White Creek Rd over Little White Creek

Bridge Replacement Project
Public Meeting
April 16, 2013

Creighton Manning

Project Team

Town of Hoosick

- Louis Schmigel – Highway Superintendent
- Keith Cipperly – Town Supervisor

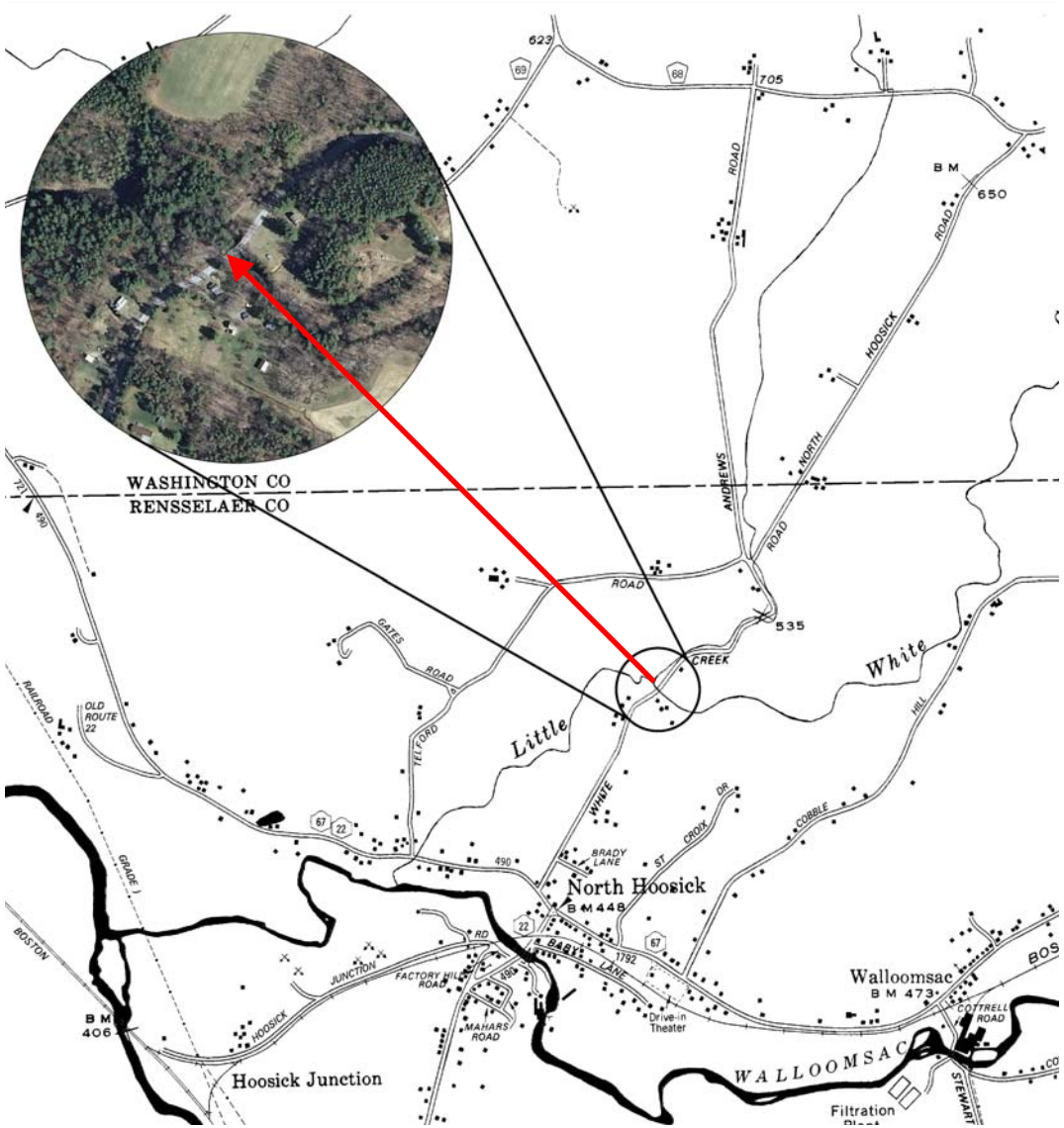
Creighton Manning Engineering, LLP

- Charles Tutunjian, PE – Project Manager
- Tom Barrell, PE – Project Engineer
- Alex Brown, IE – Assistant Project Engineer

