



Transportation Advisory Committee Agenda

Tuesday, August 2, 2022

9:00 to 10:45 am

This is a virtual meeting only.

Join Remotely:

<https://us02web.zoom.us/j/82462008536?pwd=NVIlaWlyZEU2aXRaNHUxZlY5cHoyZz09>

Meeting ID: 824 6200 8536

Password: 684952

One tap mobile: <tel:+16468769923,,82462008536#,,1#,684952#>

Dial by phone: 1-646-876-9923 **Meeting ID:** 824 6200 8536

Agenda

1. Call to Order, Attendance (1 min)

2. Consent agenda (0 min)

None this month.

3. Minutes of June 7, 2022* (Action Item – 2 min)

See attached minutes.

4. Public Comment Period

Members of the public are invited to raise issues of interest or concern to the TAC on items not on the agenda.

5. VTrans Transportation Equity Framework (Discussion Item – 60 min)

The Vermont Transportation Equity Framework is being developed by the Vermont Agency of Transportation (VTrans) in partnership with the 11 RPCs. The Framework project seeks to develop a comprehensive set of actions to address inequities through changes in transportation policies and investments. The project team will introduce the project and lead a discussion on how the CCRPC considers transportation equity in its activities.

6. 2023 Metropolitan Transportation Plan (MTP) Update* (Discussion Item – 30 min)

CCRPC staff will present progress on updating the MTP, the region's long-range transportation plan. The TAC will be asked to review a) preliminary project lists; and b) draft MTP vision, goals, and objectives.

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

See bulleted list at the end of the agenda 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 Board Meeting Report (Information Item – 2 min)

In July the Board held a public hearing on and voted to approve the FY23-26 Transportation Improvement Program, voted to certify the planning process, heard a presentation on the West Central Vermont, Comprehensive Economic Development Strategy (CEDS) and how the CEDS will be incorporated into our 2023 ECOS Plan, considered openings

In accordance with provisions of the Americans with Disabilities Act (ADA) of 1990, as amended, the CCRPC will ensure public meetings are accessible to all people. Requests for free interpretive or translation services, assistive devices, or other requested reasonable accommodations, should be made to Emma Vaughn, CCRPC Title VI Coordinator, at 802-846-4490 ext. 121 or evaughn@ccrpcvt.org, at least 3 business days prior to the meeting for which services are requested.

on various Board committees, heard a legislative priority update, heard an update on the Equity Advisory Committee, and other Executive Director updates.

9. Chair/Members' Items (Information Item – 5 min)

- **Safe Streets and Roads for All:** The Bipartisan Infrastructure Law (BIL) established the new Safe Streets and Roads for All (SS4A) discretionary program to support regional, local, and tribal initiatives through grants to prevent roadway deaths and serious injuries.
 - SS4A website with the notice of funding opportunity (NOFO): <https://www.transportation.gov/SS4A>
 - Webinars with more info: <https://www.transportation.gov/grants/SS4A/webinars>
- **VTrans Mobility and Transportation Innovation (MTI) Grant Program:** Applications are being accepted for innovative strategies and projects that improve mobility and access to services for transit-dependent Vermonters, reduce the use of single-occupancy vehicles, and reduce greenhouse gas emissions. The application, with more details about the program and funding guidelines, is available on the AOT website at <https://vtrans.vermont.gov/public-transit>. The deadline for filing applications (email preferred) is Friday August 26 at 4:30 p.m. To request a copy of the application, or if you have any questions, please contact Dan Currier, Go Vermont Program Manager, 802-279-5236, Dan.J.Currier@vermont.gov.
- **VTrans Park and Ride Grant Program:** Applications are due by e-mail by September 2, 2022. To learn more about this year's grant program and to access the Municipal Park-and-Ride Program information and applications, visit <http://vtrans.vermont.gov/highway/parkandrides>
- The **VLCT Municipal Equity Toolkit** is a ten-part online resource that covers everything from creating a municipal equity committee to building a framework and action plan to listing equity-related books, podcasts, and videos. It is free and available at vlct.org/JDEIB-resources.
- **Greenride Bikeshare** update: vendor Bolt Mobility ceased operating in July. The project team is exploring system options for 2022 and 2023.

