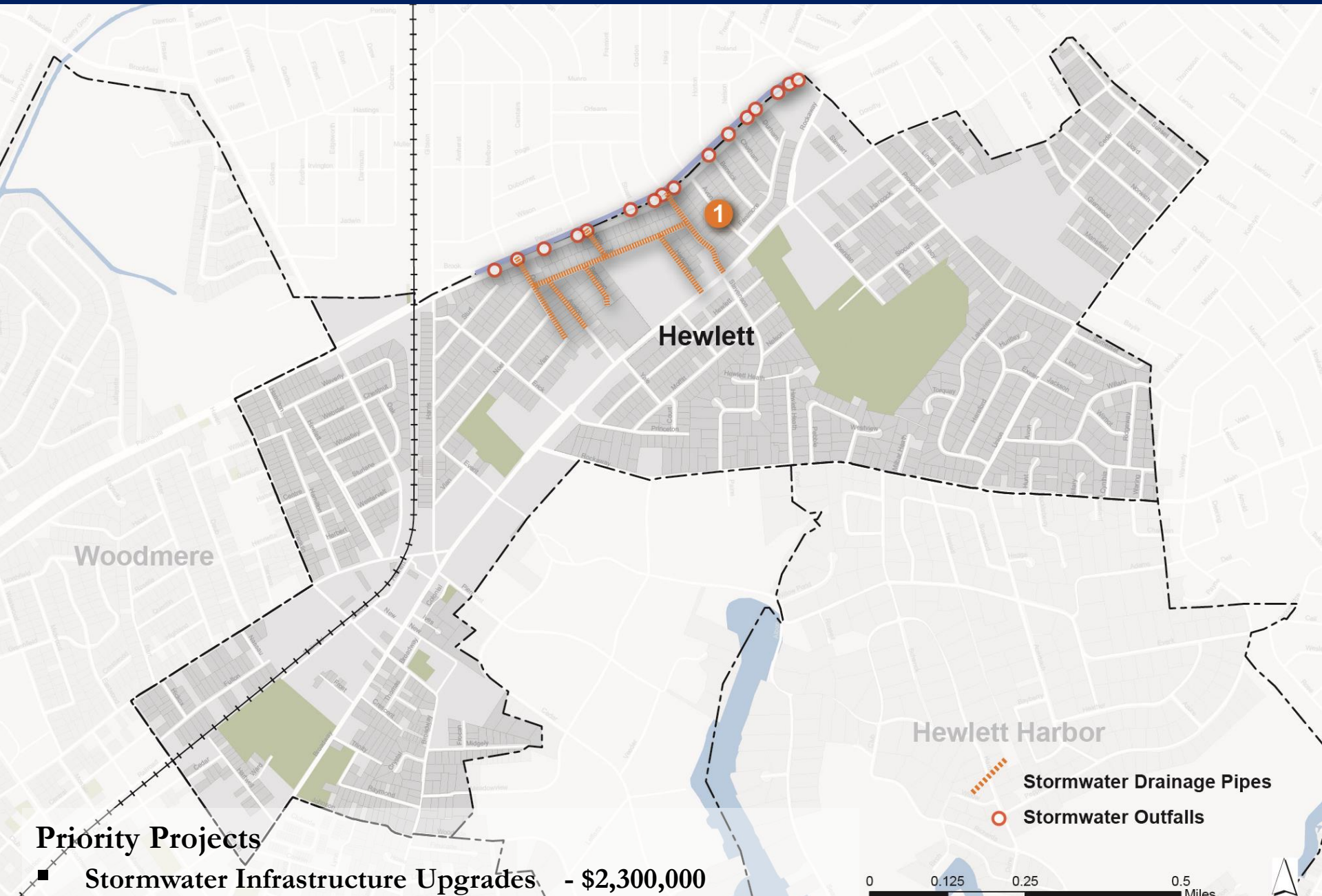
Cedarhurst



Cedarhurst: Phase I Stormwater Infrastructure Upgrades



Hewlett



Hewlett

Lead - Saddle Ridge



Check Valve (100)
Swirl Separators (100)

