



NYRCR

Town of Blooming
Grove

NY Rising Community Reconstruction Program
Public Engagement Meeting #2
September 3, 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



Plan Development Process





Status of Plan

JUNE 2014

- ✓ Blooming Grove 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 30 – Public Engagement Meeting #1**



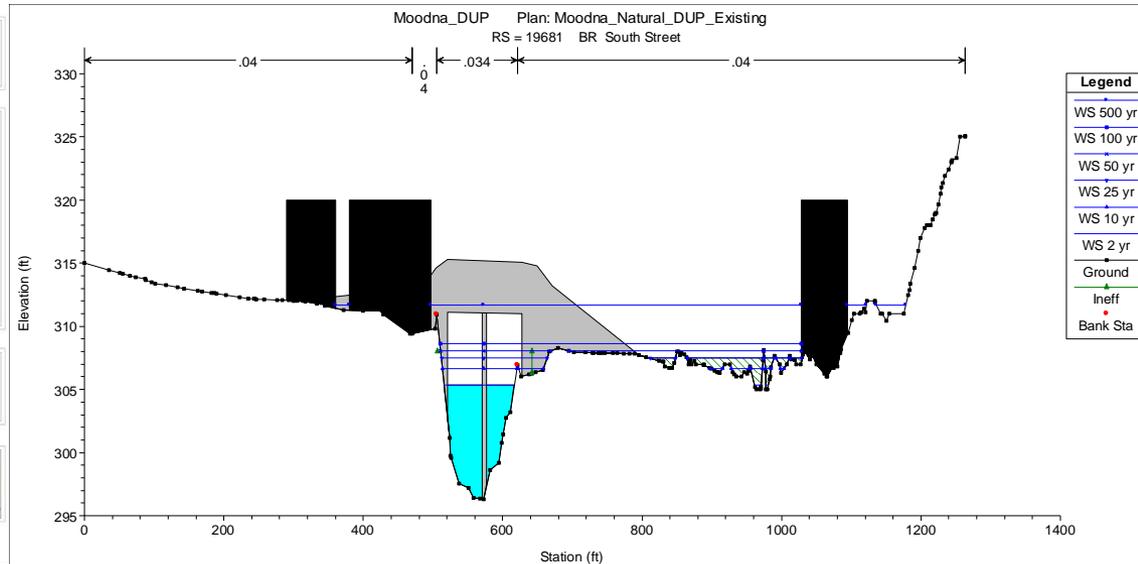
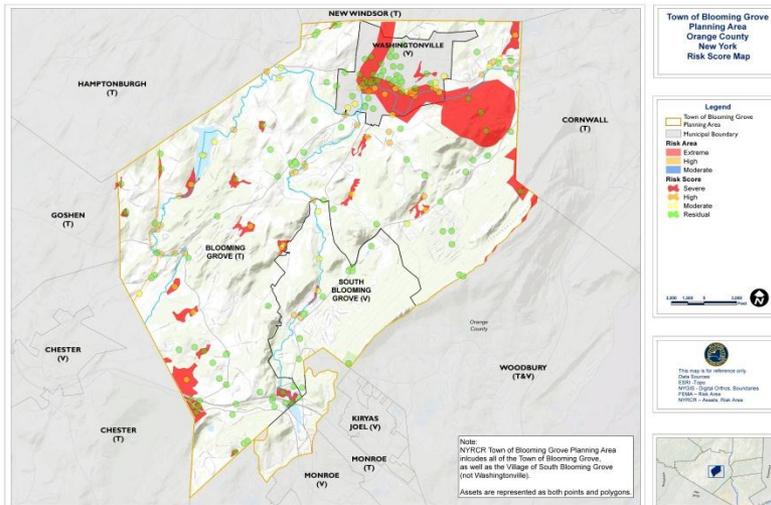
AUGUST 2014

- ✓ 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.





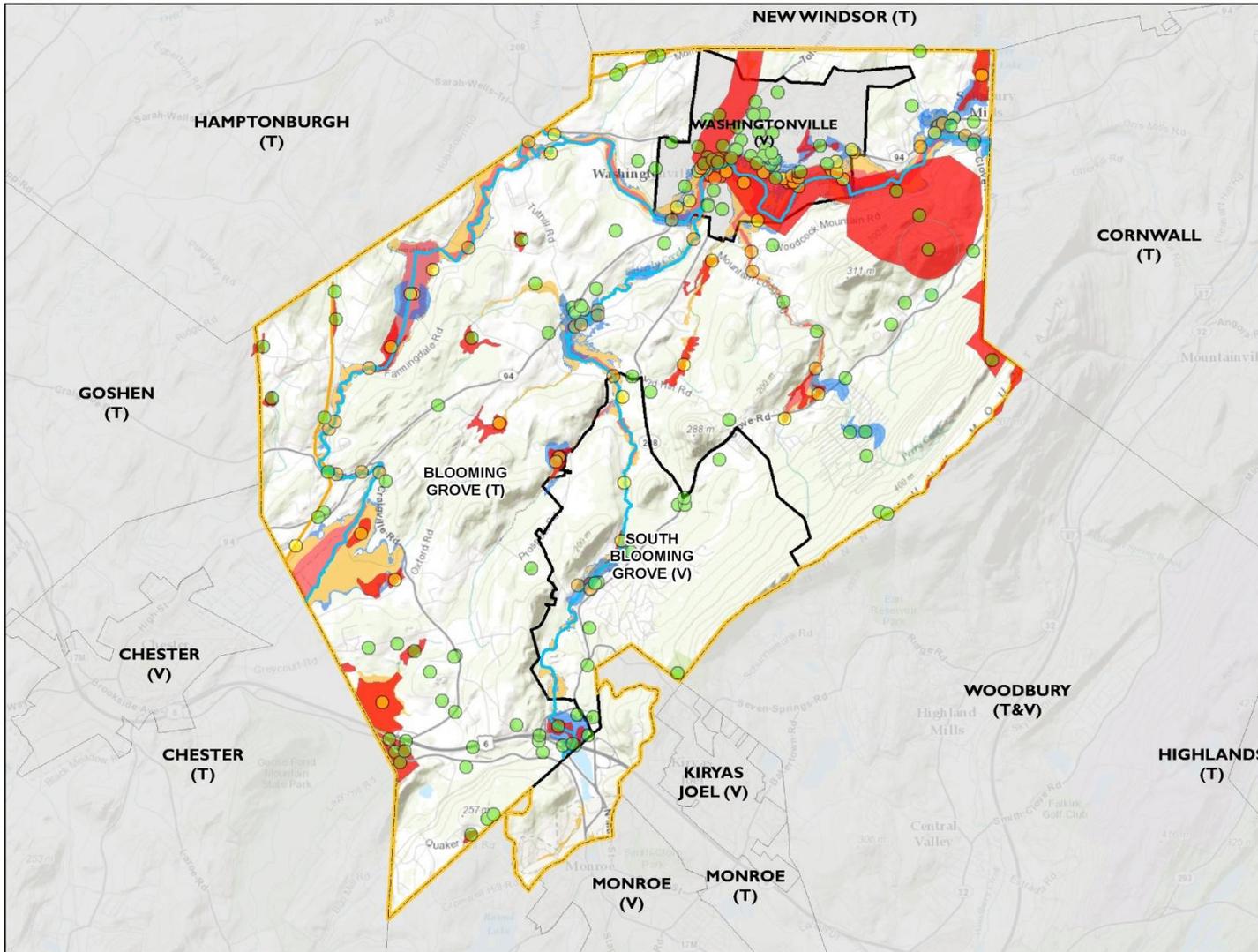
Risk Assessment Overview

- 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)



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Legend

- Town of Blooming Grove Planning Area
- Municipal Boundary

Risk Area

- Extreme
- High
- Moderate

Risk Score

- Severe
- High
- Moderate
- Residual

Note:
NYRCR Town of Blooming Grove Planning Area includes all of the Town of Blooming Grove, as well as the Village of South Blooming Grove (not Washingtonville).

Assets are represented as both points and polygons.

Data Sources:
NYS - Railroads, Waterbodies, Boundaries
FEMA - Risk Area
NYRCR - Assets, Risk Area
ESRI - Topo

1 0.5 0 1 Miles





Next Steps

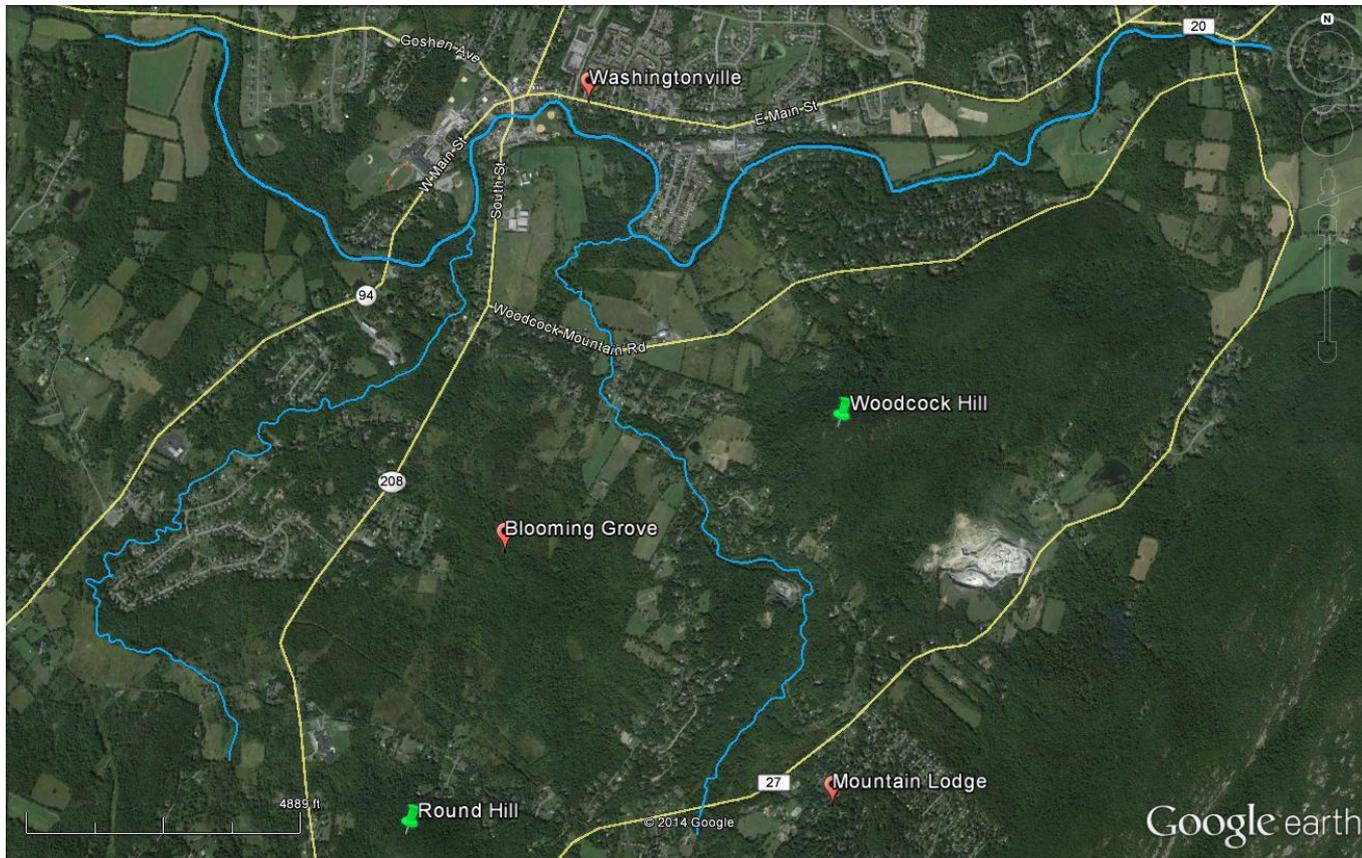
- The Committee will use the Risk Analysis, along with other tools, to support the identification and prioritization of projects. Other tools and project elements would include:
 - Funding Eligibility
 - Program Eligibility
 - Cost Benefit Analysis (CBA)
 - Public Support
 - Timeline and Regulatory Feasibility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



