



TRANSPORTATION ADVISORY COMMITTEE

Tuesday, November 27, 2018, 6:30 p.m.

Central VT Chamber of Commerce, Paine Turnpike North, Berlin, VT

(Coming off the interstate at exit 7, turn left at the first light.

At the next crossroads, the Chamber is on your left. It is the light yellow building.)

6:15 pm - Social & Pizza

*Action Item

Page **AGENDA**

6:30 Introductions

Adjustments to the Agenda

Public Comments

2 6:35 Review and Prioritization of Municipal Transportation Study Projects*

6 7:30 Approve October 23th TAC Minutes (enclosed)*

9 7:35 Nomination and Appointment of Chair and Vice-Chair*

7:45 Discussion of TAC Meeting Location, Date, and Time

10 7:50 Presentation on Waterbury Stowe St Bridge Existing Condition Report

8:20 TAC Member Concerns

Roundtable for any issues, questions, and town updates from TAC members.

8:29 Set Agenda for the Future TAC Meeting

8:30 Adjourn

Future TAC Meeting Agendas

Below is a preview of upcoming TAC meeting agendas for consideration by the TAC.

December

- **No Meeting**

January

- **District Paving Review and Prioritization**
- **Trail Counts and Economic Impact Report**



MEMO

Date: November 27, 2018
 To: Transportation Advisory Committee (TAC)
 From: Daniel Currier, Program Manager
 Re: Review of Transportation Planning Studies

Request

Staff requests TAC review and prioritize proposals for future funding under our Transportation Planning Initiative Program. To be completed by the end of 2019.

CVRPC has annually funded transportation planning studied. The TAC has spent time at its October meeting revising three proposals including:

- East Montpelier's traffic study of the Towne Hill Road/US 2 intersection,
- Duxbury's traffic study of the three-way intersection of River Rd and Main St
- Northfield Main St Bridge Existing Conditions Report

We will complete the review at our November meeting and prioritize all the proposals. Four proposals were submitted for evaluation by the TAC in November. They include:

- Town of Washington - Hyland Hill Road Roadway Safety Audit
- Sustainable Montpelier Coalition – Employee Transportation Demand Study for On-Demand Transit System
- Town of Marshfield – Complete Streets Analysis of Route 2 and other roadways throughout Marshfield village.
- Town of Cabot - Existing Conditions Analysis of Bridge B7 location on VT Route 215 South

A short summary is provided on the next page for each of the proposals. CVRPC has also invited each of the applicants to present their proposal and be available to answer questions.

After the presentations each TAC member will then be asked to rank the seven proposals. The ranking values will then be totaled and the proposal with the lowest total rank will be selected as our number one choice.

Town of Washington - Hyland Hill Road Roadway Safety Audit

The Town of Washington would like to be considered for a planning study for town Road #16, Hyland Hill Road. This class 3 road leads from Washington Village to Williamstown and has been the site of numerous accidents.

Sally Dillon, Admin/Emergency Communications Dispatcher, VT State Police, researched their current system in place since 1992 and reported the following:

Property damage, 1 each in 1992, 1995, 1996, 1997, 1999, 2009,
Injury Accidents, in 1996, 2000, 2002, 2013,
ATV Accident with injuries in 2007

Factors contributing to these accidents are the significant curve on 10%+ grade. Also, road maintenance is hindered by ledge on the hill. For the safety of the traveling public as well as our road crew that have to maintain this road in the winter, we would like some advice. The abutting landowner, as shown on the attached survey, is more than willing to work with us.

Sustainable Montpelier Coalition – Employee Transportation Demand Study for On-Demand Transit System

The Sustainable Montpelier Coalition (SMC), a 501c3 non-profit, was incorporated in spring 2017 in response to the public support generated from the winning designs of the Sustainable Montpelier 2030 Design Competition and the need for action steps to realize the vision. The Montpelier-Barre-Waterbury region is in need of a local employee and broad public transportation planning study. The goal of the mobility study would be to develop transport demand profiles for the major employers, town centers, and hospitals within 5 miles of the centers of Montpelier and Barre, if possible extending this profile for employees coming from Waterbury, Middlesex, East Montpelier and Northfield.

Sustainable Montpelier Coalition plans to use this study to assist with implementation of a pilot on-demand micro-transit system in the Montpelier area. Assuming success of the pilot, it foresees a later expansion to Barre-Berlin (with future plans for expansion to Waterbury, Middlesex, East Montpelier and Northfield) region. The envisioned pilot will illustrate the strengths and weaknesses of the given system. The takeaways from the pilot will form a more integrated transportation and land-use ecosystem, with the utilization of accessible and smart on-demand transit.

