

Meeting Agenda

- Project Refinement Process & VPSP2
- Study Area & Project Background
- Existing Conditions
- Draft Purpose & Need
- Discussion & Local Concerns
- Next Steps



Project Team













Regional Priority Project Refinement Process

- VTrans is evaluating regionally identified projects for consideration in the Capital Program
 - May not have been identified prior to the VPSP2 process
 - May not have all the supporting documentation in place
- Collaborative process (VTrans + RPC + Community) to refine projects and fill any gaps in project development to date





VPSP2 Vermont Project Selection and Project Prioritization Process



VPSP2 is a mechanism to identify, prioritize, and select state transportation capital improvement projects on the federal aid system.

VPSP2's Vision: Develop a performance-based, data driven project selection & prioritization framework that maximizes the "transportation value" delivered to Vermont taxpayers. This will be done through:

- Providing a defined, consistent, and transparent process for selecting and prioritizing projects that make up VTrans' Capital Program,
- Providing a mechanism for input from the RPCs and communities in the selection and prioritization of transportation projects,
- Utilizing criteria that delineate the "transportation value" that potential and planned VTrans' projects will provide to the statewide transportation network.



VPSP2 Vermont Project Selection and Project Prioritization Process









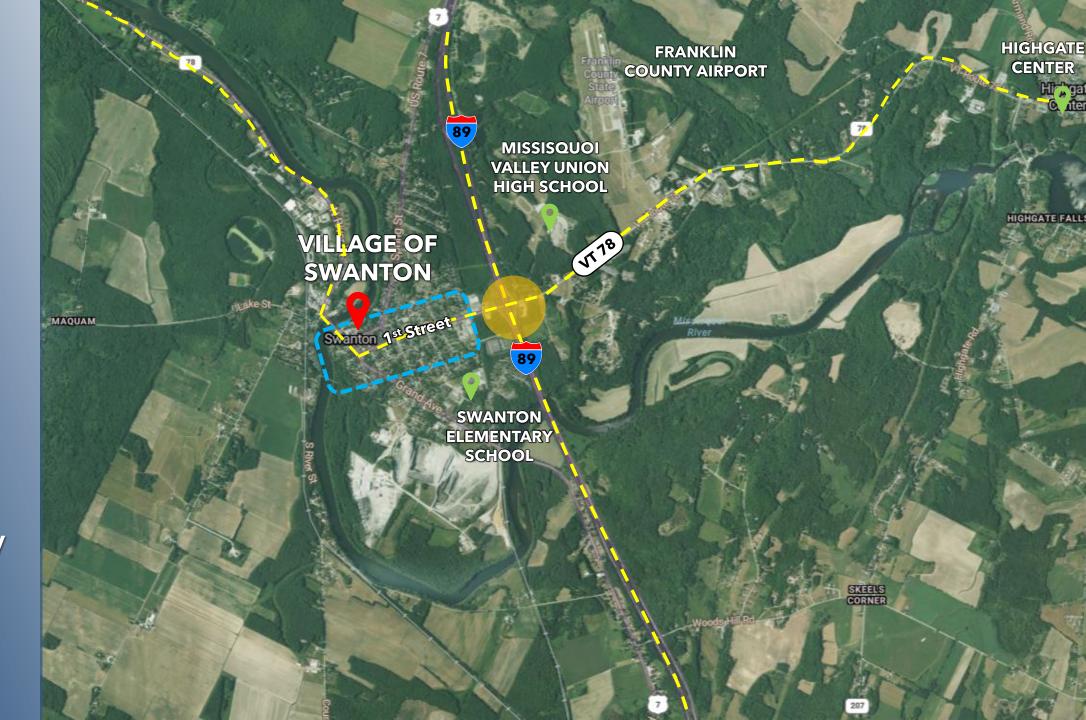




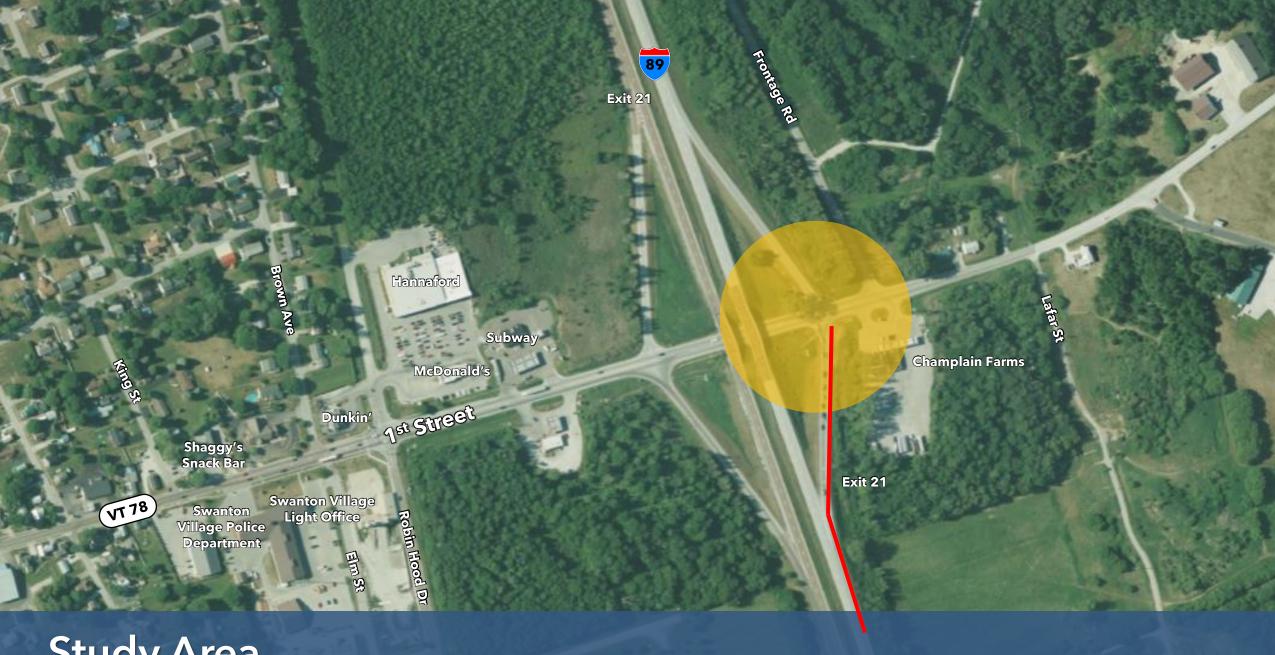








Network Connectivity



Study Area

Project Identification

- I-89 Exit 21 NB / VT 78 identified by issues of queuing on I-89
- No Prior Scoping Study
- Pedestrian improvements at Exit 21
 - Explored in the 2017 Swanton Sidewalk Scoping Study
 - Preliminary design plans in 2023 STP BP 19(5)



Project Background

Traffic Operations

Highway Safety Improvement Program

Location: VT- 78
Mile Marker: 7.471-7.771
Town: Swanton
HSIP#: 04-045
By: RKG
Date Visited: June 17, 2004

Observation:

The segment is located in Swanton. This segment has the on-and-off the T-intersection of VT-78 and Frontage Rd. (TH # 9). Speed limit is

Past Project

A paving project named STP 9554 (1) S was completed on 09/16/2002

Past Work Order

Route marker signs were replaced and town signs were retained through 262. Stop signs was replaced on the I-89 ramps through work orde parking on Traveled lane⁴⁸ sign was installed through work order # 00-was removed through work order # 93-126. A "Watch for turning installed through work order # 91-175.

Future Projects

None planned.

