



Rye

Community Reconstruction Plan
Public Meeting #2

September 9, 2014 - 7:00 PM

Rye Free Reading Room
1061 Boston Post Road, Rye, New York



Welcome and Introductions

Committee and Team

- Rye Committee
 - Bernie Althoff (Co-chair)
 - Holly Kennedy (Co-chair)
 - Mack Cunningham
 - Frank Gadaleta
 - Rex Gedney
 - Sara Goddard
 - Gregg Howells
 - Josh Nathan
 - Richard Runes
 - Tracy Stora
 - Birgit Townley
- Governor's Office of Storm Recovery
 - Kate Dineen
 - Dan Berkovits
 - Alex Breinin
 - Suzanne Barclay
 - Ricardo Soto-Lopez
- Consultants (AKRF-Sasaki)
 - Program Lead, Nanette Bourne (AKRF)
 - Project Manager, Jason Hellendrung (Sasaki)
 - Assistant Project Manager, Julia Carlton (Sasaki)
 - Senior Analyst, Brie Hensold (Sasaki)
 - Technical Advisor, Jim Nash (AKRF)



Meeting Overview

- Introduce the NYRCCR Program
- Work to Date
- Small Group Discussion
- Report Back





NY Rising Community Reconstruction

NYRCR Program

- NY State established the NY Rising Community Reconstruction Program (NYRCR) with funds from the US Department of Housing and Urban Development (HUD) Community Development Block Grant – Disaster Recovery (CDBG-DR) program.
- Community Planning Committees, Consultant Teams, and State Representatives are working together with the community to develop NYRCR Final Plans, to identify implementable projects, and to create resiliency to future storms events.
- Culminates in a community-driven recovery plan for Rye that:
 - Considers current damage, future threats, and economic opportunities
 - Identifies resilient and innovative reconstruction projects



Program Process



Geographic Scope
Storm Damage Inventory
Critical Issues
Vision Statement



Asset Inventory
Risk Areas
Risk to Assets
Needs and Opportunities



Strategies
Projects and Management Measures
Operational Arrangements



Schedule for Implementation



IN-PERSON COMMITTEE MEETINGS (roughly twice monthly)



Public Engagement Event #1 Recap

- Residents participated in discussions with Committee Members, GOSR staff, and the Consultant team