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Public Engagement Meeting

Hydraulic Modeling Baseline



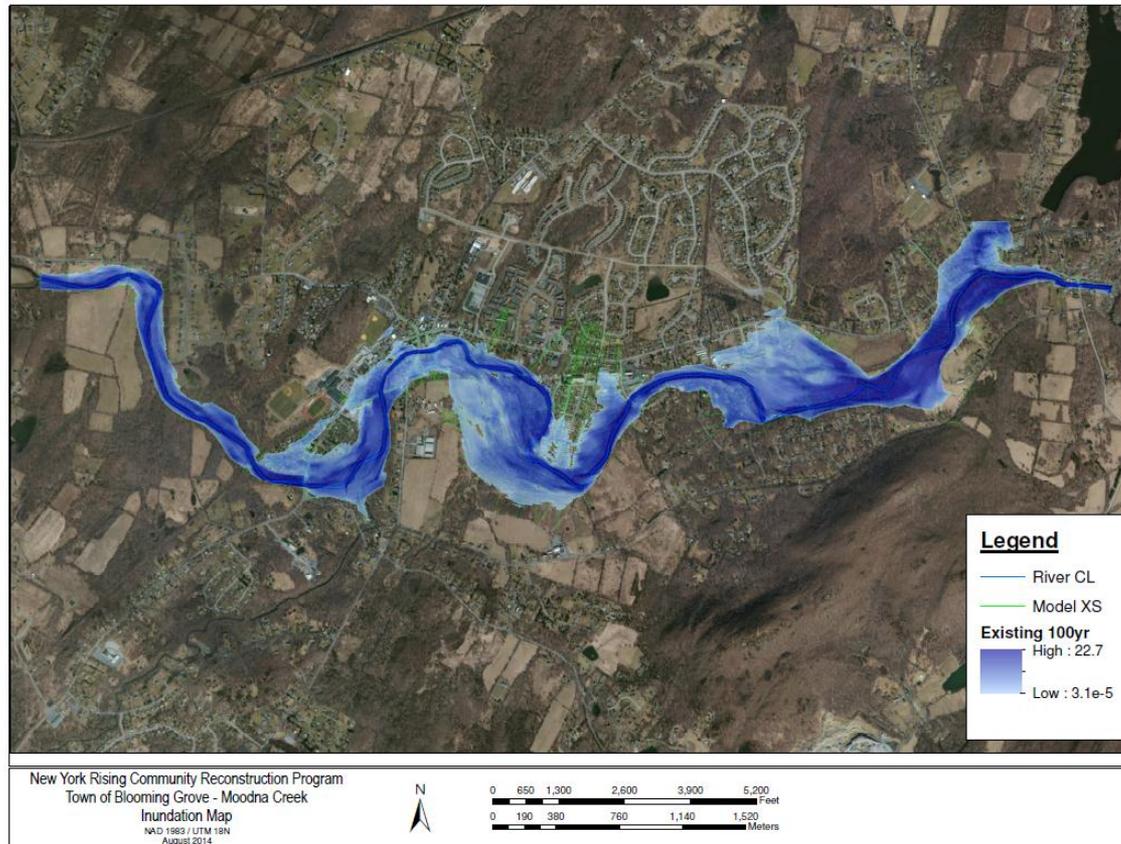


HEC-RAS Model

- 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

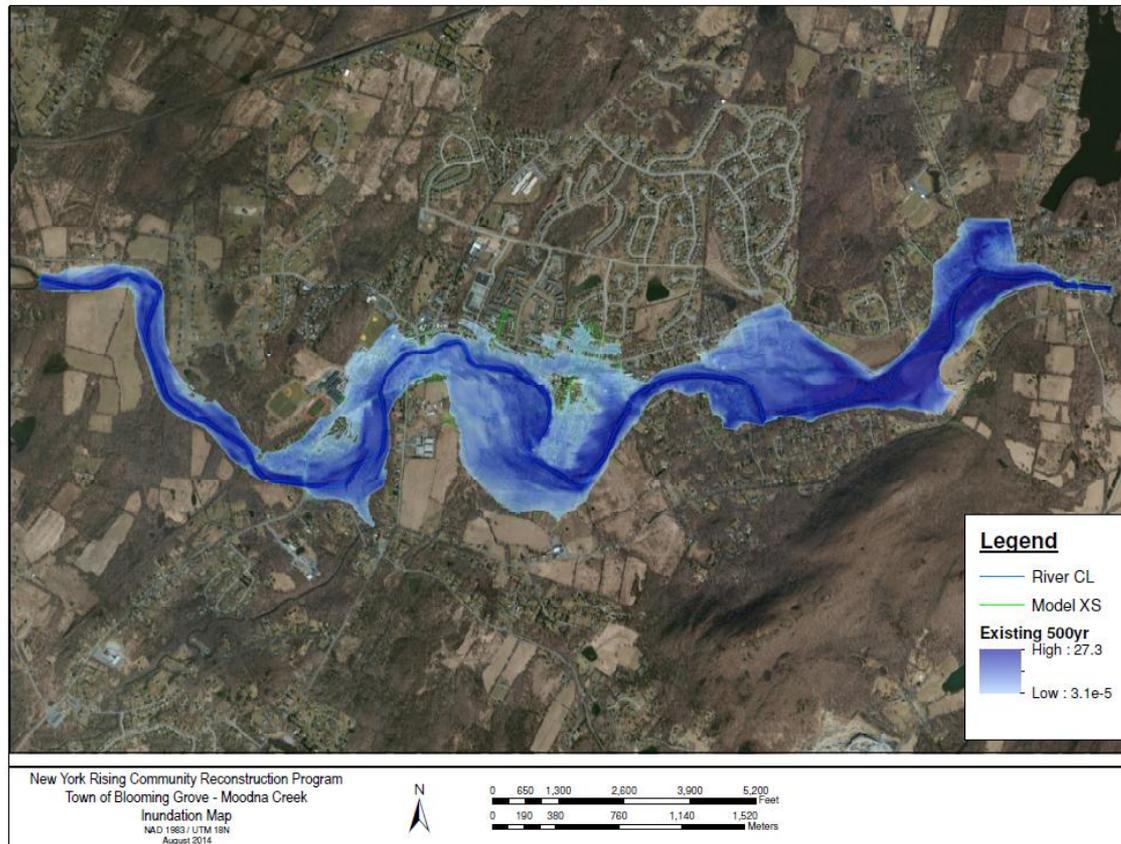


Moodna Creek – Existing Floodplain (100-year)



