



# Bristol

## VT 116 Bridge 6

### PROJECT MILESTONES

Preliminary Plans

Fall 2012

Permitting

Summer 2013

Final Design

Spring 2014

Right-of-Way Complete

Spring 2014

Bid Opening

January 9th, 2015

Contractor

S.D. Ireland

Construction Schedule

Spring and Summer 2015

### Bristol Bridge 6 – BRF 021-1(29)

**Project Location: Town of Bristol in Addison County on VT 116 at The Little Notch Creek. The bridge is located approximately 2.6 miles south of the intersection of VT 116 and VT 17.**

The Bristol VT 116 Bridge 6 project will replace the existing bridge, which is in poor condition, with a new bridge that meets current design standards. The existing Bristol VT 116 Bridge 6 is a single span, two lane structure which was constructed in 1931. The bridge is 24-feet in length and 29-feet wide. The bridge superstructure, which is a concrete slab, is in poor condition.

Bristol VT 116 Bridge 6 was originally included in the project that recently replaced Bridge 8 in Bristol over the New Haven River. The two projects were advertised separately in order to replace Bridge 8 during the summer of 2014. During the design phase for Bridge 6, concerns were expressed with the wetlands which surround the bridge, as well as the floodplain. The existing structure does not meet hydraulic capacity criteria. The new bridge will improve the hydraulic capacity by widening the bridge opening.

The new bridge will be a Precast Prestressed Concrete Voided Slab Bridge, which has a relatively short construction period and comparatively low construction and maintenance costs. The new bridge will be 51 feet in length and 35 feet wide with two 11-foot travel lanes and two 4-foot shoulders featuring a 2 rail box beam bridge railing.

The bridge will be constructed with Accelerated Bridge Construction methods, which will expedite construction and reduce disturbance to the public. There will be an allowable 28 day road closure with single lane closures prior to and following the bridge closure period.



Location Map



**Target Construction Schedule:** Construction activities will take place during the spring and summer of 2015. The bridge closure period will begin on July 20 and end on August 16th.

**Contractor:** S. D. Ireland

**Construction Cost:** \$ 1,129, 878

Project Manager: Carolyn Carlson, P.E.

Resident Engineer: Rick Hale

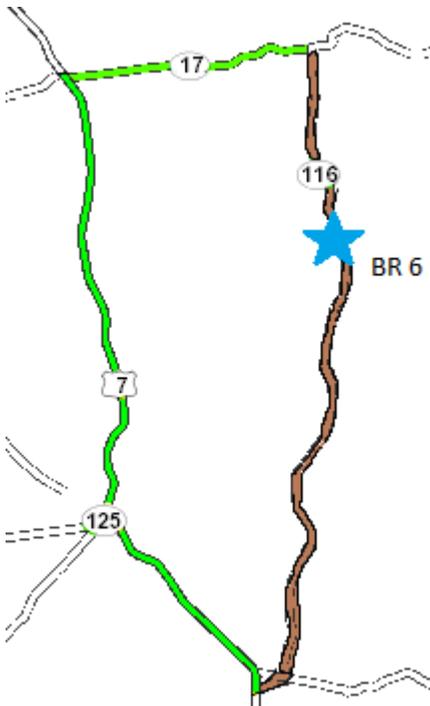
Detour Route: During construction, traffic will be rerouted on US Route 7 and VT Route 17.

From the North:

Drive 4.3 miles west on VT 17 to New Haven. Turn left on US 7 and drive 12 miles south, through Middlebury, to the intersection of VT 116 and US 7.

From the South:

Drive 12 miles north on US 7 through Middlebury to New Haven. Turn right onto VT 17. Travel 4.3 miles east to the intersection of VT 17 and VT 116.



**Through Distance = 12 Miles**  
**Detour Distance = 16 Miles**  
**Extra Mileage Required by Detour = 4 Miles**



Existing bridge #6



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