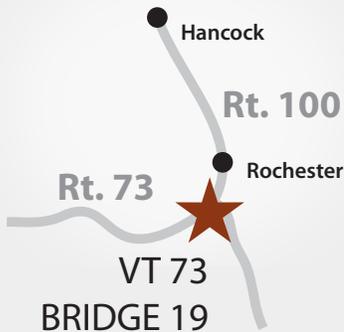




 **Rochester**
VT 73 BRIDGE 19

“Fast Four on 73”



Rochester ER BRF 0162(18)

Project Location: Town of Rochester in Windsor County on VT 73 over the White River. Bridge 19 is located approximately 0.02 miles west of the intersection of VT 73 and VT 100. Rochester Village is approximately 0.6 miles north of the bridge on VT 100.

The Rochester VT 73 Bridge 19 Project will replace a temporary bridge with a permanent bridge. The preexisting bridge was constructed in the 1930s and rehabilitated in the early 1970s. The bridge was severely damaged in Tropical Storm Irene in August 2011. A temporary two-lane bridge was built in the fall of 2011 in order to reopen VT 73. The temporary bridge does not meet Vermont State Design Standards, including the required turning radius for buses or tractor trailers and the required roadway width to accommodate shoulders.

The new bridge will be a Steel Plate Girder Bridge with a span length of 130 feet. VTrans Engineering Report – Rochester ER BRF 0162(18) (June 2012) studied alternative methods for replacing the bridge and recommended the Steel Plate Girder Bridge based on constructability and cost effectiveness. The bridge design meets the design criteria for the bridge and roadway alignment, site distance on VT 100, turning radius, design speeds, and hydraulics.

The bridge design was presented to the public at two meeting in May and August 2012. Public concerns were addressed by increasing shoulder widths and increasing the turning radius.

This structure will be replaced over the 2014 construction season using conventional bridge construction methods. To minimize disruption to the public, a temporary bridge will be installed by the Contractor prior to removal of the existing bridge and Route 73 traffic will be rerouted onto the temporary bridge for the duration of construction of the new bridge.

Target Construction Schedule: The schedule for the construction work will begin in April and be ongoing throughout the summer.

Contractor: The Contractor for VT 73 Bridge 19 is W. M. Schultz Construction, Inc.

Cost: The four bridge projects in Rochester (VT 73 Bridge 13, VT 73 Bridge 15, VT 73 Bridge 16, and VT 73 Bridge 19) are being completed as a single construction project. Bids were opened on October 25, 2013 and the low bidder was W. M. Schultz Construction, Inc. at \$6.4 million.

PROJECT MILESTONES

- ▶ Preliminary Plans
Summer 2012
- ▶ Permitting
Summer 2012
- ▶ Final Design
Spring 2013
- ▶ Right-of-Way Complete
Spring 2013
- ▶ Bid Advertisement
Late Summer 2013
- ▶ Contract Award
Fall 2013
- ▶ Target Construction Schedule
October 31, 2014



Damage from Tropical Storm Irene



Rochester / Middlebury / Warren BRIDGE PROJECTS

Rochester VT 73 BRIDGE 19



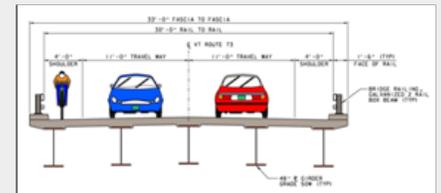
North Elevation of Temporary Bridge



North Fascia



Bridge Type – Steel Plate Girder
Bridge with Concrete Deck



Bridge Cross Section

LEARN MORE

- ▶ www.rm.w.vtransprojects.vermont.gov
- ▶ Info Hotline: (802) 496-3376

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