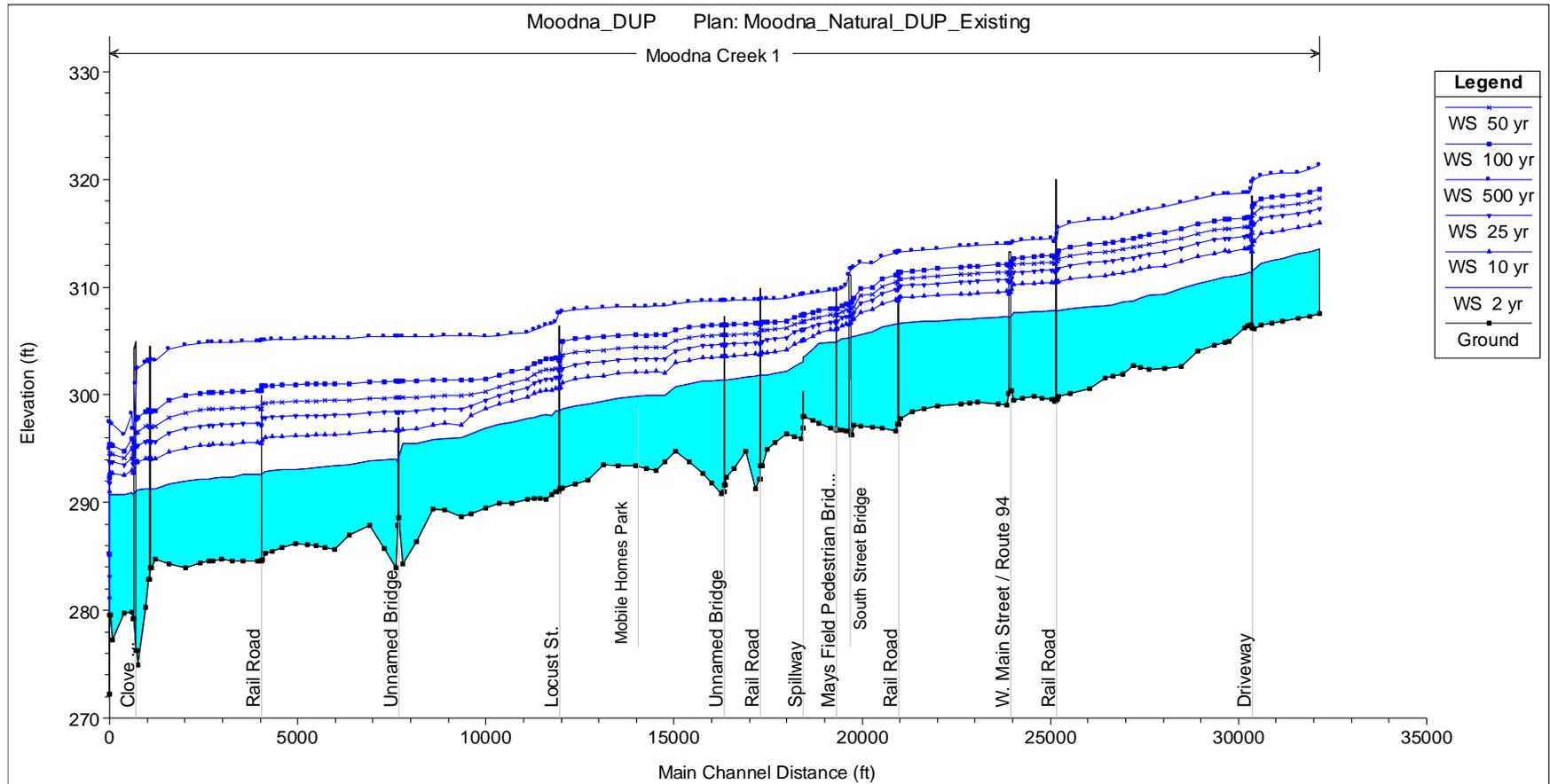


Moodna Creek – Existing Floodplain (500-year)



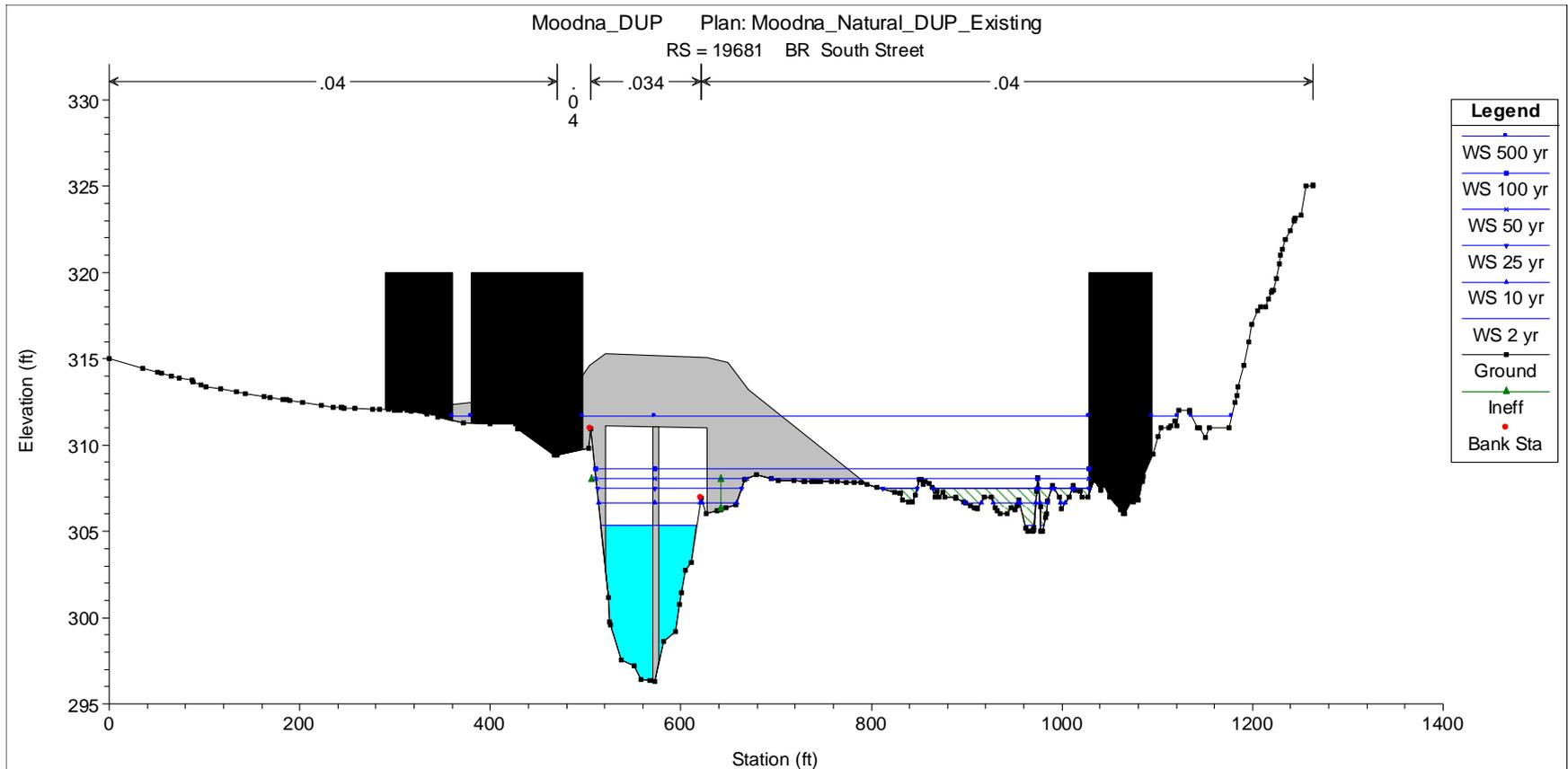


Moodna Creek (Water Surface Profile)



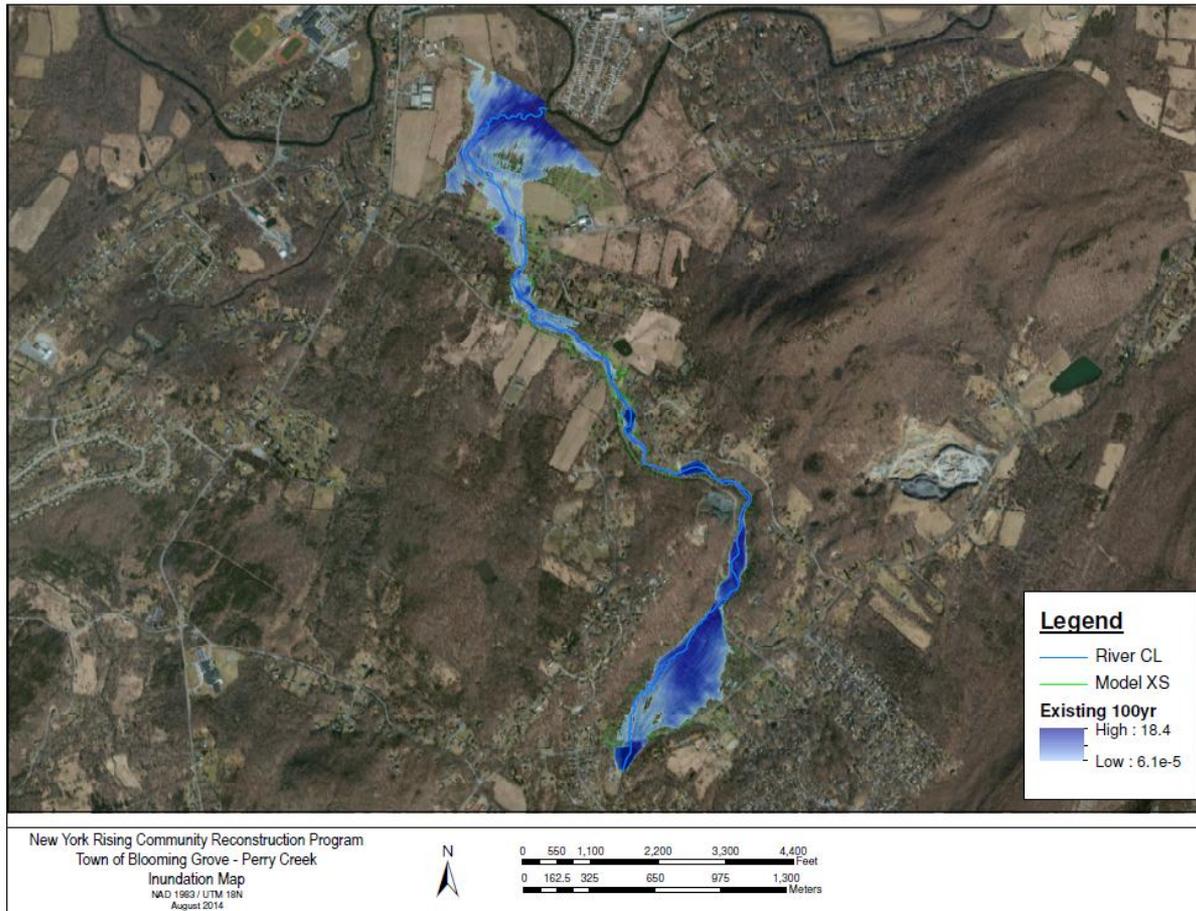


Moodna Creek – South St. Bridge (Cross Section)



