

CHITTENDEN COUNTY REGIONAL PLANNING COMMISSION
TRANSPORTATION ADVISORY COMMITTEE
AGENDA

DATE: **Wednesday, March 4, 2020**
TIME: **9:00 a.m.**
PLACE: **CCRPC Office, 110 West Canal St. Winooski**

DELIBERATIVE AGENDA:

1. No Consent agenda
2. Minutes of February 4, 2020 (Action Item)
See attached.
3. Public Comment Period (Information item)
Members of the public are invited to raise issues of interest or concern to the TAC on items not on the agenda.
4. US7 Signal Upgrades, Shelburne-South Burlington (Information Item)
Taylor Sisson, VTrans staff, will present information about signal upgrades on US7.
5. Chittenden County Projects in SFY2021 VTrans Transportation Capital Program (Information Item)
Christine Forde, CCRPC staff, will present on Chittenden County projects in the Governor's recommended budget. Please see attached memo.
6. SFY2022 Project Prioritization and Town Highway Bridge Pre-Candidate Prioritization (Action item)
Christine Forde, CCRPC staff, will present the SFY2022 Project Prioritization results and Town Highway Bridge Pre-Candidate Prioritization for approval. Christine will also provide results of using the VPSP2 Methodology for SFY2022 projects. Please see attached memo.
7. Municipal Roads General Permit Update (Information Item)
Chris Dubin, CCRPC staff, will provide an update on the MRGP program.
8. Status of Projects and Subcommittee Reports (Information Item)
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.
9. CCRPC Board Meetings Report (Information Item)
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 (Information Item)

Next Meeting: Tuesday, April 7, 2020

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
- 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)

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

5 DATE: Tuesday, February 4, 2020
6 TIME: 9:00 a.m.
7 PLACE: Conference Call
8

9 **Members On Call**

10 Nicole Losch, Burlington
11 Dennis Lutz, Essex
12 Andrea Morgante, Hinesburg
13 Barbara Elliott, Huntington
14 Josh Arneson, Richmond
15 Dean Pierce, Shelburne
16 Justin Rabidoux, South Burlington
17 Bruce Hoar, Williston
18 Seth Bowden, Business
19 Karen Yacos, Local Motion
20 Mary Anne Michaels, Rail
21 Bob Henneberger, Seniors
22 Matthew Langham, VTrans
23 Amy Bell, VTrans
24 Ashly Bishop, VTrans District 5
25

Staff

Charlie Baker, Executive Director
Eleni Churchill, Transportation Program Manager
Christine Forde, Senior Transportation Planner
Marshall Distel, Transportation Planner

26
27 Christine Forde called the meeting to order at 9:04AM.

28
29 **1. Consent Agenda:** DENNIS LUTZ MADE A MOTION TO APPROVE THE CONSENT AGENDA,
30 SECONDED BY BARBARA ELLIOT. THE MOTION PASSED UNANIMOUSLY.
31

32 **2. Approval of Minutes**

33 Christine asked for any changes, which there were none. JUSTIN RABIDOUX MADE A MOTION TO
34 APPROVE THE MINUTES OF JANUARY 7, 2020, SECONDED BY DENNIS LUTZ. THE MOTION
35 PASSED WITH ABSTENTIONS FROM BARBARA ELLIOTT, DEAN PIERCE AND SETH
36 BOWDEN.
37

38 **3. Public Comments**

39 None.
40

41 **4. Safety Performance Targets for the Metropolitan Planning Area:**

42 Eleni Churchill, CCRPC staff, provided an overview of this item. This is the second time the CCRPC has
43 been asked by VTrans to take action on established safety targets. The first time was for 2018 targets and
44 this time for calendar year 2020 targets. The Federal Government has developed performance measures
45 under a number of categories – safety was the first category that measures, and targets were developed for
46 in 2017. In general, state departments of transportation (DOTs) had to develop targets for all relevant
47 measures under each category (safety, asset management, performance, etc.) and metropolitan planning
48 organizations (MPOs) had 180 days to either accept the state targets or develop their own. In 2018 the
49 CCRPC Board voted to accept the VTrans statewide safety targets.

50 Eleni reviewed statewide and Chittenden County safety data.

51 Dennis Lutz commented that the data shows that fatalities have not been reduced over the past few years
52 and questioned if there has been adequate statewide effort to reduce fatalities. Eleni noted that given the

1 very small number of fatalities we have in the state and the randomness of locations it is difficult to
2 develop location specific improvements.

3 DEAN PIERCE MADE A MOTION FOR THE BOARD TO ACCEPT VTRANS STATEWIDE
4 TARGETS, SECONDED BY JUSTIN RABIDOUX. THE MOTION PASSED
5 UNANIMOUSLY.

6
7 **5. US7 Signal Upgrades, Shelburne-South Burlington Major TIP Amendment**

8 Christine Forde, CCRPC staff, provided an overview of a proposed major amendment to the FY20-23
9 Transportation Improvement Program (TIP) for traffic signal upgrades on US7 between Webster Road
10 and Swift Street. She noted that this project is in the FY20-23 TIP but the project had not completed
11 scoping and no funds were programmed. The project will be funded partially with a federal Accelerated
12 Innovation Deployment (AID) grant fund and partially with federal formula funds available within
13 CCRPC's fiscal constraint limit.

14 Eleni noted that the infrastructure in the southern portion of the project area (Webster Road to IDX Drive)
15 will not be replaced but will be upgraded. The signals north of IDX drive are very old and will be
16 completely replaced.

17
18 Dean Pierce noted that there should be consideration of traffic conditions in Shelburne Village and the
19 signal at US7/Harbor Road. Eleni noted that CCRPC would look at that location and could potentially do
20 a technical assistance project.

21
22 JUSTIN RABIDOUX MADE A MOTION FOR THE BOARD TO WARN A PUBLIC HEARING ON
23 THE PROPOSED TIP AMENDMENT, SECONDED BY BARBARA ELLIOTT. THE MOTION
24 PASSED UNANIMOUSLY.

25
26 **6. Status of Projects and Subcommittee Reports (Information Item):**

27 Eleni noted that the project list on the back of the agenda identifies current projects, and TAC members
28 can follow up with staff about these or other projects.

29
30 **7. CCRPC Board Meeting Report**

31 Christine provided a brief update of the January Board meeting. The Board held a public hearing and
32 voted to approve major TIP amendments for the Williston Park & Ride and Champlain Parkway projects,
33 they voted to approve the FY20 UPWP Mid-year Adjusted Program and Budget, they voted to approve
34 the Town of Jericho's Determination of Energy Compliance, and they voted to approve CCRPC
35 comments on the Clean Water Service Provider RFP.

36
37 **8. Chairman's/Members' Items:**

38 Barbara Elliott noted that a lot of VMT was saved by having a phone meeting and would like to see this
39 happen more frequently in the future. Andrea agreed.

40
41 BARBARA ELLIOTT MADE A MOTION TO ADJOURN, SECOND BY DENNIS LUTZ,
42 APPROVED UNANIMOUSLY.

43
44 The meeting adjourned at 9:30 AM.

