



NYRCR

Town of Wallkill

NY Rising Community Reconstruction Program
Public Engagement Meeting #2
September 4, 2014 | 7:00pm-9:00pm

*Working Together to
Build Back Better*



Overview of the NYRCR Program

- Community Development Block Grant-Disaster Recovery (CDBG-DR) funds allocated to communities hard-hit by Sandy, Lee, Irene, 2013 floods.
- Funds must be used for projects linked to disaster.
- Focused on implementation
- Eligible projects include: planning/capacity building, property acquisition, infrastructure/public facility improvements, clearance, reconstruction, economic development, construction.



Understanding the NYRCR Program

- **Focus the NYRCR Strategies and Projects in 6 Major Categories:**
 1. Infrastructure
 2. Housing
 3. Economic Development
 4. Health and Social Services
 5. Natural and Cultural Resources
 6. Community Capacity Building

- ❖ Vulnerable Populations – Need to consider across all



Plan Development Process





Status of Plan

JUNE 2014

- ✓ Wallkill NYRCR Committee was established and First Committee Meetings Held

JULY 2014

- ✓ Tour of Town - Description of Storm Damage
- ✓ Geographic Boundary Finalized
- ✓ Developed Draft Vision Statement and Goals
- ✓ Began Risk Assessment
 - Begin Review of Critical Assets in Community
- ✓ Develop Public Engagement Strategy
 - **July 24 – Public Engagement Meeting #1**



Status of Plan

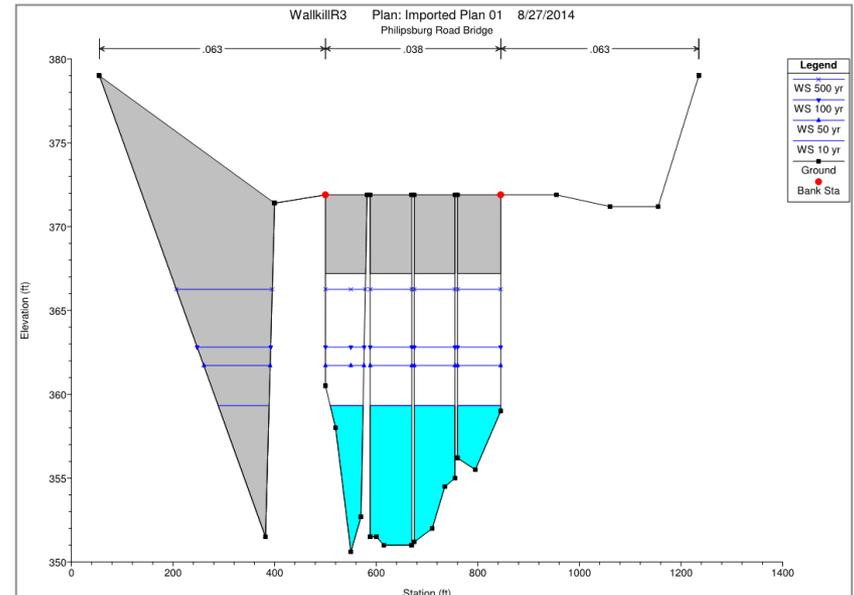
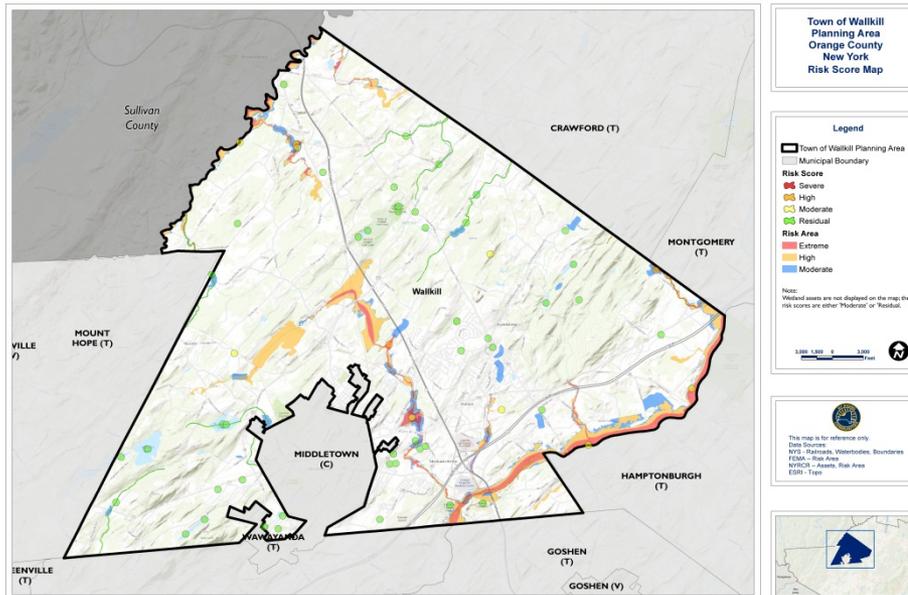
AUGUST 2014

