DATE:       Tuesday, July 5, 2016  
TIME:       9:00 a.m. 
PLACE:      CCRPC Office, 110 West Canal St. Winooski

DELIBERATIVE AGENDA:

1. Action on Consent Agenda 9:00 - 9:05  
   See attached memo on minor TIP amendments.

2. Minutes of May 3, 2016 – (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. FY17 Transportation Improvement Program (TIP) (Action Item) 9:15 – 9:40  
   A draft TIP has been developed for the coming four years. See the attached for more information and a recommendation.

5. Travel Demand Model Consultant Selection (Action Item) 9:40 – 10:00  
   This project was recently rebid. The evaluation committee will be meeting after 6/27 when proposals are due. Staff will bring a memo and update the TAC at this meeting.

6. I-89 Exit 14 Systems Engineering Analysis (SEA) (Action Item) 10:00 – 10:20  
   Proposals were recently submitted to provide consulting services in developing a Systems Engineering Analysis for the Adaptive Traffic Signal Control System for the Exit 14 Area. See attached staff memo.

7. Status of Projects and Subcommittee Reports (Information Item) 10:20 – 10:30  
   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 May and June Board Meetings Report (Information Item) 10:30 – 10:35  
   The Board met on May 18th and June 15th. At those meetings the Board approved the FY17 UPWP, the agreement between VTrans, CCTA and CCRPC, and warned a public hearing for the FY17 TIP.

9. Chairman’s/Members’ Items (Information Item) 10:35 – 10:40

CONSENT AGENDA – See attached memo.

Next Meeting: Tuesday, September 6, 2016
Project list:

- TDM/TCSP Project coordination (TCSP contract ended June 30)
- Electric vehicle infrastructure planning – Phase III (engage stakeholders re. Charging Station installation including equipment, locations, permitting & potential funding sources)
- Title VI program participation and Public Participation Plan implementation
- Participation in working groups for the Vermont Highway Safety Alliance
- Participation on the State’s Transportation Proportional Share Implementation (Act 145)
- Participation in the State’s Rail Council
- Coordination with United Way on the Neighbor Rides Program
- Adaptive Signal Control Planning – Systems Engineering Analysis – Burlington/South Burlington
- Advanced Traffic Monitoring System through FHWA AID grant – **Stakeholders Workshop**
- Systemic Local Roads Safety (SLRS) Program – Identify potential high risk locations
- Allen Martin/VT 15 Intersection Scoping Study (Essex)
- Expanded National Highway System (NHS) & Functional Class Review and Update
- LPM services for Underhill sidewalk construction on VT 15
- LPM services for Shelburne sidewalk construction on US 7
- LPM services for South Burlington sidewalk construction on VT 116
- LPM services for Milton Railroad St rail crossing bike/ped improvements scoping
- LPM services for Huntington Lower Village Bike/Ped scoping
- LPM services for Jericho Four Corners/Lee River Road Bike/Ped scoping
- Burlington Walk Bike Plan technical committee
- Charlotte Park and Ride Study
- South Burlington Sidewalk/Path Gaps Scoping
- Regional Active Transportation Plan
- Burlington Winooski Avenue Circulation Study
- Colchester Ave/Riverside Ave/Barrett St Intersection Scoping (Burlington)
- US 7 Southern Gateway Scoping (Shelburne)
- Winooski Transportation Master Plan
- North Ave Pilot Study (Burlington)
- Railyard Enterprise Scoping/PEL Project (Burlington)
- Transportation Hazard Mitigation Planning
- Transportation & Land Use Planning with Winooski and Shelburne
- Winooski River Bicycle/Pedestrian Bridge
- So. Burlington Williston Road Area Transportation and Land Use Network Analysis
- So. Burlington Chamberlin Neighborhood & Airport Area Transportation and Land Use Master Plan
- So. Burlington VT116-Kimball-Tilley Land Use and Transportation Plan
- Williston Exit 12 Transportation Improvement District Pilot Project
DATE: Tuesday, May 3, 2016
TIME: 9:00 a.m.
PLACE: CCRPC Offices, 110 West Canal St. Winooski, VT

1. Consent Agenda
   N/A this month.

2. Approval of Minutes
   A MOTION TO APPROVE THE MINUTES OF April 5th, 2016 PASSED UNANIMOUSLY.

3. Public Comments
   There were none.

4. Tri State ATMS Project Update
   Robert White of VTrans attended to present this traveler information system jointly run by Vermont, New Hampshire and Maine. The website recently launched in VT and features information to the public on:
   - Construction activities
   - Special events
   - Crashes
   - ITS inventory like cameras, weather instruments and message boards
   - WAZE data from Google
   - Travel times (New Hampshire only)

   The site also features a sign up called My Trips where travelers are able to receive travel alerts related to specific routes and build their own accounts. Robert reported that CCRPC will have the ability to add their own content to the site but must be responsible to keep their input up-to-date. Site roll out for New Hampshire and Maine will take place later this month.

