LOCAL CONCERNS MEETING

Accelerated Bridge Program
VTRANS

FOR IMMEDIATE RELEASE
September 30, 2016

Bolton, VT – A Local Concerns Meeting for the project listed below will be held on Tuesday, October 25th, 2016 beginning at 6:30 PM at the Smilie School , located at 2712 Theodore Roosevelt Highway. The meeting will be held by the Vermont Agency of Transportation (VTrans) and the Town of Bolton.

Rehabilitation project:

- Bolton IM 089-2(45) – I89, Bridge #51-3 over Town Highway 4 (Notch Road)

The preferred alternative includes repairing the culvert with traffic maintained on an offsite detour during a short term weekend road closure.

The intent of the meeting is to provide an overview of this bridge project to Town Officials, local residents and businesses, emergency services and other interested parties. There will be a review of the existing site conditions, proposed work, detour, and overall schedule followed by a question and answer period. Representatives from both VTrans and the Town of Bolton will be available at the meeting to address public concerns about the projects.

A copy of the Scoping Report for this project may be seen at the office of the Town Clerk in Bolton, or at the Structures Section of the Agency of Transportation's office in Montpelier, Vermont. An electronic copy is also available online at:
https://outside.vermont.gov/agency/vtrans/external/Projects/Structures/13a090

Project Factsheet August 2016

Looking west

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Bolton

TH 4 Bridge 51-3

Bolton IM 089-2(45)

Project Location: Town of Bolton in Chittenden County on TH 4 below Interstate 89. The bridge is located approximately 4.5 miles south of the intersection of US Route 2 and Bridge St in the Richmond Village.

PROJECT MILESTONES

Permitting
- Not Applicable

Final Design Complete
- Winter 2017

Right-of-Way Complete
- Not Applicable

Bid Advertisement
- Fall 2019

Contract Award
- Winter 2019

Target Construction Schedule
- Summer 2020

The Bolton IM 089-2(45) Bridge 51-3 project will rehabilitate the existing bridge. The existing bridge structure is a four sided concrete box constructed in 1964. It is approximately 150-feet in length and 20-feet wide. The culvert is in fair condition however two large cracks have caused some concern.

VTrans evaluated alternatives for rehabilitation or replacement of Bridge 51-3 in an engineering study completed in July 2016. The study assessed the proposed design criteria for the bridge and roadway alignment, right-of-way impacts, and environmental and cultural resources. Several alternatives were examined combined with several traffic maintenance options including a short term bridge closure, phased construction and a temporary bridge. The Scoping Report recommended rehabilitating the entire bridge structure using phased construction with a weekend road closure. Given the width of this structure traffic could not be maintained while work occurred along the center of the culvert.

The proposed rehabilitation consists of grouting the cracks to fill the void, performing a structural repair using FRP, and then applying a new membrane and pavement to the bottom of the structure as well as treating the concrete with Silane or other similar material. FRP (Fiber Reinforced Polymer) repairs are a new technology in Vermont however it is an inexpensive long lasting material that can be quickly applied to the affected areas.

Settlement Crack

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Target Construction Schedule: The bridge will be rehabilitated during the 2020 construction season.

Contractor: TBD

Cost: TBD

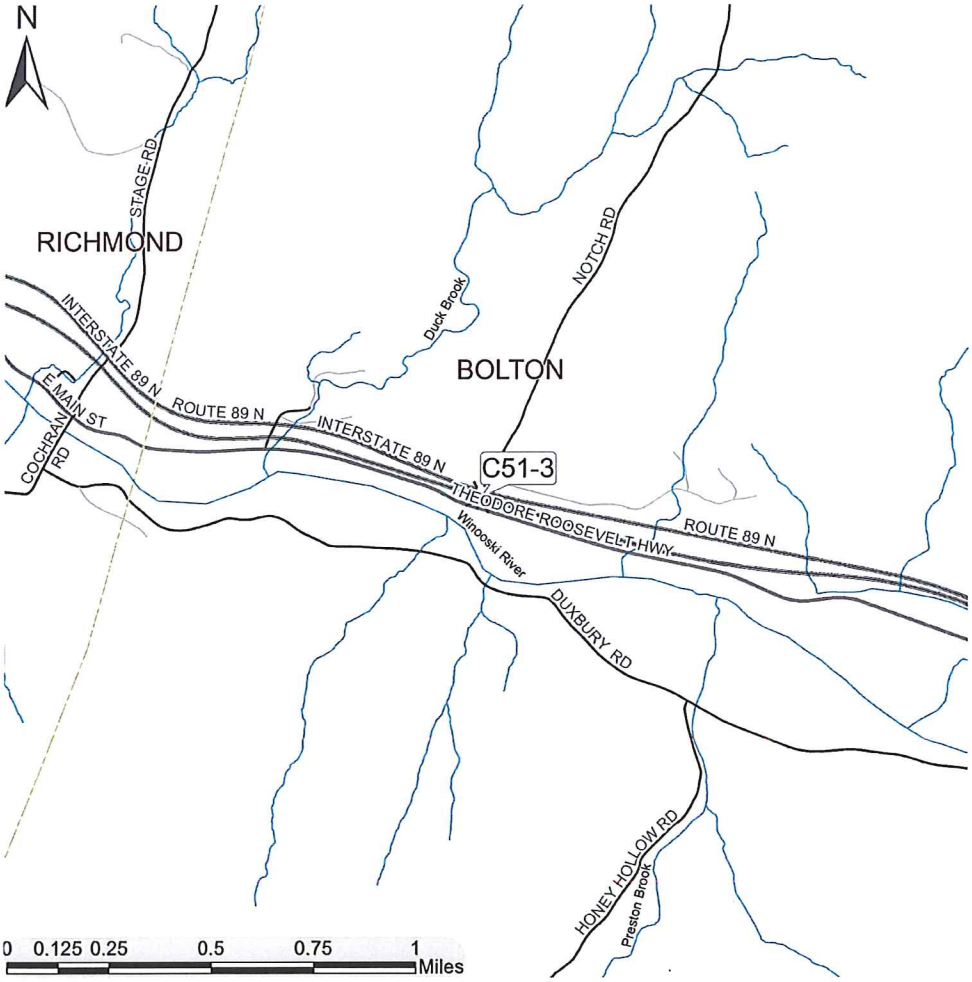
VTrans Project Manager: JB McCarthy, P.E., Structures Project Manager

Detour Route: Town Signed Detour

Settlement Crack

Close Up of Settlement Crack

Fascia Damage



Project Location Map

https://www.facebook.com

https://twitter.com/511VT

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