



VT ROUTE 15 OVER THE GIHON RIVER

Johnson, VT

CLIENT

Vermont Agency of Transportation
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Contact: Kristin Higgins

LOCATION

Johnson, VT

COST

\$3.5 million

PROJECT COMPLETION

2009

DESCRIPTION

The existing Vermont Route 15 Bridge over the Gihon River in Johnson was narrow and deteriorated. The approximately 32-foot wide roadway approaching the bridge necked down to 22 feet on the bridge creating a significant bottleneck and safety concern due to the high traffic volumes. The bridge had one 4-foot wide sidewalk on its south side. Plans to replace the bridge had been underway since the early 1990s.

Further complicating the project was the need to maintain water and sewer across the river during construction. Existing vehicular and pedestrian traffic could not be kept on the existing bridge during construction so a temporary two-lane vehicular bridge was installed as well as a temporary pedestrian bridge. The northern half of the proposed bridge was constructed, including new water and sewer mains installed through the abutments. Vehicular and pedestrian traffic was then switched to the new portion of the bridge, and the temporary bridges were removed while the second half of the bridge was completed.

The bridge replacement was successfully completed on-time in the summer of 2009. The roadway on the bridge was widened to 32 feet curb-to-curb and 8'-6" sidewalks were constructed on both sides of the bridge. Also included were aesthetic enhancements to the bridge such as ornamental lights and colored rails. The project was tailored to match the streetscape improvements being constructed in town.



- Preliminary and Final Bridge Design
- Contract Plan Preparation
- Temporary Traffic Control Sequencing
- Aesthetic Improvements
- Utility Design and Coordination
- Cost Estimating
- Construction Services