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## American Recovery and Reinvestment Act 2009

**Project Description: Superstructure replacement of Bridge No. 01256 carrying Rte. 89 over the Mount Hope River in Ashford**

**Project No. 03-109**



### Project Scope:

This project involves the superstructure replacement of Bridge No. 01256 carrying Rte, 89 over the Mount Hope River in Ashford. The existing superstructure is a cast-in-place concrete tee-beam with a monolithic deck with diagonal cracking and exposed reinforcing steel. The bridge superstructure is rated 4 (poor condition). The replacement superstructure will be galvanized steel beams that will not need future painting and will protect the fragile river environment. The concrete approach barrier walls and guide rail will be placed at all four corners to protect steeply sloping banks. The substructure will be repaired to prolong the service life of the bridge.

### Financial Sources (Construction only):

- \$792,346.00 Contractor's Bid
- 100% Federal ARRA funding

### Timeline:

- Awarded: May 12, 2009
- Start Date: July 3, 2009
- Forecasted Completion: August 3, 2010



### Challenges and Risks:

The reconstruction of the Bridge must be accomplished in two stages to maintain traffic. One 11-foot lane, of alternating one way traffic, will be maintained with stop signs for the duration of the work. Local traffic will have to adjust to this condition for the project. The galvanized structural steel may have an extended lead time.

### Outlook:

Stage 1 work is continuing with Barrier Wall and Structural Steel to be installed this year. The remaining Stage 1 work will include the bridge deck, parapet and approach slab installations, which will begin April 1<sup>st</sup> and will take approximately 4 to 6 weeks to complete. Stage 2 will be started immediately after Stage 1 completion, sometime in the month of May 2010.

### Recent Activity:

Stage 1 abutment work is complete, with the barrier walls and structural steel scheduled to be completed this year.