

CHITTENDEN COUNTY REGIONAL PLANNING COMMISSION
TRANSPORTATION ADVISORY COMMITTEE
AGENDA

DATE: **Tuesday February 6, 2018**
TIME: **9:00 a.m.**
PLACE: **CCRPC Office, 110 West Canal St. Winooski**

DELIBERATIVE AGENDA:

1. Action on Consent agenda – 9:00 – 9:05
No items this month.
2. Minutes of January 9, 2018 – (Action Item) 9:05 - 9:10
See attached.
3. Public Comment Period (Information item) 9:10 - 9:15
Members of the public are invited to raise issues of interest or concern to the TAC on items not on the agenda.
4. Transportation Performance Measures and Targets (Information and Action Item) 9:15 – 10:00
Our federal planning rules include consideration of adopting our own regional performance targets under several national goal areas. This activity must be coordinated with VTrans and GMT. See attached memo for further information.
5. Project Prioritization Methodology (Information Item) 10:00 – 10:30
This process has been under study and revision at VTrans, with implications for our regional prioritization process. Staff will provide an update.
6. Annual List of Projects Receiving Federal Funds for FY17 (Information Item) 10:25 – 10:35
This report identifies what's been funded in the past year and allows us to track TIP implementation. Staff will give an update.
7. Status of Projects and Subcommittee Reports (Information Item) 10:35 – 10:40
See bulleted list on the reverse for current CCRPC projects. TAC members are encouraged to ask staff for more information on the status of any of these on-going or recently completed projects.
8. CCRPC January Board Meeting Report (Information Item) 10:40 – 10:45
The Board held a public forum for the FY19 UPWP, approved the FY18 UPWP midyear budget adjustment, and approved the draft MTP for a first public hearing on 2/21/18.
9. Chairman's/Members' Items (Information Item) 10:45 – 10:50

Next Meeting: Wednesday, March 7, 2018

In accordance with provisions of the Americans with Disabilities Act (ADA) of 1990, the CCRPC will ensure public meeting sites are accessible to all people. Requests for free interpretive or translation services, assistive devices, or other requested accommodations, should be made to Emma Vaughn, CCRPC Title VI Coordinator, at 802-846-4490 ext. *21 or evaughn@ccrpcvt.org, no later than 3 business days prior to the meeting for which services are requested.

Project list:

- Title VI program participation and Public Participation Plan implementation
- Participation in the Vermont Highway Safety Alliance
- Participation in the State's Rail Council
- Regional Transportation Model Update
- Metropolitan Transportation Plan (MTP) Update
- Coordination with United Way on the Neighbor Rides Program
- 2018 Regional Transportation Survey
- Exit 14 Area Signal System Assessment Study (Burlington/South Burlington)
- Advanced Traffic Monitoring System through FHWA AID grant – Pilot Corridor Implementation
- Countywide NHS Review and Update
- LPM services for Underhill sidewalk construction on VT 15 – Construction postponed
- LPM services for Hinesburg – Village South Area Sidewalk on VT 116 – Conceptual Design
- VT 117 and Skunk Hollow Road Intersection Scoping Study, Jericho
- Shelburne Road from I-189 to Prospect Pkwy Signal System Assessment Study, Burlington
- Winooski Avenue Corridor Study (Burlington)
- Amtrak Train Overnight Storage Study (Greater Burlington Area)
- Coordination with GMT on ADA, NextGEN and Elders & Disabled advisory committees
- Railyard Enterprise Supplemental Scoping of Alternative 1B (Burlington)
- Winooski River Bridge Scoping Study (Burlington/Winooski)
- South Burlington Bike Ped Gaps scoping
- Intervale Ave. Scoping (Burlington)
- Colchester Ave/Riverside Ave/Barrett St Intersection Scoping (Burlington)
- US 7 Southern Gateway Scoping (Shelburne)
- North Williston Road Scoping Study (Williston)
- Traffic calming studies for Blair Park Road, Brennon Woods/Chamberlain Lane (Williston)
- So. Burlington Williston Road Area Transportation and Land Use Network Analysis
- So. Burlington VT116-Kimball-Tilley Land Use and Transportation Plan
- Williston Exit 12 Transportation Improvement District (TID) Pilot Project
- Jericho Riverside Future Street Network Study
- I-89 Exit 14 Bike/Pedestrian Crossing Study (South Burlington)
- Essex Path/Sidewalk Impact Policies
- Williston Transportation Impact Fees
- Shelburne Phase 2 of Form Based Zoning to Improve Walkability
- Overhaul of South Burlington's Traffic Overlay District
- Update to South Burlington's Transportation Impact Fee Ordinance
- ADA Evaluation of Pedestrian Facilities (Essex/Essex Junction)
- Malletts Bay Stormwater and Transportation Management Plan (Colchester) - *Completed*
- Regional Transportation Energy Planning
- Transportation Hazard Mitigation Planning
- Municipal Road General Permit (MRGP) Work
- Grants-In-Aid Coordination with Municipalities.
- VT15 Sidewalk/Path Scoping Study – Athens Drive to VT 289
- VT15 Bicycle/Pedestrian Improvements Scoping Study – Ethan Allen Avenue to West Street Extension
- Winooski Main Street Revitalization Project – Streetscape Scoping