- ✓ Finalized Asset Identification
- ✓ Submitted Section 1 to Committee for Review and Comments
- ✓ Meeting with First Responders
- ✓ Finalize of Needs and Opportunities



Where Are We Now?

- Risk Assessment & HEC-RAS Modeling
 - These are two of several tools to be used by the Committee to assist them with identifying and prioritizing projects.





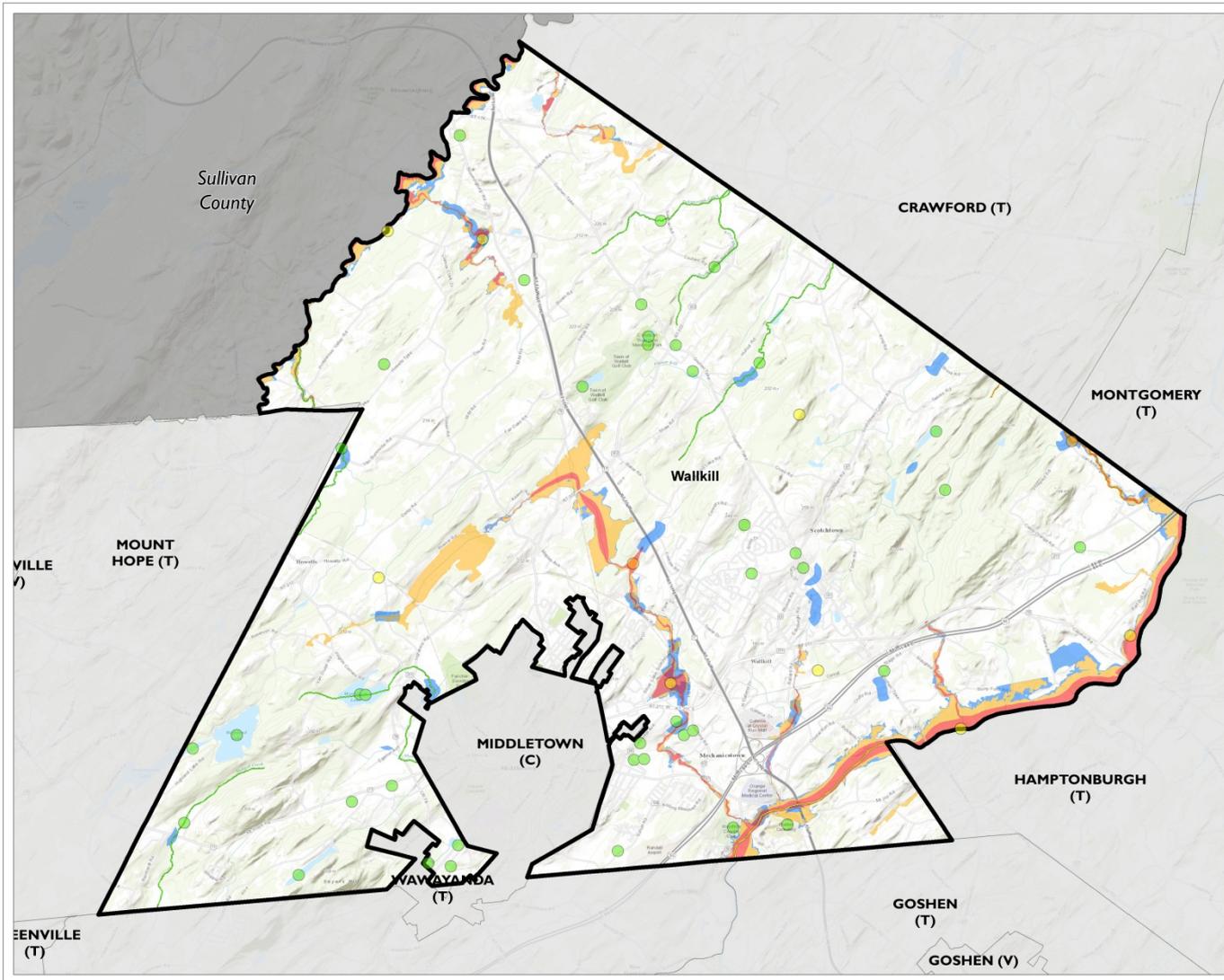
Risk Assessment Overview

- Committee assisted in the development and approved community asset list
- Category Types included –
 - Infrastructure
 - Housing
 - Economic Development
 - Natural and Cultural Resources
 - Health and Social Services
- Reviewed and analyzed assets with the risk areas - (FEMA regulatory floodplain)