45
46 Respectfully submitted, Christine Forde



Chittenden County Transportation Advisory Committee

March 4, 2020

Agenda Item 5: Information Item

Chittenden County Project in 2021 VTrans Transportation Capital Program – Governor’s Recommend Budget

Issues

The Vermont Agency of Transportation (VTrans) plans, develops, implements, and manages a statewide transportation network - including roads, bridges, railroads, airports, park-and-rides, bicycle and pedestrian facilities, and public transportation facilities and services.

Each year VTrans develops a budget, the Transportation Capital Program, showing projected expenditures for the budget year and the three subsequent years. The Capital Program lists projects and programs statewide that VTrans intends to spend money on over the next four state fiscal years.

The Capital Program is submitted to the Legislature for approval each year.

Attached please find the list of Chittenden County projects listed in the proposed State FY2021 Capital Program as submitted to the Legislature. Staff will review this list at the TAC meeting.

For more information, contact:

Christine Forde
cforde@ccrpcvt.org or 846-4490 ext. *13

**FY2021 VTrans Transportation Capital Program
Chittenden County Projects Listed in the "Front of the Book"**

Project	Vtrans Number	Funding in State FY21 (fed+state+local)	Construction Year
Paving - State Paving			
Burlington Concrete Pavement Repair - US7	NH PC21-(1)	\$374,871	SFY21/22
Burlington Resurface Class I	NH PC22-(1)	\$114,678	SFY22/23
Burlington-South Burlington Concrete Repair I-189 Ramps H and C	IM 189-3(77)	\$289,638	SFY21/22
Burlington-South Burlington Resurface I-189 EB and WB including Ramps	IM 189-3(78)	\$1,811,873	SFY20/21
Charlotte-South Burlington Resurfacing US7 from south of Ferry Road to Swift Street	PS22(2)	\$82,972	SFY23/24
Richmond-Bolton Resurface US2	STP 2924(1)	\$200,000	SFY23/24
Richmond-Colchester Resurface I-89 NB and SB	IM SURF(63)	\$7,727,833	
Underhill-Cambridge - VT15 - N. Underhill Station Rd into Cambridge	STP PS19(11)	\$5,031,447	SFY20/21
Winooski Repair Class I Concrete	NH PC21(2)	\$250,000	SFY21/22
Winooski Resurface Class I Routes	NH PC22(2)	\$115,000	SFY22/23
TOTAL PAVING		\$15,998,312	
Interstate Bridge			
Bolton - Notch Road Culvert Rehabilitation	IM 089-2(45)	\$365,201	SFY20/21
Colchester - Bay Road and Mallets Creek	IM 089-3(69)	\$92,329	SFY19/20/21
Colchester Exit 17	NH 028-1(31)	\$1,100,000	SFY22/23/24
Milton - BR81 N&S	IM 089-3(66)	\$1,182,607	Final Items
Richmond BR29 on US2	IM 089-2(52)	\$204,597	SFY22/23/24
TOTAL INTERSTATE BRIDGE		\$2,944,734	
State Bridges			
Essex VT117 Culvert over Adler Brook	BF 5400(9)	\$660,000	SFY21/22
Essex VT128 Culvert BR1 Carrying Alder Brook	BM19501	\$500,000	SFY21
TOTAL STATE BRIDGE		\$1,160,000	
Town Highway Bridges			
Huntington BR32 on Camel's Hump Road	BP 1445(38)	\$112,500	SFY22/23
TOTAL TOWN HIGHWAY BRIDGE		\$112,500	

Highlighted projects are new Front of the Book Projects

**FY2021 VTrans Transportation Capital Program
Chittenden County Projects Listed in the "Front of the Book"**

Project	Vtrans Number	Funding in State FY21 (fed+state+local)	Construction Year
Roadway			
Burlington Champlain Parkway	MEGC M 5000(1)	\$8,000,000	SFY21/22/23
Colchester Prim/West Lakeshore Dr	STP 5600(20)	\$290,439	SFY21/22/23
Susie Wilson Road Corridor and Intersection Improvements, Essex	STP 5400(11)	\$225,000	SFY21/22
Essex Junction Crescent Connector	STP 5300(13)	\$1,367,008	SFY20/21/22
Richmond US2 Culvert at MM 2.25	STP CULV(58)	\$50,000	SFY23/24
Williston - I-89 SB Culvert at MM 81.8	IM 089-2(54)	\$380,000	SFY21
Williston US2/Industrial Ave	STP M 5500(7)S	\$2,016,363	SFY21/22
Williston VT2A Culvert south of Helena Dr	STP SCRP(17)	\$336,622	SFY21
TOTAL ROADWAY		\$12,665,432	
Safety and Traffic Operations			
Burlington Shelburne St Roundabout	HES 5000(18)	\$1,003,752	SFY21/22/23
Colchester - Blakely Rd/Laker Ln	STP 5600(21)	\$400,000	SFY20/21
Colchester Exit 16	HES NH 5600(14)	\$7,000,000	SFY21/22
Colchester - Severance Corners	STPG 5600(17)	\$425,000	SFY23/24
Essex VT117/North Williston Road	STP 5400(10)	\$75,000	SFY22/23
Essex VT15/Sand Hill Rd	STPG 030-1(22)	\$55,000	SFY22/23
Hinesburg - VT116/CVU Rd	HES 021-1(19)	\$2,665,144	SFY20/21
Milton - US7/Middle Rd/Railroad St	STP 5800(3)	\$354,668	SFY22/23
Shelburne-South Burlington Replace or Rehab Signals	NHG SGNL(51)C/1	\$1,105,000	SFY21/22
Shelburne-South Burlington Replace or Rehab Signals	NHG SGNL(51)C/2	\$300,000	SFY21/22
South Burlington - Exit 14 Signal Upgrades	STP SGNL(53)	\$35,000	SFY24
Williston - VT2A/Industrial Ave	STP 5500(17)	\$110,000	SFY23/24/25
Williston US2/Trader Ln	STPG 5500(14)	\$265,936	SFY21/22
TOTAL SAFETY AND TRAFFIC OPERATIONS		\$13,794,500	
Park and Ride			
Williston South of Exit 12	CMG PARK(29)	\$3,000,000	SFY20/21/22
TOTAL PARK AND RIDE		\$3,000,000	

