



# VT ROUTE 14 OVER THE FIRST BRANCH OF THE WHITE RIVER

Royalton, VT

## CLIENT

Vermont Agency of  
Transportation  
One National Life Drive  
Montpelier, VT 05633-5001  
(802) 828-2485  
Contact: Craig Keller

## LOCATION

Royalton, VT

## COST

\$1.8 million

## PROJECT COMPLETION

2006



## DESCRIPTION

This project, located in the Town of Royalton, involved the replacement of the VT Route 14 over the First Branch of the White River. The bridge is located just upstream of the confluence of the First Branch of the White River and White River. The existing bridge was a narrow, deteriorated three-span concrete T-beam bridge which was both structurally and functionally obsolete.

The new bridge consists of a 130-foot, single-span steel girder superstructure constructed on concrete stub abutments. The new structure is 31'-10" curb-to-curb and includes a 5'-6"-wide sidewalk. The approach roadway was relocated and traffic was maintained using a temporary bridge. Preliminary and final design services included bridge and roadway design; hydraulic and scour analyses; and environmental documentation and permitting. CLD also provided construction services.

- Preliminary and Final Bridge Design
- Contract Plan Preparation
- Temporary Detour Road and Bridge
- Environmental Permitting
- Hydraulic Analysis
- Cost Estimating
- Construction Services