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

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

9 **Members Present**

10 Dean Pierce, Shelburne
11 Joss Besse, Bolton
12 Dave Armstrong, GMT
13 Bruce Hoar, Williston
14 Chris Jolly, FHWA
15 Robin Pierce, Essex Junction
16 Ashley Bishop, VTrans
17 Brian Bigelow, Underhill
18 Mary Anne Michaels, Rail
19 Ryan Lambert, Winooski
20 Barbara Elliot, Huntington
21 Amy Bell, VTrans
22 Dean Bloch, Charlotte
23 Sandy Thibault, CATMA
24 Luke Valentine, St. George
25 Nicole Losch, Burlington
26 Justin Rabidoux, South Burlington
27

Staff Present

Regina Mahony, Planning Program Manager
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
Charlie Baker, Executive Director
Marshall Distel, Transportation Planner
Jason Charest, Senior Transportation Planning Engineer

Others

Rick Brown, Burlington International Airport

28 Peter Keating called the meeting to order at 9:00AM and asked for a round of introductions.
29

30 **1. Consent Agenda**

31 No items this month.
32

33 **2. Approval of Minutes**

34 The December 5th minutes were approved without changes.
35

36 **3. Public Comments**

37 There were none.
38

39 **4. MTP Update**

40 Peter Keating noted that an initial 2018 MTP draft was considered and discussed at the December 2017
41 TAC meeting. Various sections of the MTP had, as well, previously been presented and discussed at the
42 September, October and November TAC meetings. Peter reported that this January draft MTP includes
43 the following sections with changes from December noted:

- 44 1. Introduction and Background – Federal regulations and guidelines; the MTP in context with other
45 responsibilities; no changes from December draft.
- 46 2. Transportation Goal, Issues, and Performance Measures – updated since December to include
47 more ECOS transportation related indicators, and a revised performance management section.
- 48 3. Existing Metropolitan Transportation System – Current conditions; since December, new content
49 included volume/capacity text and map, new detail on bridge sufficiency ratings, a new section on
50 transportation and health, and more content on regional travel patterns.
- 51 4. Financial Plan – No changes from December draft.
- 52 5. Scenario Planning Review and Future Conditions – Since December, new section on scenario
53 results (presented at October TAC meeting) and MTP scenario results (presented at November TAC
54 meeting), also new text on MTP scenario greenhouse gas emissions.

1 6. MTP Corridors - No change from December, however, the project tables will need updating to
2 reflect the latest input from municipal outreach efforts.