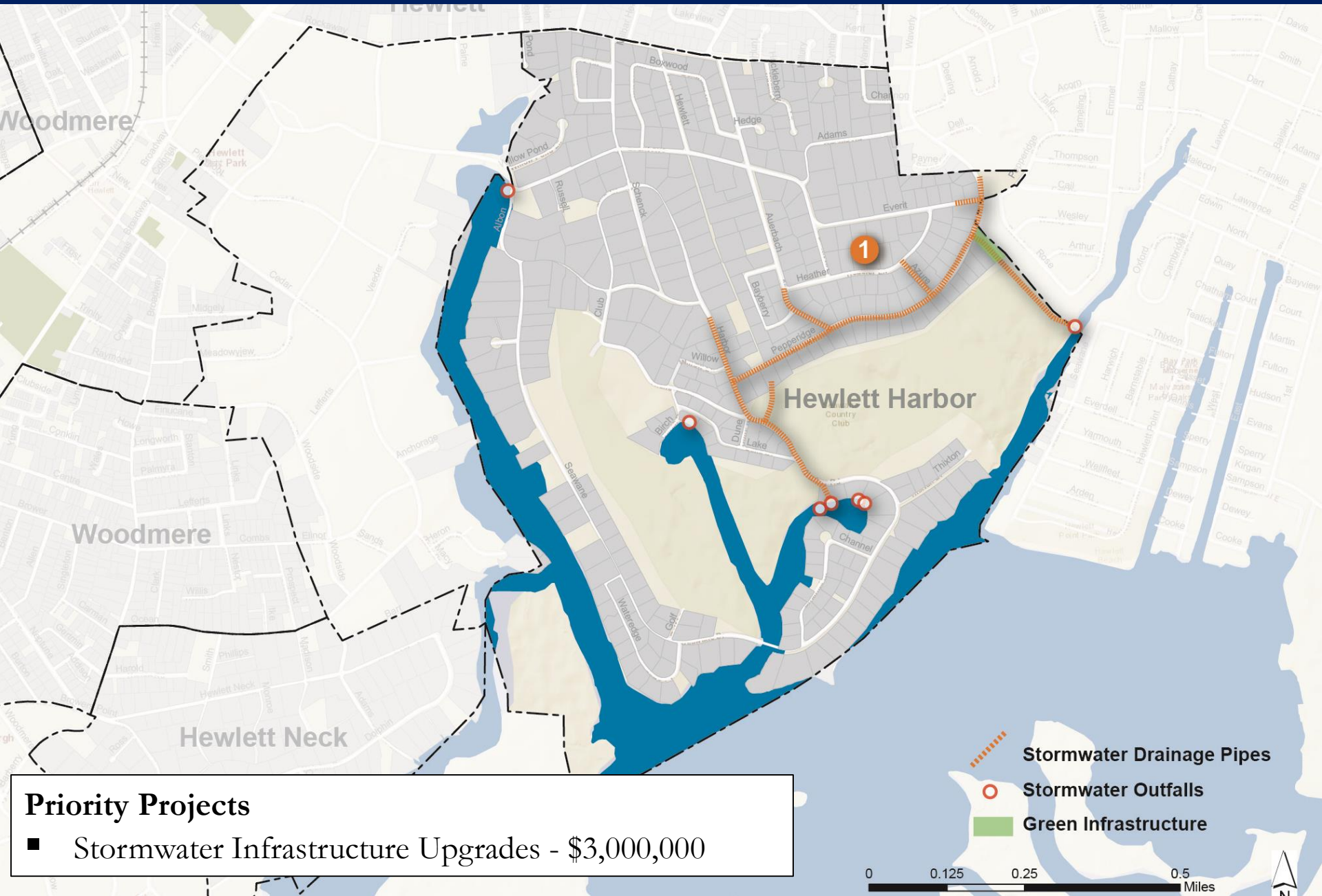
Saddle Ridge

Check Valve at Outfall

Drainage Pipe to the Outfall

Phase 1 Project

Hewlett Harbor



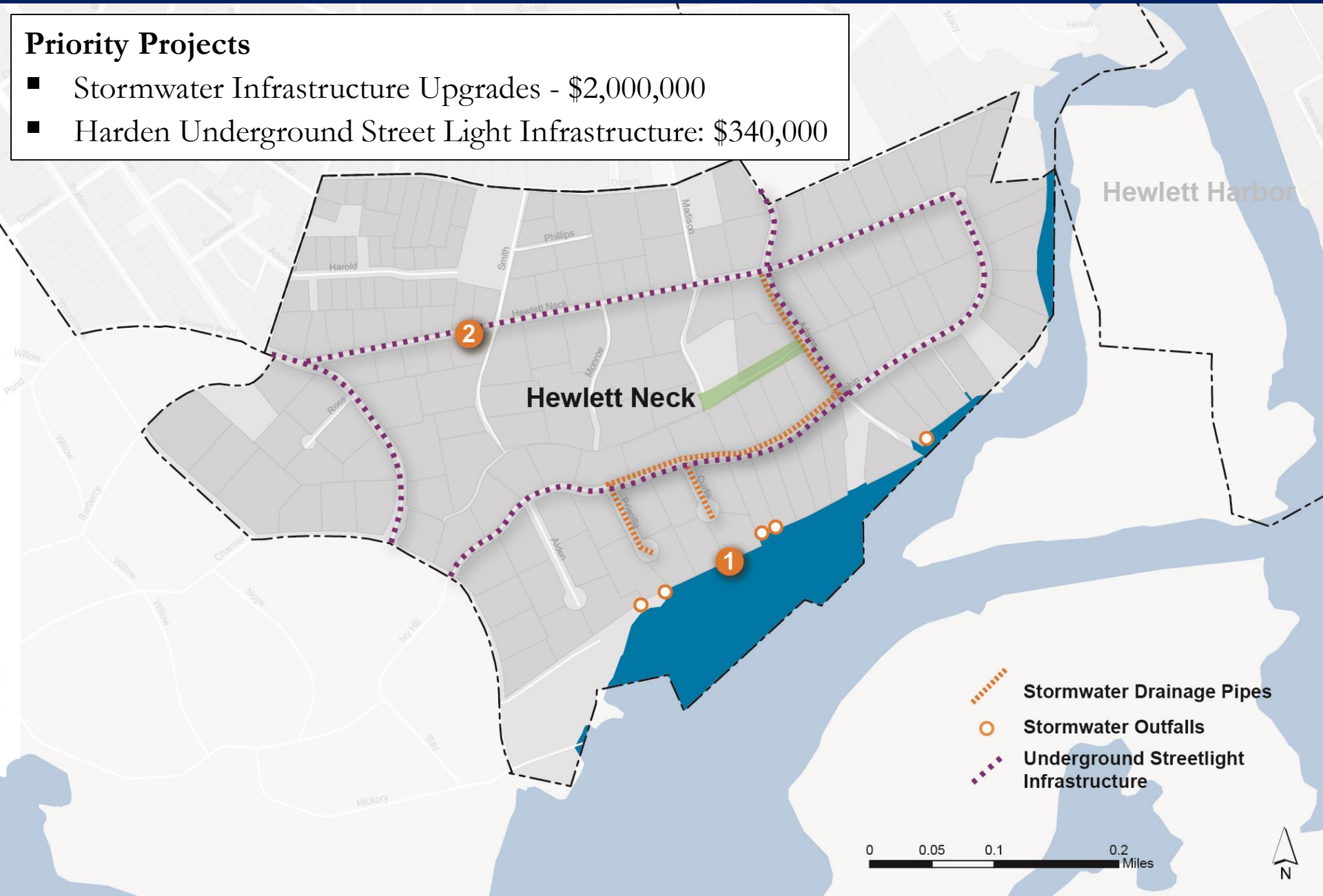
Hewlett Harbor



Hewlett Neck

Priority Projects

- Stormwater Infrastructure Upgrades - \$2,000,000
- Harden Underground Street Light Infrastructure: \$340,000