Working Together to Build Back Better

NYRCR Town of Walkill Public Engagement Meeting



**Town of Walkill
Planning Area
Orange County
New York
Risk Score Map**

Legend

- Town of Walkill Planning Area
- Municipal Boundary

Risk Score

- Severe
- High
- Moderate
- Residual

Risk Area

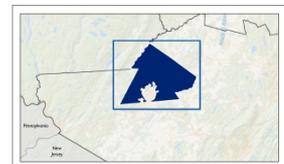
- Extreme
- High
- Moderate

Notes:
Wetland assets are not displayed on the map; their risk scores are either 'Moderate' or 'Residual'.
Assets are represented as points, polygons and lines

3,000 1,500 0 3,000 Feet



This map is for reference only.
Data Sources:
NYS - Railroads, Waterbodies, Boundaries
FEMA - Risk Area
NYRCR - Assets, Risk Area
ESRI - Topo





Next Steps

- The Committee will use the Risk Analysis, along with other tools, to support the identification and prioritization of projects. Other tools and project elements would include:
 - Funding and Program Eligibility
 - Cost Benefit Analysis (CBA)
 - Public Support
 - Timeline and Regulatory Feasibility
 - Economic and Environmental Benefits
 - Social and Health Benefits
 - HEC RAS modelling