* = Attachment

Next Meeting: Tuesday, September 6, 2022

Potential Future Agenda Items:

- Regional Active Transportation Plan update
- Title VI and racial equity update
- Traffic calming policies
- Bike lane design guidance
- Bike facility winter maintenance
- AID grant/ Bluetooth sensors update
- Burlington School District travel plans for 9 schools

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
- Advanced Traffic Monitoring System through FHWA AID grant
- Regional Transportation Energy Planning
- Transportation Hazard Mitigation Planning
- ECOS MTP Plan (2023) Update
- Coordination with GMT on ADA and Elders & Persons with Disabilities advisory committees
- Regional Transit Funding Model - *Completed*
- E&D, ADA & Medicaid Call Center Feasibility Study - *Completed*
- Regional Park & Ride Plan
- Active Transportation Plan update
- Chittenden County I-89 2050 Study - *Completed*
- I-89 Interchange Review (Bolton & Milton) - *Completed*
- North Winooski Avenue Parking Management Plan (Burlington) - *Completed*
- Queen City Park Road/Austin Drive Buke and Pedestrian Study - *Completed*
- 2021/2022 Way to Go! - *Completed*
- Greenride Bikeshare
- Richmond Road Path Study Update (Hinesburg) - *Completed*
- Property Transportation Plan: Reduce transportation emissions in commercial and affordable multi-unit sectors with Burlington Electric Department and Burlington 2030 District
- Richmond Bike/Ped/Trails Master Plan – Phase 2 (*Phase 1 Completed*)
- Richmond Village Sidewalks Scoping Study
- VT15 Corridor Pedestrian and Road System Study (Essex)
- City of Burlington School District School Travel Plan and Traffic Control Plan - *Completed*
- Shelburne Bicycling and Pedestrian Connectivity Study
- Winooski Traffic Calming Policy
- Winooski Parking Inventory, Analysis, and Management Plan
- South Burlington Bike/Ped Mapping Phase II - *Completed*
- Mary Street Sidewalk Feasibility study (South Burlington) - *Completed*
- Kimball Ave Path Feasibility Study for Crossing of Potash Brook (South Burlington) - *Completed*
- Form-Based Code for Williston's Growth Center
- Watershed Resiliency Mapping/Transportation Resiliency Planning Tool (TRPT; Bolton, Richmond, Huntington (and a little bit of Jericho, Essex and Williston)
- Westford Town Green Stormwater Treatment Assessment
- Right-of-Way Condition Inventory for Stormwater Retrofit Feasibility – Phase 2 (Burlington) - *Completed*
- LPM services for Underhill sidewalk construction on VT 15 - *Completed*
- LPM services for Shelburne – Irish Hill Road Sidewalk and Pedestrian Bridge project
- Municipal Road General Permit (MRGP) Work
- Grants-In-Aid Coordination with Municipalities
- Staff are working to initiate the FY23 projects

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

5 DATE: Tuesday, June 7, 2022
6 TIME: 9:00 a.m.
7 PLACE: Virtual Meeting via Zoom
8

9 **Members Present**

10 Amy Bell, VTrans
11 Matthew Arancio, VTrans
12 Dave Pelletier, VTrans
13 Tina Bohl, VTrans
14 Bryan Osborne, Colchester
15 Bob Henneberger, Seniors
16 Dennis Lutz, Essex
17 Dierdre Holmes, Charlotte
18 Dean Bloch, Charlotte
19 Barbara Elliott, Huntington
20 Ravi Venkataraman, Richmond
21 Kirsten Jensen, Milton
22 Sandy Thibault, CATMA
23 Chris Damiani, GMT
24 Adam Wechsler, Jericho
25 Tom DiPietro, South Burlington
26 Robin Pierce, Essex Junction
27

Bruce Hoar, Williston
Jon Rauscher, Winooski
Jonathon Weber, Local Motion
Mary Anne Michaels, Rail
Tom DiPietro, South Burlington

28 **Staff**

Charlie Baker, Executive Director
Eleni Churchill, Transportation Program Manager
Bryan Davis, Senior Transportation Planner
Christine Forde, Senior Transportation Planner
Marshall Distel, Senior Transportation Planner
Sai Sarepalli, Senior Transportation Planning Engineer
Jason Charest, Senior Transportation Planning Engineer

29 **Guest**

Jonathan Slason, RSG

30 1. Bryan Osborne called the meeting to order at 9:02 AM.

