



# New Haven

## TH 2 Bridge 10

### New Haven – BRF 0183(1)

**Project Location: Town of New Haven in Addison County on TH 2 over the New Haven River. The bridge is located approximately 1 mile east of the intersection of River Road and US Route 7.**

#### PROJECT MILESTONES

- Preliminary Plans  
Winter 2013
- Permitting  
Summer/Fall 2013
- Final Design  
Winter/Spring 2014
- Right-of-Way Complete  
Summer 2014
- Bid Advertisement  
Winter 2015
- Contract Award  
Fall 2015
- Target Construction Schedule  
Summer 2016

The New Haven TH 2 Bridge 10 project will replace the existing bridge, which has a sub-standard width and is in poor condition, with a new bridge that meets current design standards. The existing New Haven TH 2 Bridge 10 is a three span, two lane structure constructed in 1934. The 170-foot long bridge is comprised of three spans (54-74-54) and is 20-feet wide between the existing curbs. The bridge superstructure (deck and steel beams) components are in poor condition. There are areas of spalling and chipping on the fascias and underside of the concrete deck. The substructures are in poor condition with spalling visible at the piers. The entire bridge structure is in need of replacement.

VTrans evaluated alternatives for replacement of Lincoln TH 2 Bridge 10 in an engineering study completed in the spring of 2012. The alternatives addressed the proposed design criteria for bridge and roadway alignment, right of way impacts, hydraulics, historical and archaeological resources, and environmental resources.

The new bridge will be a curved steel girder bridge with both precast and cast-in-place elements. The new bridge will be 167.02-feet long and 29.5-feet wide. The bridge will be a two span structure with a single drilled shaft pier. The removal of the two existing piers will reduce long term maintenance needs and improve hydraulics. The new bridge will feature widened shoulders to accommodate bicycles, pedestrians, and snow mobiles and will include crash tested railing along the span and at the approaches.

The bridge will be constructed with Accelerated Bridge Construction methods, which expedites construction and reduces disturbance to the traveling public. There will be a 75-day bridge closure for demolition of the existing structure and installation of new substructures, superstructure, and associated approach roadway construction.



*Existing Bridge Structure*



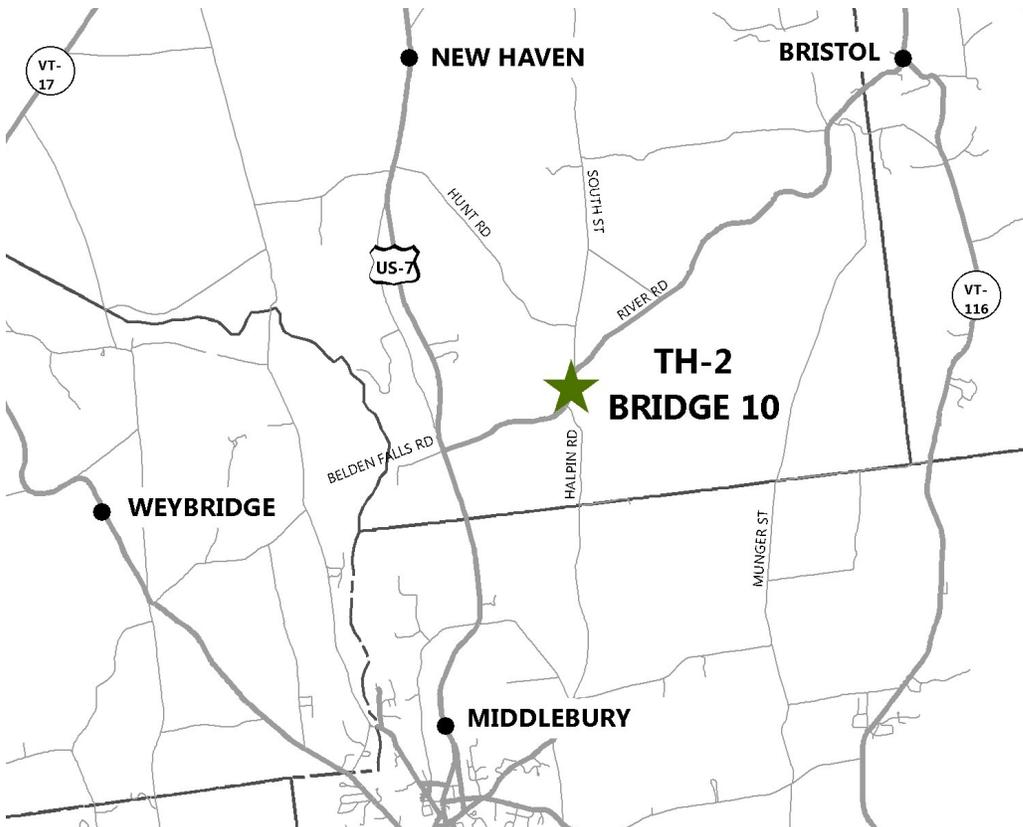
**Target Construction Schedule:** Construction activities will take place beginning in April 2016. The allowable bridge closure period is a single 75-calendar day closure period between June 11, 2016 and August 28, 2016. The contract is scheduled to be completed by October 14, 2016.

**Contractor:** The Contractor for New Haven TH 2 Bridge 10 is CCS Constructors, Inc.

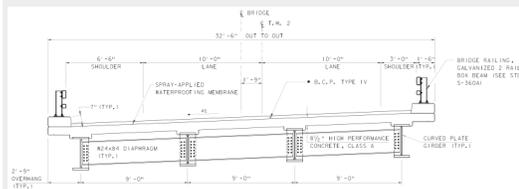
**Cost:** The contract amount for the project is \$3,462,671.00.

**VTrans Project Manager:** Todd Sumner, P.E.

**Resident Engineer:** Bob Suckert



Bridge Location Map



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