CHITTENDEN COUNTY REGIONAL PLANNING COMMISSION
TRANSPORTATION ADVISORY COMMITTEE
AGENDA

DATE: Tuesday, May 5, 2020
TIME: 9:00 a.m.
PLACE: REMOTE ATTENDENCE ONLY USING ZOOM - download and install the free Zoom meeting app (https://www.zoom.us/). Once downloaded follow the join meeting prompts.

Click to Join Zoom Meeting:
https://us02web.zoom.us/j/82462008536?pwd=NVllaWlyZEU2aXRaNHUxZIY5cHoyZz09
Meeting ID: 824 6200 8536
Password: 684952

For those who would prefer to join by phone or those without a microphone on your computer, please dial in using your phone.
One tap mobile: +16468769923,,82462008536#,,1#,684952#

When participating remotely, please wait until you are recognized by the Chair before you speak. For each agenda item, the Chair will make sure to ask if anyone participating remotely would like to speak.
   a. Use the “chat” feature, raise your hand if on video, or ask the Chair to request to speak. To ensure everyone is heard, only one person should speak at a time.
   b. When recognized by the Chair, introduce yourself each time.
   c. Speak up so everyone in person and on the phone can hear clearly.
   d. When participating remotely, take steps to avoid background noise, and make sure your microphone/phone is muted when you are not speaking.

DELIBERATIVE AGENDA:

1. Call to Order, Attendance (5 min)

2. Consent agenda (5 min)
   See attached memo.

3. Minutes of March 4, 2020 (Action Item – 5 min)
   See attached minutes.

4. Public Comment Period (Information item – 5 min)
   Members of the public are invited to raise issues of interest or concern to the TAC on items not on the agenda.

5. Draft FY21 UPWP (Action Item – 15 min)
   See attached pdf. Marshall Distel, CCRPC staff, will review the draft FY21 UPWP (CCRPC work plan) and ask for a recommendation to the Board.

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.
6. Chittenden Area Transportation Management Association (CATMA) Strategic Business Plan (Information Item – 15 min)
Sandy Thibault, CATMA, will share highlights of the organization’s recently adopted strategic business plan and its relationship to Chittenden County municipalities and businesses.

7. COVID-19 Impacts for this construction season (Discussion Item – 20 min)
Opportunity for members to discuss the anticipated impact of COVID-19 on construction and maintenance work this season.

8. Regional and State Funding Opportunities (Information Item – 10 min)
Separate Excel attachment. CCRPC staff will share an updated funding opportunities spreadsheet for review.

9. Status of Projects and Subcommittee Reports (Information Item – 1 min)
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.

10. CCRPC Board Meetings Report (Information Item – 5 min)
In March the Board heard an update on the COVID-19 response, approved a Major TIP Amendment for US7 Signal Upgrades in Shelburne-South Burlington, approved the FY22 VTrans Capital Program Prioritization, approved Executive Committee authority to make decisions on the Clean Water Service Provider effort, and heard a legislative update on a number of bills. In April a Board Workshop was held to review a Clean Water Service Provider Draft Proposal.

11. Chairman’s/Members’ Items (Information Item – 5 min)

Next Meeting: Tuesday, June 2, 2020
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
- Coordination with United Way on Neighbor Rides and Elders & Disabled Program analysis
- Lake Street Stormwater and Sidewalk Feasibility Study (Burlington)
- River/Pleasant Valley Road Bicyclist and Pavement Analysis (Underhill)
- Winooski Transportation Impact Fee Study
- Advanced Traffic Monitoring System through FHWA AID grant – Maintenance and Monitoring
- LPM services for Underhill sidewalk construction on VT 15
- LPM services for Hinesburg – Village South Area Sidewalk on VT 116
- LPM services for Shelburne – Irish Hill Road Sidewalk and Pedestrian Bridge project
- Packard Road and Raceway Road Paving Analysis Study (Jericho)
- Winooski Avenue Corridor Study (Burlington)
- Amtrak Train Overnight Storage Study (Burlington) – Completed
- Coordination with GMT on ADA and Elders & Disabled advisory committees
- Railyard Enterprise Supplemental Scoping (Burlington)
- South Burlington Ped. Crossing and Bike Access
- So. Burlington VT116-Kimball-Tilley Land Use and Transportation Plan
- Update to South Burlington’s Transportation Impact Fee Ordinance
- Regional Transportation Energy Planning
- Transportation Hazard Mitigation Planning
- Municipal Road General Permit (MRGP) Work
- Grants-In-Aid Coordination with Municipalities.
- 2019/2020 Way to Go! to School
- Greenride Bikeshare
- City Center Parking & Movement Plan, South Burlington
- Chittenden County I-89 2050 Study
- Congestion Policy Evaluation
- East Allen Street Gateway Enhancements Scoping Study (Winooski) - Completed
- Lower Village Supplemental Scoping Study (Huntington)
- Richmond Road Intersection Scoping (Hinesburg)
- Colchester Ave Protected Bike Lanes and East Ave Intersection Improvements (Burlington)
- Marshall Ave shared use path scoping (Williston/South Burlington)
- CCTV Stormwater infrastructure inspection project (Essex/Essex Junction)
- CCTV Stormwater infrastructure inspection project (Winooski)
- Essex Tanglewood Drive Shared-Use Path and Stormwater Scoping study
- Bikeway Connectivity, Pedestrian Safety, and Stormwater Management in the Old North End (Burlington)
- Watershed Resiliency Mapping/Transportation Resiliency Planning Tool (TRPT; Bolton, Richmond, Huntington (and a little bit of Jericho, Essex and Williston))