5. FY17 Unified Planning Work Program (UPWP)
   Charlie Baker gave an update on the development of next year’s work program noting the Board had warned a public hearing for May. The UPWP committee and staff had been refining the program the past few months and it’s now ready for approvals. BRUCE HOAR MADE A MOTION THE TAC
RECOMMEND APPROVAL OF THE FY17 UPWP TO THE CCRPC BOARD. THE MOTION WAS
SECONDED BY ROBIN PIERCE AND APPROVED UNANIMOUSLY.

6. Systemic Local Road Safety Program (SLRS)
Sai described this VTrans program designed to find low cost safety improvements for high risk road
segments on curves and hills in rural areas with low (less than 5,000 AADT) traffic volumes. Staff
reviewed the past five years of crash history along with road geometry to identify potential locations for
the upcoming year’s program. These included four roads (six locations) in Richmond and two roads (five
locations) in Hinesburg. Towns that are selected will need to sign an agreement with VTrans by May 20th.
VTrans will conduct field visits this summer and fall and develop a safety report for town review by
November. The safety recommendations should then be implemented over the following two years.

7. Status of Projects and Subcommittee Reports
Bryan Osborne directed TAC members to the project list on the back of the agenda page and asked if
members had any questions.

8. CCRPC April Board Meeting Report
Peter mentioned the Board meeting began with MPO basics and transportation planning training. The
Board also approved project prioritization and received a presentation on the FY17 UPWP and budget.

9. Chairman’s/Members’ Items
Charlie reported that the CCRPC/VTrans/CCTA agreement is nearly completed and when signed we’ll
provide copies to the TAC. The agreement had not been updated in many years and describes how the
organizations relate/cooperate. Peter announced the recent VTrans memo on this year’s Bike/Ped
program. Applications will be due on July 15th. Bryan Osborne noted that changes to proposed
transportation legislation in Montpelier had successfully reduced the municipal stormwater fees and
increased by $1 million Town Highway funds. Dennis mentioned a recent FEMA procurement class he’d
attended that he will share the slides from. He noted that FEMA will be tightening rules.

The meeting adjourned at 9:40 a.m.

Respectfully submitted,

Peter Keating
CCRPC Transportation Advisory Committee
July 5, 2016
Agenda Item 1: Consent Item

FY2016 Transportation Alternatives Program Amendments

Issues

Make the following changes to the FY16-2019 TIP:

2016 Transportation Alternatives Program – environmental awards:

- Sydney Drive Detention Pond, Essex (Amendment FY16-11, Project OT025)
  Retrofit of a detention pond in a wooded area adjacent to Sydney Drive. Add $68,000 in FY16.
- Creek Condominiums Stormwater Project, Essex Junction (Amendment FY16-12, Project OT026). Construct a gravel wetland for runoff from Creek Condominiums and a village road. Add $48,000 in FY16.
- Nesti/VELCO Gravel Wetlands Project, Shelburne (Amendment FY16-13, Project OT027). Construct a gravel wetland to treat runoff into Shelburne Bay. Add $87,000 in FY17.
- Butler Farms/Oak Creek Village Culvert Replacement, South Burlington (Amendment FY16-14, Project OT028). Replace two undersized culverts. Add $64,000 in FY16.

VT2A Improvements, Colchester (Project HP003, Amendment FY16-20):

- Description of TIP Change: Add $150,000 for preliminary engineering in FY16.
- Reason for Change: This CIRC Alternatives project is listed in the TIP but no funds were previously identified. VTrans proposed to begin preliminary engineering in FY16.

VT117 Paving, Essex (Project HP098B, Amendment FY16-21):

- Description of TIP Change: Remove $2,947,680 in construction funds from FY16 and delay construction to FY17/18.
- Reason for Change: The current project schedule for this paving project is for paving to be done in FY17/18. The construction funds will not be needed in FY16 and can be applied to other projects.