Highlighted projects are new Front of the Book Projects

**FY2021 VTrans Transportation Capital Program
Chittenden County Projects Listed in the "Front of the Book"**

Project	Vtrans Number	Funding in State FY21 (fed+state+local)	Construction Year
Bike and Pedestrian Facilities			
Burlington - Sidewalk on Birchcliff and Locust Sts	STP BP13(6)	\$100,000	SFY20/21
Burlington - Colchester Ave Sidewalk	STP BP15(7)	\$96,000	SFY21
	STP SDWK(19)	\$134,000	SFY20/21
Colchester-Essex VT15 Path -- Lime Kiln to Susie Wilson	NH 030-1(34)	\$307,701	SFY21/22
Hinesburg - Village South Sidewalk	STP BP16(11)	\$160,625	SFY21/22
Jericho Browns Trace Sidewalk - Pratt to Lee River	STP BP15(10)	\$289,500	SFY21/22
Milton - Cherry Street	STP SDWK(18)	\$62,278	SFY21/22
Milton - US7 Sidewalk - Nancy to Haydenberry	STP BP16(10)	\$730,000	SFY21/22
Shelburne - Irish Hill Road Pedestrian Bridge	STP BP18(3)	\$49,897	SFY23/24
South Burlington Williston Road Bike/Ped Facility	STP BP17(9)	\$310,000	SFY23
St.George - VT2A Sidewalk Hemlock Street to Barger Road, east side (state+local funding)	STP BP18(28)	\$42,500	SFY20/21
Underhill - Underhill Flats Sidewalk	STP BP13(5)	\$325,000	SFY20/21
Williston Blair Park Sidewalk Loop	STP BP17(12)	\$209,830	SFY21/22
TOTAL BIKE AND PEDESTRIAN		\$2,817,331	
Transportation Alternatives			
Colchester - Stormwater BMPs in the Moorings Stream Watershed	TAP TA18(1)	\$58,663	SFY22/23
Essex Pinecrest Sidewalk	TAP TA15(4)	\$227,770	SFY21
Essex Stormwater Retrofit with Infiltration	TAP TA18(2)	\$23,000	SFY22/23
Essex Junction- Gravel Wetland	TAP TA16(7)	\$185,000	SFY21
Jericho - Lee River Road Sidewalk	TAP TA17(1)	\$25,000	SFY22/23
Shelburne - Nesti/VELCO Gravel Wetlands	TAP TA16(6)	\$117,394	SFY21
South Burlington - Subsurface infiltration and detention	TAP TA18(6)	\$203,000	SFY21/22
South Burlington- Kennedy Drive Stormwater Pond Expansion	TAP TA18(7)	\$12,000	SFY22/23
Winooski - Gateway Crosswalk Enhancements	TAP TA17(2)	\$252,111	SFY21/22
TOTAL TRANSPORTATION ALTERNATIVES		\$1,103,938	

Highlighted projects are new Front of the Book Projects

**FY2021 VTrans Transportation Capital Program
Chittenden County Projects Listed in the "Front of the Book"**

Project	Vtrans Number	Funding in State FY21 (fed+state+local)	Construction Year
Rail			
Burlington - Modify Platform for Amtrak	PLAT(3)	\$1,075,000	SFY20/21/22
Burlington - College Street Crossing Safety Improvements	STP 2035(15)	\$444,638	SFY20/21/22
Burlington - King Street Crossing Safety Improvements	STP 2035(27)	\$175,000	SFY21/22
Burlington - Power Switch Installation	VTRY(50)	\$317,400	SFY21
Charlotte - Thompson's Point Rd Safety Improvements	STP 2035(23)	\$279,847	SFY20/21
Charlotte - Rehab BR252.7 over Thorp Brook on VTR	VTRY(15)	\$116,574	SFY21/22
Shelburne-Burlington Quite Zone Maintenance	SF9043	\$75,000	Ongoing
Winooski Improve Malletts Bay Ave Crossing	STP 5100(14)	\$350,000	SFY21
TOTAL RAIL		\$2,833,459	
2021 TOTAL		\$56,430,206	

Note: Totals do not include Public Transit or Aviation

**FY2021 Governor's Recommended Budget
Chittenden County Projects On the Development and
Evaluation* Lists**

Project	Vtrans Number
Roadway	
Bolton-Milton	IM 089-2(53)
Colchester - Improve VT2A Corridor	STP 5600(19)
Williston Exit 12 Improvements	NH 5500(18)

* **Development & Evaluation** - A project moves from the *Candidate* list to the *Development and Evaluation* list when the project is expected to proceed to preliminary plans within 12 to 24 months. Development and Evaluation projects are anticipated to have preliminary engineering and/or right-of-way expenditures during the budget year.

**FY2021 Governor's Recommended Budget
Chittenden County Projects On the Candidate** Lists**

Project	VTrans Number
Roadway	
Essex VT117 - Safety/Armoring	Not assigned
Circ Williston	NH 033-1(24)
South Burlington Airport Drive	NH 5200()
Williston Mountain View Road	Not assigned
Williston-Essex-Colchester	NH 033-1()
Safety and Traffic Operations	
Colchester - Bayside Intersection Roundabout	STP 5600()
Park and Ride	
Williston North of I-89	CMG PARK()
Bike and Pedestrian Facilities	
Burlington Waterfront North	STP SDWK(13)
Colchester - Mill Pond/Severance Road	
Essex VT15 Path -Old Stage Rd to Essex Way	
Williston US2 - Taft Corners to Village	
Williston VT2A Taft Corners Area	
Town Highway Bridge	
Charlotte BR31 on Dorset Street	BO 1445()
Huntington BR10 on Main Road	BF 0211()
Jericho BR15 on Browns Trace	BF 0209()
Underhill BR7 on Pleasant Valley Road	BF 0233()

** **Candidate** - A project gets on the *Candidate* list after it has completed the planning process and has been accepted by VTrans. Candidate projects are not anticipated to have significant expenditures for preliminary engineering and/or right-of-way during the budget year, and funding for construction is not anticipated within a predictable time-frame. Candidate projects do not have specific funding levels identified.



Chittenden County Regional Planning Commission

March 4, 2019

Agenda Item 6: Action Item

2022 Transportation Project Prioritization and Town Highway Bridge Pre-Candidate Prioritization

Staff Recommendation: Approve the 2022 Regional Project Scores and Town Highway Bridge Pre-Candidate Regional Project Scores, with changes if any, and forward to VTrans.

Issues: Each year the Vermont Legislature requires that projects in the Transportation Capital Program be prioritized. Specifically, they directed VTrans to develop a numerical grading system to assign a priority ranking to all paving, roadway, safety and traffic operations, state bridge, interstate bridge, and town highway bridge projects. The rating system was to consist of two separate, additive components as follows:

1. One component shall be an asset management-based factor which is objective and quantifiable and shall consider, without limitation, the following:
 - the existing safety conditions in the project area and the impact of the project on improving safety conditions;
 - the average, seasonal, peak, and nonpeak volume of traffic in the project area, including the proportion of traffic volume relative to total volume in the region, and the impact of the project on congestion and mobility conditions in the region;
 - the availability, accessibility, and usability of alternative routes;
 - the impact of the project on future maintenance and reconstruction costs.
2. The second component of the priority rating system was to consider the following factors:
 - the functional importance of the highway or bridge as a link in the local, regional, or state economy; and
 - the functional importance of the highway or bridge in the social and cultural life of the surrounding communities.

A prioritization methodology was developed as a collaborative effort between VTrans and the regional planning commissions (RPCs). VTrans provides technical input on projects to determine the first part of the project score and the RPCs provide input on the second part of the score.

VTrans Methodology Overview

Prioritization methodologies were developed for each program category listed in the Transportation Capital Program. The methodologies are summarized below.

