



Wardsboro

VT 100 Bridge 68

Wardsboro Bridge #68 – BRF 013-1(15)

Project Location: Town of Wardsboro in Windham County, beginning on VT 100 approximately 0.008 miles south of the intersection of VT 100 and TH 6 and extending northerly along VT 100 for 0.057 mile.

The Wardsboro Bridge 68 project will replace the existing bridge, which has a sub-standard width, and bridge rail, and is in poor condition, with a new bridge superstructure and substructure on the same alignment. The existing Wardsboro Bridge 68 is a single span, two lane structure constructed in 1929. The bridge is 64-feet in length and 30-feet wide. The bridge superstructure (deck and beams) components are in poor condition. The deck is in poor condition with full depth holes in multiple locations.

VTrans evaluated alternatives for replacement of the Wardsboro Bridge 68 in an engineering study completed in June 2011. The study assessed the proposed design criteria for bridge and roadway alignment, right of way impacts, and hydraulic impacts. Several alternatives were considered including no action, superstructure replacement and full bridge replacement. Given the poor condition of the substructure and superstructure the full bridge replacement option was selected.

The new bridge will be a Steel Girder Bridge with a cast-in-place concrete deck. The new bridge will be located on the same alignment as the existing bridge, with traffic to be maintained on a temporary bridge while the new bridge is being built. The new structure will be 70-feet in length and 31-feet wide including two 11-foot travel lanes with 3-foot shoulders. The new bridge will feature a galvanized and painted 3 Rail Box Beam Bridge Railing with the accompanying approach rail that meets all current standards for bridge railing.

PROJECT MILESTONES

Preliminary Plans

May 2013

Permitting

April 2014

Final Design

October 2014

Right-of-Way Complete

June 2015

Bid Advertisement

July 2015

Contract Award

September 2015

Construction Schedule

November 2015 - October
2016



Deterioration of concrete bridge deck



Target Construction Schedule: Construction activities will take place beginning in November 2015 to install the temporary bridge. The contract is scheduled to be completed by October 2016.

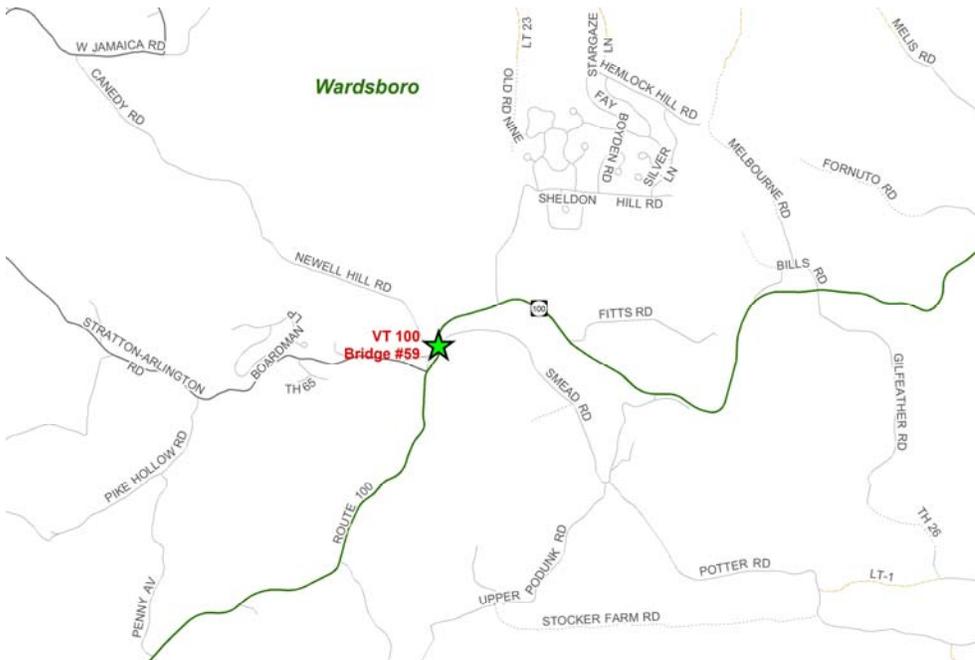
Contractor: Renaud Bro, Inc.

Cost: \$1,301,554.50

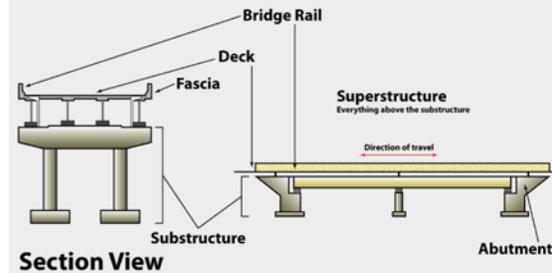
VTrans Project Manager: Carolyn Carlson, P.E.

Resident Engineer: Chad Greenwood

Maintenance of Traffic: During construction, traffic will be maintained on a temporary bridge upstream from the proposed structure.



Existing Deteriorating curbs and failing bridge rail



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