Brattleboro

Elliot Street (TH-446), FAU 2012
Bridge 31 over Whetstone Brook

The Bridge Closure Period is :
June 27 thru August 26, 2016

PROJECT MILESTONES

Permitting
- Fall 2015

Final Design Complete
- Fall 2015

Right-of-Way Complete
- Not Applicable

Bid Advertisement
- Winter 2016

Contract Award
- Spring 2016

Target Construction Schedule
- Summer 2016

Bridge Closure Period
- June 27 thru August 26, 2016

Looking South West Over Bridge

Brattleboro BF 2000 (26)

Project Location: Town of Brattleboro in Windham County on Elliot Street over the Whetstone Brook. The bridge is located between two intersections. On the southern end, Elliot St intersects Holden St and Frost Pl, and on the northern end, Elliot St intersects Williams St, Frost St, and Union St.

Bridge 31, constructed in 1946, is a rolled beam steel girder bridge with a cast-in-place deck. It features concrete parapets with a metal handrail. The bridge is owned and maintained the town of Brattleboro.

Bridge 31 has several substandard features which include bridge railing, approach railing, bridge width, and approach width. These features are substandard in accordance with the Vermont State Standards. The intent of this project is to extend the serviceable life of this bridge in a cost effective manner. In order to achieve this objective, some features will remain substandard even though they will be improved from their current condition.

Since the existing bridge has a deck rating of 3 (serious), a superstructure rating of 7 (good), and a substructure ratings of 6 (satisfactory), this bridge was identified for the Bridge Deck Replacement Program. All projects included in this program received an abbreviated scoping effort that examined the feasibility of a deck replacement as opposed to a larger scope that could include either a superstructure or full bridge replacement. Bridge 31 was deemed as a good candidate for the deck program due to it's current condition and remaining life expectancy of the steel beams and abutments.

The new deck will be wider, feature bridge and approach railing meeting current safety standards and provide a greater load carrying capacity. Upon completion of the deck replacement, Bridge 31 is expected to remain in service for another 40 years.

All work will be completed during the summer of 2016. The bridge deck will be replaced while maintaining traffic on an offsite detour for an 8 week period. In accordance with Act 153, by closing the road as opposed to installing a temporary bridge, the town share is reduced by 50%. Additional traffic impacts include periodic, temporary single lane closures up to two weeks prior to and following the bridge closure period. The most likely detour for this project location would have an end-to-end distance of 1.04 miles.

Have questions? Please contact the project information officer, Jacqueline Dagesse, at 802-324-5522 or jdagesse@eivtech.com

Accelerated Bridge Program
VTRANS

Target Construction Schedule: The bridge deck will be replaced during the 2016 construction season. There will be an allowable bridge closure period from June 27 to August 26, 2016.

Contractor: Renaud Brothers, Inc.

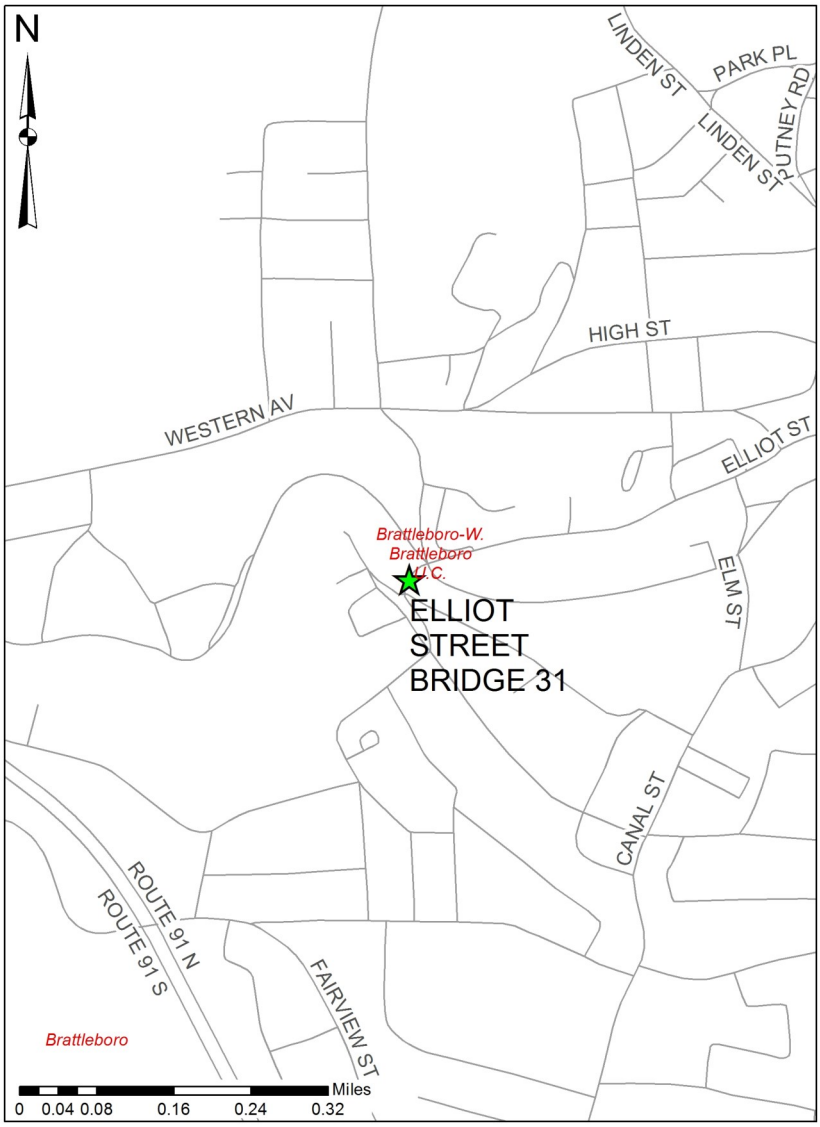
Estimated Total Project Cost: $526,044

VTrans Project Manager: Jennifer Fitch, P.E.

VTrans Resident Engineer: Chad Greenwood

Project Information Officer: Jacqueline Dagesse, (802) 324-5522

Maintenance of Traffic: During the bridge closure period, traffic will be redirected along a detour route signed by the town of Brattleboro.



Bridge Location Map

Deterioration in Bridge deck 2014

Most significant deterioration

https://www.facebook.com

https://twitter.com/511VT

For more information: Click Here

VERMONT
AGENCY OF TRANSPORTATION