Meeting Agenda

- Introduce the project team
- Project Overview
  - Project goals and purpose
  - Project alternatives
  - Existing conditions
  - Recommended alternative
- Next steps
- Public Questions and Comments
  - Receive public input about the project
  - Address questions the community has about the project

Project Location



Design Report

- Project Identification, Needs and Objectives
- Preliminary Alternatives - Engineering
  - Geometrics, Traffic, Safety, Drainage, Utilities, Right-of-Way, Pedestrians, Costs
- Environmental, Social and Economic Considerations
  - Environmental – Historical resources, Air Quality, Noise, Energy
  - Social - Planning, Community, Emergency Services, Social Groups
  - Economic – Local Economy, Highway related businesses, Established Business Districts
  - Indirect and Secondary Impacts
- Evaluation and Comparison of Alternatives

Project Goals

- Increase the structural capacity of the crossing
- Provide a structure with a 50-year (minimum) design life
- Improve roadway geometry

Alternatives

- Do Nothing (Null Alternative)
- Alternative 1
  - Complete Replacement on Improved Alignment
- Alternative 2
  - Superstructure Replacement

Existing Conditions

- Deteriorated bridge deck
- Deteriorated stringers
- Load posted structure

Existing Conditions

- Deteriorated Substructure
- Erosion behind wingwall
- Non-standard pipe bridge rail
- Broken bridge rail (safety hazard)

Existing Conditions

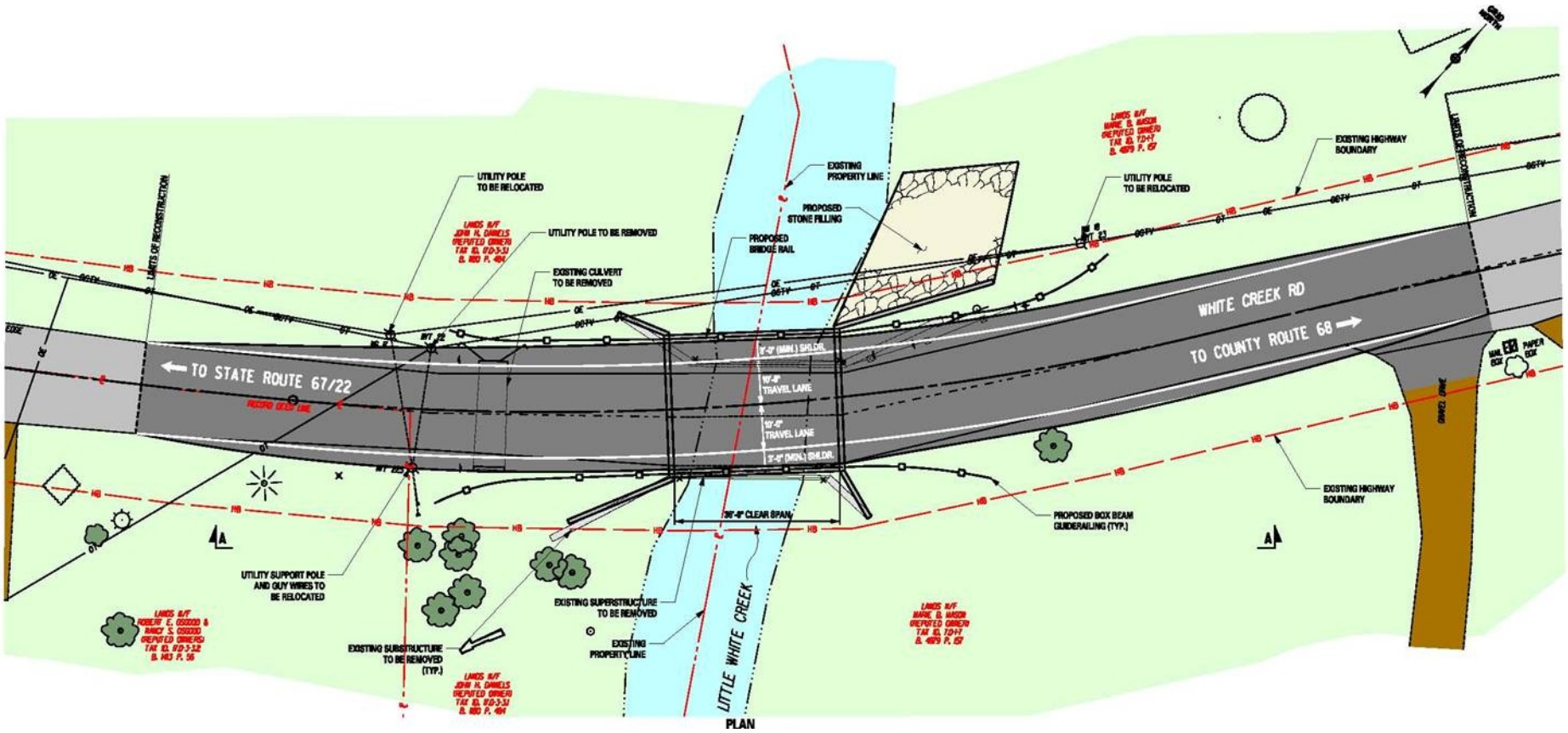
- Uneven, cracked, and patched pavement
- Substructures constrict stream