Town of Marshfield – Complete Streets Analysis of Route 2 and other roadways throughout Marshfield village.

The Marshfield Planning Commission, in accordance with the goals, objectives, and strategies outlined in the transportation chapter of our community's recently revised town plan, requests assistance from the Central Vermont Regional Planning Commission for the purposes of completing a transportation planning study. This study shall specifically relate to Chapter 5 Objective 8 of the Marshfield Town Plan:

“Pursue options to reduce traffic speeds and introduce traffic calming infrastructure on Route 2 and other roadways throughout the village” and Strategy G: “...explore methods such as traffic calming and lower speed limit to reduce traffic speeds on Route 2 through the village. This could include enhanced enforcement and/or signage indicating the speed of vehicles entering the village area.”

Specifically, we would like to request CVRPC assistance in determining where traffic calming infrastructure is most appropriately situated, and which forms of traffic calming infrastructure are most viable, on Route 2 and at other locations throughout town. More specifically, our interest lies in where to install permanent speed radar signs, as these devices are used to great effect in neighboring communities such as Plainfield. Any guidance concerning best practices and funding mechanisms for the purchase and installation of any recommended infrastructure upgrades, and any requisite engineering studies, would also be appreciated.

Town of Cabot - Existing Conditions Analysis of Bridge B7 location on VT Route 215 South

The Town of Cabot is requesting that an Existing Conditions Analysis be completed for the Bridge B7 located in the Town of Cabot on VT Route 215 South.

Replacing of this bridge is a priority project for our community based on the poor alignment of the roadway and traffic on the road in question. Leaving the Village the bridge is on a steep incline with a sharp corner on the down slope to navigate after crossing. Trucks navigating this bridge from the south (downhill) direction cross into the opposing lane to navigate the corner and the bridge making travel perilous.

Many trucks use this route on a daily basis, traffic counts for this roadway, VTrans data, AADT is 1600 per day. Roadway width is limited on the bridge between curbs at 21.7 ft limiting options. It is not clear what the depth of the current foundations on this structure are or if the bridge can handle hydraulic flows.

Ranking Form

Please rank the projects from 1 to 7 with 1 being your first choice and 7 being your last choice.

Project Name	Ranking
East Montpelier's traffic study of the Towne Hill Road/US2 Intersection	
Duxbury's traffic study of the three-way intersection of River Rd and Main St	
Northfield Main St Bridge Existing Condition Report	
Town of Washington - Hyland Hill Road Roadway Safety Audit	
Sustainable Montpelier Coalition – Employee Transportation Demand Study for On-Demand Transit System	
Town of Marshfield – Complete Streets Analysis of Route 2 and other roadways throughout Marshfield village	
Town of Cabot - Existing Conditions Analysis of Bridge B7 location on VT Route 215 South	

**CENTRAL VERMONT REGIONAL PLANNING COMMISSION
Transportation Advisory Committee (TAC)**

DRAFT Minutes

October 23, 2018

Central Vermont Regional Planning Commission Office

Attendees:

X	Barre City: Scott Bascom		Northfield: Jeff Schultz
X	Barre Town: Rob White		Orange: Lee Cattaneo
	Berlin: Robert Wernecke, Vice- Chair	X	Plainfield: Bob Atchinson
	Cabot: Karen Deasy	X	Roxbury: Gerry D'Amico
X	Calais: David Ellenbogen	X	Waitsfield: Don La Haye
X	Duxbury: Alan Quackenbush		Warren: Jim Sanford
X	East Montpelier: Frank Pratt		Washington: Vacant
X	Fayston: Kevin Russell	X	Waterbury: Steve Lotspeich, Chair
	Marshfield: Vacant	X	Williamstown: Rich Turner
X	Middlesex: Ronald Krauth		Woodbury: Vacant
X	Montpelier: Dona Bate	x	Worcester: Bill Arrand
X	Moretown: Joyce Manchester		Staff: Daniel Currier

Guests: Zoe Nderland (VTrans), Rollin Tebbetts (VTrans), Costa Pappis (VTrans), Laura Hill-Eubanks (Northfield), Devin Mason (GMT)

Steve Lotspeich called the meeting to order at 6:32pm. Introductions were completed.