31 **2. Consent Agenda**

32 DENNIS LUTZ MADE A MOTION TO APPROVE THE CONSENT AGENDA, SECONDED BY
33 BOB HENNEBERGER. THE MOTION PASSED UNANIMOUSLY.

34 **3. Approval of May 2, 2022 Minutes**

35 BARBARA ELLIOTT MADE A MOTION TO APPROVE THE MINUTES OF MAY 2, 2022,
36 SECONDED BY JONATHON WEBER. THE MOTION PASSED UNANIMOUSLY.
37

38 **4. Public Comments**

39 No comments from the public.
40

41 **5. FY2023-2026 Draft TIP**

42 Christine Forde, CCRPC, provided background on the Transportation Improvement Program (TIP),
43 reviewed the various sections and components of the document, and gave a presentation on the draft
44 FY2023–2026 TIP. Note that airport items are included for information purposes only because the
45 CCRPC, as a metropolitan planning organization (MPO) doesn't have control over aviation funds.
46 Chirstine noted this is a large TIP which reflects a number of large projects that have been in development
47 for a number of years. For example, the New Facility/Major Roadway Upgrades category includes the
48 Champlain Parkway, Railyard Enterprise, and Exit 17. The Safety/Traffic Operations/ITS category has
49 the highest number of projects (18). There is a significant amount of transit funding which goes to Green
50 Mountain Transit. The TIP also includes a number of Circ Alternative projects. Jonathon asked if we
51 have a high level sense of how we're doing with system preservation and are we spending
52 enough to keep up with it. Christine says we take a closer look during development of the long
53 range transportation plan. Eleni adds that we'll be looking at performance measures for progress
54 and we'll have more information in the fall. Dennis said it's important that we look in retrospect at

1 the Circ Alts projects and whether they addressed the congestion they were designed to address since the
2 Circ Highway wasn't constructed.

3 DENNIS LUTZ MADE A MOTION THAT THE CCRPC BOARD WARN A PUBLIC HEARING FOR
4 THEIR JULY MEETING FOR THE FY2023–2026 TIP, AND THAT THE BOARD APPROVE THE
5 TIP IN JULY, SECONDED BY SANDY THIBAUT. THE MOTION PASSED UNANIMOUSLY.
6

7 **6. Regional Park & Ride Plan Update and Discussion**

8 Jonathan Slason, RSG, gave a brief overview of the project purpose and schedule, reviewed the revised
9 vision and goals, shared an facility inventory and commute shed map, noting the absence of a facility in
10 the south/Rt 7 area, shared a summary of facility findings and occupancy data (there has been a decline in
11 use during COVID), pointed out the decline in transit ridership and correlation in lower Park and Ride
12 use, and presented the methodology to screen, prioritize and implement future facilities.
13

14 Jonathon Weber suggested that Park and Rides closer to Burlington consider including bikeshare stations,
15 and he noted that Local Motion is working with VTrans to relocate the existing bike lockers in Burlington
16 and Winooski to Park and Ride facilities and they can evaluate and the utilization rates at some point. He
17 also asked that this team push a little harder on the quality of the bike facilities connecting to Park and
18 Rides which are often located on state highways, and painted bike lanes are high stress facilities and he'd
19 like to see facilities with a bicycle level of traffic stress of 1 or 2. He asked if we have data to support that
20 Park and Rides are reducing greenhouse gas emissions and vehicle miles traveled? Jonathan Slason said
21 we know there's consolidation at these facilities, but we don't know exactly what that looks like at this
22 time, so let's see if can track how much consolidation onto transit or into cars or on bikes is happening.
23

