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2 CHITTENDEN COUNTY REGIONAL PLANNING COMMISSION
3 TRANSPORTATION ADVISORY COMMITTEE - MINUTES
4

5 DATE: Tuesday, November 6, 2018
6 TIME: 9:00 a.m.
7 PLACE: CCRPC Offices, 110 West Canal St. Winooski, VT
8

9 **Members Present**

10 Lisa Schaeffler, Williston
11 Brian Bigelow, Underhill
12 Jon Rauscher, Winooski
13 Justin Rabidou, South Burlington
14 Amy Bell, VTrans
15 Bryan Osborne, Colchester, TAC Chair
16 Nicole Losch, Burlington
17 Bob Henneberger, AARP
18 Allegra Williams, Local Motion
19 Rachel Kennedy, GMT
20 Joss Besse, Bolton
21 Dick Hosking, VTrans
22 Matt Langham, VTrans
23 Richard Watts, Hinesburg
24 Chris Jolly, FHWA
25 David Allerton, Milton
26 Dennis Lutz, Essex
27 Barbara Elliot, Huntington
28 Sandy Thibault, CATMA
29 Dean Pierce, Shelburne
30 Larry Lackey, Burlington Airport
31
32
33

Staff Present

Christine Forde, Senior Transportation Planner
Eleni Churchill, Transportation Project Manager
Sai Sarepalli, Transportation Planning Engineer
Bryan Davis, Senior Transportation Planner
Peter Keating, Senior Transportation Planner
Marshall Distel, Transportation Planner
Charlie Baker, Executive Director
Chris Dubin, Transportation Planner
Regina Mahony, Planning Program Manager
Jason Charest, Senior Transportation Planning Engineer

Others

Joe Segale, VTrans
Mike LaCroix, VTrans
Karen Adams, Colchester

34 Bryan Osborne called the meeting to order at 9:00AM. He first called for a round of introductions. He
35 then announced a change to the agenda: To add a TIP amendment item as agenda item 3a.
36

37 **1. Consent Agenda**

38 JUSTIN RABIDOUX MADE A MOTION, SECONDED BY DEAN PIERCE, TO APPROVE THE
39 TWO TIP AMENDMENT ITEMS DESCRIBED IN THE CONSENT AGENDA MEMO. THE
40 MOTION PASSED UNANIMOUSLY.
41

42 **2. Approval of Minutes**

43 BRIAN BIGELOW MADE A MOTION, SECONDED BY BOB HENNEBERGER, TO APPROVE
44 THE MINUTES OF THE OCTOBER 2, 2018 TAC MEETING. THE MOTION CARRIED. Barbara
45 Elliot abstained.
46

47 **3. Public Comments**

48 None.
49

50 **3a. TIP Amendment**

51 Christine Forde handed out a memo describing the TIP change related to the Allen Brook stormwater
52 restoration project on I-89 in Williston. This normally would've been on the consent agenda (since the
53 project falls outside our fiscal constraint level), but the timing didn't work out hence it's up for separate

1 consideration now. AMY BELL MADE A MOTION TO APPROVE THE TIP AMENDMENT,
2 SECONDED BY JUSTIN RABIDOUX. THE MOTION PASSED UNANIMOUSLY.
3

4 **4. Transportation Resiliency Planning**

5 Joe Segale of VTrans described their efforts to build a tool to support transportation system resiliency. He
6 started by illustrating on a statewide map all the areas flood disasters have occurred and the number of
7 roads and structures vulnerable to damage from floods. The tool, called the Transportation (flood)
8 Resilience Planning Tool (TRPT) identifies risk in two categories: Asset vulnerability and Network
9 Criticality to determine an overall risk assessment. The composite of all risks leads to mitigation
10 strategies. The overall project, when complete, will include a resiliency app, inputs to VTrans project
11 prioritization and follow on training for users. The tool is currently being piloted in two watersheds but
12 VTrans plans to add 3 to 5 other watersheds each year. Joe described inputs to the vulnerability
13 assessment and the detailed list of variables the tool has data on. He also described the tools components
14 related to:

- 15 • Vulnerability validation
- 16 • Criticality methodology, and
- 17 • Mitigation options

18 He next brought up the TRPT internet home page to illustrate its features and described the statewide
19 flood vulnerability factors. He focused on Chittenden County maps to describe both vulnerability and
20 risk. The outcomes and uses of the tool include:

- 21 • Supports update of State Hazard Mitigation Plan
 - 22 ○ HMGP Grants post disaster
- 23 • VTrans
 - 24 ○ Project scoping
 - 25 ○ Project Selection and Prioritization
 - 26 ○ Emergency Preparedness
- 27 • Local and regional
 - 28 ○ Hazard Mitigation Plans
 - 29 ○ Capital Planning and Programs
 - 30 ○ Emergency Preparedness
- 31 • Methods could be adapted and applied to other infrastructure

32 He concluded by mentioning the tool's input to project prioritization and next steps: Training, adding
33 additional watersheds and pursuing FEMA pre-disaster mitigation funding. Some discussion topics that
34 followed included:

- 35 • Risks from FEMA in using the tool's data
- 36 • Discussion with FEMA re: Preventable measures
- 37 • ANR issues re: Not investing in some critical areas
- 38 • Use of the tool to argue for upsizing culverts