Adjustments to the Agenda:

There were no adjustments to the agenda.

Public Comments:

There were no public comment

Public Hearing and Presentation on VTrans Aviation Plan

Costa Pappis presented on the VT Aviation System Plan. This is a 20 year plan that helps to outline the public use of Vermont's 16 public airports. The plans updated will follow the outline proscribed by Federal Aviation Administration (FAA). Which includes evaluation, visioning, assessing needs, develop goals and strategies. The new plan will also include changes in policy and incorporate new technology like drones into the text. In conjunction with the Aviation Plan update VTrans will also be working on updates the State Economic Development Marketing Plan.

1 VTrans is working with the consultant McFarland and Johnson. The plan will include an
 2 analysis and ranking of each airport based on their level of service from 1-4 with 1 being basic
 3 service and almost no facilities to 4 with full facilities which only Burlington and Rutland's
 4 airports fall into. After each airport is ranked it will then be evaluated for needs and those needs
 5 will help determine a growth scenario for each airport.

6
 7 The plan will also include sections on:

8 Recommendation and Strategies

9 Policy Issues

10 Integrating aviation with other modes

11 Land use build environment linkages

12 Economic development

13 Financial sustainability

14 Project Prioritization

15 Technological Development

16 Plan timeline for implementation

17

18 Q: Has Sugarbush airport been reached out to?

19 A: Yes we have and we plan to talk with the operator in more details during this study.

20 Q: Have you consider noise pollution in and around airports?

21 A: Yes we do and it will be addressed in the Plan.

22 Q: Are we inviting greater expansion and the use of more fossil fuels?

23 A: Not every airport will grow because there are limits to expansion due to topography, zoning,
 24 etc.

25 Q: What will happen to the airports that don't fall into one of the four categories?

26 A: The airport will stay the same and not grow.

27 Q: In the existing plan from 2007 it says that the Airports should have a full return on investment
 28 is this still true?

29 A: Yes they want to make the airports economic engines and return the investment that is put
 30 into them.

31 Q: What are the economic generates at the airports

32 A: Tie down fees, fueling, parking, rental car fees, and hanger space rentals.

33 Q: What is an electric aircraft charging station?

34 A: FAA has approved the first electric aircraft and that would be a station to recharge it. But the
 35 aircrafts are still in their design infancy.

36 Q: What is the timeline for the System Plan update?

37 A: We hope to wrap up the plan by late winter/early spring

38

39 Addition comments can be email to Costa Pappis at casta.pappis@vermont.gov

40

41 **Approval of September TAC Minutes:**

1 TAC members made no changes to the September minutes. D. LaHaye motioned to accept the minutes
2 G. D'Amico seconded that motion. The motion passed unanimously.

3
4 **Review of Municipal Transportation Study Projects**

5 D. Currier staff presented three proposals to the TAC for review for future funding under our
6 Transportation Planning Initiative Program. CVRPC has annually funded transportation planning
7 studied and the TAC will spend time at its October and November meetings reviewing and
8 prioritizing projects. The three proposals presented included:

- 9
- 10 • East Montpelier's traffic study of the Towne Hill Road/US 2 intersection,
 - 11 • Duxbury's traffic study of the three-way intersection of River Rd and Main St
 - 12 • Northfield Main St Bridge Project Definition Study

13
14 Representatives from each community talk about their proposed studies. TAC members
15 discussed each proposal and made the following comments. The request from Northfield does
16 not match with what we know VTrans wants from a Bridge Project Definition Study. The TAC
17 would suggest revising the request to be an Existing Conditions Report. D. Currier and L. Hill-
18 Eubanks will pass on these comments to Northfield.

19
20 TAC will completed its review and prioritization of projects at its November meeting.

21
22 **TAC Member Concerns**

23 Waterbury's Main St Reconstruction Plans have been finalized and are out for review by
24 interested consultants. The pre bid meeting is coming up.

25 At the Vermont Renewable Energy Conference there was lots of talk about electric vehicle
26 charging stations and a grant that is out to help towns install them.

27
28 **Set Agenda for Future TAC Meeting**

29 Review of Municipal Transportation Study Projects
30 Presentation on Waterbury Stowe St Bridge Existing Condition Report

31
32 **Adjourn:**

33 The meeting was adjourned at 8:20 pm.



Date: November 27, 2018

To: Transportation Advisory Committee

From: Daniel Currier, Program Manager

Re: Nomination and Appointment of Chair and Vice-Chair

Request

Staff requests TAC member's nomination and appointment a Chair and Vice-Chair of the Transportation Advisory Committee.