Crashes

Accident reports were reviewed for the 1998-2002 reporting period. 7 took place during this period within this segment. Of these, 6 were was a left-turn crash, 3 were right-angle crashes and 3 other were loss The reason behind the rear-end crashes were i) no appropriate reaso closely, iii) the driver was not able to stop, iv) not paying attention vehicle stopping, vi) looked other way, distracted. The reasons behind was i) the driver was looking in his rear view mirror as some one was closely. The reasons behind the right-angle crashes were i) did not see ii) thought the road was clear, iii) sight distance was blocked by a was parked in the Exxon Gas station. The reasons behind the loss of t

Road Safety Audit 2004

Road Safety Audit Review

VT Route 78 Near Missisquoi Valley Union High School

Town of Swanton

November 13, 2008



Note: THIS DOCUMENT IS EXEMPT FROM DISCOVERY OR ADMISSION UNDER 23 U.S.C 409

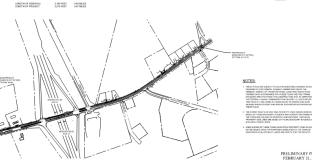
Swanton Town and Village Municipal Plan



Swanton Town STP BP19(5) VT 78 Sidewalk to Missisquoi Valley Union High School

Town of Swanton
Principal Arterial (Rural) (west of I-89)
Major Collector (Rural) (east of I-89)
County of Franklin

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Municipal Plan 2015

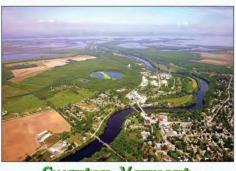
Sidewalk Scoping 2017

Town of Swanton

Town of Swanton Sidewalk Scoping Study

Swanton, Vermont

♦ APRIL 21, 2017



Swanton, Vermont

CROSS CONSULTING ENGINEERS, P.C.

WER, COM. F.E. 1.1

103 Fairles Road, St. Albans, Vermond 64678-4271 - 3nt.; 202.234.2113 - fac: 802.634.948

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Project: 15138

Sidewalk Preliminary Plans 2023



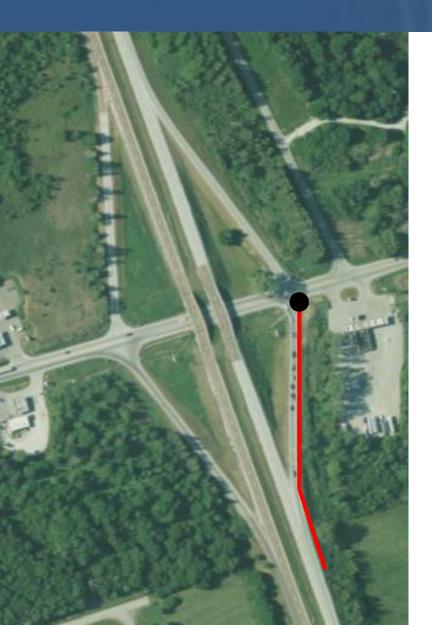
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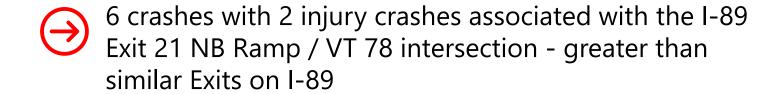
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Existing Conditions





Categorized as Primary Risk for left turn crashes at minor stop-controlled intersection

Sources: VTrans Crash Data Query Tool 2018 – 2023 VTrans Intersection Risk Mapping



Preliminary Level of Service & Queue

	Intersection LOS / Queue Length			
	AM Peak		PM Peak	
A. 2016 Observed Traffic	С	50 ft	F	323 ft
B. 2023 Traffic Adjustment *	В	43 ft	Е	253 ft
C. 2043 Traffic Projection *	С	53 ft	F	358 ft

^{*} Adjusted to 2023 and projected to 2043 using VTrans Continuous Traffic Counter Report (Redbook)



DRAFT Purpose and Need



PURPOSE

The purpose of the project at the intersection of the I-89 Exit 21 NB ramps and VT-78 is to improve **traffic operations** and **safety** by reducing queuing and spillback onto I-89 in current and future traffic scenarios.



