

1 CHITTENDEN COUNTY REGIONAL PLANNING COMMISSION  
2 TRANSPORTATION ADVISORY COMMITTEE – FINAL MINUTES  
3

4 DATE: Tuesday May 7, 2019  
5 TIME: 9:00 a.m.  
6 PLACE: CCRPC Offices, 110 West Canal St. Winooski, VT  
7

8 **Members Present**

9 Lisa Schaeffler, Williston  
10 Brian Bigelow, Underhill  
11 Jon Rauscher, Winooski  
12 Nicole Losch, Burlington  
13 Richard Watts, Hinesburg  
14 Chris Jolly, FHWA  
15 Matt Langham, VTrans  
16 Dennis Lutz, Essex  
17 Amy Bell, VTrans  
18 Bob Henneberger, Seniors  
19 Justin Rabidoux, South Burlington  
20 Dean Pierce, Shelburne  
21 Ashley Bishop, VTrans District 5  
22 Bryan Osborne, Colchester, TAC Chair  
23 Allegra Williams, Local Motion  
24

Bryan Davis, Senior Transportation Planner  
Charlie Baker, Executive Director  
Chris Dubin, Transportation Planner  
Jason Charest, Senior Transportation Planning Engineer  
Peter Keating, Senior Transportation Planner  
Christine Forde, Senior Transportation Planner  
Marshall Distel, Transportation Planner  
Sai Sarepalli, Transportation Planning Engineer  
Dan Albrecht, Senior Planner

25 **Others**

Karen Adams, Colchester  
Gina Clithero, CCRPC Intern  
John Ohlin, Hoyle Tanner  
John Jackman, Hoyle Tanner  
Derek Lyman, VTrans  
Spencer Palmer, VTrans

26 **Staff Present**

Eleni Churchill, Transportation Program

27  
28 Bryan Osborne called the meeting to order at 9:03AM, calling for a round of introductions.  
29

30 **1. Approval of Minutes**

31 DEAN PIERCE MADE A MOTION, SECONDED BY BOB HENNEBERGER, TO APPROVE THE  
32 MINUTES OF APRIL 2, 2019. THE MOTION PASSED UNANIMOUSLY.  
33

34 **2. Public Comments**

35 None.  
36

37 **3. Colchester's Stormwater Infrastructure Inspection: Process and Findings (Information Item)**

38 Karen Adams introduced this with an explanation as to why the Town decided to undertake this project.  
39 She cited several concerns including: The need to take stock of the Town's infrastructure, establishing a  
40 stormwater utility in 2017, the age of the system, an expected high level of failure given its age, and its  
41 location under roadways and implications for the transportation system should failures occur. Karen then  
42 turned the presentation over to John Jackman of Hoyle Tanner who went over preparation of a GIS layer  
43 and the several attributes developed. He next described the video inspection equipment and imaging  
44 techniques. He also described manhole inspection, the Google form developed for data collection, linking  
45 the collected data to the GIS system and the collection of GPS data in three dimensions. He then went into  
46 project results giving an example of pipe assessments and reported on the project's budget and schedule,  
47 and illustrated findings with some GIS maps. He concluded with the following lessons learned:

- 48 • Confirmed that a top down inspection method would be incomplete.
- 49 • Much of the system has outlived its expected life.
- 50 • Intrusions into the system from gas and electrical utilities as well as unpermitted connections, and
- 51 • Having a valuable video record of the entire system.

52 Next steps in the process will include reinspection as needed (the Town expects a 5 year reinspection  
53 cycle), repairing the highest priority pipes (only .7% were judged bad/critical), develop worksheets for

1 capital planning, prioritize and risk manage the rest of the system, and setting up database queries for  
2 further analysis and capital planning.

3 **4. CENTRACS Traffic Management Software (Information Item)**

4 Sai Sarepalli introduced Derek Lyman and Spencer Palmer of VTrans to present the State's Automated  
5 Traffic Signals Performance Measures (ATSPM). Derek began with a map and background information  
6 of all of VTrans signals (Chittenden County has 75 of the State's 163 total signals, not counting  
7 municipal signals on Class 1 town highways in other Chittenden County municipalities). Derek provided  
8 details on many signal characteristics including:

- 9 • Signal structures
- 10 • Cabinets
- 11 • Controllers
- 12 • Econolite TS2
- 13 • Econolite Centracs 2.0
- 14 • Signal communications

15 He then went over elements of VTrans Traffic Signal Management Plan describing its program goals,  
16 stakeholder involvement, budget and staffing, and examples of the data worksheets related to all signals.

17 Derek then switched to details of the ATSPM, illustrated by various charts displaying:

- 18 • Purdue Phase Termination
- 19 • Pedestrian delay
- 20 • Emergency preemption,
- 21 • Wavetronix SmartSensor,
- 22 • Purdue Coordination,
- 23 • Approach volumes
- 24 • Lane by lane movement counts, and
- 25 • Yellow and red actuations

26 Derek concluded by describing next steps that included connecting more state signals to the network,  
27 installing radar detection equipment, investigating other possible metrics for data collection, using  
28 Bluetooth to measure travel times, and preparing for signal upgrades for 16 intersections along Shelburne  
29 Road.

30

31 **5. FY20 Unified Planning Work Program (UPWP) (Action Item)**

32 Marshall reported that at last month's meeting we had a presentation on this but we are now seeking TAC  
33 approval before sending along to the Board for their action later this month. BRIAN BIGELOW MADE  
34 A MOTION RECOMMENDING APPROVAL OF THE FY20 UPWP. THE MOTION WAS  
35 SECONDED BY JUSTIN RABIDOUX AND PASSED UNANIMOUSLY.

36

37 **6. Status of Projects and Subcommittee Reports (Information Item)**

38 Peter gave a brief report on the rural transit roundtable discussion from the day before. Chris Jolly asked  
39 out the hiring of a contractor for the I-89 corridor study. Eleni replied that we had.

40

41 **7. CCRPC March Board Meetings Report**

42 Peter noted that the Board met on April 17th. There was a presentation on road erosion inventory work  
43 and the Board warned a public hearing for the FY20 UPWP.

44

45 **8. Chairman's/Members' Items**

46 No items this month.

47

48 BRIAN BIGELOW MADE A MOTION, SECONDED BY BOB HENNEBERGER, TO ADJOURN  
49 THE MEETING. THE MOTION PASSED UNANIMOUSLY.

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51 The meeting adjourned at 10:30 AM.

Respectfully submitted, Peter Keating