40 **5. VT 2A and VT 15 Signal Upgrade Project**

41 Mike LaCroix of VTrans introduced this project that included three route segments (US RT 2, VT RT 2A
42 and VT RT 15) and involved 19 signalized intersections. He traced its history going back to the CCRPC's
43 2014 Williston-Essex Network Transportation Study (WENTS), through VTrans programming, scoping,
44 project design and construction. An early implementation project was Adaptive Signal Control (ATSC) at
45 a location in Essex first recommended in WENTS. Mike defined ATSC in some detail noting that it isn't
46 suitable in all areas. VTrans has produced a Traffic Signal Management Plan with a strong focus on
47 performance measures and emphasizing equipment modernization. He described progress to date on
48 implementing that Plan's recommendations, including:

- 49 • Increases to VTrans traffic signal staff and budget, and
- 50 • Combining signal operations with maintenance.

51 For the corridor project, VTrans will modernize all dated traffic equipment at 18 intersections and
52 overhaul the communications between those intersections. He described the elements in the corridor's

1 systems engineering report to implement an Advanced Traffic Management System (ATMS), including
2 system needs, requirements, recommendations, and procurement. Mike next demonstrated VTrans'
3 Econolite Centrac program, highlighting the communications elements and equipment modernization,
4 and followed up with a quick demonstration of VTrans' Automated Traffic Signal Performance Measures
5 (ATSPM). The discussion that followed included the following:

- 6 • Between two thirds and three quarters of all VTrans signals are in Chittenden County
- 7 • Will this system be able to count by vehicle classification, including cyclists and pedestrians?
8 Yes, but still under discussion.
- 9 • What is the level of security of this system? VTrans is working with State Information
10 Technology on this and will require security protocols.
- 11 • Are there before/after results to share? None yet but within the year
- 12 • VTrans contact for this project is Derek Lyman

14 **6. 2018 Transportation Survey**

15 Peter introduced this project as a continuing one that has been undertaken several times in the past.
16 Starting in 2000, and every 6 since, we've surveyed the public for the following reasons:

- 17 • To periodically "gain the pulse" of our residents' attitudes towards transportation related issues
- 18 • To track attitudinal trends
- 19 • To engage the public in transportation planning
- 20 • To identify research opportunities

21 He also described the methodology and survey outline, noting that with only slight variations, this is the
22 outline for all 4 surveys since 2000. He then displayed some selected survey results that included mode
23 use, overall transportation system satisfaction, and agree/disagree attitudes in transportation system
24 details. Peter particularly noted that for the first time we asked about mode use using a transportation app
25 which revealed that 35% in the 18 to 34-year-old bracket have used this in the last month. He next
26 showed responses on the relative importance of various attributes related to system preservation, safety,
27 public transportation and highway initiatives. Respondents were asked the relative importance of a list of
28 7 different transportation related investment priorities by assigning a total of 100 points based on the
29 respondent's priorities. In this survey, as well as the previous 3, system preservation came out top
30 ranked. Safety and/or walk/bike are the number 2 and 3 priorities – another pattern that has been
31 reflected in past surveys. The survey report is nearly complete and Peter noted the following on the
32 project:

- 33 • Was presented to CCRPC Board in October
- 34 • Final report under revision
- 35 • The report will be posted to CCRPC web site by the end of the month
- 36 • There are opportunities to explore results, and compare to previous surveys, in more detail,
37 especially looking at crosstabs of gender, income and geographic responses.

38 Some comments:

- 39 • The survey notes the high priority of bike/ped yet there's no state/federal funding program for
40 maintenance of these facilities once built.
- 41 • One of the slides noted free/subsidized parking as a commuter benefit but this is not an incentive
42 to drive less, as many employers are encouraging through TDM programs.

44 **7. Chittenden County MRGP Tracking Tool**

45 Chris Dubin demonstrated a web tool he's put together to help manage the work towns are doing related
46 to the Municipal Roads General Permit program. The web site is still under development and once ready
47 will be updated every two weeks.

49 **8. FY2020 UPWP Application Changes**

50 Eleni referred members to the memo and draft letter in the meeting packet. The purpose is to discuss a
51 way to address UPWP requests for specialized data collection similar to Colchester's request from last
52 year. The UPWP Committee is looking for guidance and staff is proposing to add a new "Major Data

1 Collection/Asset Management” category to the FY 20 UPWP application with a maximum PL-funding
2 contribution by the CCRPC of \$32,000 and a minimum of 20% (\$8,000) non-federal local match.
3 Following discussion, the consensus was to list these activities as eligible and not constrict by a set dollar
4 amount. Let the towns prioritize their planning requests and not impose a funding cap. Also consider
5 partial awards if needed to balance requests.
6

7 **9. Status of Projects and Subcommittee Reports**

8 Bryan Osborne referred members to the project list on the reverse side of the meeting agenda.
9

10 **10. CCRPC October Board Meeting Report**

11 Peter referred members to meeting description on the agenda.
12

13 **9. Chairman’s/Members’ Items**

14 Sai reported on how CCRPC staff can help communities with traffic signal projects. RPC staff will be
15 doing small intersection projects and members are encouraged to contact Sai if interested.
16

17 The meeting adjourned at 11:05 a.m.
18

19 Respectfully submitted, Peter Keating