



# Bridport

## VT 125 Bridge 2 & Bridge 5

### PROJECT MILESTONES

Preliminary Plans	June 14, 2013
Permitting	February 21, 2014
Final Design	January 17, 2014
Right-of-Way Complete	May 30, 2014
Bid Advertisement	October 1, 2014
Contract Award	November 7, 2014
Target Construction Schedule	Summer 2015

### Bridport STP CULV(29):

**Bridge 2 Project Location:** Town of Bridport in Addison County on Vermont Route 125 over West Branch. The culvert is located approximately 2.3 miles west of the intersection of Vermont route 22A and Vermont Route 125.

**Bridge 5 Project Location:** Town of Bridport in Addison County on Vermont Route 125 over West Branch. The culvert is located approximately 1.6 miles east of the intersection of Vermont route 22A and Vermont Route 125.

The Bridport VT 125 Bridge 2 and Bridge 5 project will replace the existing culverts. Bridge 2 was constructed in 1956 and is in serious condition and has erosion issues on the downstream end. Bridge 5 was constructed in 1949 and is in poor condition.

The Bridport project will include the replacement of existing corrugated steel culverts with precast concrete box structures along with related roadway and channel work. Both steel structures currently are substandard and have reached the end of their respective design life's. During construction, both structures will be closed for a short duration.

A new Precast Concrete box system was chosen because these types of structures require a relatively short construction period and comparatively low construction and maintenance costs. The new structures will have a 12-foot span. Bridge 5 will incorporate a wildlife passage system inside of the structure. The roadway will include two 11-foot travel lanes along with two 3-foot shoulders. The new structures will have a cut off wall placed 4-feet below streambed for scour protection, as well as flared wing walls for improved hydraulics.

Both structures will be constructed during the summer of 2015 using Accelerated Bridge Construction methods, which will expedite construction and reduce the impact to the traveling public. This project is on an accelerated schedule and will be constructed during an allowable road closure period of 5 days and 3 days respectively for bridges 2 and 5 with temporary single lane closures prior to and following the bridge closure period.

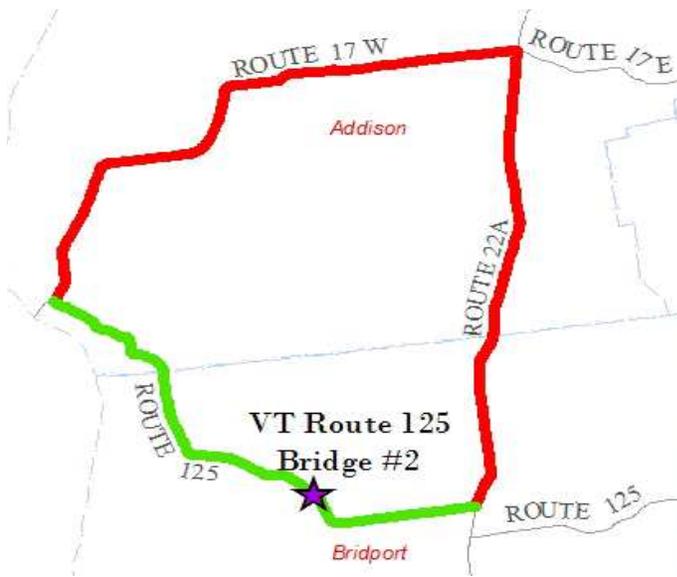
**Construction Schedule:** Construction activities will take place beginning in April 2015. The allowable bridge closure period will be no more than 5 and 3 days respectively for culvert No. 2 and No. 5. The contract is scheduled to be completed by July 31, 2015.

**Contractor:** The Contractor for both structures is Peckham Road Corporation.

**Cost:** Bids were opened on October 24th, 2014 and the low bidder was Peckham Road Corporation at \$1,227,088.63.

**VTrans Project Manager:** Mark Sargent

**VTrans Resident Engineer:** TBD



**Bridge 2 Detour Route:** VT Route 125, to VT Route 17 W, VT Route 22 A, back to VT Route 125

- **Through Route:** 7.1 miles
- **Detour Route:** 14.7 miles
- Added Distance:** 7.6 miles
- End-to-End:** 21.8 miles\*

\* End-to-End distance is the distance that it takes to drive from one end of the bridge to the other end around the detour



**Bridge 5 Detour Route:** VT Route 125, to VT Route 22 A, VT Route 17 E, US Route 7, back to VT Route 125

- **Through Route:** 8.4 miles
- **Detour Route:** 22.3 miles
- Added Distance:** 13.9 miles
- End-to-End:** 30.7 miles\*

\* End-to-End distance is the distance that it takes to drive from one end of the bridge to the other end around the detour



Bridge No. 2



Bridge No. 2 invert deterioration



Bridge No. 5 on VT 125



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