Hewlett Neck



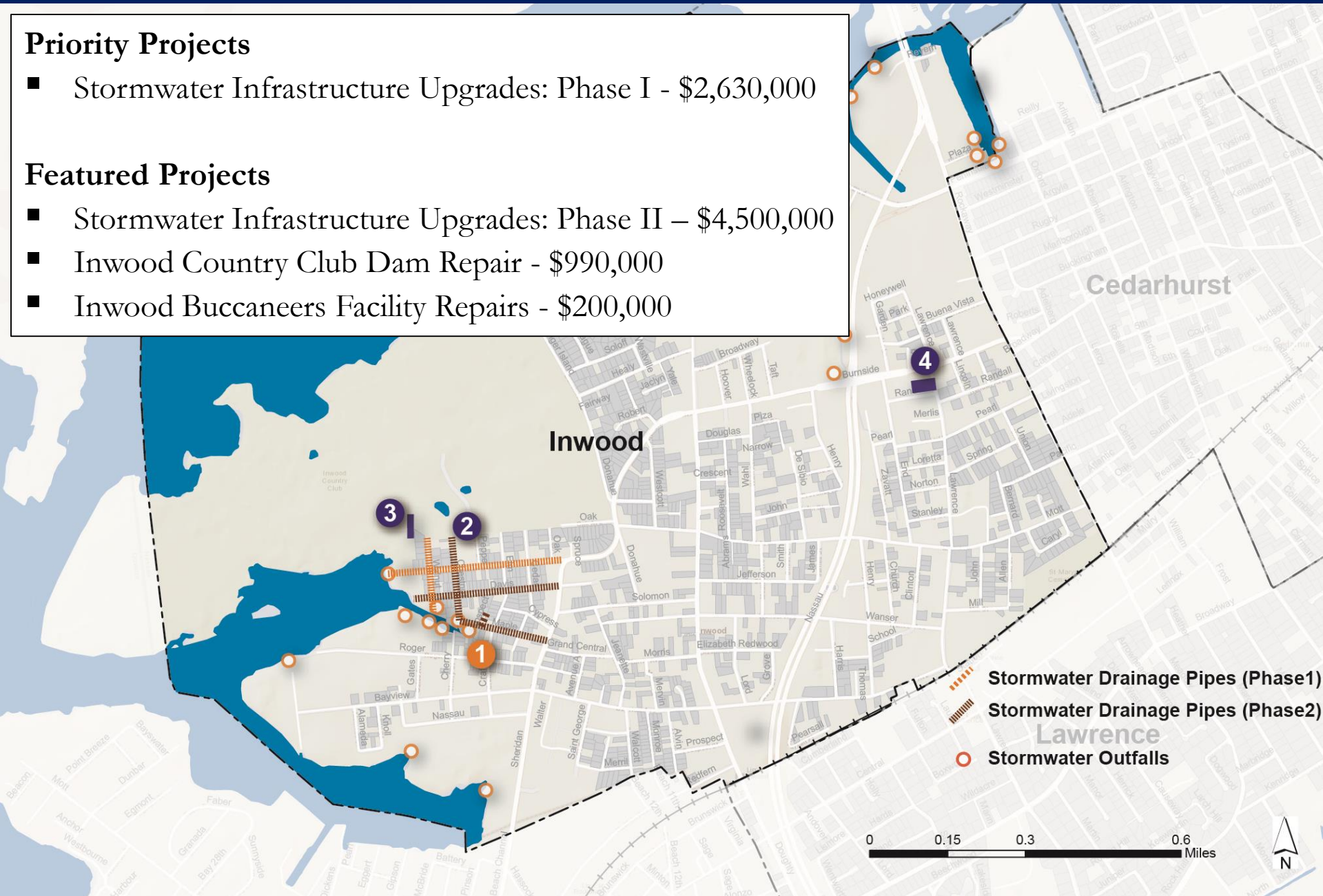
Inwood

Priority Projects

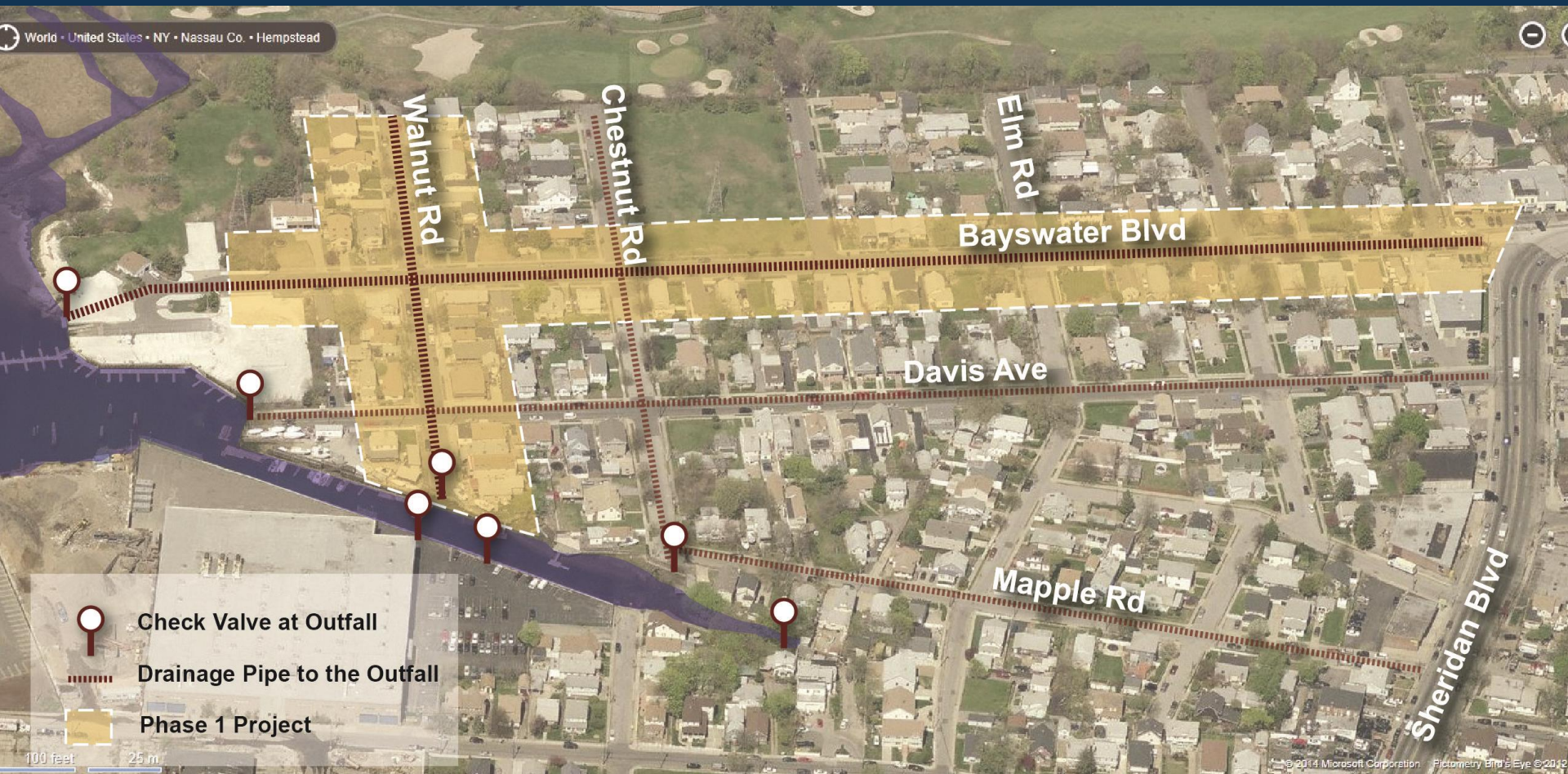
- Stormwater Infrastructure Upgrades: Phase I - \$2,630,000

Featured Projects

- Stormwater Infrastructure Upgrades: Phase II – \$4,500,000
- Inwood Country Club Dam Repair - \$990,000
- Inwood Buccaneers Facility Repairs - \$200,000