3 7. MTP Investments and Project List – From December draft, change GMT future headways from
4 20 to 15 minutes, and new language on rail facility investments and rail car storage. The MTP projects
5 list reflected numerous updates from December draft.

6 8. Environmental Impacts and Mitigation Report – Minor changes to the text, but no substantial
7 changes from December draft.

8 Peter noted the main themes of the draft MTP recommendations were:

- 9 – Maintain/preserve the existing system
- 10 – Complete all TIP Projects
- 11 – Move away from SOV projects and support transportation alternatives
- 12 – Use technology: Implement more ITS solutions
- 13 – Shift away from fossil fuels to alternatives, especially renewably generated electricity
- 14 – Land-use concentration to enhance more walking, biking and transit

15 The major projects envisioned include three lanes on I-89 between Exits 14 and 15 and a possible new I-
16 89 interchange between Exits 12 and 16, subject to further study. Peter also reported that since the link to
17 the draft was posted on our website, and notice distributed via Front Porch Forum, we had received 70
18 written comments from 20 individuals. The general themes from the commenters included:

- 19 – More transit, including rail
- 20 – Consider autonomous vehicles
- 21 – Adopt climate action goals that correspond with UN Paris agreement
- 22 – No new roads; reconsider Champlain Parkway and Interstate expansion
- 23 – More roundabouts, fewer signalized intersections
- 24 – More and better bike facilities
- 25 – More ambitious safety targets; adopt Vision Zero

26 During discussion that followed, transit in general, and the recommended switch from 20 minute to 15
27 minute transit headways in particular, garnered comment. Determining the cost of the change was one
28 concern as well as changing the description in the MTP text. Mentioning that Colchester become a full
29 GMT member was suggested and Dean Pierce mentioned how transit plans usually involve tradeoffs in
30 order to implement and all such tradeoffs should be identified. Amy Bell reported that VTrans staff will
31 be looking over the MTP draft in the coming weeks.

32
33 Following discussion, JUSTIN RABIDOUX MADE A MOTION THE TAC RECOMMEND THE
34 CCRPC BOARD WARN A PUBLIC HEARING ON THE MTP FOR ITS FEBRUARY 21, 2018
35 MEETING AND EVALUATE THE FISCAL IMPACT OF THE PROPOSED 15 MINUTE HEADWAY
36 ON ALL GMT ROUTES. THE MOTION WAS SECONDED BY ROBIN PIERCE AND PASSED
37 UNANIMOUSLY.

38 39 **5. 2018 Transportation Survey**

40 Peter reported that the CCRPC's every 6-year survey of Chittenden County residents on their attitudes on
41 transportation related issues, is due to occur this coming spring. An RFP for this work was issued in mid-
42 December and proposals are due this coming Friday, 1/12. CCRPC staff would like TAC volunteers in
43 reviewing those proposals. Sandy Thibault and Dave Armstrong agreed to help. Amy Bell will work on
44 getting a VTrans volunteer to help as well.

45 46 **6. FY 2019 UPWP**

47 Marshall Distell reported that it was time to start the development of next year's work program. He
48 estimated that there was \$800,000 available for planning work to address local and regional partner
49 issues. Planning work could include transportation as well as land use and water quality issues. The
50 deadline to receive applications from towns and regional partners is 1/19. The UPWP committee will

1 meet over the coming months and make funding recommendations to the Board. Marshall noted that
2 TAC members Justin Rabidoux and Barbara Elliot serve on the UPWP committee.

3
4 **7. Status of Projects and Subcommittee Reports**

5 Peter referred members to the project list on the back of the agenda and encouraged members to inquire
6 on project status if interested.