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
Issues: Federal regulations require the Chittenden County Regional Planning Commission (CCRPC), as the designated Metropolitan Planning Organization (MPO) for Chittenden County, to develop and maintain a Transportation Improvement Program (TIP). The TIP contains funding information for transportation projects proposed to spend federal transportation funds in Chittenden County. Projects must be listed in the TIP to spend federal transportation funds. The TIP includes all modes of transportation including highways, bicycle and pedestrian facilities and transit.

The TIP covers a four-year period and it must be fiscally-constrained. It is typically updated every year with the assistance of the Transportation Advisory Committee (TAC), the Vermont Agency of Transportation (VTrans), Chittenden County Transit Authority (CCTA) and Burlington International Airport.

The TIP lists federal funding amounts in the federal fiscal year when they are expected to be needed. It should be noted that the TIP is a planning and not a budget document. The TIP represents the intent to construct or implement a specific project and the anticipated flow of federal funds. Funds correspond to the following project development phases:

- Scoping – a process that develops safe and effective alternatives based on documented rational that meet the stated purpose and need while minimizing environmental impacts
- Preliminary Engineering – detailed design of the preferred alternative
- Right-of-Way - process of determining if land rights are needed for construction and negotiation of appropriate compensation
- Construction

The Draft Fiscal Year 2017–2020 TIP is available on CCRPC’s website http://www.ccrpcvt.org/our-work/our-plans/transportation-improvement-program/. Please contact Christine if you wish to receive a paper copy.

Staff Recommendation: Recommend that the TAC approve the FY2017–2020 TIP and forward it to the Board for adoption.

For more information contact: Christine Forde 846-4490 ext. *13 or cforde@ccrpcvt.org
Exit 14 Area Systems Engineering Analysis Study - Consultant Selection Process

Background: The CCRPC in coordination with VTrans and the cities of South Burlington and Burlington have been evaluating improvement options to reduce traffic congestion and improve traffic flows in the Exit 14 area. In the Spring of 2014, the CCRPC contracted with Carnegie Mellon University to analyze and determine performance benefits and feasibility of using the SURTRAC Adaptive Traffic Signal Control System along two corridors: Main St/Williston Rd from Union St in Burlington to Hinesburg Rd in South Burlington; and Dorset Street from Williston Rd to Kennedy Drive. Results of this study indicated that introduction of an Adaptive Traffic Signal Control system significantly improved traffic flows and reduced delays in the Exit 14 area.

At the conclusion of the Carnegie Mellon study, VTrans, the City of South Burlington and the CCRPC agreed to use Exit 14 remaining SAFETEA-LU Earmark funds to conduct a Systems Engineering Analysis to evaluate and determine the most appropriate adaptive signal control system for the Exit 14 area. A Systems Engineering Analysis, is a necessary prerequisite for any use of Federal Funds for ITS projects—FHWA Rule 940.11 and FTA policy that was enacted on January 8, 2001 state that “all ITS projects funded with highway trust funds shall be based on a Systems Engineering Analysis.”

CCRPC staff developed a brief Scope of Work and solicited proposals from four engineering firms, under the simplified bid procurement process. Proposals were due June 24th. All four firms responded with proposals by the deadline. Due to vacation schedules and the July 4th long weekend, the review committee will not be able to meet until mid-July to review and score these proposals. Since there will be no TAC meeting in August and to avoid delaying the start of this project, CCRPC staff requests that the TAC authorizes the Review Committee to select and the CCRPC to enter into a contract with the most qualified consultant based on scores and committee discussions so that work can start sometime in August.

Review Committee:

- Justin Rabidoux, South Burlington
- Dave Garen, Burlington
- David Armstrong or Designee, GMT formerly CCTA
- Derek Lyman, VTrans
- Mike Lacroix, VTrans
- Jim Sullivan, UVM - TRC
- Sai Sarepalli, CCRPC
- Eleni Churchill, CCRPC

Staff Recommendation:

CCRPC staff requests that the TAC authorizes the CCRPC to enter into a contract with the most qualified consultant for the Exit 14 Systems Engineering Analysis Study based on the Review Committee’s recommendation.

For more information Contact:

Sai Kumar Sarepalli, (802) 846-4490 ext. 16, ssarepalli@ccrpcvtx.org