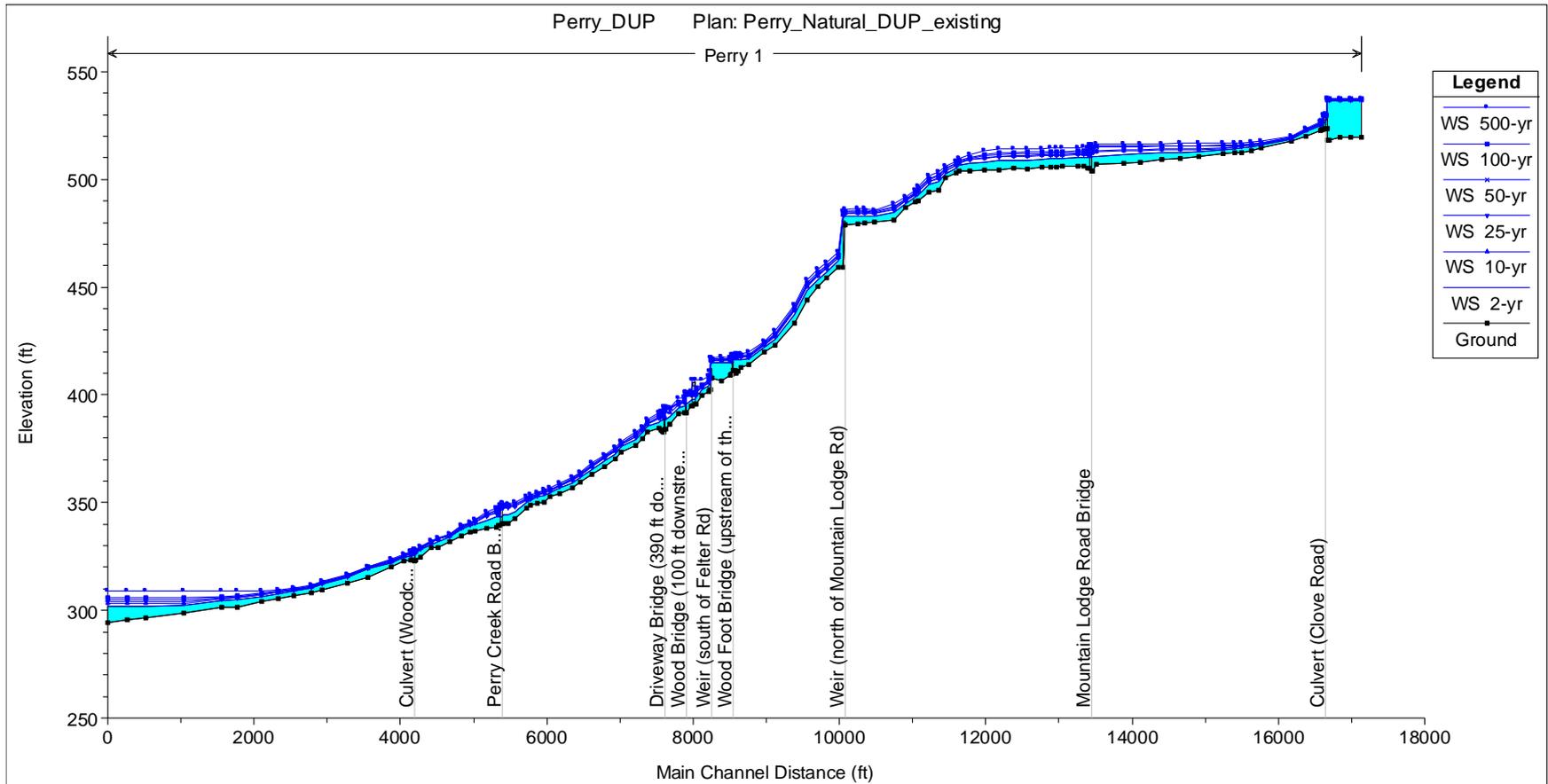


Perry Creek – Existing Floodplain (100-year)



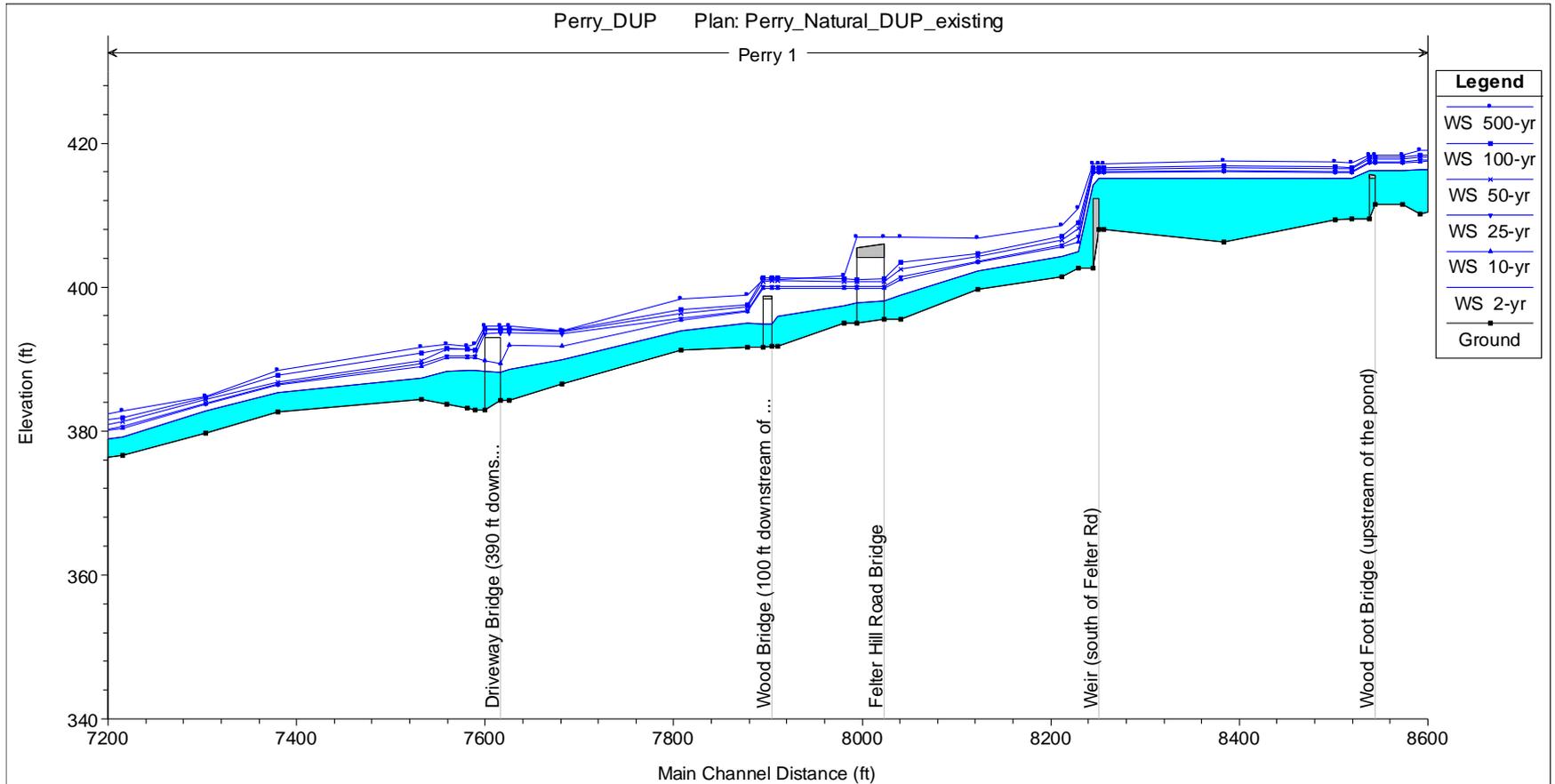


Perry Creek (Water Surface Profile)



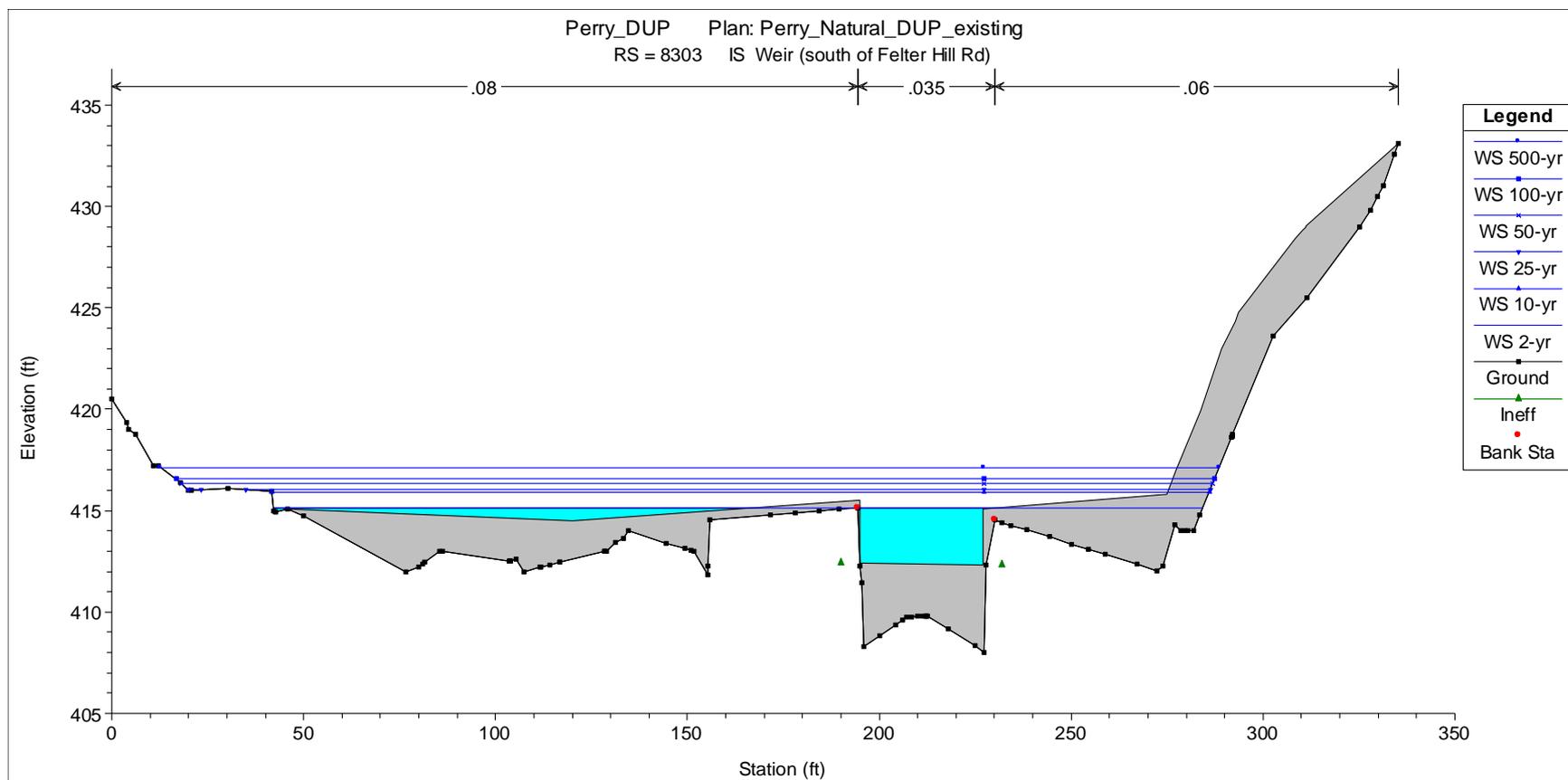


Perry Creek (Water Surface Profile)