Paving

- Pavement Condition Index – 20 points (more points are given for higher levels of pavement deterioration)

- Benefit/Cost – 60 points (output comes from a Pavement Management System software which considers the type of pavement treatment, traffic volumes and percentage of trucks)
- Regional Priority – 20 points

Bridge

- Bridge Condition – 30 points (considers the condition of components of the bridge such as the deck, superstructure and substructure)
- Remaining Life – 10 points (considers the rate at which the bridge is deteriorating)
- Functionality – 5 points (adequacy of the alignment and the width)
- Load Capacity and Use – 15 points (considers if there is a weight restriction and the traffic volumes)
- Waterway Adequacy and Scour Susceptibility – 10 points (characteristics of the waterway the bridge crosses, if applicable)
- Project Momentum – 5 points (considers right-of-way and permit issues)
- Benefit Cost Factor – 10 points (considers the benefit to the traveling public of keeping the bridge open)
- Regional Priority – 15 points

Roadway

- Highway System – 40 points (looks at highway sufficiency rating and network designation)
- Cost per vehicle mile – 20 points
- Project Momentum – 20 points (considers right-of-way and permitting issues)
- Designated Downtown project – 10 bonus points
- Regional Priority – 20 points

Traffic Operations

- Intersection Capacity – 40 points (based on level of service)
- Accident Rate – 20 points
- Cost per Intersection Volume – 20 points
- Project Momentum – 10 points (considers right-of-way and permitting issues)
- Regional Input – 20 points

CCRPC Priority Methodology

CCRPC developed a methodology for regional priority scores in 2005. The methodology is based on planning factors MPOs are required to consider in their planning process, as stated in ISTEA and reiterated in subsequent Federal legislation. The methodology scores projects in each of the following categories: Economic Vitality; Safety and Security; Accessibility, Mobility and Connectivity; Environment, Energy and Quality of Life; Preservation of Existing System; and, Efficient System Management.

The methodology uses a project scoring sheet that identifies project characteristics that result in a score of High, Medium-High, Medium, Low or No Impact for each of the six scoring criteria. Each project receives one score for each planning factor. The score is determined by finding the highest scoring project characteristic that applies

to each project. Necessary information for scoring projects is derived from existing studies and data collected/processed by CCRPC, VTrans, consultants or towns. Only one score is applied to the project for each planning factor even though multiple characteristics may apply to the project.

In addition to the six scoring categories, projects receive points if the project is in the current TIP according to the following schedule:

- 10 points for construction funds in the TIP
- 8 points for right-of-way in the TIP
- 6 points for engineering in the TIP

Projects receive only one score for the TIP Status item corresponding to the highest scoring project phase even if there are multiple phases listed in the TIP for the project.

The list of projects to be scored comes from the annual Transportation Capital Program and is supplied by VTrans. The list includes all projects in the Capital Program except rail projects, aviation projects, interstate projects, bridge maintenance projects, projects funded with federal safety funds, bike/ped and Transportation Alternatives awards and projects expected to be under construction in the near future

Preliminary project scoring sheets were sent to TAC members having projects in their towns for review and comment.

The attached table lists projects in rank order by program category, from high score to low score. Ties between projects are broken in the following way: higher functional classes are placed before lower functional classes. Functional class order is: Interstate, Principal Arterial, Minor Arterial, Major Collector. If ties still remain higher traffic volumes are placed before lower traffic volumes.

2022 Town Highway Bridge Pre-Candidate Prioritization

VTrans also requests that all Regional Planning Commissions prioritize up to 10 town highway bridges as pre-candidate projects. This list queues projects to be added to the VTrans Town Highway Bridge Program in the future.

CCRPC scored town highway bridges using our Project Prioritization methodology described above. The prioritization methodology was applied to the 20 worst-condition town highway bridges, as ranked by VTrans, in the county. The prioritized list is attached.

Additional Information

All transportation projects funded by VTrans, with state or federal funds, must be included in the Transportation Capital Program. This program is developed by VTrans and approved by the Vermont Legislature.

Chittenden County projects funded with Federal transportation funds must also be included in the Transportation Improvement Program (TIP). However, inclusion in the TIP does not replace inclusion in the Capital Program – Chittenden County projects funded with federal transportation funds must be included in the Capital Program and the TIP.

The Capital Program includes three categories of projects, Candidate projects, Development & Evaluation project and Front of the Book Projects. These project types are defined below.

- **Candidate** - A project gets on the *Candidate* list after it has completed the planning process. Candidate projects are not anticipated to have significant expenditures for preliminary engineering and/or right-of-way during the budget year, and funding for construction is not anticipated within a predictable time-frame.
- **Development & Evaluation** - A project moves from the *Candidate* list to the *Development and Evaluation* list when the Project manager anticipates the project will proceed to preliminary plans within 12 to 24 months. Development and Evaluation projects are anticipated to have preliminary engineering and/or right-of-way expenditures during the budget year.
- **Front of the Book** - A project moves from the *Development and Evaluation* list to the *front of the book* when it has completed preliminary plan development. Front of the book projects are anticipated to have construction expenditures during the budget year and/or the following three years.

**Staff
Recommendation:**

Approve the 2022 Regional Project Scores and Town Highway Bridge Pre-Candidate Regional Project Scores, with changes if any, and forward to CCRPC Commission

**For more
information
contact:**

Christine Forde
cforde@ccrpcvt.org or 846-4490 ext. *13

Attachments:

- CCRPC Prioritized Project Lists – 2022
- CCRPC Project Scoring Sheet
- Supplemental Project Information

CCRPC 2022 Project Prioritization
Prioritized Project Lists

**2022 CCRPC Prioritized Project List
Roadway Projects**

	Rank	CCRPC Score	Economic Vitality	Safety and Security	Accessibility, Mobility and Connectivity	Environment, Energy and Quality of Life	Preservation of Existing System	Efficient System Management	TIP Status
<u>Roadway</u>									
US2/Industrial Avenue, Williston	1	61	High	High	Medium-High	Medium-High	High	Medium-High	CON
Susie Wilson Road Improvements, Essex -- CIRC PHASE III	2	59	High	High	Medium-High	High	High	High	Scoping
Champlain Parkway, Burlington	3	57	High	Medium	High	Medium-High	Medium	High	CON
Prim/West Lakeshore Drive Intersection, Colchester - CIRC PHASE III	4	55	Medium-High	High	Medium-High	Medium-High	Medium-High	Medium-High	CON
Exit 12 Area Improvements -- CIRC PHASE III	5	51	High	High	High	Medium-High	Medium	Medium-High	No funds programmed
VT2A Reconstruction, Colchester - CIRC PHASE III	6	50	Medium-High	High	Medium-High	High	Medium-High	Medium-High	No funds programmed
VT2A Culvert Rehab	7	46	Medium-High	Medium	Medium-High	Medium	Medium-High	Medium	CON
Bolton-Milton I-89 Safety Improvements	8	45	High	High	High	Medium	Low	Medium-High	Not listed
Williston Mountain View Multi-Modal Facility	9	43	Medium-High	Medium-High	Medium-High	High	Medium	Medium	No funds programmed
VT117/North Williston Road Hazard Mitigation, Essex - CIRC PHASE III	10	42	Medium-High	Medium-High	Medium-High	Medium-High	Medium-High	Medium	No funds programmed
Airport Drive, S. Burlington	11	39	High	Medium	Medium-High	Medium-High	Low	Medium-High	Not listed
Williston Rehabilitate Culvert on I-89 SB at MM 81.8 (Near Oak Hill Road)	12	38	Medium-High	Medium	Medium-High	Medium	Medium-High	Medium-High	Not listed
Richmond Rehabilitate Culvert on US2 at MM 2.25 (North of Baker Street)	13	32	Medium-High	Medium	Medium	Low	Medium-High	Medium	Not listed