Working Together to Build Back Better

**NYRCR Town of Wallkill
Public Engagement Meeting**

**NYRCR
Town of Wallkill
Hydraulic Modeling Baseline**

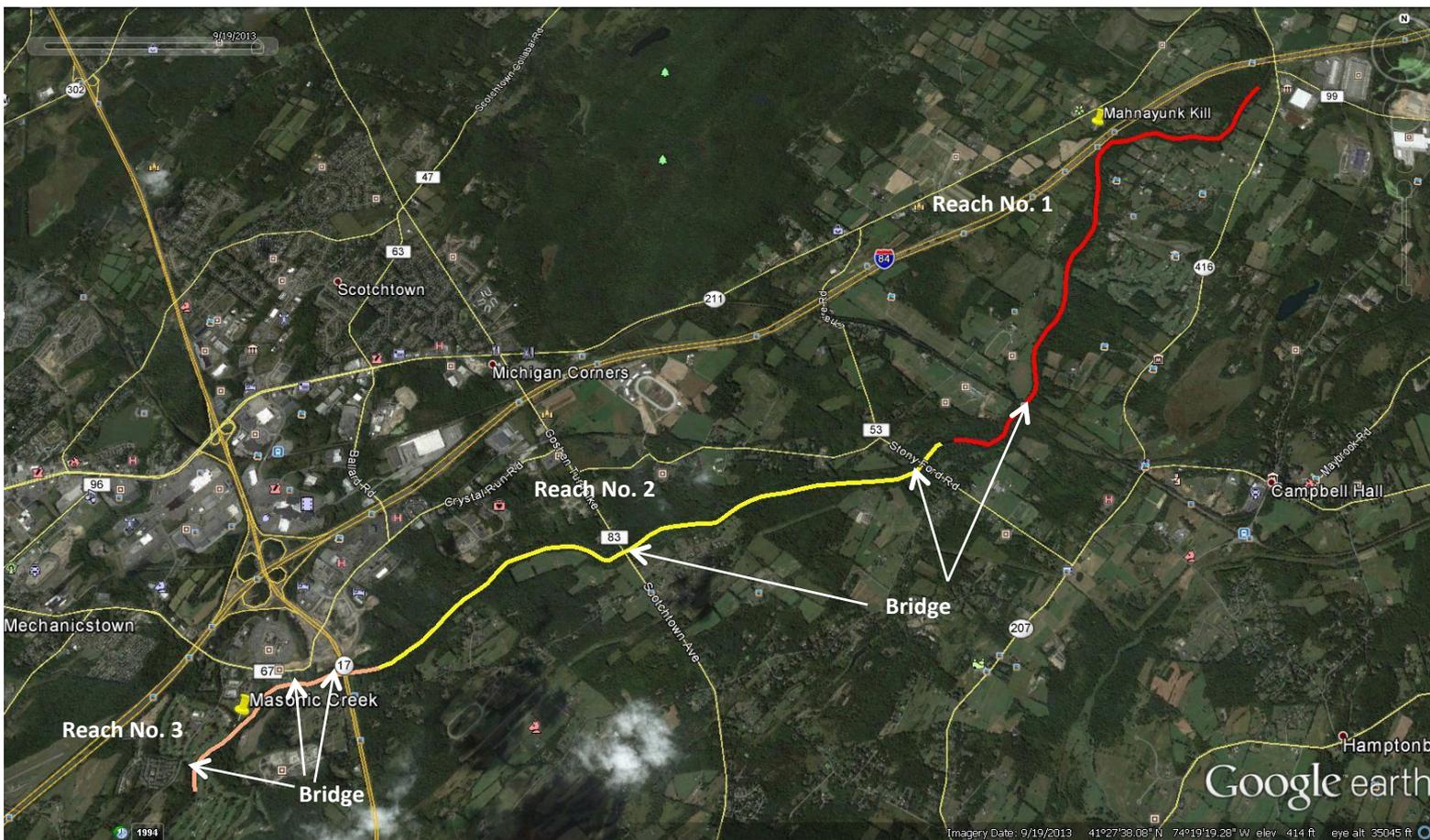


HEC-RAS Model

- Developed by U.S. Army Corps of Engineers
 - Simulate the water flow through a drainage area
- Predict the Water Surface Elevation (WSE) and extents of flooding for a given storm event
 - E.g., 100-year or 1% annual-chance event
- Assess the effectiveness of flood mitigation alternatives
 - Evaluate and compare potential benefits in terms of reduced flooding WSE and extents
- Received previously prepared Hydraulic Models
 - Currently updating and checking accuracy