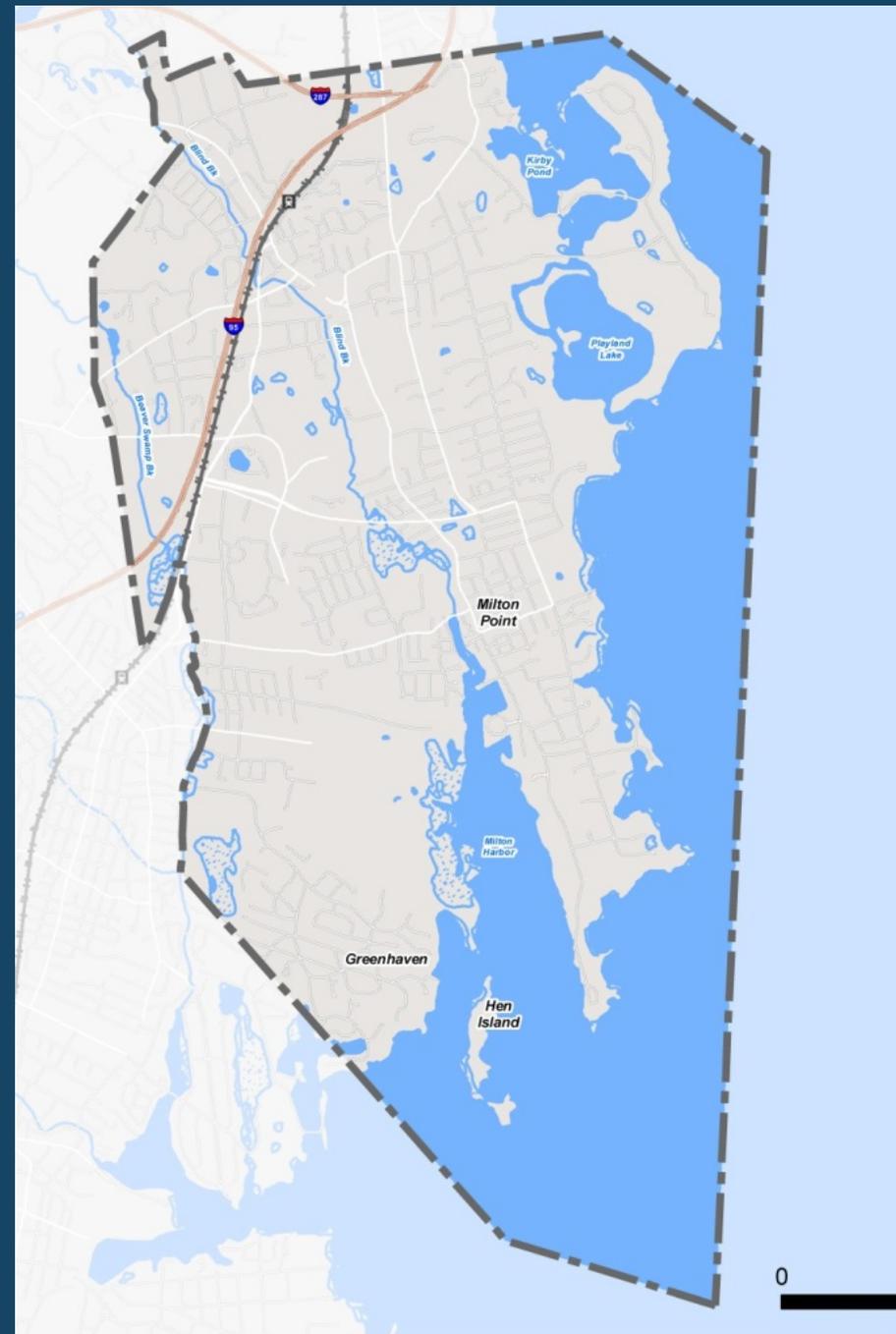




Work to Date

Geographic Scope

- The geographic scope of the NY Rising Community Reconstruction (NYRCR) Plan is coterminous with the City of Rye



Legend

- City of Rye (Study Area)
- Rivers & Streams
- Major Highways
- Wetlands
- Railroads
- Water Bodies
- Rail Station

Data Sources

City of Rye,
NYSITS,
Westchester County
August 2014

Storm Damage

- 2007 storms: Severe damage raised awareness
- 2011 storms (Irene and Lee): Riverine flood damage
- 2012 storms (Sandy): Wind and wave damage



Rye YMCA Front Desk, Spring 2007



Shenorock Shore Club, October 2012



Critical Issues

- Increased frequency and intensity of flooding
- Stormwater and sanitary sewer systems
- Vulnerability of transportation and access
- Flooding of basement and living space of housing
- Vulnerable community services
- Policy limitations on resilience
- Power loss
- Insufficient watershed planning



