



St. Johnsbury

ROUTE 2B BRIDGE PROJECT

VT Route 2B Bridge 6 over the Lamoille Valley Rail Trail

Project Location: Town of St. Johnsbury in Caledonia County on VT Route 2B above the Lamoille Valley Rail Trail. The project site is approximately 0.4 miles west of the eastern intersection with US Route 2.

Project Description: Bridge 6 is a 129-foot long, three-span superstructure located on VT 2B about 30 feet above the Lamoille Valley Rail Trail (LVRT). Built in 1936, the bridge is in poor condition and continues to deteriorate.

In October 2013, the Vermont Agency of Transportation completed an evaluation of alternatives to repair and replace the bridge. The engineering study recommended complete replacement of the bridge.

The new bridge will have a 28-foot wide roadway including two 11-foot travel lanes, 3-foot wide shoulders and a combination concrete and steel rail. The existing 129-foot bridge is supported by two tall piers adjacent to the rail trail. It will be replaced by a buried corrugated metal plate, 47-foot arch bridge with mechanically stabilized earth walls with precast concrete finish resembling rock. The walls will adjust well to the expected settlement on both sides of the bridge.

PROJECT LOCATION



PROJECT MILESTONES

Preliminary Plans

July 2015

Permitting

December 2015

Final Design

January 2016

Right-of-Way Complete

September 2016

Bid Advertisement

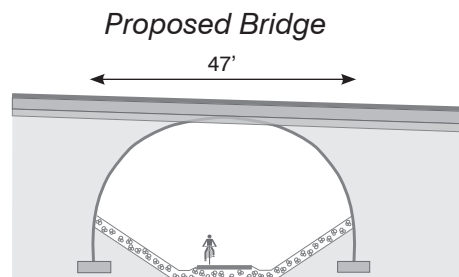
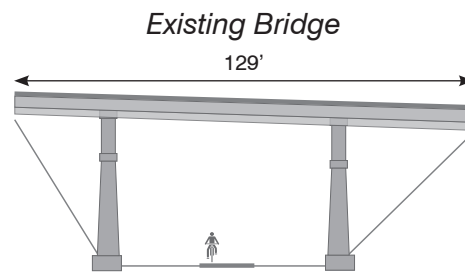
November 2016

Contract Award

December 2016

Construction Schedule

April – end of July 2017



Accelerated bridge construction methods will shorten the length of time to build the bridge. Closure of both the road (50-day closure) and the rail trail (28-day closure) at the construction zone is planned while the existing bridge is demolished and the new bridge is installed. Separate offsite detours for vehicles and trail users will be marked with signs for use during the closures. The LVRT detour route onto town roads has been designated by the Town of St. Johnsbury. (See map on reverse side)

PROJECT DETAILS

Project ID:

St. Johnsbury BF 7000-(20)

Construction Schedule:

April 17 – July 28, 2017

Contractor:

J.P. Sicard, Inc.

Project Cost:

\$2.3 million

VTrans Project Manager:

Wendy Pelletier, P.E.,
Structures Project Manager
Wendy.Pelletier@vermont.gov

VTrans Resident Engineer:

Jay Strong

Project Outreach Coordinator:

Francine Perkins
jfp1999@myfairpoint.net

Project Phone Number:

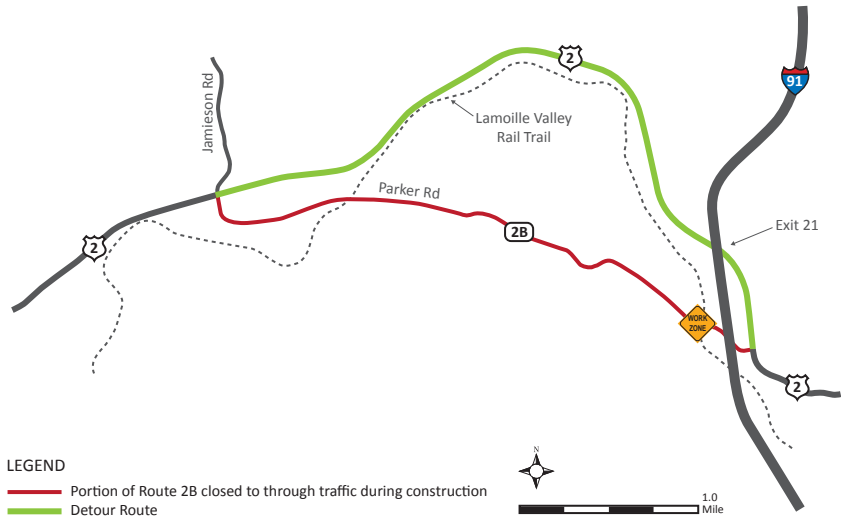
(802) 479-6994

24-hour traffic info:

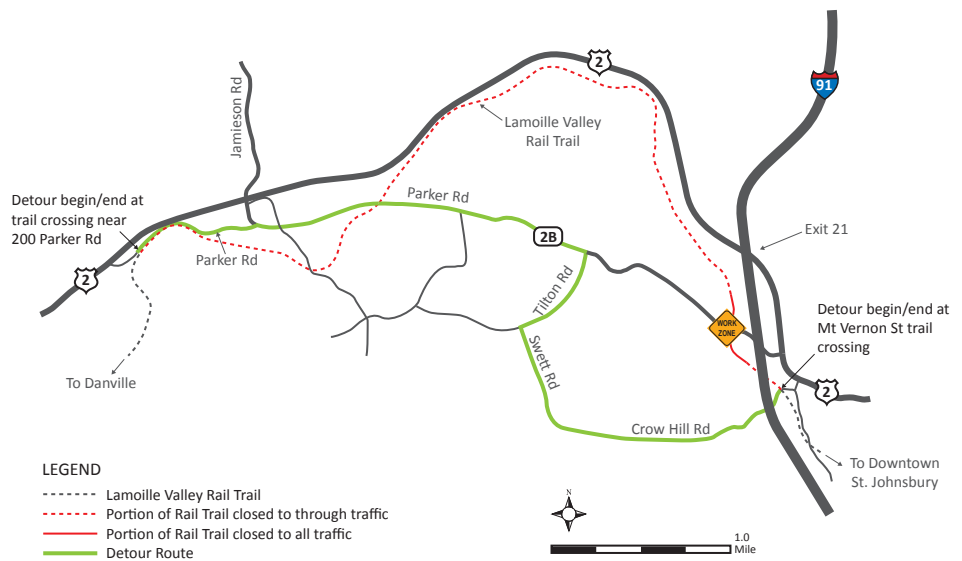
www.newengland511.org

TRAVEL IMPACTS

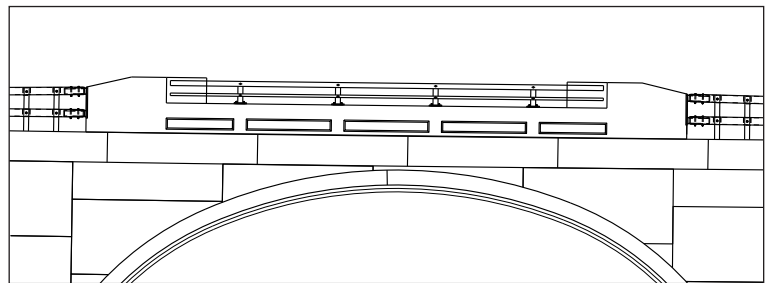
Detour Route for Vehicular Traffic



Detour Route for Rail Trail



Existing Bridge Rail



Proposed combination bridge rail, wall panels and plate arch (Partial Elevation)