



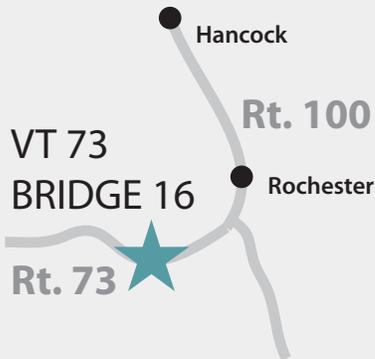
# Rochester

## VT 73 BRIDGE 16

**“Fast Four on 73”**

### Rochester Bridge 16 –BRF 0162(17)

**Project Location:** VT 73 Bridge 16 is located in the Town of Rochester in Windsor County on VT 73 at the crossing of Corporation Brook. The bridge is located 2.5 miles west of the intersection of VT 73 and VT 100.



#### PROJECT MILESTONES

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

The VT 73 Bridge 16 project will replace the existing bridge which is in poor condition and has a substandard width.

The existing bridge is a single span, two-lane bridge with a curb-to-curb distance of 20'-0". The bridge, which was constructed in 1929, consists of cast-in-place concrete T-beams with a cast-in-place concrete deck and a bituminous concrete surface. The bridge requires replacement due to its deteriorated condition, inadequate hydraulic capacity, potential for scour, poor channel alignment and functionally obsolete width.

The new bridge will be a Precast Prestressed Concrete NEXT Beam Bridge with integral abutments and rock anchors. This bridge type was selected based on the shorter time required to replace the bridge, which will minimize disturbance to the public, and for its relatively lower construction cost and simpler construction.

The bridge will be replaced using Accelerated Bridge Construction (“ABC”) methods, a means of rapidly constructing the bridge by building major bridge components apart from their final location and installing them quickly using heavy lifting equipment such as cranes. ABC techniques minimize construction-related impacts by moving as much work out of the roadway as possible. Weather permitting, VTrans will secure the work zone by closing a portion of VT Route 73 within the work area and establishing the detour route. Then the contractor will demolish the existing structure and the new bridge will be constructed.

There will be temporary single lane closures during the installation of the substructure and paving operations and a weekend road closure during the demolition of the existing structure and installation of the superstructure.

**Target Construction Schedule:** The bridge closure period is 60 hours (Friday to Monday). The bridge closure period will take place between July 11 and July 28, 2014.

**Contractor:** The Contractor for VT 73 Bridge 16 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.



Existing conditions



# Rochester

## VT 73 BRIDGE 16

**Detour Route:** During construction, traffic will be rerouted onto Route 100/Route 125/Route 7.

### From the East:

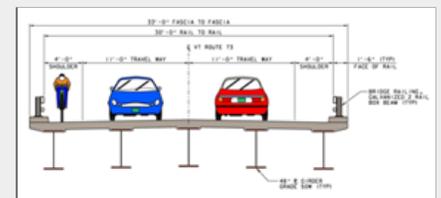
Drive 2.5 miles east on RT 73. Turn left on VT 100 and drive 5 miles north. Turn left onto RT 125 in Hancock (The Old Hancock Hotel is at this intersection). Follow RT 125 for approximately 16 miles into East Middlebury. Turn left on to Route 7 south for 13 miles will take you back to VT 73 West.

### From the West:

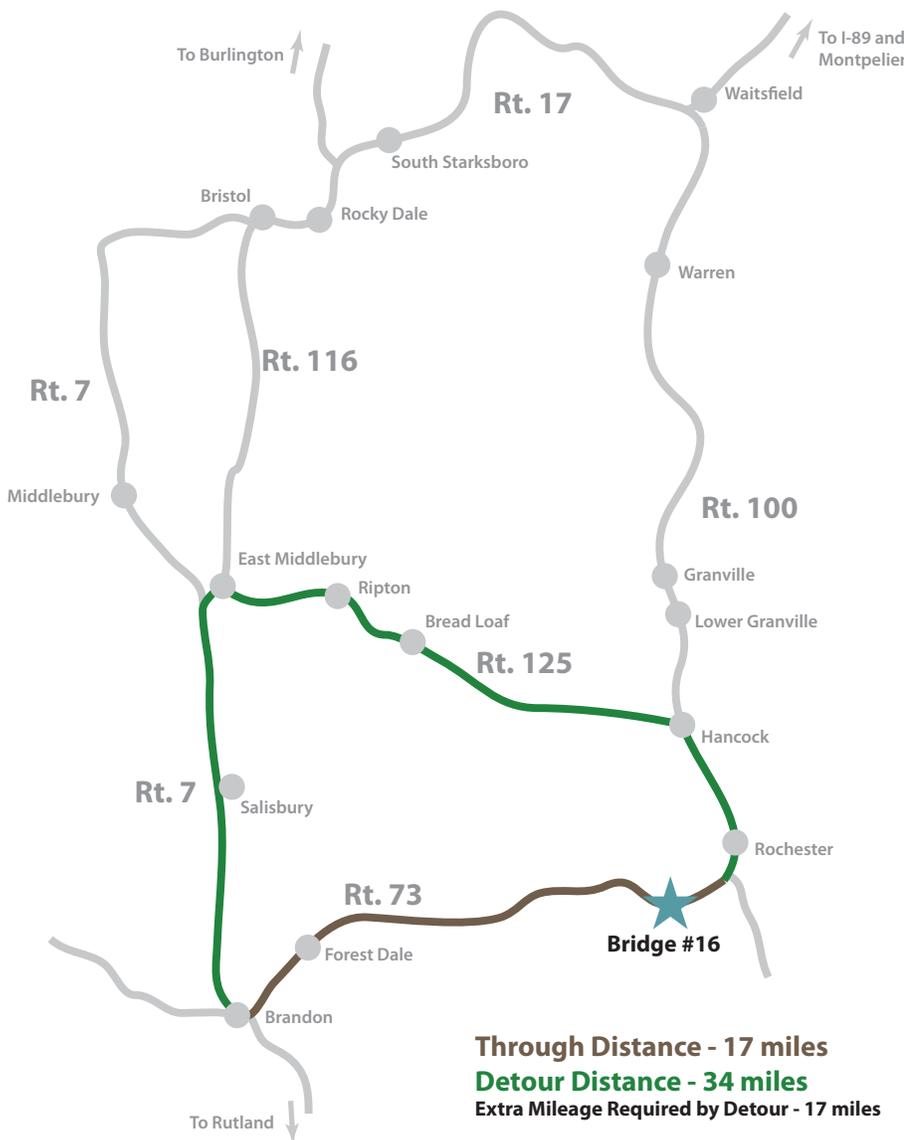
Drive 14.5 miles west on VT 73 to Brandon Village. Take RT 7 north for 13 miles, RT 125 west for 16 miles, and 5 miles south on VT 100. Turn right on to VT 73 and drive 2.5 miles west.



Current roadway



Bridge Cross Section



## LEARN MORE

▶ [www.rm.wvtransprojects.vermont.gov](http://www.rm.wvtransprojects.vermont.gov)

▶ Info Hotline: (802) 496-3376

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