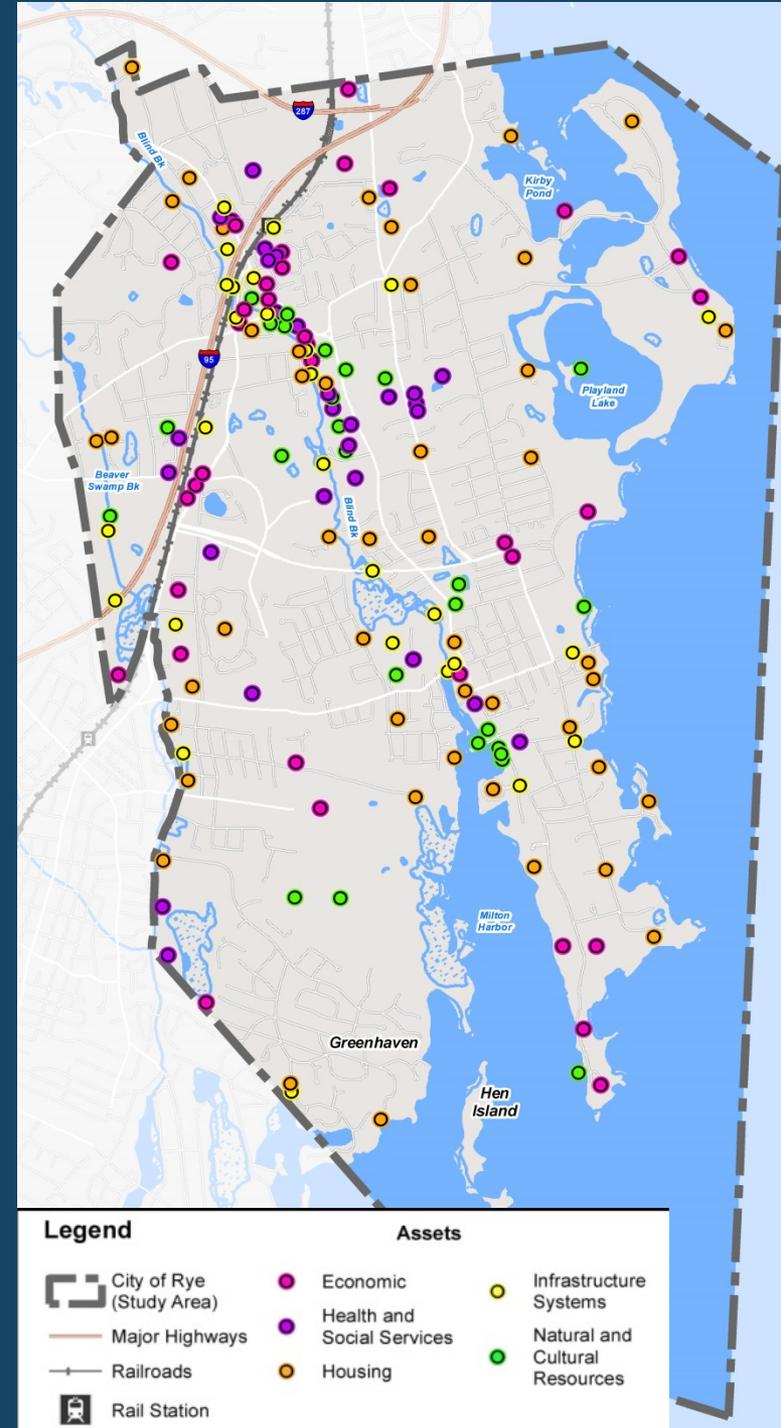
Vision Statement

“To preserve and improve Rye to ensure that the community remains economically and environmentally resilient and resistant to storms and floods.”



Identified Assets

- Identified and mapped assets and system components that provide **essential community functions** and are **proximate to known flood risk areas**
- Community assets and systems consist of **places, services, groups, or infrastructure networks**, and can be categorized into five Asset Classes:
 - **Economic**
 - **Health and Social Services**
 - **Housing**
 - **Infrastructure Systems**
 - **Natural and Cultural Resources**



Risk Assessment

- A Risk Assessment process is underway to evaluate the risk to assets from flooding.
- Measuring Risk Assessment is a **standardized process**, defined by the NYRRCR program.
- A preliminary Risk Assessment has been completed. Now, additional anecdotal evidence is currently being factored in, and an **updated analysis is underway**.
- The Risk Assessment process results in a Risk Score.



Where We Are



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Implementation Schedule



Work to date...

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Work to date...