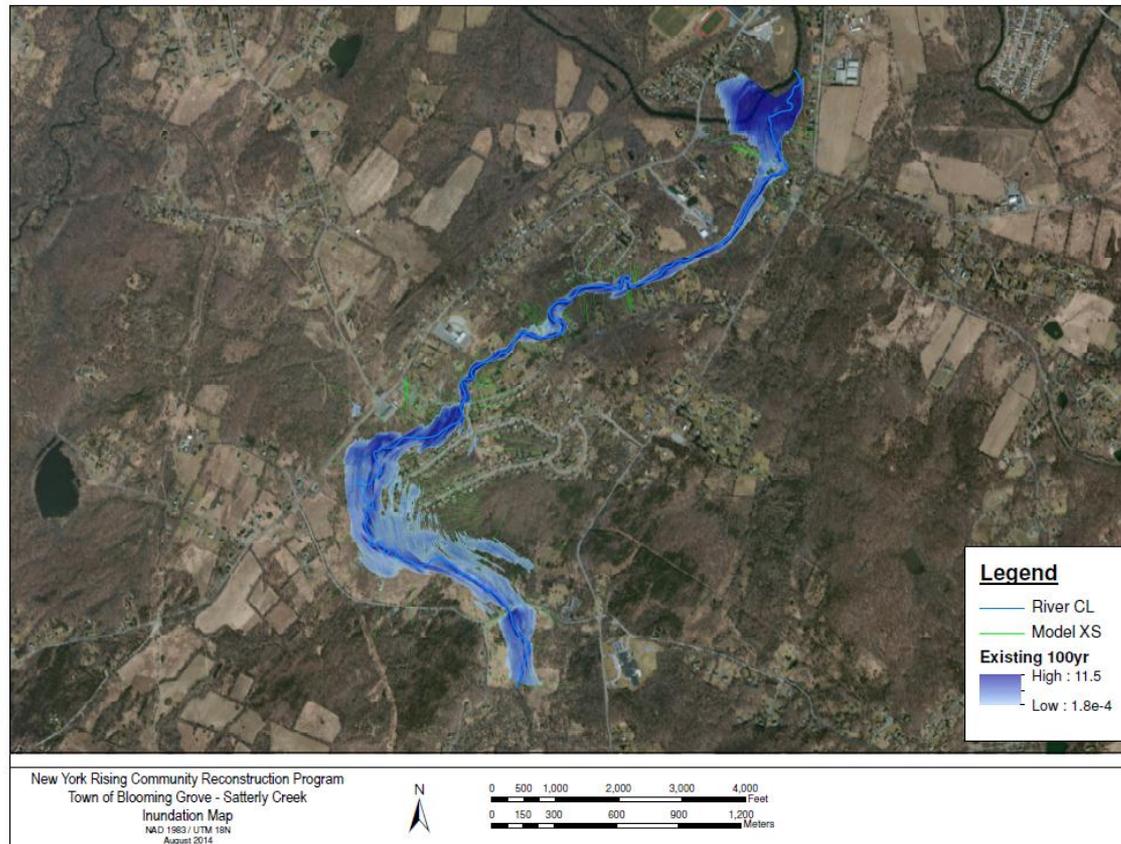


Perry Creek – Weir at Felter Hill Rd (Cross Section)



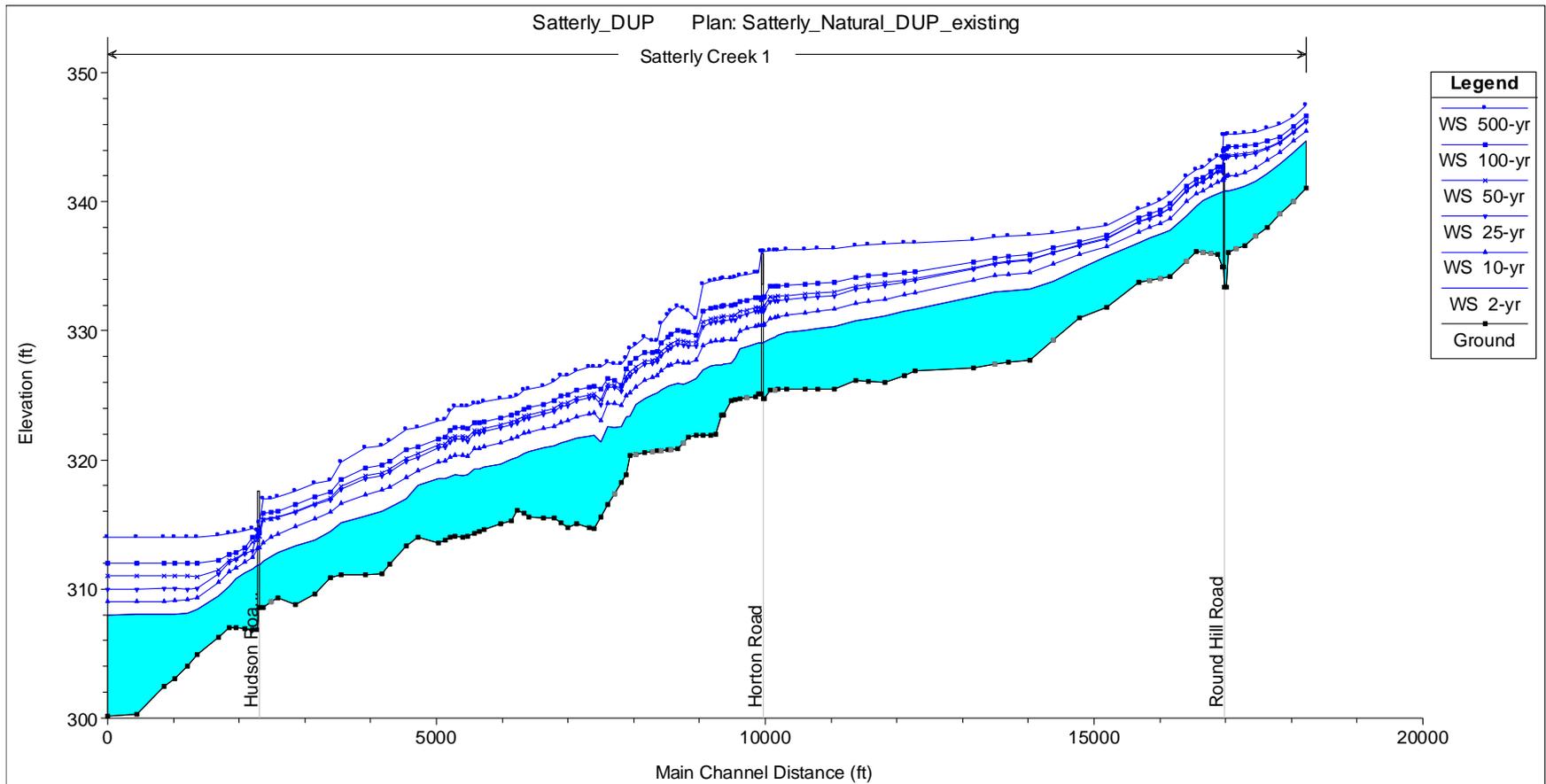


Satterly Creek – Existing Floodplain (100-year)



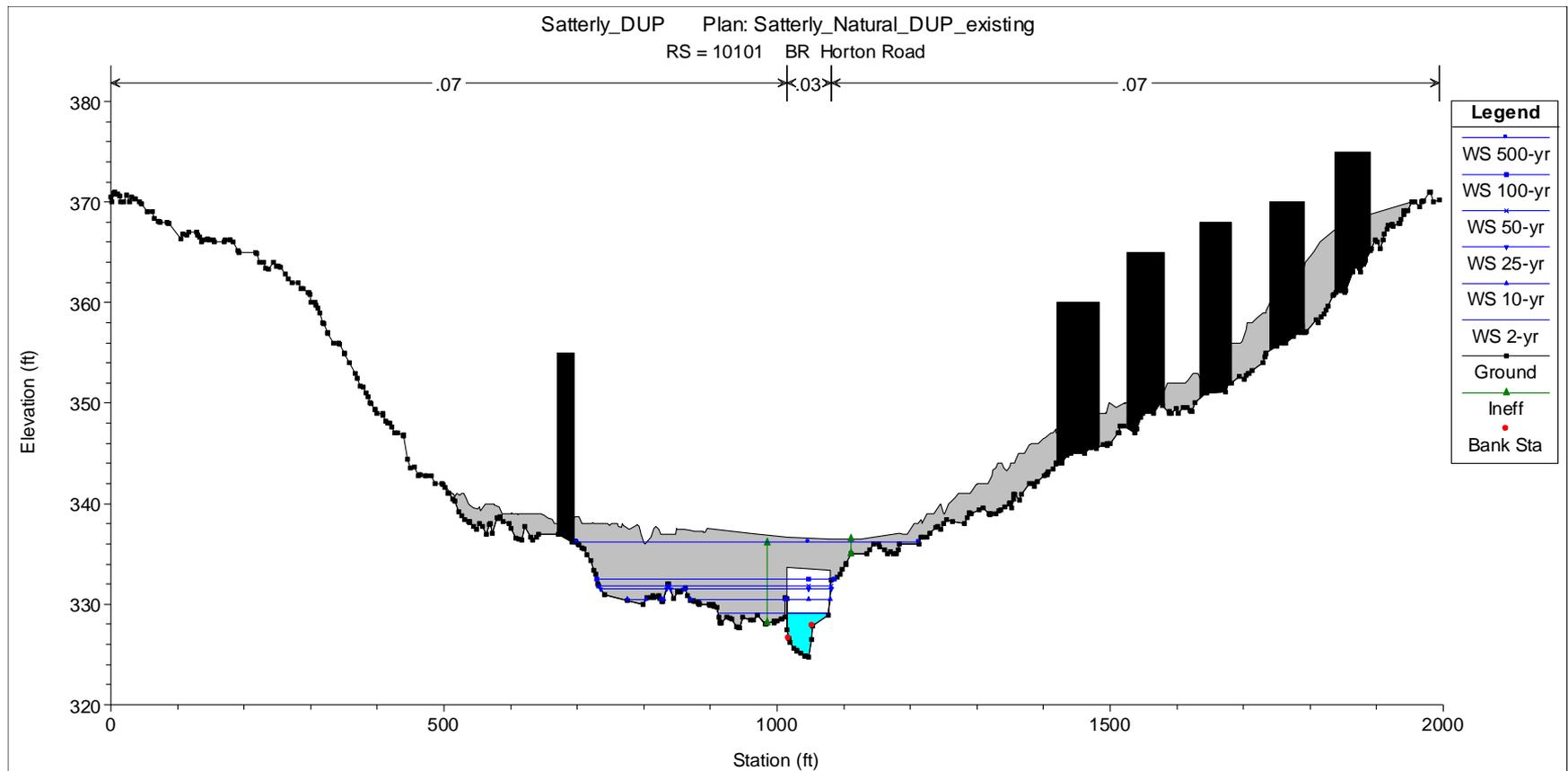


Satterly Creek (Water Surface Profile)