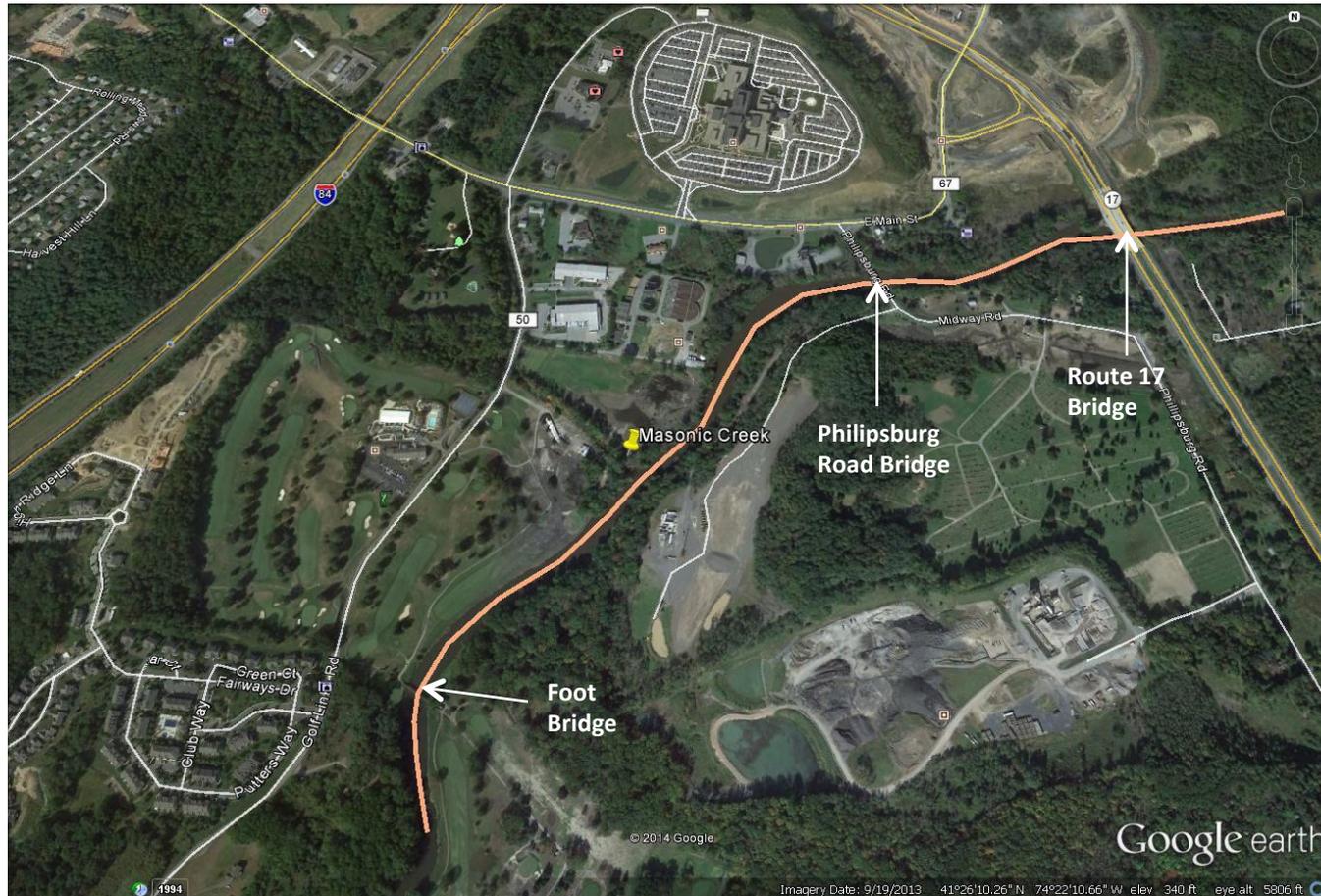


Walkill River - Study Area



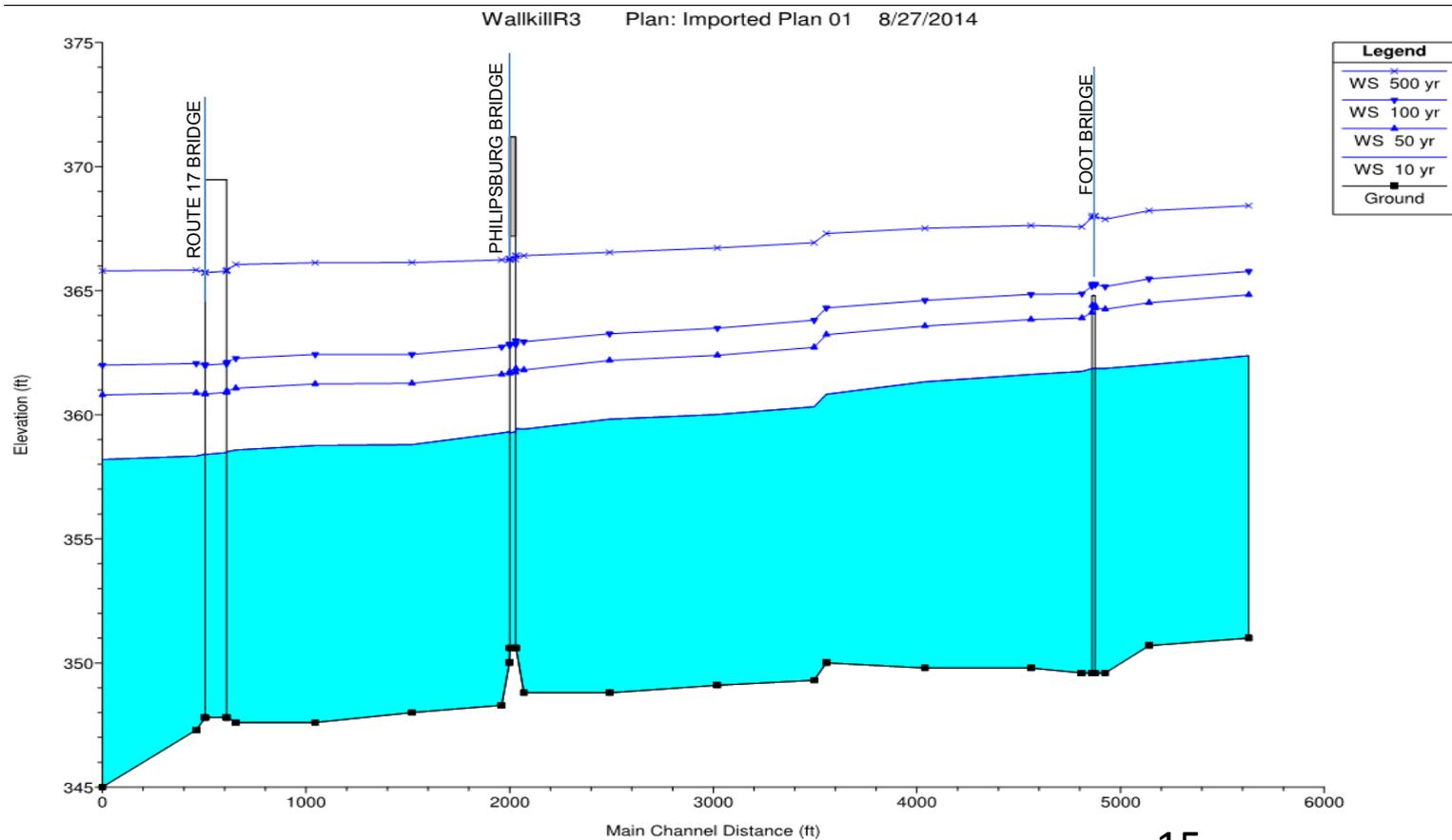