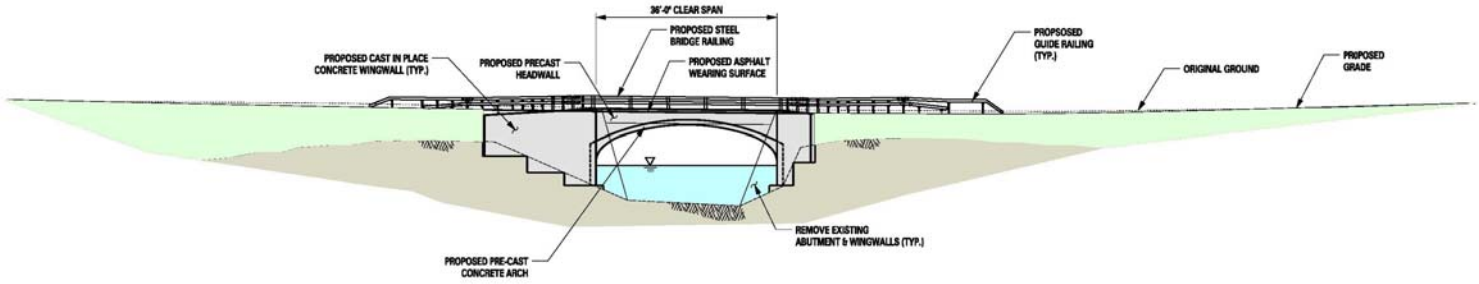
Which Alternative is Preferred?