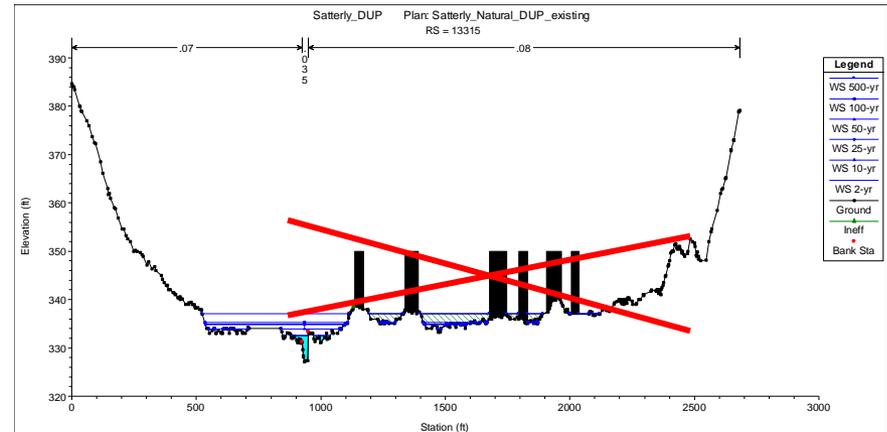
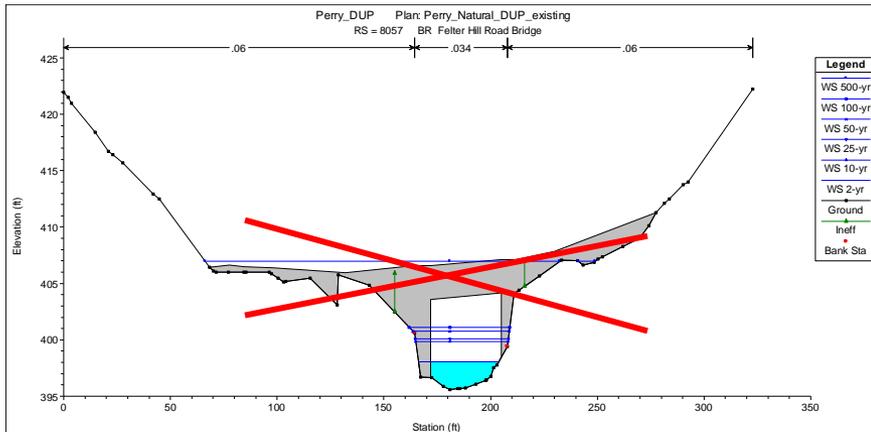
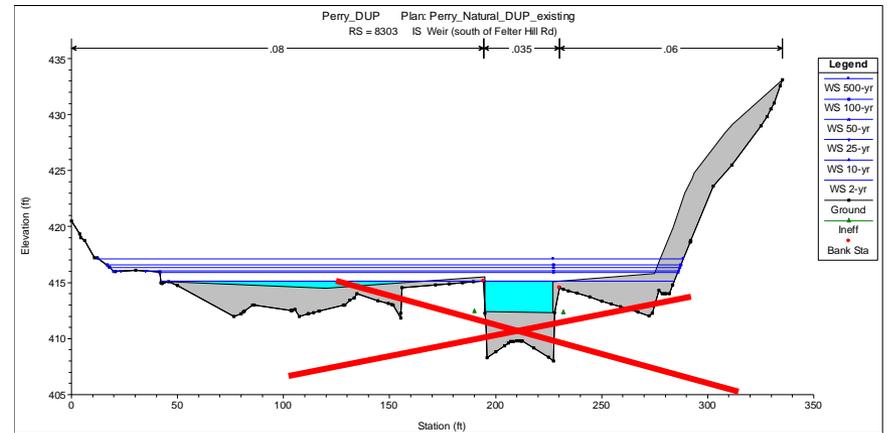
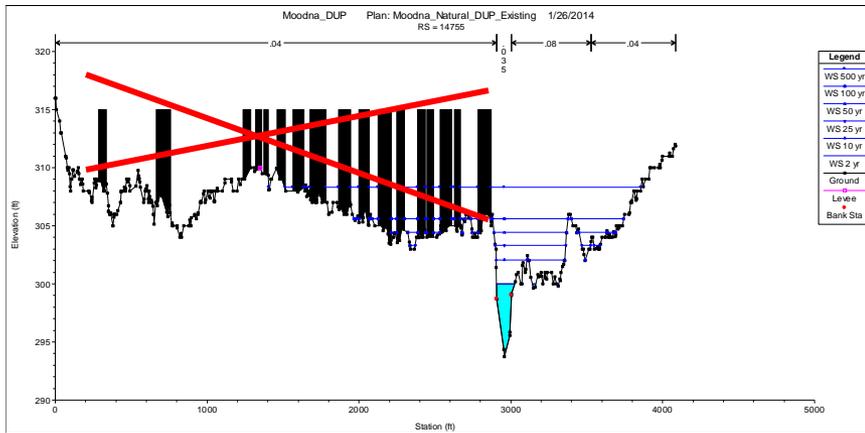


Satterly Creek – Horton Road Bridge (Cross Section)