Wallkill Town Study Area – Reach No. 3



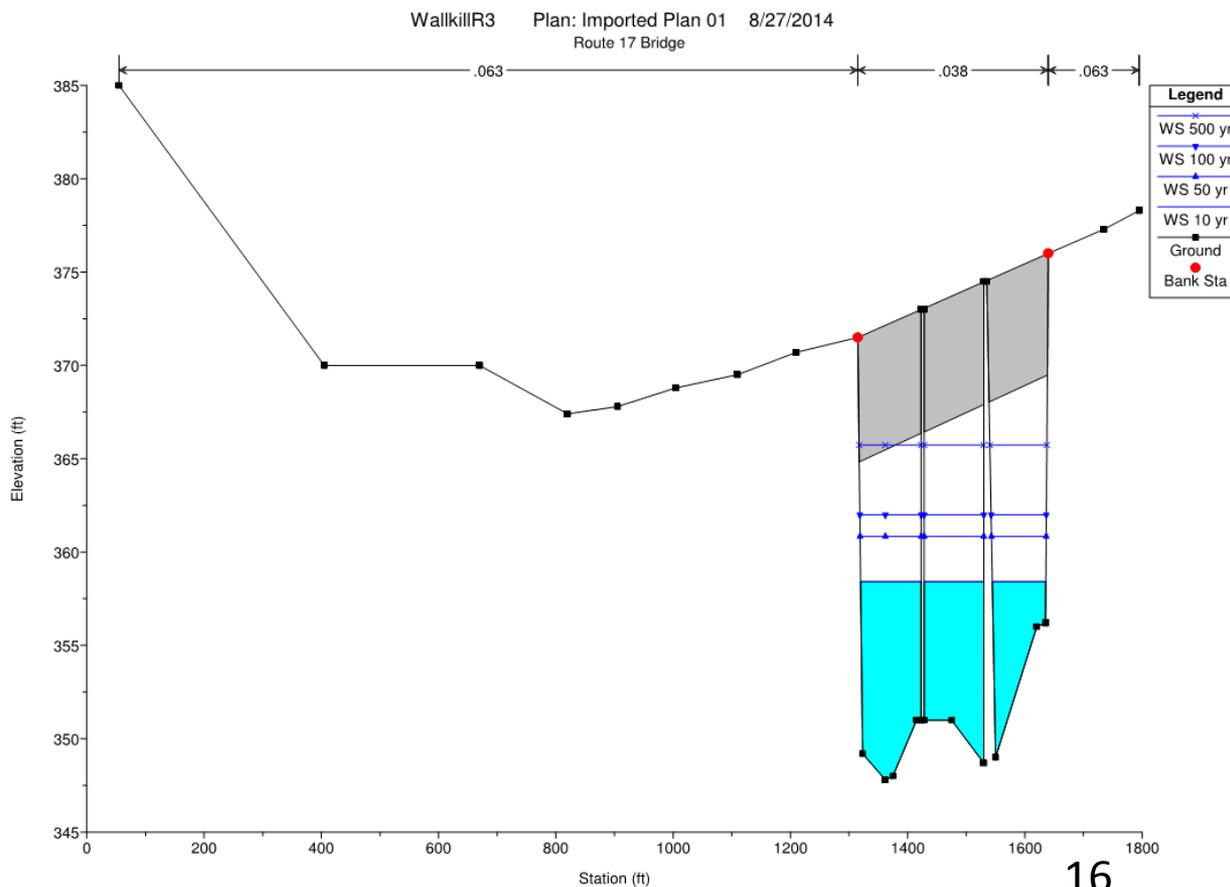


Wallkill Town (Water Surface Profile)