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CCRPC Transportation Advisory Committee  
May 5, 2020  
Agenda Item 1: Consent Item  

FY2020 Transportation Improvement Program (TIP) Amendments  

Issues  

Add the following SFY2020 Transportation Alternatives Grant awards to the TIP.  

Schifilliti Park Shared Use Path, Burlington (Project BP110, Amendment FY20-11)  

- Burlington was awarded a 2020 Transportation Alternatives Grant of $285,728 (federal funds) to construct a path between James Avenue and Gosse Court though Schifilliti Park in Burlington. Add $35,000 for PE in FY20.  

Lee River Road Sidewalk, Jericho (Project BP100, Amendment FY20-12)  

- Lee River Road Sidewalk, Jericho was awarded an additional $100,000 (federal funds) in 2020 Transportation Alternative Grant funds to construct an 1,000 foot sidewalk on Lee River Road. The project was previously awarded a 2017 Transportation Alternatives grant $220,587 (federal funds) and this grant will supplement those funds.  

Kimball/Marshall Avenue Bicycle & Pedestrian Facilities over Muddy Brook, South Burlington (Project BP111, Amendment FY20-13)  

- South Burlington was awarded a 2020 Transportation Alternatives Grant of $300,000 (federal funds) to construct a 10-foot wide shared use path to be included in the Muddy Brook Culvert Replacement project.  

Additional Information  

For your information please find attached a list of FY20 TIP Amendments to date and the status of CCRPC’s fiscal constraint limit. Note that Interstate projects and grants are not subject to CCRPC’s fiscal constraint.  

Staff Recommendation:  

Recommend that the TAC approve the proposed TIP amendments.  

For more information, contact:  

Christine Forde  
cforde@ccrpcvt.org or 846-4490 ext. *13
## Status of CCRPC Fiscal Constraint
### FY20-23 TIP

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**Status of Fiscal Constraint**

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Bryan Davis called the meeting to order at 9:02AM, calling for a round of introductions.

1. Consent Agenda: No consent agenda.

2. Approval of Minutes
Bryan asked for any changes, which there were none. DENNIS LUTZ MADE A MOTION TO APPROVE THE MINUTES OF FEBRUARY 4, 2020, SECONDED BY BOB HENNEBERGER. THE MOTION PASSED UNANIMOUSLY.

3. Public Comments
None.

4. US7 Signal Upgrades, Shelburne-South Burlington
Taylor Sisson and Kelsi Record, VTrans staff, presented information about signal upgrades on US 7 in Shelburne and South Burlington. This project is a Federal AID grant award of 996,000 with 20% state match awarded January 2019 to enhance 17 signal (16 state-owned) performance on Shelburne Road corridor (Webster Rd to I-189). Two projects defined under the grant based on signal ages: 10 signals about 15 years old from Webster to Holmes/IDX, and 6 much older signals from Fayette to I-189. One signal at I-189 off ramp is municipal owned. Contract 1 has apparent low bidder (not yet awarded) and is planned to start in June 2020 and end in October. Contract 2 to be bid in summer 2020 with construction planned for 2021. Project benefits include: monitoring traffic and adjusting signal timing remotely; technicians receiving automatic alerts in event of failure; Automated Traffic Signal Performance...
Measures (ATSPMs); reduced left turn delay; improved signal coordination; and replaces dated equipment.

Dean asked if any private info is captured by cameras? Taylor replied that nothing private is captured and no data imagery (e.g., like red light running) is stored. Dean noted that the Charlotte signal replaced recently improved traffic flow at the intersection.