7
8 **8. CCRPC December Board Meeting Report.**

9 Peter reported that the Board did not meet in December

10
11 **9. Chairman's/Members' Items**

12 Bryan Davis reminded members that he is compiling Complete Streets forms for submission to VTrans.
13 He also noted the recent FHWA decision to no longer allow funding for Rectangular Rapid Flashing
14 Beacons (RRFB) as there are issues with the device's patents. Since VTrans has adopted MUTCD
15 regulations, VTrans will no longer allow the installation of new RRFB devices. Those in service can
16 remain. The issue is still evolving, and more information will hopefully be available soon. Chris Jolly
17 noted that Roger Thompson of the VT FHWA office was following this closely and could answer
18 questions.

19
20
21 The meeting adjourned at 9:50 a.m.

22
23 Respectfully submitted, Peter Keating



CCRPC Transportation Advisory Committee

February 6, 2018

Agenda Item 4: Action Item

Transportation Performance Measures and Targets

Background: The most recent Federal Transportation Acts (MAP-21 and FAST Act) place considerable emphasis on system performance and direct State Departments of Transportation (DOTs), MPOs and Transit Providers to evaluate how well the transportation system is doing. At the national level, the Federal Highway Administration (FHWA) and the Federal Transit Administration (FTA) have established a Transportation Performance Management (TPM) program, a strategic initiative, designed to achieve national transportation performance goals. The intent is to measure progress against the national goals through a reliable data-driven process.

FHWA has established measures in the following areas:

- Safety
- Infrastructure Condition (Pavement & Bridges)
- Congestion
- System Reliability (NHS Performance)
- Freight Movements (Interstate)
- Environmental Sustainability

Once the measures are established, it is up to state DOTs and MPOs to set quantifiable targets to gauge progress towards national goals. The schedule to establish targets, varies by measure. Federal regulations generally have state DOTs set performance targets in the various categories and then give MPOs another 180 days to either adopt the State targets or establish their own. Safety targets were the first to be established and reported to FHWA by all DOTs and several MPOs. VTrans established and reported their safety targets in the summer of 2017 and the **CCRPC has a deadline of February 27, 2018 to act on these.**

VTrans, the CCRPC and other stakeholders have collaborated closely through the winter and spring of 2017 to develop statewide targets for the five performance measures that were established under the Safety category in support of the state's Highway Safety Improvement Program (HSIP).

Under federal regulations the CCRPC can either:

1. Accept the state targets and support them through programming; or
2. Define their own quantifiable targets for the MPO area

The FHWA safety measures and the VTrans statewide 2018 targets are listed below:

- | | |
|--|---------------------------|
| • 5-Year Average Fatalities | 2018 Target: 57.0 |
| • 5-Year Fatality Rate | 2018 Target: 0.830 |
| • 5-Year Average Serious Injuries | 2018 Target: 280.0 |

- **5-Year Average Serious Injury Rate 2018 Target: 4.0**
- **5-Year Average Non-Motorized Fatalities and
Non-Motorized Serious Injuries 2018 Target: 39.4**

Staff will present and discuss the statewide and regional safety data (fatalities and serious injuries) at the February TAC meeting.

Moving forward, the CCRPC along with VTrans and GMT (who will be setting FTA targets regarding the state of their assets) will be coordinating on all future performance target setting and reporting. The TAC will be receiving updates regularly on this coordination process and reporting.

**Staff
Recommendation:**

The TAC recommends that the CCRPC Board accepts the VTrans statewide safety targets as reported in the 2017 HSIP Report and not set regional (MPO) targets this year (2018).

Several factors that were considered to reach this recommendation are listed below:

1. The regional level data on fatalities and injuries fluctuates (sometimes wildly) from year to year making it difficult to establish a clear, reasonable data-driven target.
2. There are no practical policy or financial consequences for the CCRPC to set (or not set) regional targets.
3. Safety is important and the CCRPC is committed to incorporate the federal safety performance measures into the ECOS/MTP report (together with other transportation measures) and track and report regional safety data annually as part of the ECOS Scorecard.
4. The CCRPC will have an annual opportunity (every February 27th) to set safety targets for the MPO region, if it so chooses.

Staff contact: Peter Keating, pkeating@ccrpcvt.org or 861-0124