Inwood



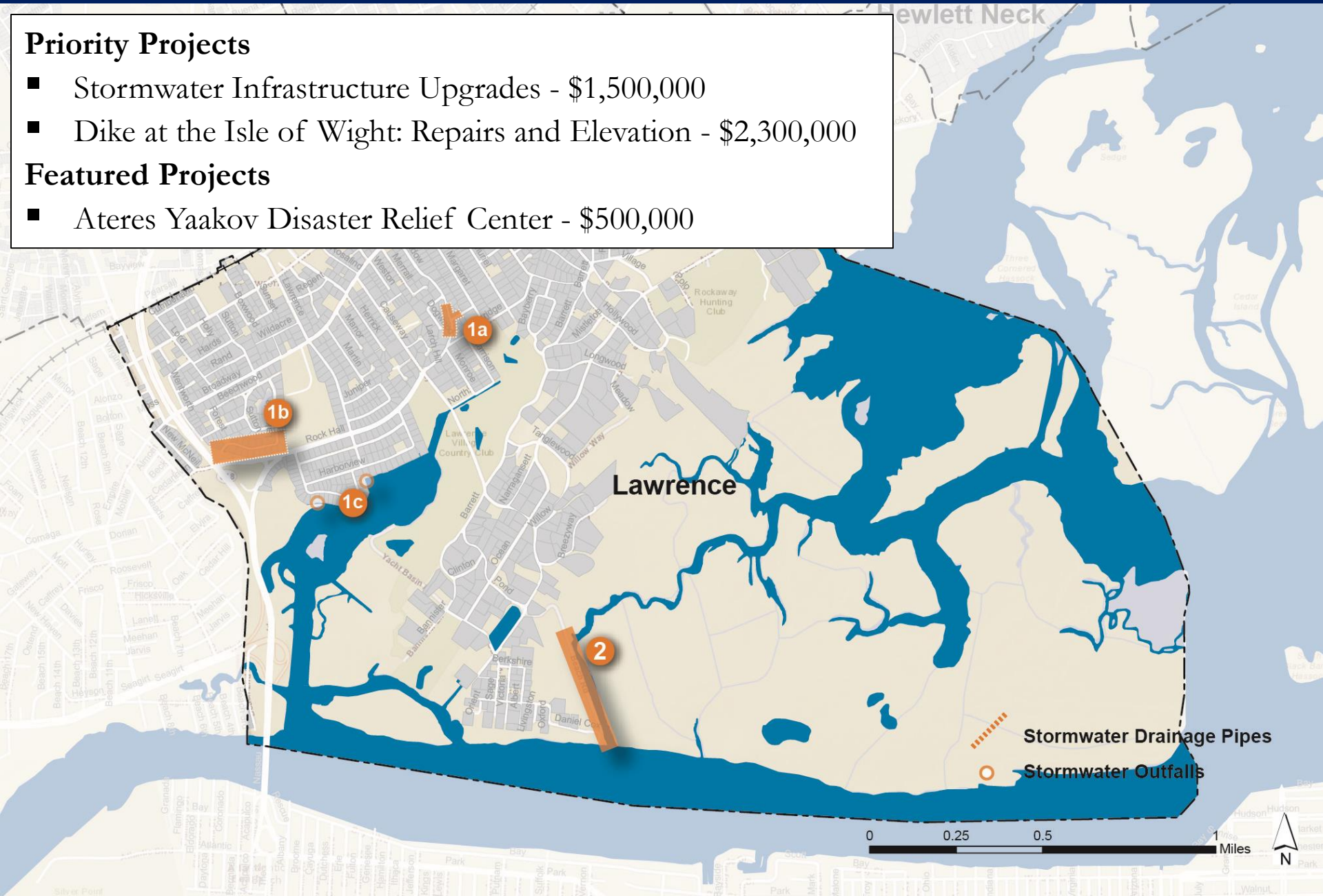
Lawrence

Priority Projects

- Stormwater Infrastructure Upgrades - \$1,500,000
- Dike at the Isle of Wight: Repairs and Elevation - \$2,300,000