Karen asked if the new technology can be used to capture license plates? Taylor replied that they are not designed to capture that level of detail. Karen asked if the technology would be able to be used for preferential crossing for bikes/peds? Taylor replied that the cameras are only really designed to monitor traffic and not be able to take video. The new signals use radar to monitor advance stop bar and queue lengths, etc. Karen asked if the technology can detect and differentiate between bikes and cars? Yes it can detect bikes but is currently used to detect presence rather than say, capture bike counts. Pedestrian signal infrastructure is separate from the technology that detects cars and bikes. VTrans staff will be able to monitor flow of cars and bikes.

Dennis complimented VTrans on their VT 15 work and asked who the contractor is for this project. Taylor replied that contract 1 hasn’t been awarded yet but VTrans has received an apparent low bid. There was a question that if the signals are being monitored, is there a system set up for a quicker way to get signal issues to the right operations people? Taylor replied that yes, this system establishes remote communications and would tie the 16 signals into that system so operations staff would get notified if signal went to flash mode or went out or some other issue.

Dean Pierce asked about the benefits slide and noted he previously heard this project will improve level of service for vehicles throughout corridor; is that a benefit, and has that been quantified? Taylor responded that since VTrans isn’t doing any lane configuration changes, the benefit is that signals will be able to respond to traffic flow and essentially “fine tune” the system, but there hasn’t been any quantified time savings at this point. Flashing yellow arrows will reduce delay for left turns, which is currently wait on red for protected only green. Shelburne intersection delays would need a more robust study.

Joss noted that it looks like two years of summer construction and asked about any mitigation efforts. Taylor noted that VTrans is planning for all work to be done at night, and other work can occur off of the roadway during daytime hours. Two-way traffic is planned during the entire construction period.

Chris Jolly pointed out that performance measures were noted and asked if there is baseline data to measure improvements. Taylor said yes, the operations team is collecting a range of data but current infrastructure limits ability to collect some baseline data.

Karen asked if there is anything in the prioritization that is not improving traffic flow, e.g., safety, transit access, etc.? Response was that performance measures are mostly operational traffic flow like arrivals on red, how often cars have to stop, queue length, etc. Karen expressed concern about the challenge for pedestrians to cross US7 and questioned if the project was creating a corridor that would move cars through faster.

5. Chittenden County Projects in SFY2021 VTrans Transportation Capital Program

Christine Forde, CCRPC staff, gave a presentation on Chittenden County projects listed in the SFY2021 VTrans Capital Program.

Dennis asked are funds available only in year shown for projects that are in the capital plan. Christine noted that yes, the budget year is significant but the list gets reshuffled every year. Dennis asked if projects can move up the list quicker if they are ready sooner? Yes but only if funds are available. Note that we would need to amend the TIP and work with the JTOC (Joint Traffic Operations Committee) as well.

There was a question about the timing of the Williston Park and Ride, which is to be constructed in 2021.
Christine noted that the Bolton project is for scoping and is in process, and there might be a recommended short-term project that could move forward.

It was clarified that the Williston Exit 12 project is for one of the four phases rather than for the full project.

6. **SFY2022 Project Prioritization and Town Highway Bridge Pre-Candidate Prioritization**

Christine Forde, CCRPC staff, gave a presentation on the SFY2022 Project Prioritization and Town Highway Bridge Pre-Candidate Prioritization. RPCs asked by VTrans to score their project list, and the results of CCRPC scoring included in the March meeting packet. The CCRPC also scores pre-candidate town highway bridges for up to 10 projects.

Lisa asked about the number one ranked Roadway project at Industrial Ave and asked that we all make sure that the Marshall Avenue/Muddy Brook project and this project are not happening at the same time, which would have significant traffic impacts. She noted that Williston passed a bond vote yesterday so the hope is that Marshall Ave/Muddy Brook will go to construction next year.

Dean Pierce asked why the Shelburne Bay Road bridge was the number one project but now is number 2? Christine noted that these projects are ranked statewide and other bridges that deteriorated faster moved up the list. Dean asked that, in terms of regional ranking and review of specific scores, if detour length is the primary reason the Huntington bridge moved up? Response that yes, we believe that’s correct. Robin noted that it seems weird that detour length would trump safety and condition. Christine noted that being located in a designated Village also has a scoring impact, but Huntington may not be ready for their bridge to move forward. We will continue to work with VTrans on this process.