2022 CCRPC Prioritized Project List
Traffic Operations & Safety

	Rank	CCRPC Score	Economic Vitality	Safety and Security	Accessibility, Mobility and Connectivity	Environment, Energy and Quality of Life	Preservation of Existing System	Efficient System Management	TIP Status
Traffic Operations & Safety									
South Burlington - I-89 Exit 14 Signal Upgrades	1	67	High	High	High	Medium-High	High	High	CON
Exit 16 Improvements, Colchester - CIRC PHASE I	1	61	High	High	Medium-High	Medium-High	Medium-High	High	CON
Severance Corners, Colchester - CIRC PHASE II	3	61	High	High	High	High	Medium	Medium-High	CON
VT116/CVU Road, Hinesburg	4	61	High	High	Medium-High	Medium-High	Medium-High	High	CON
Shelburne Road Roundabout, Burlington	5	58	High	High	Medium-High	Medium-High	Medium-High	Medium-High	CON
US7/Middle Road/Railroad Street, Milton	6	57	High	High	Medium-High	Medium-High	Medium-High	Medium-High	CON
US2/Trader Lane, Williston	7	57	High	Medium	High	High	Medium	Medium-High	CON
VT2A/Industrial Avenue, Williston - CIRC PHASE III	8	57	High	High	Medium-High	Medium-High	Medium-High	Medium-High	CON
VT15/Sand Hill, CIRC PHASE II	9	53	High	Medium-High	Medium-High	Medium	Medium-High	Medium-High	CON
VT117/North Williston Road, Essex - CIRC PHASE III	10	52	High	Medium-High	Medium-High	Medium	Medium-High	Medium-High	CON
US7/Harbor Road/Falls Road, Shelburne	*	49	High	High	High	Medium-High	Medium	Medium-High	Illustrative
Bayside Intersection Roundabout, Colchester	11	46	Medium-High	High	Medium-High	High	Medium	Medium-High	No funds programmed
VT116/VT2A Intersection Improvements, St. George	12	43	Medium-High	High	Medium-High	Medium-High	Medium	Medium-High	Scoping
South Burlington-Colchester Safety Improvements in the area of Exit 16	13	41	High	Medium-High	Medium-High	Medium	Medium	Medium-High	Not listed

* US7/Harbor Road/Falls Road has recently completed scoping and CCRPC seeks to have this project added to the Capital Program. The project has been scored, but not ranked because it is not currently part of the transportation program.

2022 CCRPC Prioritized Project List
Paving, State Bridge and Town Highway Bridge

	Rank	CCRPC Score	Economic Vitality	Safety and Security	Accessibility, Mobility and Connectivity	Environment, Energy and Quality of Life	Preservation of Existing System	Efficient System Management	TIP Status
<u>Paving</u>									
US2, Richmond-Bolton	1	26	Medium	Low	Medium	Low	Medium	Medium	Not listed
<u>Town Highway Bridge</u>									
Huntington Bridge 32 on Camels Hump Road (TH22) - west of Fielder Road	1	50	Medium	High	High	Low	High	Low	CON
Huntington Bridge 10 on Main Road - south of Beane Road	2	33	Medium	Medium	High	Low	Medium	Medium	Not listed
Underhill Bridge 7 on Pleasant Valley Road - near Deane Road	3	30	Medium	Medium	Medium-High	Low	Medium	Medium	Not listed
Jericho Bridge 15 on Brown's Trace - near Fitzsimonds Road	4	28	Medium-High	Low	Medium-High	Low	Low	Medium	Not listed
Charlotte Bridge 31 on Dorset Street - south of Carpenter Road	5	26	Medium	Medium	Medium	Low	Medium	Low	Not listed

2022 CCRPC Town Highway Bridge Pre-Candidate List

		CCRPC Rank	CCRPC Score	Economic Vitality	Safety and Security	Accessibility, Mobility and Connectivity	Environment, Energy and Quality of Life	Preservation of Existing System	Efficient System Management	TIP Status
HUNTINGTON	BR9H on Main Road over Texas Hill Brook - north of Texas Hill Road	1	38	Medium-High	Medium-High	Medium-High	Medium	Medium-High	Medium	-
SHELBURNE	BR7 on Bay Road over the LaPlatte River	2	34	Medium-High	Medium-High	Medium	Low	Medium-High	Medium	-
HINESBURG	BR6 on Charlotte Road over the LaPlatte River	3	34	Medium-High	Medium	Medium-High	Medium	Medium	Medium	-
HINESBURG	BR9 on Hollow Road over Hollow Brook - south of Hinesburg Hollow Road	4	34	Medium-High	Medium	Medium-High	Medium	Medium	Medium	-
HINESBURG	BR11 on Silver Street over Lewis Creek - near Monkton Town Line	5	32	Medium-High	Medium	Medium-High	Low	Medium	Medium	-
RICHMOND	BR9R on Huntington Road over the Huntington River - north of Mayo Road	6	32	Medium-High	Medium	Medium-High	Low	Medium	Medium	-
HUNTINGTON	B14 on Main Road over Huntington River	7	32	Medium-High	Medium	Medium-High	Low	Medium	Medium	-
UNDERHILL	BR9 on River Road over Browns River	8	30	Medium-High	Low	Medium-High	Medium	Low	Medium	-
UNDERHILL	BR8 on Pleasant Valley Road over Browns River - north of Beartown Road	9	30	Medium-High	Low	Medium-High	Medium	Low	Medium	-
JERICHO	BR13 on Nashville Road over Mill Brook - near Bentley Lane	10	30	Medium	Medium	Medium-High	Low	Medium	Medium	-
COLCHESTER	BR14 on Colchester Pond Road	11	29	Low	Medium	High	Low	Medium	Low	-
JERICHO	BR38 on Macomber Place over Lee River	12	29	Low	Medium	High	Low	Medium	Low	-
HUNTINGTON	B7H on Main Road over Cobb Brook - south of Charlie Smith Road	13	28	Medium-High	Low	Medium-High	Low	Low	Medium	-
HUNTINGTON	BR13 on Main Road over Huntington River South of Mayo Road	14	28	Medium-High	Low	Medium-High	Low	Low	Medium	-
UNDERHILL	BR31 on Green Street	15	28	Low	Medium-High	Low	Medium	Medium-High	Low	-
JERICHO	BR 17 on Browns Trace over Lee River - north of Lee River Road	16	26	Medium-High	Low	Medium	Low	Low	Medium	-
CHARLOTTE	Covered BR27 on Lake Road over Holmes Creek	17	26	Medium	Medium	Medium	Low	Medium	Low	-
HUNTINGTON	BR29 on Charlie Smith Road over Cobb Brook	18	25	Low	Low	High	Low	Low	Low	-
BOLTON	BR15 on Joiner Lane over Joiner Brook	19	25	Low	Low	High	Low	Low	Low	-
RICHMOND	BR8 on Cochran Road over Huntington River	20	24	Medium	Low	Medium	Low	Low	Medium	-