Featured Projects

- Ateres Yaakov Disaster Relief Center - \$500,000



Lawrence



Meadowmere Park

Priority Projects

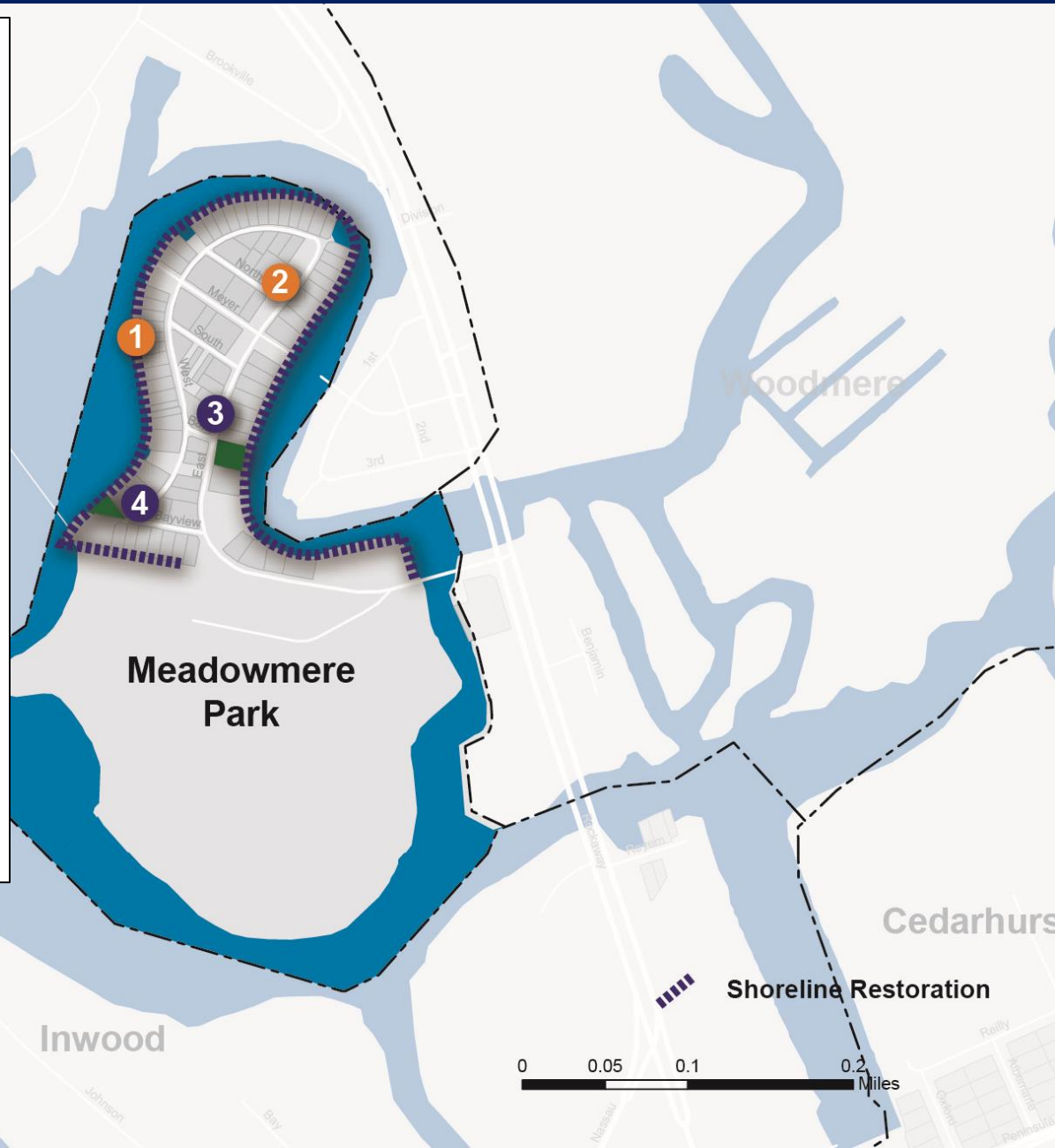
- Meadowmere Park Bulkhead Repair Program - \$2,700,000
- Fire Department Building Resilience Upgrades - \$200,000

Featured Projects

- Meadowmere Park Community Center - \$2,500,000
- Community Grid –
- Point of Distribution Site –