Alternative 1 – Complete Replacement

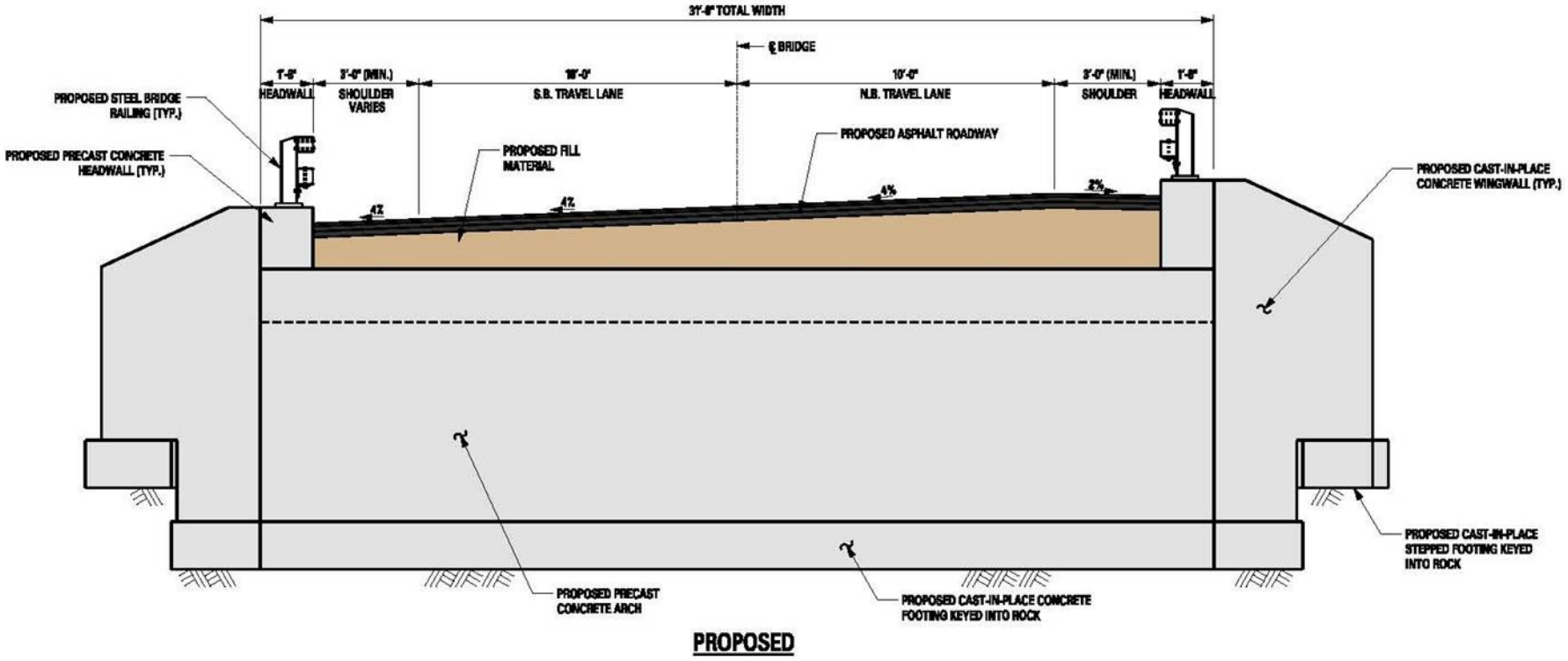
- ✓ Removes kink in road and improves roadway geometry
- ✓ 50-year design life
- ✓ No load posting

Alternative 1 – Complete Replacement





Alternative 1 – Complete Replacement



PROPOSED

Alternative 1 – Complete Replacement

- Precast Concrete Con-Span Arch Elevation

Alternative 1 – Complete Replacement

- Top of roadway view

Detour

- Project will be built in one stage
- If project were built in two stages, construction cost would be approximately 25% more
- Traffic will be detoured along Telford Rd
- Telford Rd will be ½ mile longer commute

Right of Way

- Temporary easements will be required to accommodate construction activities
- Permanent easements will be required so the town can have access to maintain the structure
- Easements will extend up to 50 ft from the edge of the existing road
- All disturbed areas will be reconstructed with topsoil and seed

Project Funding

Construction Cost:

- Approximately $850,000

Funding Breakdown:

- 80% Federal
- 20% Local
  - 15% New York State
  - 5% Town of Hoosick

Schedule / Next Steps

- Incorporate public comments into Alternatives
- Final Design Report – May 2013
- Design Approval – June 2013
- ROW Acquisitions Complete – December2013
- Detailed Design Complete – December 2013
- Advertise for Construction – February 2014
- Construction Start – May 2014

Questions?

- General comments or questions?
- Specific concerns can be addressed individually.
- You are encouraged to take a comment form and submit it tonight, via email, or regular mail.

We appreciate your time.

Thank you!