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AGENCY OF TRANSPORTATION

Barton Village

TH 2 (VT 16) Bridge 20

Project Location: Village of Barton in Orleans County on Town Highway 2 (VT 16) over Crystal Lake Outlet. The bridge is located approximately 0.2 miles south of the intersection with US Route 5.

PROJECT MILESTONES

Preliminary Plans
- Summer 2014

Final Design
- Summer 2015

Bid Advertisement
- September 2016

Contract Award
- November 2016

Target Construction Schedule
- Construction Season 2017

The project will replace the existing bridge, which is in poor condition, with a new bridge on the same alignment. The existing bridge is a two span, two lane structure which was constructed in 1919. The bridge is 24 feet in length and is 31 feet wide curb to curb. The bridge deck and substructures are in fair condition but the bridge is hydraulically substandard and the existing bridge railing is not structurally adequate for modern design standards.

The new bridge will be constructed using precast bridge elements and rapid construction techniques and be lengthened to 42 feet while maintaining a similar width to the existing structure.

The bridge will be constructed on the same alignment while utilizing a short duration road closure and detour to maintain traffic.

Looking South along TH 2

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Target Construction Schedule: Construction season 2017. Bridge closure period approximately 28 calendar days during the time between July 10—August 18, 2017. The exact dates to be determined.

Contractor: J.P. Sicard Inc.

Cost: Combined project with TH4 Br. 58 replacement. Total Bid Price $2,122,462.35

VTrans Resident Engineer: Seth Hisman

VTrans Project Manager: Doug Bonneau, P.E.

Accommodations for Traffic During Construction: Roadway will be closed for several weeks while bridge is replaced. A detour utilizing Roaring Brook Road, Park Street and Elm Street will accommodate traffic during the bridge closure period. Alternating one-way and temporary lane closures should be expected during working hours leading up to and following the bridge closure period.

Minimal Hydraulic Capacity

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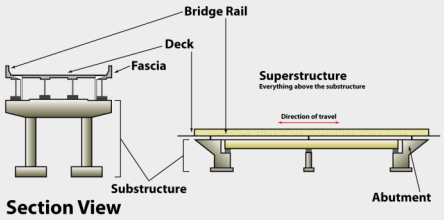

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