...Leads us to tonight



Implementation Schedule



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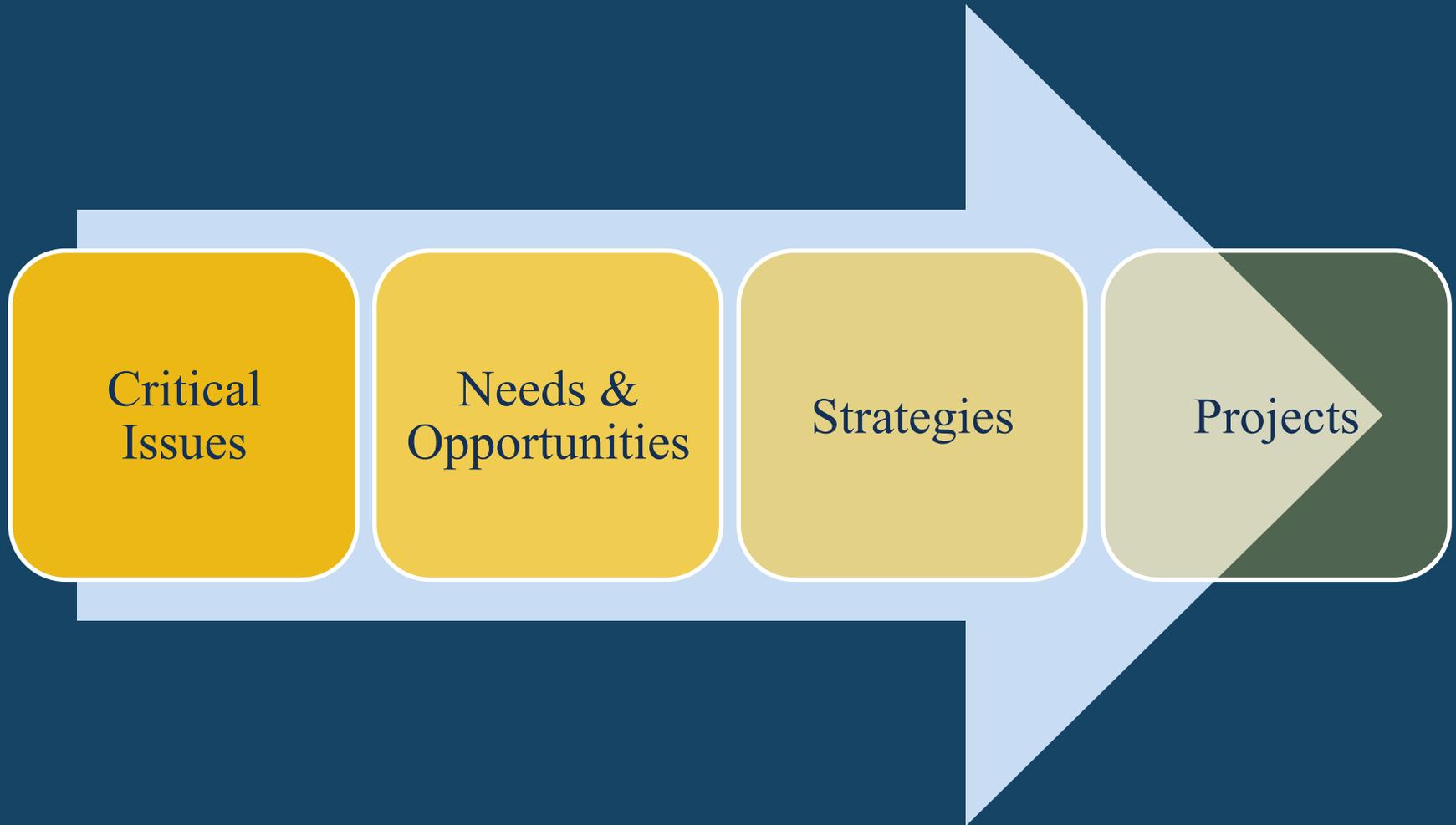
...Leads us to tonight

Looking ahead

IN-PERSON COMMITTEE MEETINGS (roughly twice monthly)



Moving Forward



Lots of Work Has Already Been Done

- Blind Brook Watershed Management Plan (USACE 2009)
- Hydrologic and Hydraulic Analysis of Bowman Ave Dam (Rizzo Engineering 2012)
- Flood Mitigation Study Bowman Avenue Dam Site (C. H. Sells Inc. 2008)
- Stormwater Reconnaissance Plan for the Coastal Long Island Sound Watershed (Westchester County Department of Planning 2013)
- Retaining Wall Replacement along Theodore Fremd Avenue at Blind Brook (WSP Sells 2009)