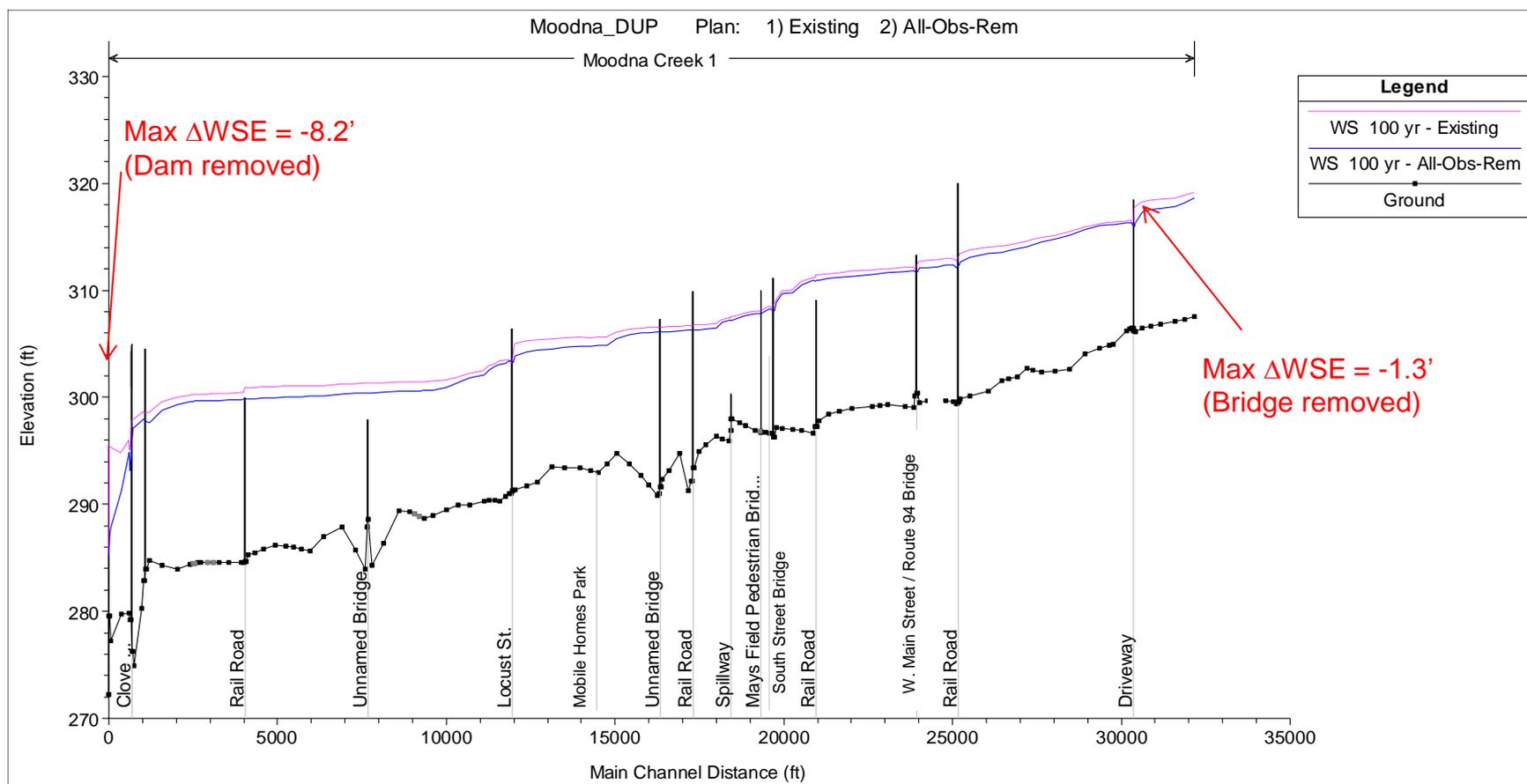


Preliminary Scenario: Remove all buildings and structures



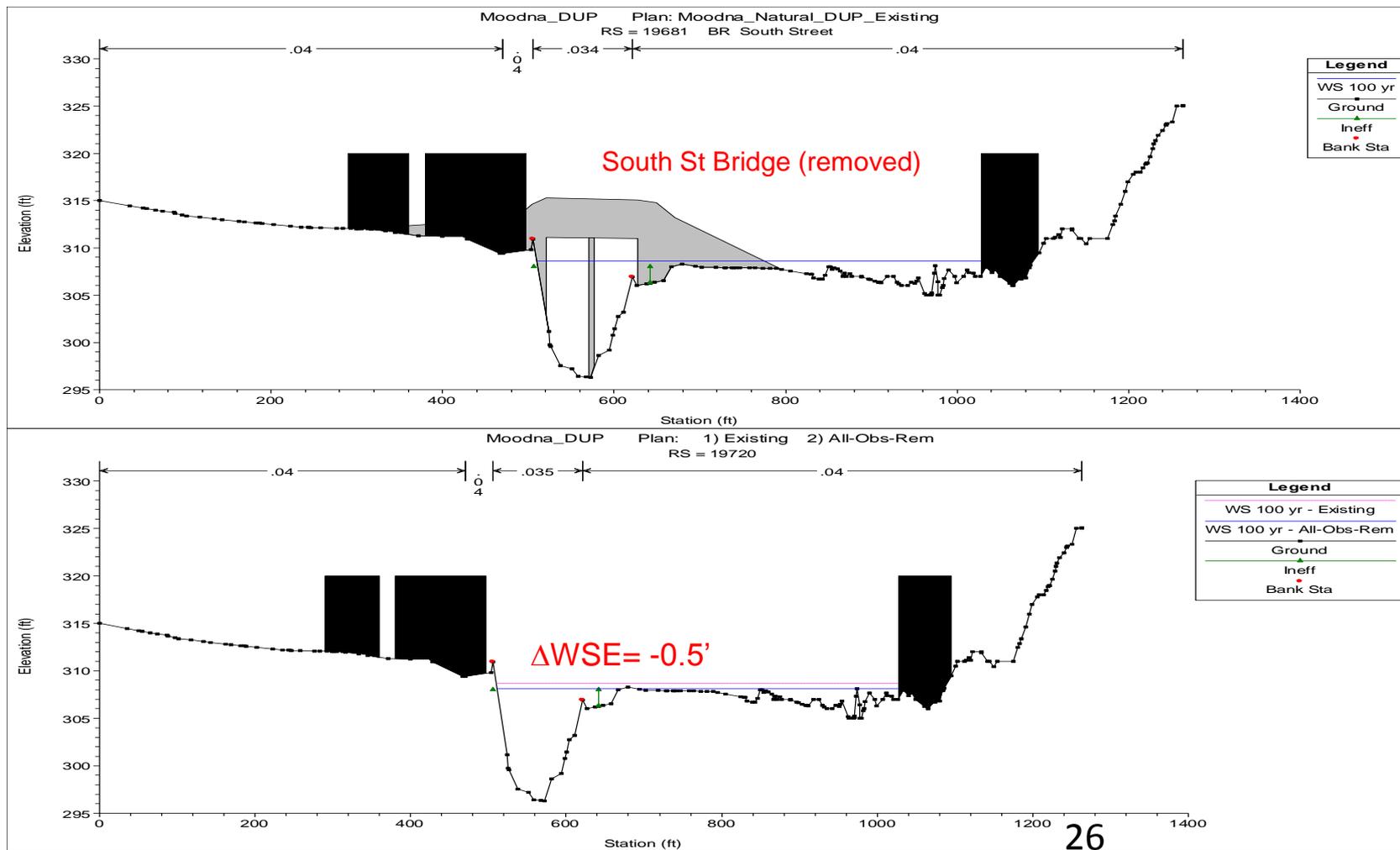


Remove All Buildings/Structures Moodna Creek (Profile)





Remove All Buildings/Structures Moodna Creek (Cross Section)





Remove All Buildings/Structures Moodna Creek (100-year Floodplain)

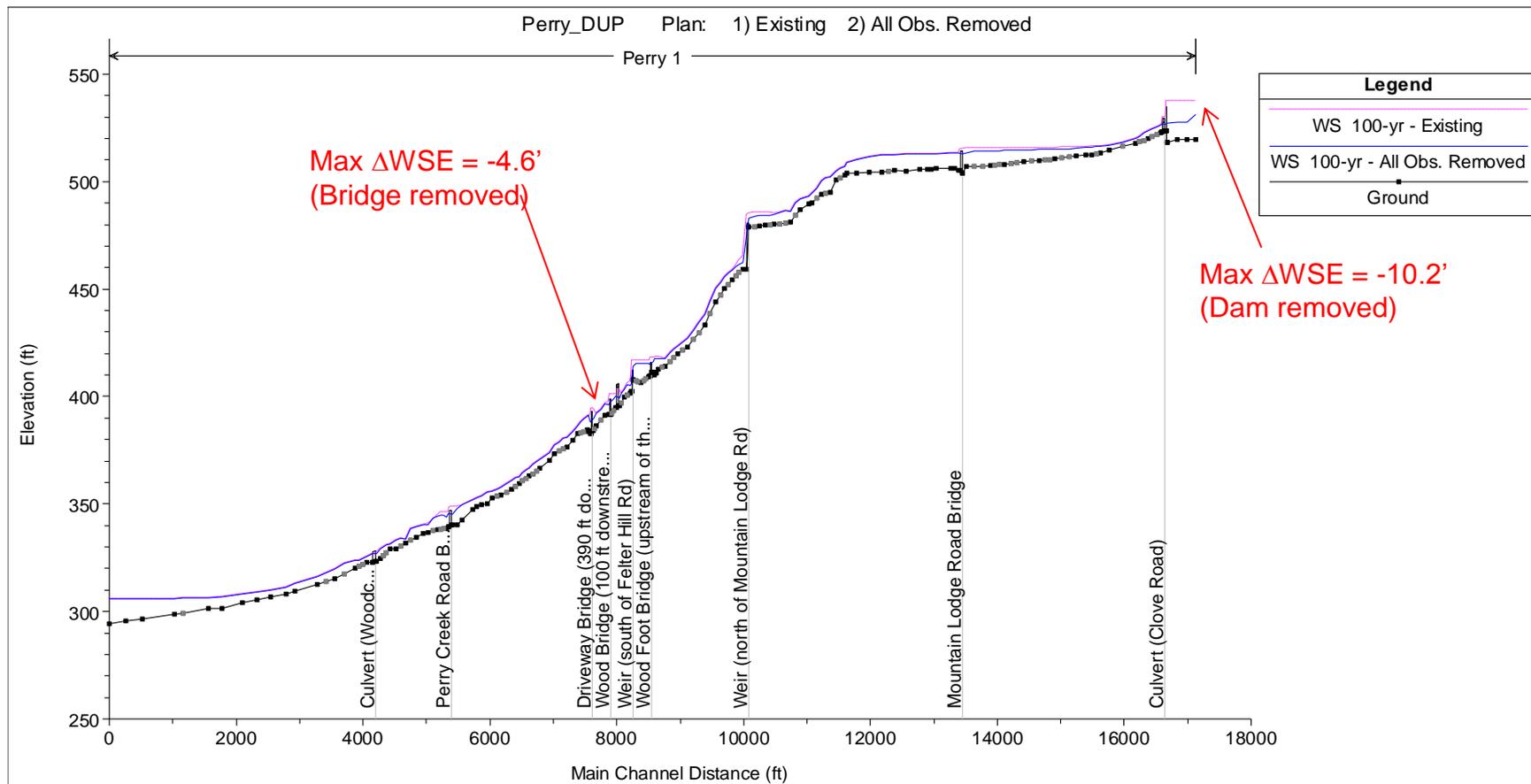


New York Rising Community Reconstruction Program
Town of Blooming Grove - Moodna Creek
All Obstructions Removed Scenario
NAD 1983 / UTM 18N
August 2014



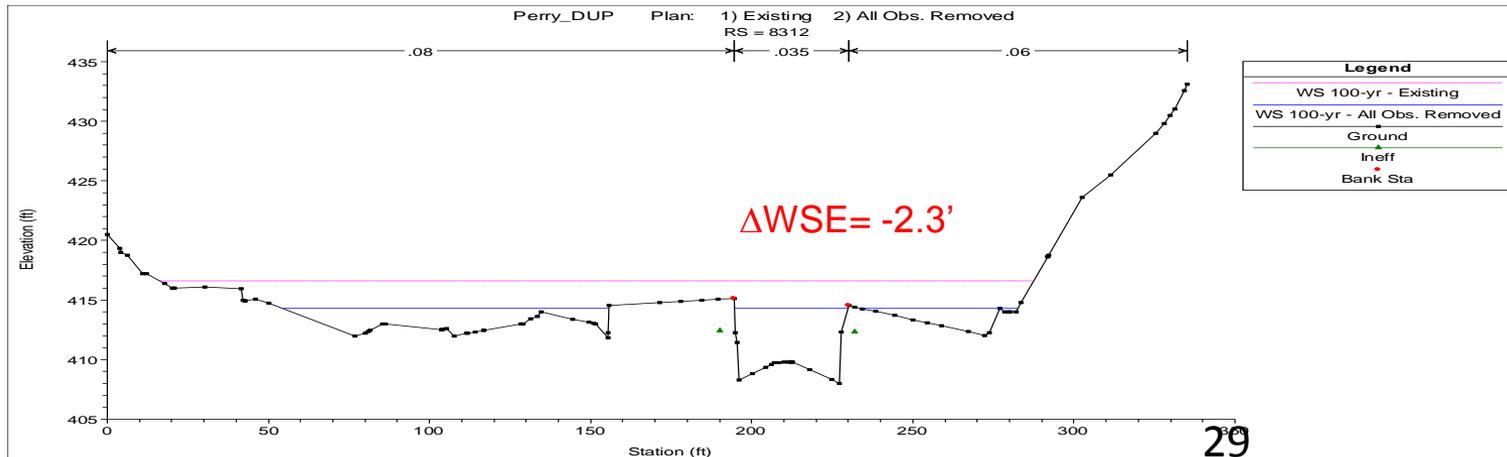
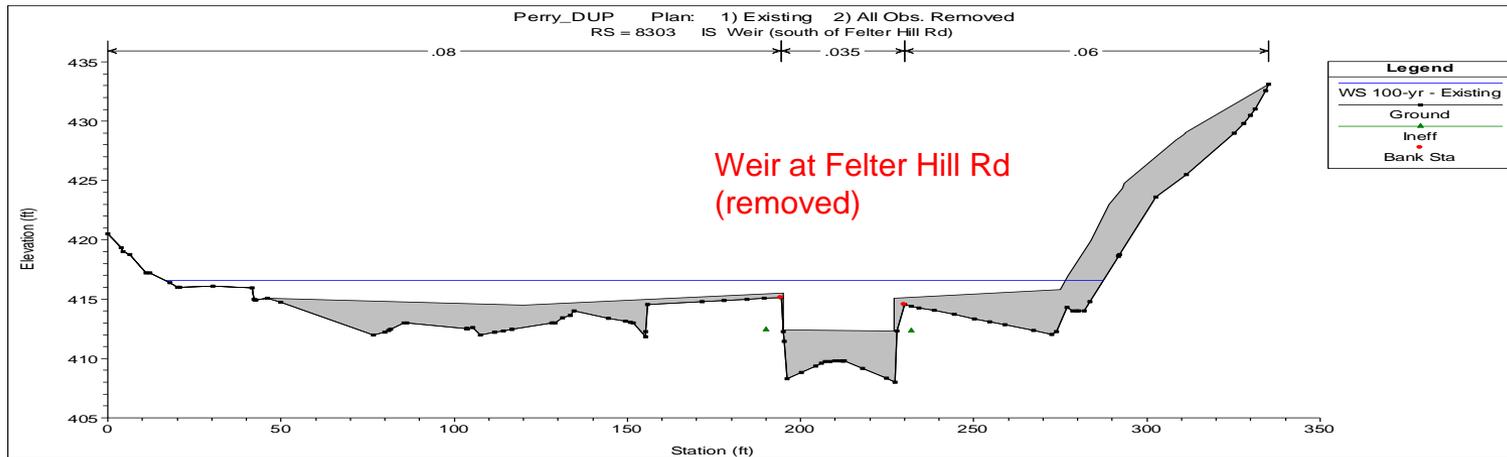


