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American Recovery and Reinvestment Act 2009

Project Description: Superstructure Replacement of Bridge No. 00445, carrying U. S. Rte. 5 over I-91 in the Town of Enfield

Project No. 48-188



Elevation View Rte. 5 Bridge over I-91 in Enfield



View of the superstructure from under the bridge

Project Scope:

Superstructure Replacement of Br. 00445 Carrying US Rte. 5 over I-91 in the Town of Enfield. The existing bridge deck is rated poor and the superstructure has collision damage because of its substandard clearance.

The bridge superstructure will be replaced with a two-span continuous high performance, weathering steel superstructure to allow shallower beams to gain minimum vertical under clearance for I-91 of 16'.

Financial Sources (Construction only):

- \$4,675,969 Contractor's Bid
- 100% Federal ARRA funding

Timeline:

- Awarded: May 5, 2009
- Start Date: June 22, 2009
- Forecasted Completion: August 11, 2011



Challenges and Risks:

Utility relocation work must be coordinated with Contractor's schedule.

Risk- Factor's beyond Department's control – Utility work and Contractor's resources/planning.
Construction of Deck before winter depends on timely delivery of the steel beams.

Outlook:

Contract work is on schedule , steel beams are expected to arrive first week of December and they plan to install them from December 3rd to 7th .This will be followed by Water main and AT&T conduits installation on the bridge. Work will commence late March to start the forming of deck ,installation of deformed steel bars and pouring of concrete for deck and parapets.

We are on schedule to complete the project on time.

Recent Activity:

Contractor has completed the removal of superstructure , reconstructed the Pier , Abutments , Wing walls , Installed pervious structure backfill , Installed temporary earth retaining system and installed 2" crushed stone on the slopes .