Excerpt from Transportation Advisory Committee Rules of Procure Date April 11, 2017

OFFICERS/ELECTIONS: The TAC will elect a Chairperson and Vice-Chairperson annually at the TAC's May meeting. The Chair will be responsible for running meetings, setting agendas in conjunction with staff, reviewing and signing correspondence on behalf of the TAC, and representing the TAC at various meetings as needed. The Vice-Chair will provide support to the Chair as needed. If the Chair or Vice-Chair should resign before his/her term is expired, an interim election shall be held within two meetings or when regular elections are held in May, whichever is earlier.

**MEMO**

Date: November 27, 2018

To: Transportation Advisory Committee (TAC)

From: Daniel Currier, Program Manager

Re: Waterbury Stowe St Bridge Existing Condition Report

Staff will give a presentation to the TAC on the Waterbury Stowe St Bridge Existing Condition Report including process, engagement, and final report.

Waterbury Stowe St Bridge Existing Condition Report

The Waterbury Bridge #36 Feasibility Study was undertaken in 2018 by Central Vermont Regional Planning Commission (CVRPC), in partnership with the Town of Waterbury, to document existing conditions, and identify opportunities for improvements at two intersections and the bridge between them, at the northern terminus of Stowe Street, in the Town of Waterbury, Vermont. Public input was received during a local concerns meeting held by the project team, as well as through a Local & Regional Input Questionnaire. Existing conditions were documented, including field observations and follow-up analyses, for traffic operations and safety, roadway geometry, and bridge condition inspection and assessment.

The full Executive Summary and Introduction are included on page 2 of this memo.

The full report can be reviewed and downloaded by visiting - <http://centralvtplanning.org/wp-content/uploads/2012/03/Waterbury-Bridge-36-Existing-Conditions-Report-Final.pdf>

WATERBURY BRIDGE #36 FEASIBILITY STUDY: EXISTING CONDITIONS REPORT

September 28, 2018

1.0 EXECUTIVE SUMMARY

The Waterbury Bridge #36 Feasibility Study was undertaken in 2018 by Central Vermont Regional Planning Commission (CVRPC), in partnership with the Town of Waterbury, to document existing conditions, and identify opportunities for improvements at two intersections and the bridge between them, at the northern terminus of Stowe Street, in the Town of Waterbury, Vermont. Public input was received during a local concerns meeting held by the project team, as well as through a Local & Regional Input Questionnaire. Existing conditions were documented, including field observations and follow-up analyses, for traffic operations and safety, roadway geometry, and bridge condition inspection and assessment.

Improvements identified to consider include: pedestrian accommodations at the Stowe Street / VT 100 intersection; a dedicated right-turn lane for the Stowe Street approach to this intersection; geometric improvements for the STOP-controlled intersection of Lincoln Street / Stowe Street; and rehabilitation or replacement options for Bridge 36, the town-owned bridge carrying Stowe Street over Thatcher Brook, between the intersections with VT 100 and Lincoln Street.

This report aims to provide the basis for a subsequent VTrans scoping study to evaluate alternatives for improving the intersections and bridge.

One notable conclusion of this study is that wetlands or wetland buffers are not located within the anticipated project area. Class I wetlands were identified on Vermont Agency of Natural Resources (VANR) map, however, Stantec's environmental scientist located and flagged the estimated wetland boundary, and the actual limits are not in the immediate vicinity of anticipated disturbance.

2.0 INTRODUCTION

Stowe Street connects VT Route 100 to the north, with the Village of Waterbury to the south. The northern-most part of Stowe Street includes a signalized intersection with VT 100, and a STOP-controlled intersection with Lincoln Street, connected by a 175 FT segment crossing Thatcher Brook via Bridge 36. Bridge 36 is a town-owned bridge located on Stowe Street approximately 110 FT south of the junction with Vermont 100. The current bridge is in need of rehabilitation or replacement. The bridge is situated between two busy intersections and decisions regarding the proposed work on the bridge should consider the context of the adjacent intersections. The purpose of this project is to summarize existing conditions in the project area to be used as part of a later study that will evaluate alternatives for improving the crossing as part of the VTrans project development process. This report follows the same outline as a typical VTrans Bridge scoping report with the intent that once the project is funded by VTrans, the information in this report can be easily adapted into a scoping study.