NEED

The needs for the improvements at this location are identified by the higher-than-average **crashes** relative to similar Exits on I-89 and observed queuing on the interstate off-ramp.

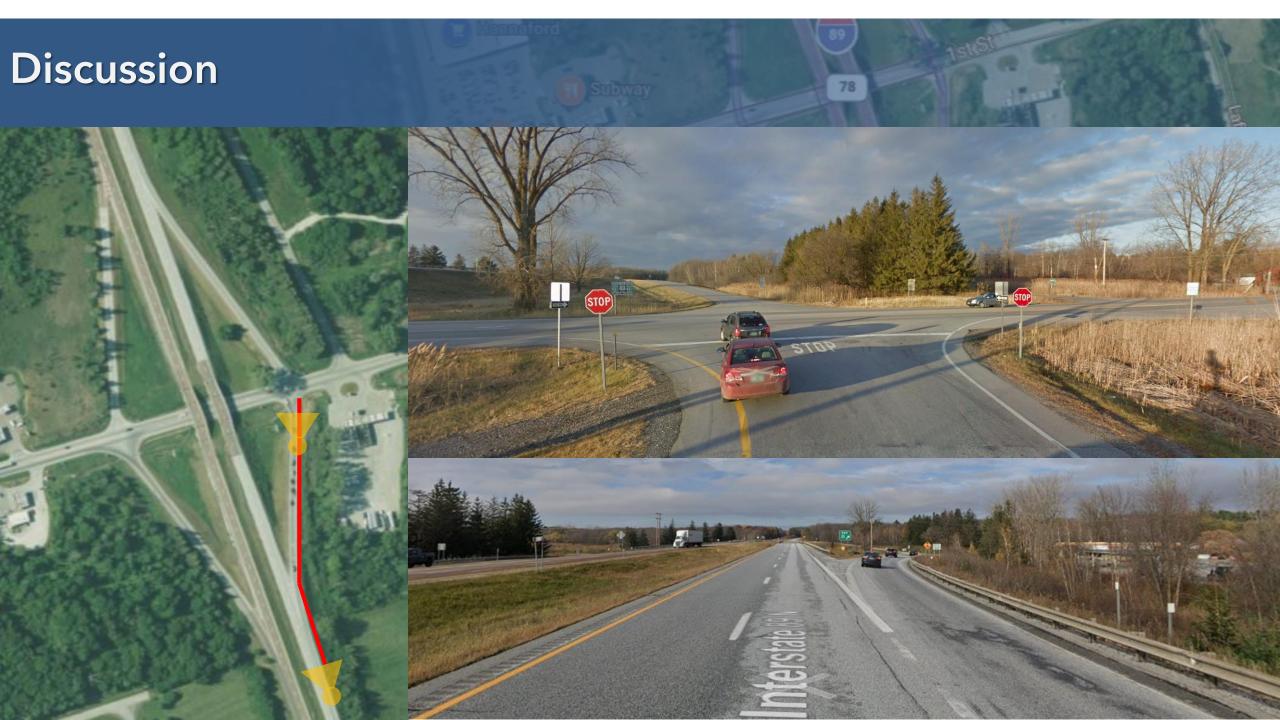














Next Steps

- Discuss Local Concerns | Today
- Refine Draft Purpose and Need | Today
- Public Meeting #2
 - Confirm Purpose and Need
 - Envision Potential Improvements / Alternatives for Evaluation
 - Identify Project Constraints / Challenges
 - Endorse Advancement of Project to Scoping / Alternatives Evaluation
- Draft Refinement Report
- Program Project through VPSP2 Process





Questions or Comments?



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