CCRPC 2022 Project Prioritization
Project Scoring Sheet

CCRPC Project Prioritization Scoring Criteria

		Planning Factors	
		Economic Vitality <i>Support the economic vitality especially by enabling global competitiveness, productivity, and efficiency</i>	Safety and Security <i>Increase the safety and security of the transportation system for motorized and nonmotorized users</i>
Project Characteristics	High Impact (10 points)	<input type="checkbox"/> Project provides new or improved access, including transit and pedestrian/bike access, to or within a Vermont designated Growth Center, Downtown, New Town Center or Village Center or a CCRPC designated Enterprise Planning Area <input type="checkbox"/> Project on an interstate or principal arterial that improves access for freight <input type="checkbox"/> Project improves airport access <input type="checkbox"/> Project improves access, including transit and pedestrian/bike access, to tourism facility <input type="checkbox"/> Project that improves access to the rail network	<input type="checkbox"/> Safety improvement in a VTrans identified High Crash Location – intersection or section of roadway <input type="checkbox"/> Bridge improvement for a bridge with critical safety deficiencies (sufficiency rating up to 25) <input type="checkbox"/> Dedicated pedestrian/bike facility making intermodal linkages or regional connections in a location with a documented existing safety problem
	Medium-High Impact (7 points)	<input type="checkbox"/> Project provides new or improved access, including transit and pedestrian/bike access, to or within a CCRPC designated Center, Metro or Village Planning area, or a municipal designated growth area <input type="checkbox"/> Project on a minor arterial or major collector that improves access for freight <input type="checkbox"/> Project addresses environmental issues that could impact economic development (stormwater, flood resiliency) <input type="checkbox"/> New/expanded Park and Ride Lot	<input type="checkbox"/> Bridge improvement for a bridge with serious safety issues (sufficiency rating of 25.1 to 50) <input type="checkbox"/> New median barriers, guardrails or shoulders <input type="checkbox"/> Intersection/roadway safety improvement in a location with a documented safety problem <input type="checkbox"/> Rail grade crossing improvement or warning signs <input type="checkbox"/> Dedicated pedestrian/bike facility with a documented safety problem on a Principal or Minor Arterial roadway
	Medium Impact (5 points)	<input type="checkbox"/> Project that provides new or improved access, including transit and pedestrian/bike access, to or within a future activity area identified in a municipal plan or study <input type="checkbox"/> Bus station/stop amenities and shelters <input type="checkbox"/> Project maintains or improves an access facility important to rural community including town highway bridges <input type="checkbox"/> Repave interstate or principal arterial	<input type="checkbox"/> Bridge safety improvement for a bridge with a sufficiency rating from 50.1–75 <input type="checkbox"/> Repave interstate or principal arterial <input type="checkbox"/> Dedicated pedestrian/bike facility in a location with a documented safety problem on a Major Collector roadway <input type="checkbox"/> Safety related transportation project identified in a study/report
	Low Impact (3 points)	<input type="checkbox"/> Other transportation improvement that supports economic development <input type="checkbox"/> Repave a minor arterial or major collector	<input type="checkbox"/> Repave a minor arterial or major collector <input type="checkbox"/> Bridge safety improvement for a bridge with a sufficiency rating over 75 <input type="checkbox"/> Dedicated pedestrian/bike facility in a location with a documented safety problem on a local road <input type="checkbox"/> Other safety related improvement identified in a study/report
	No Impact (0 Points)	<input type="checkbox"/> No discernible benefit	<input type="checkbox"/> No discernible benefits

* Improved access is defined as increase in capacity or reduced delay

		Planning Factors	
		Accessibility, Mobility and Connectivity <i>Enhance the integration and connectivity of the transportation system, across and between modes, for people and freight</i>	Environment, Energy and Quality of Life <i>Protect and enhance the environment, promote energy conservation, improve the quality of life, and promote consistency between transportation improvements and State and local planned growth and economic development patterns</i>
Project Characteristics	High Impact (10 points)	<input type="checkbox"/> Bicycle /pedestrian facility making intermodal linkages or regional connections to or within a Vermont designated Growth Center, Downtown, New Town Center or Village Center <input type="checkbox"/> Project that facilitates movement of goods or improves intermodal connectivity to or within a Vermont designated Growth Center, Downtown, New Town Center or Village Center <input type="checkbox"/> Project that benefits areas where 10% or more of the households are below the poverty level <input type="checkbox"/> Bridge or other project that maintains connectivity or reduces flood vulnerability in a location with no alternative route for residents or businesses	<input type="checkbox"/> Pedestrian/bike facility making intermodal linkages or regional connections resulting in the potential for reducing VMT <input type="checkbox"/> Clean fuel buses/vehicles and alternative fuel infrastructure <input type="checkbox"/> VMT reduction program including transportation demand management and park and ride lots <input type="checkbox"/> Transportation project that encourages compact land use or transit oriented development <input type="checkbox"/> Transportation project that reduces stormwater runoff or improves water quality or other stream ecological conditions for impaired waterways
	Medium-High Impact (7 points)	<input type="checkbox"/> Bicycle/pedestrian facility making intermodal linkages or regional connections to or within a CCRPC designated Center, Metro, Enterprise or Village Planning area or municipal designated growth area <input type="checkbox"/> Project that facilitates movement of goods or intermodal connectivity to or within a CCRPC designated Center, Metro, Enterprise or Village Planning area or municipal designated growth area <input type="checkbox"/> Project maintains or improve connectivity on interstate or principal arterial <input type="checkbox"/> Bridge or other project that maintains connectivity or reduces flood vulnerability in a location with limited alternative routes for residents or businesses (detour greater than 15 miles)	<input type="checkbox"/> Transportation project that reduces delay at an existing high volume intersection or group of intersections within a Vermont designated Growth Center, Downtown, New Town Center, Village Center, CCRPC designated Center, Metro, Enterprise or Village Planning area or municipal designated growth area <input type="checkbox"/> Traffic calming/streetscape project within a Vermont designated Growth Center, Downtown, New Town Center, Village Center, CCRPC designated Center, Metro, Enterprise or Village Planning area or municipal designated growth area <input type="checkbox"/> Projects that remove traffic from a neighborhood within a Vermont designated Growth Center, Downtown, New Town Center, Village Center, CCRPC designated Center, Metro, Enterprise or Village Planning area or municipal designated growth area <input type="checkbox"/> Pedestrian/bike facility making local connections resulting in the potential for reduced VMT <input type="checkbox"/> Transportation project that reduces stormwater runoff or improves water quality or other stream ecological conditions for non-impaired waterways
	Medium Impact (5 points)	<input type="checkbox"/> Bicycle/pedestrian facility making intermodal linkages or regional connections to or within a locally important activity center <input type="checkbox"/> Project that facilitates freight movement or intermodal connectivity to or within a locally important activity center <input type="checkbox"/> Project maintains or improves connectivity on minor arterial or major collector <input type="checkbox"/> Project that maintains connectivity and mobility for a rural community including town highway bridges	<input type="checkbox"/> Transportation project that reduces delay at an existing high volume intersection or group of intersections <input type="checkbox"/> Necessary bridge or roadway improvements within a Vermont designated Growth Center, Downtown, New Town Center, Village Center, CCRPC designated Center, Metro, Enterprise or Village Planning area or municipal designated growth area <input type="checkbox"/> Necessary bridge or roadway improvements on interstate or principal arterial
	Low Impact (3 points)	<input type="checkbox"/> Project that maintain or improve connectivity on minor arterials or major collectors	<input type="checkbox"/> Necessary bridge or roadway improvements on minor arterial or major collector <input type="checkbox"/> Other project that has a positive effect on the environment, energy use or quality of life in the region <input type="checkbox"/> Other bridge improvements
	No Impact (0 Points)	<input type="checkbox"/> No discernible benefits	<input type="checkbox"/> No discernible benefits