No single strategy will work



Recovery Functions



Housing



Economic Development



Natural & Cultural Resources



Health & Social Services



Infrastructure



Community Planning & Capacity Building



Community Planning and Capacity Building

Needs

- Communication and warnings about storms for all residents
- System for better communication between utility companies and residents
- Improved coordination between city agencies before, during, and after storm events
- Educational opportunities for learning about emergency preparedness and resiliency
- Inter-municipal watershed planning

Opportunities

- Create communication channels and plan for electricity restoration and/or shut-downs
- Implement inter-agency emergency preparedness and recovery task force
- Establish watershed conservancy to coordinate Blind Brook initiatives
- Improve data gathering on Blind Brook to track water levels



Economic Development

Needs

- Support for small business owners vulnerable to flood events
- Expedited electricity restoration for business areas
- Facilitated access to Metro North

Opportunities

- Work with Chamber to understand small business needs
- Ensure that businesses are able to reopen for business in a timely manner
- Evaluate options for expanded parking opportunities, including structured parking



Health and Social Services

Needs

- Facility and systems for emergency response during flooding and power outage events
- Emergency shelter location or locations that can be opened by the City without the Red Cross
- Uninterrupted medical services

Opportunities

- Ensure that emergency response services are able to continue operations during and after any storm event
- Ensure that people have a safe place to go to receive shelter and information on the recovery efforts



Housing

Needs

- Revisions to zoning that promote and incentivize resilient building
- Outreach to residents living in different types of housing before, during, and after storms
- Short-term housing for residents displaced by storm events

Opportunities

- Develop zoning code that rewards homeowners for water retention and storm/flood resilience
- Subsidize home elevations
- Provide educational resource on preparing for floods
- Designate shelter location that can accommodate residents overnight or for an extended period of time
- Participate in programs to reduce flood insurance



Infrastructure

Needs

- Upstream strategies and projects that stop or reduce the flow of Blind Brook north of Rye
- Sanitary sewer system hardening
- Strengthening of major corridors and bridges
- More regular storm drain cleaning
- Electrical utility protection and independence

Opportunities

- Capture and hold water from Blind Brook before it reaches Rye
- Stormproof the access points to the sanitary sewer system
- Ensure that temporary repairs on major roads and bridges are expedited
- Plan for protecting roadways and utility lines from damage when they are repaired
- Secure utilities with buried power lines, smart grid technology, or expedited response
- Share real time information about evacuation routes