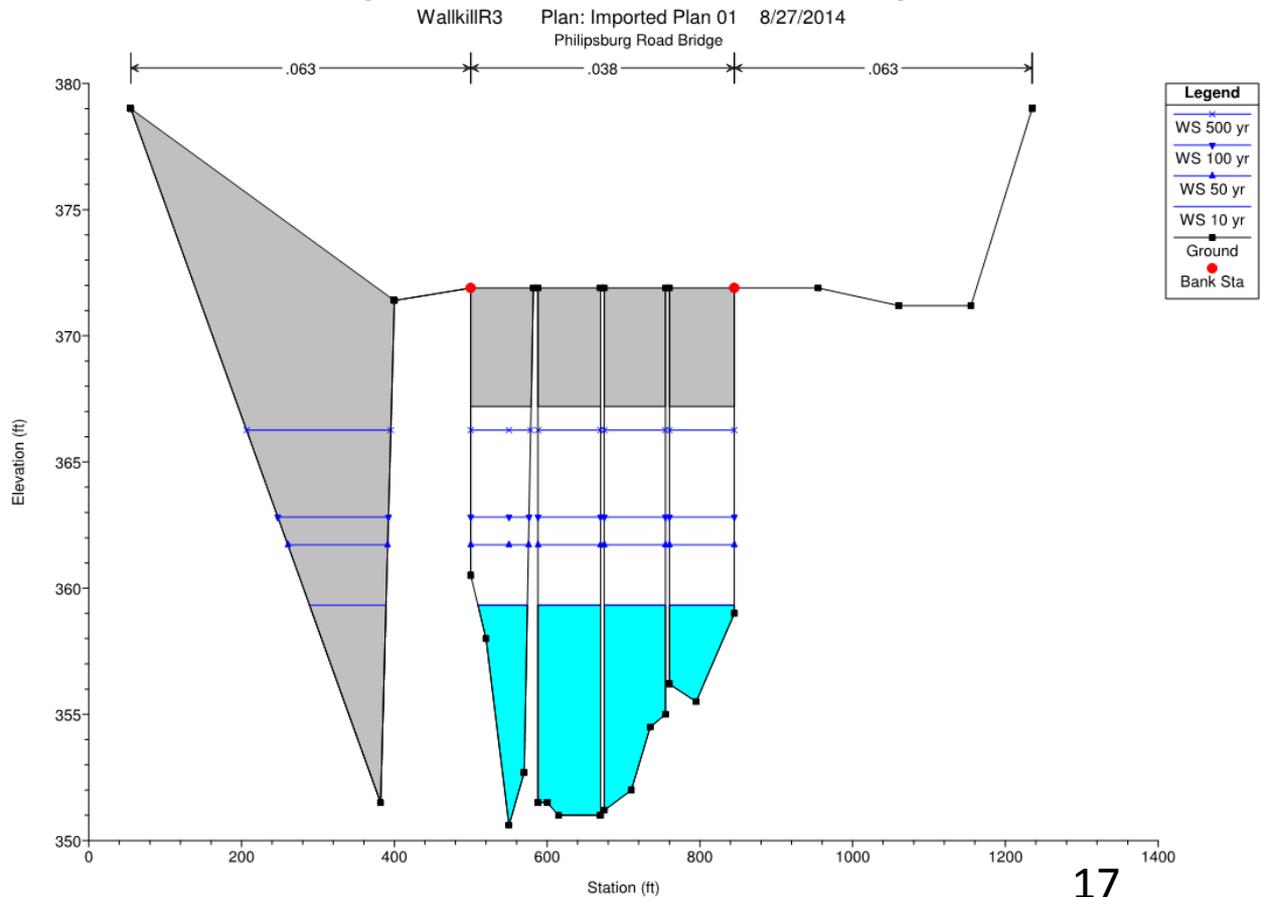


Wallkill River – Route 17 (Cross Section)



