

PUBLIC INFORMATION MEETING

PIN 8755.91

Replacement of Bridge C-19

CR 14 (Hollow Road) Over the Little Wappinger Creek

Town of Clinton

Dutchess County, New York



Purpose of Meeting

- Review of existing conditions
- Discuss the project objectives
- Present alternatives considered/preferred alternative
- Review the project schedule
- Obtain public input



Project Location



Project History

- Bridge built in 1941
- Bridge was identified in need of repair or replacement in 1999
- Project is a locally administered Federal aid project (80% Federal, 20% local)
- Preliminary design authorized in 2006.
- Initial Public Information Meeting held in 2007



Existing Conditions

- Bridge has two 8'-4" travel lanes
- Bridge has two approximately 1' wide shoulders
- Bridge approach has 11' travel lanes, little to no shoulders
- Non-standard curve on western approach
- Beams & deck rated 4/7 (consider fair to poor)
- NYS issued a flag for scour in 2014



Beam Deterioration



Project Objectives

- Improve approach geometry
- Increase lane & shoulder width to current standards
- Structure capable of full legal loads for at least 30 years



Alternatives Considered

- Alternative I: Null alternative (no build)
- Alternative II: Bridge Rehabilitation
- Alternative III: Full Bridge Replacement



Alternative I – No Build

- Bridge continues to deteriorate
- Load capacity decreases
- Roadway geometry remains non-standard
- Increasing maintenance costs over time
- Eventual closing of structure
- Does not meet project needs



Alternative II – Rehabilitate Existing Structure

- Alternative would provide for repairs to the deficient elements of the existing structure
- Not economically and technically feasible to rehabilitate.
- Roadway geometry remains unchanged
- Does not meet project needs



Alternative III – Full Bridge Replacement

- Remove & Replace the existing bridge
- Improve existing roadway geometry
- Several alignments considered



Alternative III – Options Considered

Option A

- Build new bridge in same location
- Increase lane width to 12'
- Increase shoulders to 4'
- Minor improvements to road geometry
- Detour required
- Minimizes construction disturbance
- Minimizes Right of Way impacts



Alternative III – Options Considered

Option B

- Build new bridge on new alignment to the south
- Meet all current standards
- Large construction disturbance
- Large Right of Way impacts



Alternative III – Options Considered

Options C/D

- Build new bridge on new alignment to the south
- Maintain traffic on a portion of the bridge during construction (stage construction)
- Large construction disturbance
- Large Right of Way impacts
- Longer & more expensive to construct

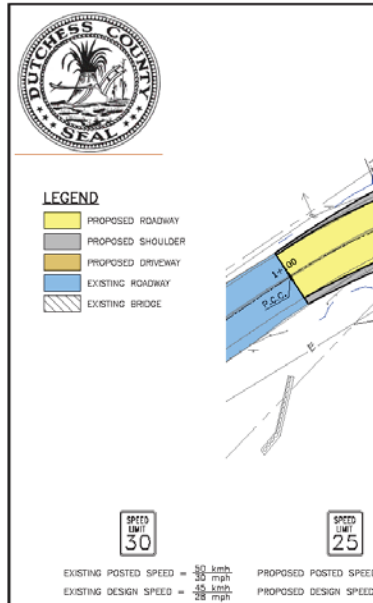


Preferred Alternative

- Alternative III – Full Bridge Replacement addresses all project needs
- Alignment option A improves western approach while minimizing disturbances and Right-Of-Way impacts



Alternative III.A.



Project Overview

- New bridge on improved alignment
- Two 12' travel lanes with two 4' shoulders
- Precast 3-sided structure proposed
- Stone parapet walls on new structure
- Requires FEE acquisition from 8 properties/7 owners



Non-Standard Features

- Horizontal curve is improved, but does not meet current standards
- Achieving standard curve radius would create substantial construction and property impacts
- Warning signs for curve to be installed
- Proposed 4' shoulder width does not meet 8' standard
- Abutting road has no shoulders, 4' limits impacts while increasing pedestrian & vehicle safety



Environmental/Historic Impacts

- SEQR Type II, replacing existing structure in same location.
- No state wetlands at project site.
- No habitat for endangered species at site.
- ACOE & FWS require winter cutting of trees for Northern Long-Eared bat.
- “No adverse impact” on historic resources per SHPO.



Project Cost

- Bridge: \$850,000
- Highway: \$520,000
- Contingency (25%): \$342,000
- **TOTAL: \$1.37m - \$1.71m**



Project Timeline

- Design Approval – Spring 2015
- Complete design – Spring 2016
- Complete ROW – Spring 2016
- Solicit Bids – Fall 2016
- Begin Construction – April/May 2017
- Complete Construction – Sept/Oct 2017



General Comments & Questions



Comments & Concerns

- Please submit comments by March 6th
- Email: mdutcavich@dutchessny.gov
- Phone: 845-486-2925
- Address: Matt Dutcavich, P.E.

626 Dutchess Turnpike

Poughkeepsie, New York 12603