Other Projects

- Footbridge Repairs
- Parkland Reconstruction



Meadowmere Park



Fire Department Building Resiliency Upgrades

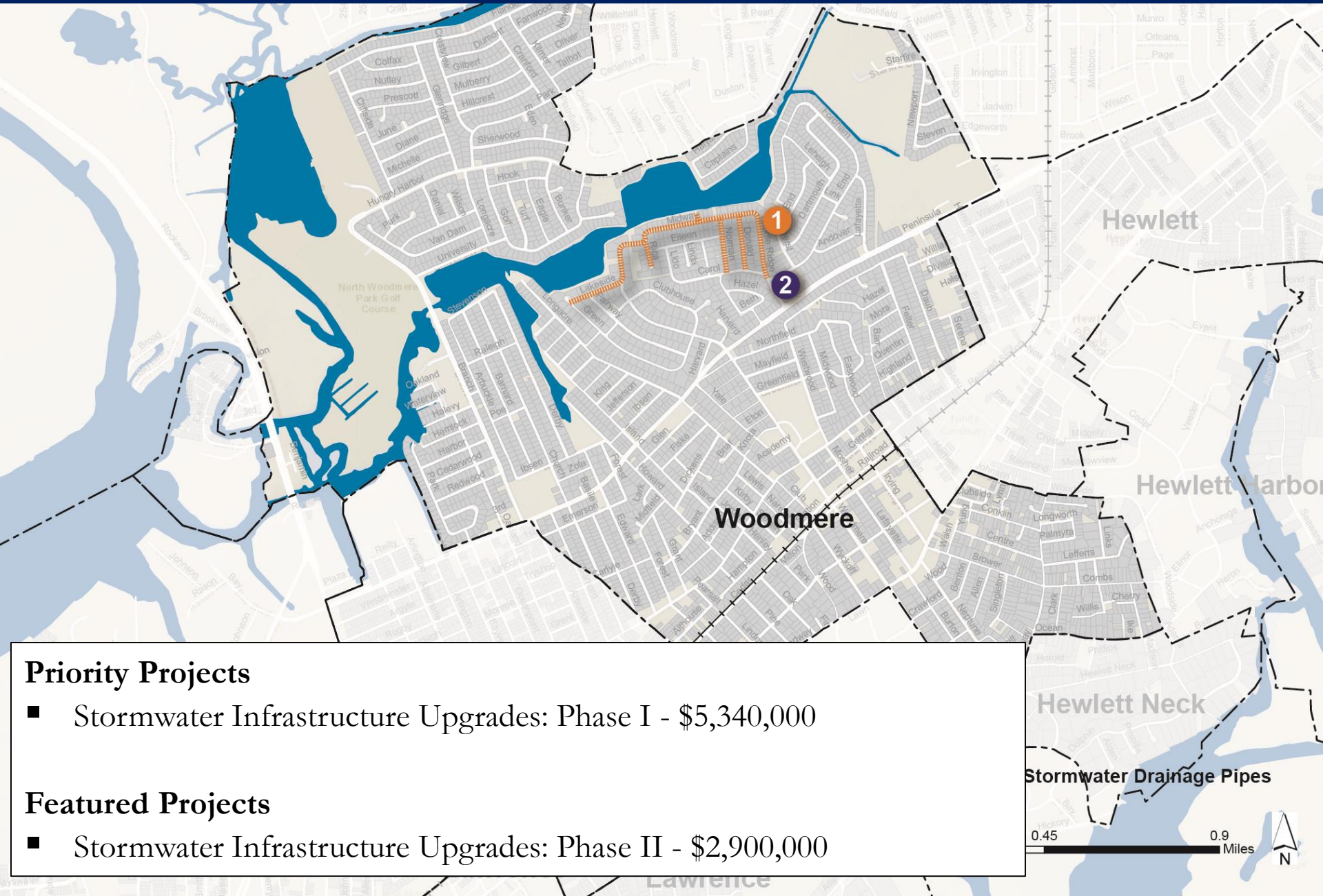
North St
Meyer Ave
South St
East Ave

Bayview Ave

Shoreline Restoration

Phase 1 Project

Woodmere



Woodmere: Phase I Stormwater Infrastructure Upgrades

Lead • Saddle Ridge



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