Natural and Cultural Resources

Needs

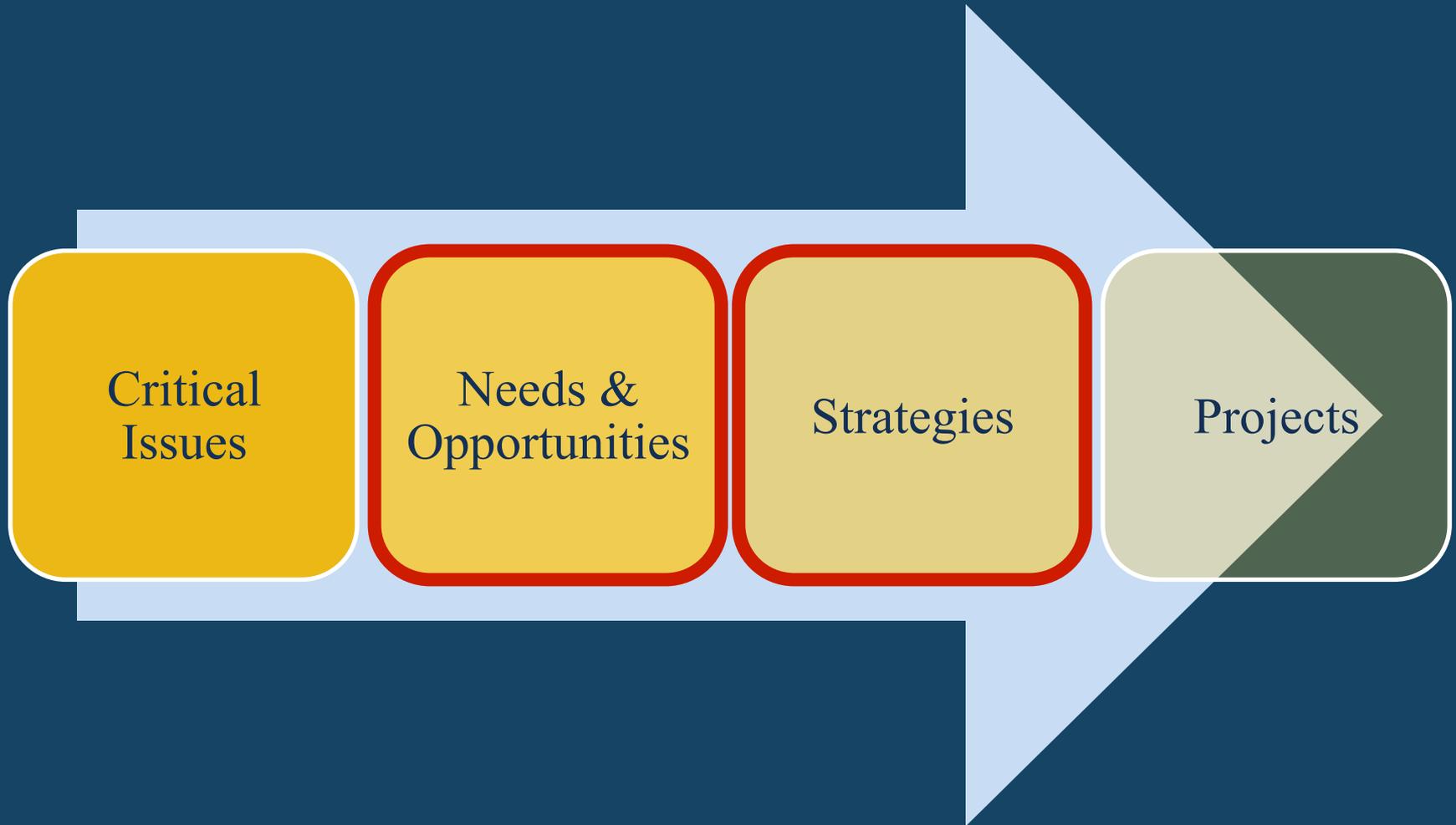
- Open spaces that can help to solve flood problems instead of being heavily damaged by them
- Open space that is protected and publically accessible
- Protection of cultural assets along Blind Brook

Opportunities

- Look for ways to maximize the permeable surfaces and preserve the natural flow of Blind Brook along its length from Bowman Avenue Dam to Milton Harbor
- Build structured parking, either as an alternative to paving new surfaces for additional parking, or to create space for a new park
- Use permeable paving or catchment system to divert and collect stormwater in parking lots



Tonight's Efforts





Strategies

Key Strategies for Storm Resilience & Resistance



Collaboration within the watershed to prevent riverine flooding



Readiness for future storms



Infrastructure resilience



Design for sea level rise, coastal vulnerability, and tidal impacts

We Want to Hear From You!

- Please visit each station and share:
 - Any additional needs and opportunities that address critical issues
 - Strategies that will inform proposed projects



Thank you!

- NY Rising website



The screenshot shows the NY Rising website homepage. At the top, there is a navigation bar with "New York State" and "State Agencies" on the left, and a search bar "Search all of NY.gov" on the right. Below the navigation bar is a banner for the "New York Rising Community Reconstruction Program (Formerly known as Community Reconstruction Zones)". The banner features the NY Rising logo, a photo of people at a meeting, and a Facebook icon. A "TRANSLATE" button with the Bing logo is also visible. Below the banner is a navigation menu with links: HOME | REGIONS | MEETINGS | NEWS & ANNOUNCEMENTS | RESOURCES | FAQs | RECONSTRUCTION PLANS | STORM RECOVERY HOMEPAGE. The main content area is titled "City of Rye" and includes three horizontal bars: "News & Announcements - are forthcoming", "Documents" with a "More +" button, and "Committee" with a "More +" button. To the right of these bars are three buttons: "Get Involved", "Facebook", and "Contact" with an envelope icon. A small note at the bottom left of the main content area reads "* = non voting member".

- Submit comments
- Follow on Facebook
- News & updates
- Meeting presentations

www.stormrecovery.ny.gov/community-reconstruction-program