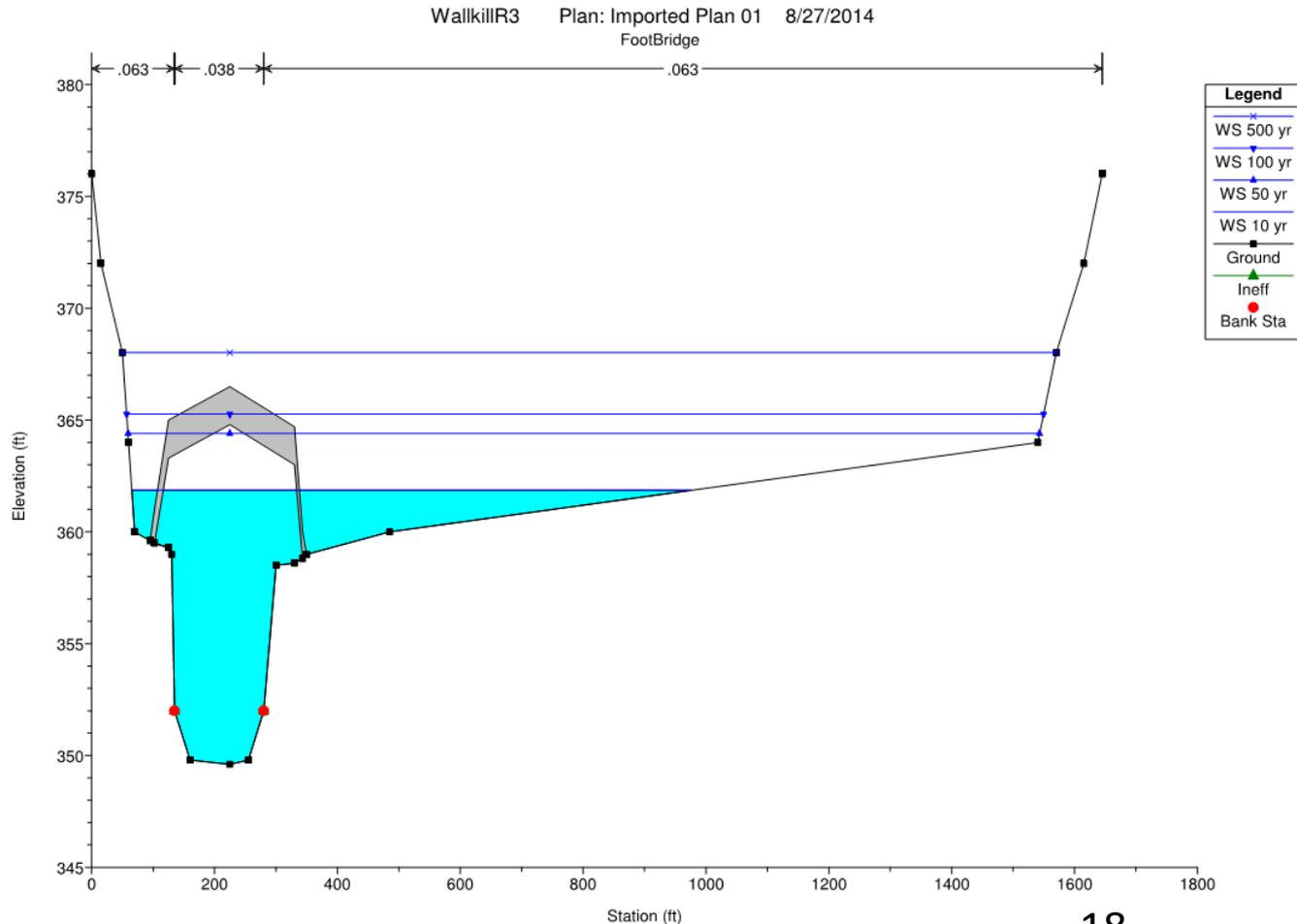


Wallkill River – Philipsburg Road (Cross Section)





Wallkill River - Footbridge (Cross Section)





What will the Committee be working on during upcoming months?

SEPTEMBER 2014

- Begin Identification of Resiliency Strategies and Actions
- Tour community with engineers and HEC-RAS modelers
- By September 19 – Develop a list of strategies
- Finalize HEC-RAS modeling
- Develop preliminary project lists

OCTOBER 2014

- By October 3 – Final draft list of projects and actions
- By October 22 – Draft #1 CR Plan



What will the Committee be working on during upcoming months?

NOVEMBER 2014

- By November 14 – Draft #2 CR Plan
- By November 14 – Public Engagement Meeting #3

DECEMBER 2014

- By December 5 – Final CR Plan

JANUARY 2015

- By January 16 – Public Engagement Meeting #4



Working Together to Build Back Better

NYRCR Town of Wallkill
Public Engagement Meeting

Public Open House

The Committee is Looking For Your
Input!

Information Resources

<http://stormrecovery.ny.gov> (Main Site) <http://stormrecovery.ny.gov/resources-0> (Plan Elements)
<http://stormrecovery.ny.gov/nycrcr/faq> (FAQs)



**THANK
YOU!!**