		Planning Factors	
		Preservation of Existing System <i>Emphasize the preservation of the existing transportation system</i>	Efficient System Management <i>To encourage and promote the safe and efficient management and operation of integrated, intermodal transportation systems to serve the mobility needs of people and freight and foster economic growth and development.</i>
Project Characteristics	High Impact (10 points)	<input type="checkbox"/> Reconstruction, resurfacing or intersection improvement for a project with a documented critical need <input type="checkbox"/> Bridge structural improvement for a bridge documented to be in danger of being closed or weight restricted (sufficiency rating of less than 25) <input type="checkbox"/> Reconstruction or resurfacing of an existing pedestrian/bike facility making intermodal linkages or regional connections with a documented signification need	<input type="checkbox"/> TDM strategies, programs and incentives including new or expanded park and ride lot that would reduce VMT <input type="checkbox"/> Traffic signal interconnect or other ITS improvement to reduce congestion <input type="checkbox"/> Improvement that reduces congestion to roadway, corridors or intersection with significant congestion (V/C over 1.5) <input type="checkbox"/> Pedestrian/bike facility making intermodal linkages or regional connections resulting in the potential to reduce congestions
	Medium-High Impact (7 points)	<input type="checkbox"/> Reconstruction, resurfacing or intersection improvement for a project with a documented significant need <input type="checkbox"/> Bridge structural improvement for a bridge with documented significant structural deficiencies (sufficiency rating of 25 – 50) <input type="checkbox"/> Reconstruction or resurfacing of an existing pedestrian/bike facility with a documented significant need <input type="checkbox"/> Necessary improvement to an existing park and ride lot	<input type="checkbox"/> Improvements that reduces congestion to roadway, corridor or intersection (V/C over 1) <input type="checkbox"/> New interchange on limited access highway, in a location with significant congestion, to relieve congestion <input type="checkbox"/> New signals or roundabout where warranted <input type="checkbox"/> New connections between existing streets to facilitate the use of alternative routes and reduce congestion <input type="checkbox"/> Necessary improvements to operate existing bridges and roadways on interstate or principal arterial
	Medium Impact (5 points)	<input type="checkbox"/> Reconstruction, resurfacing or intersection improvement for a project with a documented moderate need <input type="checkbox"/> Bridge structural improvement for a bridge with documented moderate structural deficiencies (sufficiency rating of 50.1-75) <input type="checkbox"/> Reconstruction or resurfacing of an existing pedestrian/bike facility	<input type="checkbox"/> Improvement that reduces congestion to roadway, corridor or intersection (V/C less than 1) <input type="checkbox"/> Median treatment or access management <input type="checkbox"/> Bicycle/pedestrian facility making locally important connections resulting in the potential for reducing congestion <input type="checkbox"/> Improvements that reduce travel time <input type="checkbox"/> Necessary improvements to operate existing bridges and roadways on minor arterial or major collector
	Low Impact (3 points)	<input type="checkbox"/> Other improvement to the existing transportation system <input type="checkbox"/> Bridge safety improvement for a bridge with a sufficiency rating over 75 <input type="checkbox"/> Transportation improvement that has an indirect benefit to the existing transportation system	<input type="checkbox"/> Necessary improvements to operate town highway bridges on minor collectors and local roads <input type="checkbox"/> Other improvements that benefit the transportation system.
	No Impact (0 Points)	<input type="checkbox"/> No discernible benefits	<input type="checkbox"/> No discernible benefits

CCRPC 2022 Project Prioritization
Supplemental Project Information

**Supplemental Project Information
Roadway Projects**

Roadway	Rank	CCRPC Score	VTrans Priority		TIP Status	Capital Program Status	CCRPC Future Land Use	Functional Class	High Crash
			Rank	Out of					
US2/Industrial Avenue, Williston	1	61	1	54	CON	Front of Book	Enterprise	Principal Arterial	Yes
Susie Wilson Road Improvements, Essex -- CIRC PHASE III	2	59	35	54	Scoping	Front of Book	Metro	Major Collector	Yes
Champlain Parkway, Burlington	3	57	1	5	CON	Front of Book	Enterprise/ Metro	Principal Arterial	Yes
Prim/West Lakeshore Drive Intersection, Colchester - CIRC PHASE III	4	55	33	54	CON	Front of Book	CCRPC Village	Minor Arterial	Yes
Exit 12 Area Improvements -- CIRC PHASE III	5	51	10	54	No funds programmed	Development & Evaluation	State Growth Center	Interstate/ Principal Arterial	Yes
VT2A Reconstruction, Colchester - CIRC PHASE III	6	50	15	54	No funds programmed	Development & Evaluation	CCRPC Village	Minor Arterial	Yes
VT2A Culvert Rehab	7	46	32	54	CON	Front of Book	State Growth Center	Principal Arterial	No
Bolton-Milton I-89 Safety Improvements	8	45			Not listed	Development & Evaluation	All	Interstate	Sections
Williston Mountain View Multi-Modal Facility	9	43	54	54	No funds programmed	Candidate	Suburban/ Rural	Major Collector	No
VT117/North Williston Road Hazard Mitigation, Essex - CIRC PHASE III	10	42	52	54	No funds programmed	Candidate	Rural	Major Collector	No
Airport Drive, S. Burlington	11	39	4	5	Not listed	Candidate	Enterprise/ Metro	Minor Arterial	No
Williston Rehabilitate Culvert on I-89 SB at MM 81.8 (Near Oak Hill Road)	12	38			Not listed	Front of Book	Village	Interstate	No
Richmond Rehabilitate Culvert on US2 at MM 2.25 (North of Baker Street)	13	32	30	54	Not listed	Front of Book	Village	Minor Arterial	Segment

