



PROJECT MILESTONES

Preliminary Plans

May 2013

Permitting

August 2013

Final Design

November 2013

Right-of-Way Complete

December 2013

Bid Advertisement

February 2014

Contract Award

March 2014

Target Construction Schedule

Summer 2014



Wilmington Route 100 Bridge #47 – STP 013-1(14)

Project Location: Town of Wilmington in Windham County on VT 100 over an unnamed brook. The bridge is located approximately 2.1 miles south of the intersection of VT 100 and VT 9.

The Wilmington VT 100 Bridge 47 project will replace the existing metal pipe arch culvert, with a new precast concrete box culvert that meets current design standards. The existing culvert was built in 1950 and is 10'-8" wide by 6'-11" high. The new culvert is 16' wide by 6' high.

The Vermont Agency of Transportation evaluated alternatives for replacement of Wilmington VT 100 Bridge 47 and presented the replacement plan at a public forum on October 18, 2012 . The design addresses the span and height required to allow for adequate hydraulic passage. As a result of the increased width of the new culvert, the water way area is being increased by 60% .

The new bridge will be a Precast Concrete Box Culvert, which has a relatively short construction period and comparatively low construction and maintenance costs. The roadway typical section over the box culvert is two 11' lanes with 4' shoulders. The new guardrail is a W-Beam guard rail common to VT roadways.

The bridge will be constructed this summer using Accelerated Bridge Construction methods, which will expedite construction and reduce disturbance to the public. The Road is scheduled to be closed at the culvert over one weekend starting on Friday at 6:00 pm and concluding by Monday morning at 6:00 am. The contractor has several weekends to choose from between July and the end of August to complete the installation of the new culvert. The contractor will provide the Agency with the scheduled weekend for the closure well in advance of construction. Construction activities will be taking place prior to and after the closure in order to complete the project on time.



Target Construction Schedule: Construction activities will take place beginning in late June 2014. The allowable bridge closure period is one weekend (Friday evening through Monday morning) in July or August. Due to scheduling conflicts and variable weather patterns, the contractor has 5 weekends to choose from for the closure. The contract is scheduled to be completed by September 5, 2014.

Contractor: M&M Construction Inc.

Cost: \$430,000.00

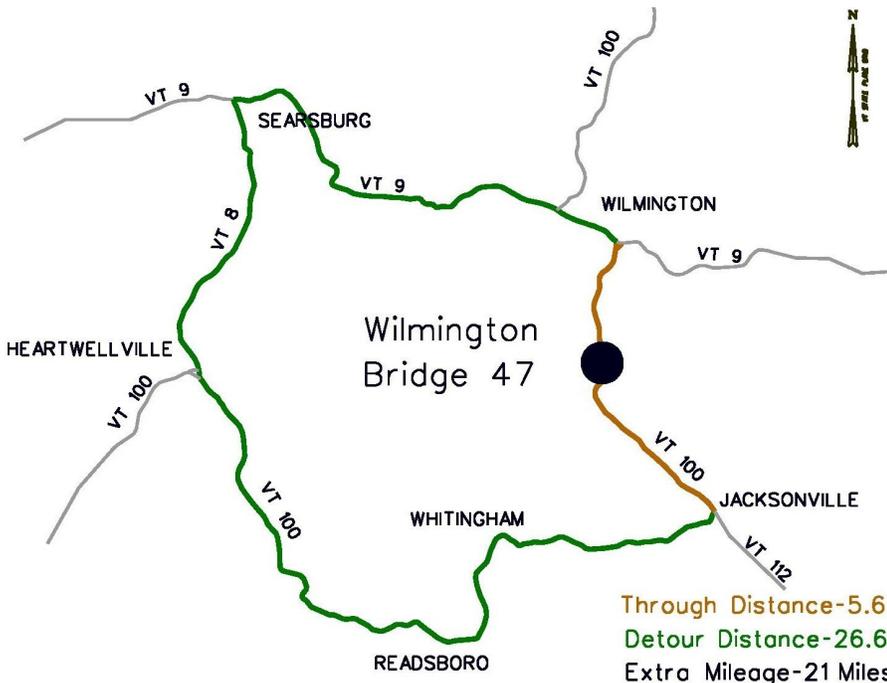
Detour Route: During construction, traffic will be rerouted onto Route 9 and Route 8.

From the North on VT 100S:

Turn right on VT 9 at its intersection with VT 100. Continue on VT 9 to Searsburg and take a left on VT8. Continue on VT 8 until VT 100. Take a right to continue on VT 100 South. Stay straight to continue on VT 100 to Jacksonville for VT 112

From the South on VT 100N:

Turn left onto VT 8 in Heartwellville and continue to Searsburg. Take a right onto VT 9. Take a left onto VT 100N in Wilmington



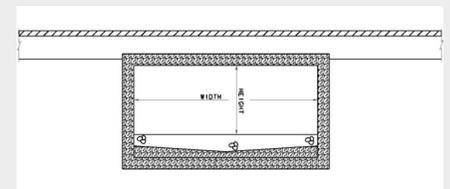
Through Distance-5.6 Miles
Detour Distance-26.6 Miles
Extra Mileage-21 Miles



VT 100 Looking North towards Route 9



VT 100 Looking south towards Whitingham.



Generic Bridge Element Description



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