Remove All Buildings/Structures Perry Creek (Profile)



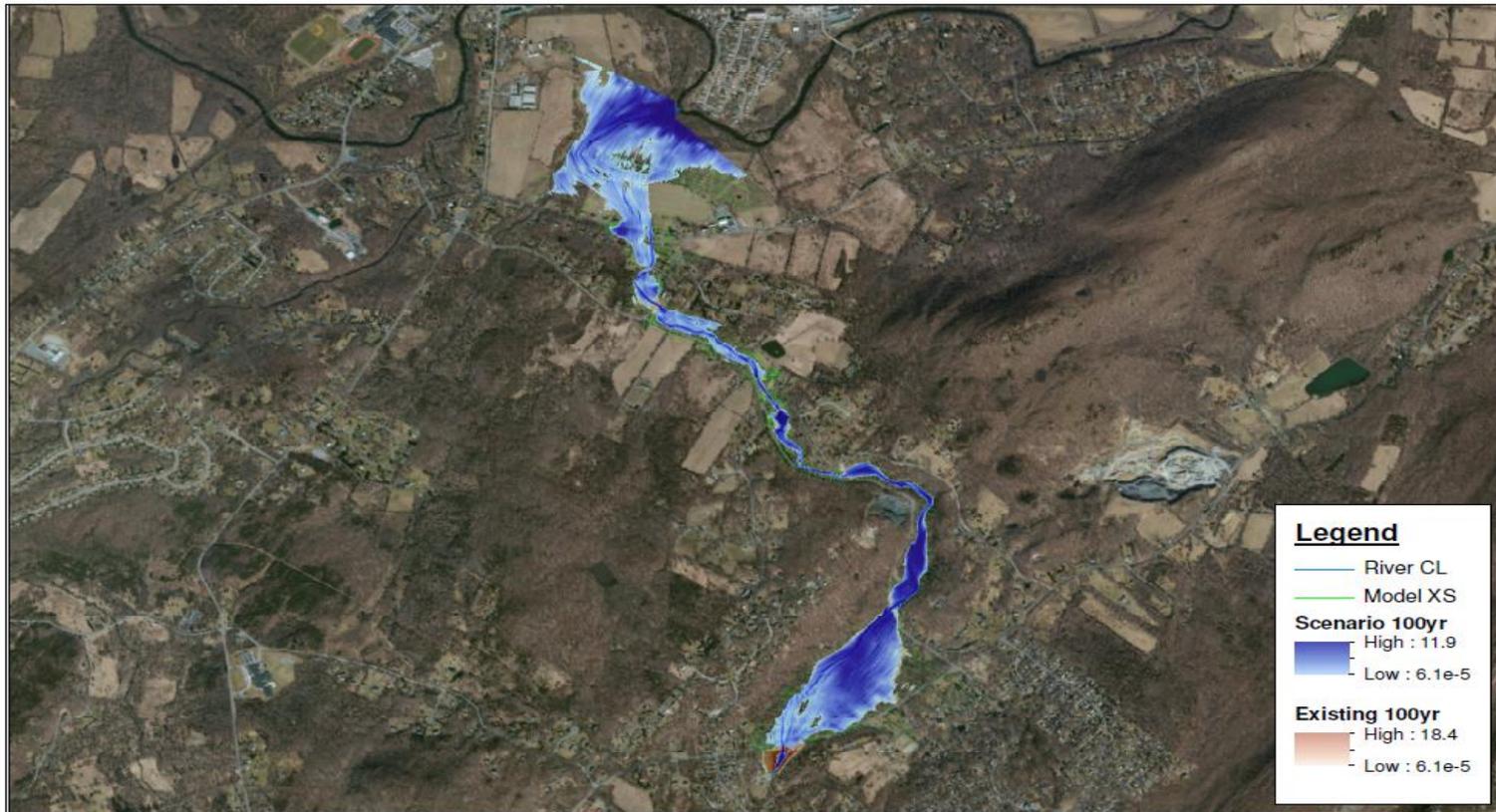


Remove All Buildings/Structures Perry Creek (Cross Section)





Remove All Buildings/Structures Perry Creek (100-year Floodplain)

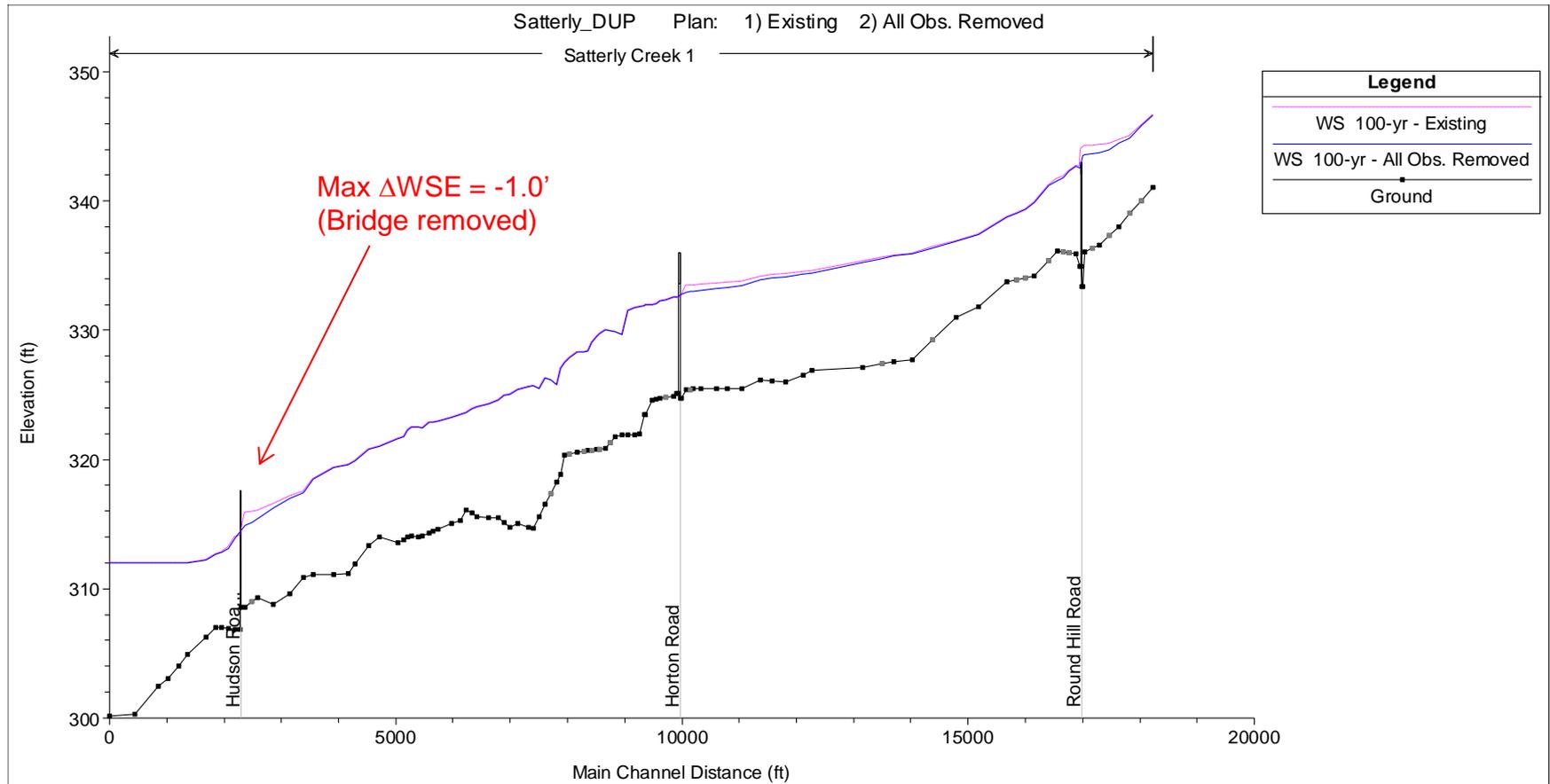


New York Rising Community Reconstruction Program
Town of Blooming Grove - Perry Creek
All Obstructions Removed Scenario
NAD 1983 / UTM 18N
August 2014





Remove All Buildings/Structures Satterly Creek (Profile)





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
- Begin developing 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



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Public Comment Period

The Committee is Looking For Your
Input!



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**NYRCR Town of Blooming Grove
Public Engagement Meeting**

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