**DENNIS LUTZ MADE A MOTION TO APPROVE THE 2022 REGIONAL PROJECT SCORES AND TOWN HIGHWAY BRIDGE PRE-CANDIDATE REGIONAL PROJECT SCORES AND FORWARD TO VTRANS, SECONDED BY DEAN PIERCE. THE MOTION PASSED UNANIMOUSLY.**

Christine then gave an update on VPSP2, which is the new project prioritization methodology and criteria, and will to a large extent replace the project prioritization process just described. Christine reviewed a comparison of 2022 prioritization using VPSP2, which does not give points for projects that are in the TIP and so the scoring/rank changes from the current project. The VPSP2 methodology favors larger projects that “check more of the boxes,” e.g., roadway + bike/ped + stormwater, etc.

Dennis noted that projects tend to group by scores but we have to choose specific projects, and questions whether the top scoring project is really the number one project, or is it more of a judgement call. There is no perfect methodology so the new system may not be better than the old system. Christine pointed out that the new system tends to score bigger projects that check more boxes higher, and Dennis noted that’s part of the problem – if we do more of the smaller projects, that might have a bigger impact on other issues as well. Discussion noted that this is still an imperfect system but it serves as a guideline, and the Legislature requires VTrans to have a prioritization system. The new scoring system is still in development and will mostly be used in the Modernization and Expansion category, not Asset Management, etc., and will be used to add new projects to the system.

Dean noted the TAC’s previous conversation about adding new criteria like economic development, recreation opportunity, jobs creation, etc., and asked if those have been incorporated? Christine said yes they have, but we don’t have a new version of the methodology to share today.

Chris Jolly asked why the Exit 14 signal upgrade is listed in Traffic Operations and Safety and not in Asset Management? Christine pointed out that that this is a bigger project than what is implied in the project title.
Charlie asked if the TAC is interested in seeing a scoring comparison of the old vs new system to get feedback since neither is perfect. We have a timeframe to test it out and discuss changing weights, etc. Christine will share the new scoring sheet and notes that the project categories need to be better defined. The VPSP2 Committee, on which Christine serves, meets next week to continue working on details.

Charlie encourages the TAC to look more closely at the criteria and we’ll provide a next version for review. Note that there’s been discussion of allowing RPCs to have some flexible points to address project issues not captured in scoring criteria.

7. Municipal Roads General Permit Update
Chris Dubin, CCRPC staff, presented an update on the MRGP and what items are due in the coming months. He reminded the TAC that there are different forms for MS4 and non-MS4 communities, which have likely changed slightly from last year and to make sure to use the most current one that can be found on the DEC MRGP home page. Chris Jolly asked which towns are MS4, and they are Burlington, Colchester, Essex, Essex Junction, Milton, Shelburne, South Burlington, Williston, and Winooski.

8. Status of Projects and Subcommittee Reports (Information Item):
Bryan noted that the project list on the back of the agenda identifies current projects, and TAC members can follow up with staff about these or other projects.

Chris Jolly asked about the congestion policy evaluation project, and Jason replied that the CCRPC contracted with RSG and is working with VTrans to look at whether there are measures other than level of service that could be used to measure congestion impacts, starting in Chittenden County. They are currently in the information gathering stage. Chris asked how do we define a “proposed development?” Jason noted anything that will go through Act 250 process and would come to the TAC.

9. CCRPC Board Meeting Report
In February the Board heard a presentation on US7 signal upgrades from VTrans staff and warned a public hearing for a major TIP amendment, voted to approve Safety Performance Targets for the Metropolitan Planning Area, discussed Proposed VTrans Capital Program Projects, and discussed an RFP for Clean Water Service Provider.

10. Chairman’s/Members’ Items:
- Sai briefly discussed CCRPC’s capability to evaluate signal timing plans for traffic signals maintained by local municipalities and asked TAC members to reach out to the staff if they are interested in seeking technical assistance to analyze current traffic signal timing plans in their towns.
- Bryan asked TAC members to provide any topic suggestions for future meetings, noted that the new VTrans Path and Sidewalk Cost Report is available (https://vtrans.vermont.gov/sites/aot/files/highway/documents/ltf/VTrans%20Path%20and%20Sidewalk%20Cost_Report_2020.pdf), asked TAC members if they had a preference of holding more conference calls when possible, and noted that VT Local Roads is planning their popular River and Roads Tier 2 training (https://localroads.vermont.gov/content/upcoming-workshops-0).
- Charlie noted that staff could present the I-89 study in the coming months.

ROBIN PIERCE MADE A MOTION TO ADJOURN, SECOND BY, AMY BELL, APPROVED UNANIMOUSLY.

The meeting adjourned at 10:41 AM.

Respectfully submitted, Bryan Davis