Traffic Operations & Safety

Traffic Operations & Safety	Rank	CCRPC Score	VTrans Priority		TIP Status	Capital Program Status	Planning Designation	Functional Class	High Crash
			Rank	Out of					
South Burlington - I-89 Exit 14 Signal Upgrades	1	67	17	18	CON	Front of Book	Metro	Principal Arterial/ Minor Arterial	Yes
Exit 16 Improvements, Colchester - CIRC PHASE I	1	61	1	18	CON	Front of Book	Enterprise/ Metro	Principal Arterial	Yes
Severance Corners, Colchester - CIRC PHASE II	3	61	8	18	CON	Front of Book	State Growth Center	Principal Arterial	Yes
VT116/CVU Road, Hinesburg	4	61	Safety - Not ranked		CON	Front of Book	CCRPC Village	Minor Arterial	Yes
Shelburne Road Roundabout, Burlington	5	58	Safety - Not ranked		CON	Front of Book	Metro	Principal Arterial	Yes
US7/Middle Road/Railroad Street, Milton	6	57	7	18	CON	Front of Book	Center	Principal Arterial	Yes
US2/Trader Lane, Williston	7	57	9	18	CON	Front of Book	State Growth Center	Principal Arterial/ Local	No
VT2A/Industrial Avenue, Williston - CIRC PHASE III	8	57	5	18	CON	Front of Book	Suburban	Principal Arterial	Yes
VT15/Sand Hill, CIRC PHASE II	9	53	10	18	CON	Front of Book	Suburban	Principal Arterial	No
VT117/North Williston Road, Essex - CIRC PHASE III	10	52	12	18	CON	Front of Book	Rural	Principal Arterial	No
US7/Harbor Road/Falls Road, Shelburne	*	49	Illustrative		Illustrative	Illustrative	State Village	Principal Arterial	Yes
Bayside Intersection Roundabout, Colchester	11	46	Not ranked		No funds programmed	Candidate	CCRPC Village	Minor Arterial/Major Collector	Yes
VT116/VT2A Intersection Improvements, St. George	12	43	Not ranked		Scoping	Candidate	CCRPC Village	Principal Arterial/Minor Arterial	Yes
South Burlington-Colchester Safety Improvements in the area of Exit 16	13	41	Not ranked		Not listed	Front of Book	Metro/ Enterprise	Interstate	No

* US7/Harbor Road/Falls Road has recently completed scoping and CCRPC seeks to have this project added to the Capital Program. The project has been scored, but not ranked because it is not currently part of the transportation program.

Supplemental Project Information
Paving, State Bridge and Town Highway Bridge

	Rank	CCRPC Score	VTrans Priority		TIP Status	Capital Program Status	Planning Designation	Functional Class	High Crash
			Rank	Out of					
<u>Paving</u>									
US2, Richmond-Bolton	1	26	35	56	Not listed	Front of Book	Village/ Rural	Minor Arterial	Yes
<u>Town Highway Bridge</u>									
Huntington Bridge 32 on Camels Hump Road (TH22) - west of Fielder Road	1	50	3	49	CON	Front of Book	Rural	Town Road	No
Huntington Bridge 10 on Main Road - south of Beane Road	2	33	11	49	Not listed	Candidate	CCRPC Village	Major Collector	No
Underhill Bridge 7 on Pleasant Valley Road - near Deane Road	3	30	10	49	Not listed	Candidate	Rural	Major Collector	No
Jericho Bridge 15 on Brown's Trace - near Fitzsimonds Road	4	28	9	49	Not listed	Candidate	Rural	Minor Arterial	No
Charlotte Bridge 31 on Dorset Street - south of Carpenter Road	5	26	36	49	Not listed	Candidate	Rural	Town Road	No

**2022 CCRPC Town Highway Bridge Pre-Candidate List
Supplemental Project Information**

		CCRPC Rank	VTrans Rank	CCRPC Planning Designation	Roadway Functional Class	Condition - Deck/ Superstructure/ Substructure (out of 10)	Detour Length (Miles)	Average Daily Traffic	Federal Sufficiency Rating (out of 100)
HUNTINGTON	BR9H on Main Road over Texas Hill Brook north of Texas Hill Road	1	65	CCRPC Village	Major Collector	5/6/7	15	2140	43.4
SHELBURNE	BR7 on Bay Road over the LaPlatte River	2	148	Suburban	Major Collector	5/6/5	5	2300	40.6
HINESBURG	BR9 on Hollow Road over Hollow Brook - south of Hinesburg Hollow Road	3	125	Enterprise	Major Collector	6/6/6	17	1560	51
HINESBURG	BR6 on Charlotte Road over the LaPlatte River	4	128	CCRPC Village	Major Collector	Culvert - 5	11	2010	64
HINESBURG	BR11 on Silver Street over Lewis Creek - near Monkton Town Line	5	271	Rural	Major Collector	7/7/7	30	3330	73.6
RICHMOND	BR9R on Huntington Road over the Huntington River - north of Mayo Road	6	91	Rural	Major Collector	7/7/5	15	2170	66.2
HUNTINGTON	B14 on Main Road over Huntington River	7	169	Rural	Major Collector	8/6/6	23	1740	63.4
UNDERHILL	BR9 on River Road over Browns River	8	252	CCRPC Village	Major Collector	8/8/8	20	2730	75.7
UNDERHILL	BR8 on Pleasant Valley Road over Browns River - north of Beartown Road	9	72	CCRPC Village	Major Collector	5/6/6	20	1550	86
JERICHO	BR13 on Nashville Road over Mill Brook - near Bentley Lane	10	182	Rural	Rural Minor Collector	6/7/6	16	850	68.3
JERICHO	BR38 on Macomber Place over Lee River	11	83	Rural	Town Road	6/6/5	No alt route	10	61.7
COLCHESTER	BR14 on Colchester Pond Road	12	301	Rural	Town Road	7/7/5	No alt route	75	63.2
UNDERHILL	BR31 on Green Street	13	207	CCRPC Village	Town Road	6/6/6	No alt route	10	37.6
HUNTINGTON	B7H on Main Road over Cobb Brook - south of Charlie Smith Road	14	85	Rural	Major Collector	8/8/7	23	890	86.5
HUNTINGTON	BR13 on Main Road over Huntington River South of Mayo Road	15	289	Rural	Major Collector	8/8/8	15	2180	84.4
JERICHO	BR 17 on Browns Trace over Lee River - north of Lee River Road	16	282	Rural	Major Collector	6/7/6	6	2820	79.3
CHARLOTTE	Covered BR27 on Lake Road over Holmes Creek	17	183	Rural	Town Road	6/6/6	6	550	53.4
HUNTINGTON	BR29 on Charlie Smith Road over Cobb Brook	18	245	Rural	Town Road	6/7/7	No alt route	10	75.9
BOLTON	BR15 on Joiner Lane over Joiner Brook	19	142	Rural	Town Road	5/6/7	No alt route	20	81
RICHMOND	BR8 on Cochran Road over Huntington River	20	209	Rural	Rural Minor Collector	8/8/7	7	1345	88.5