24 Deirdre asked if there is a way to measure demand for a potential facility that doesn't yet exist, such as in
25 Charlotte? Jonathan said there is demand correlated with certain activities, and that would be a location to
26 go to, and it's primarily the commuting mode that we're looking to shift at a Park and Ride, and we know
27 how many people are employed in a location, we know generally where they work because of census data
28 and employment data, so we know how many people are going to the same origin and destinations, so we
29 can roughly connect the percentage of people who can combine trips, and we know areas with limited
30 access to transit to get to those locations, so level of transit access and number of employed persons gives
31 a starting point.
32

33 Chris from GMT noted that two of the biggest factors from the transit perspective are the frequency of
34 service and the travel time of bus versus car. He also asked why the Ferrisburg/Vergennes facility wasn't
35 included on the Route 7 corridor as it's served by TVT for the Link route. Jonathan said the team didn't
36 have data on its occupancy and we didn't do an existing facility summary of it because it's outside the
37 county, but we should acknowledge that's it's just outside the county boundary. Jonathan asked Chris if
38 the travel time of the buses is tracked, and if it's changed over time, has there been more or less
39 congestion, and is this something that could be shared? Chris says GMT has tracked this at certain times
40 and will look into what is available to share. Jonathan mentioned the ridership demand piece and noted
41 that Steven Falbel, Steadman Hill provided some data but if there are data points or trends that would be
42 valuable to include in the plan to show correlation on Park and Ride occupancy and transit ridership to let
43 him know.
44

45 Sandy agreed with Jonathon Weber that other transportation options need to be near these facilities such
46 as in Colchester. She noted that parking utilization is impacted by things like working from home, there's
47 been a decline at UVM and on the Hill. CATMA will be conducting their fall survey and said they could
48 add a question to it to get additional data. Jason Charest asked if a question could be included to
49 understand people's willingness to share a vehicle with others. Sandy noted it might be related to people's
50 schedules rather than comfort.
51

52 Jonathan suggested that rather focus on facility prioritization, the Plan instead consider what would be the
53 necessary steps for implementation.

1 Amy Bell asked what role do municipal park and rides play in this Plan, it seems like the focus is on state
2 facilities? There might be smaller scale facilities that play a role in meeting Park and Ride demand.
3 Jonathan says RSG has been carrying out the work regardless of facility ownership and jurisdiction, but
4 notes that the implementation and maintenance would matter by jurisdiction. He asked CCRPC staff to
5 respond as to whether and how implementation would be affected by the municipal versus state facilities.
6 Eleni would like to consider this further and the role that/potential impact of smaller municipal facilities.
7 Amy suggests that those local facilities could meet demand in areas where this study shows but doesn't
8 indicate facility. Need to consider how many might be needed if existing ones are currently being utilized
9 to their full potential.

10
11 The TAC gave consensus on the direction RSG is headed. The project is slated to be complete by the end
12 of July. Deirdre asked if RSG has come across a price per gallon that changes people's driving behavior?
13 Jonathan said there isn't specific price but there is price elasticity so that as fuel prices increase, behavior
14 changes to some extent. Also, new technologies like being able to attend meetings virtually can affect
15 transportation behavior.

16 17 **7. I-89 2050 Study Update**

18 Eleni Churchill, CCRPC, gave an overview of the project including vision, goals, and schedule. Jason
19 Charest, CCRPC, then reviewed the project process including a corridor assessment and corridor
20 "bundles" evaluation. Bob asked if electrification of fleet and impacts on fuel consumption were taken
21 into account? Yes that was part of bundle 2 which modeled 90% of light duty fleet being electric.
22 Eleni reviewed a table of final recommendations (short, medium, long term) which were approved by the
23 CCRPC Board in May. This includes forming a monitoring committee that will meet to review data,
24 metrics, transportation demand management (TDM) implementation and so on. The TDM bundle
25 includes an aggressive scenario in the short term, and the implementation and resulting impacts will
26 provide important data and information about other future needed I-89 investments from this study.
27 The next step is to work on completing the final draft report. <https://envision89.com/>
28

29 **8. E&D Summit Recap**

30 Marshall Distel, CCRPC, provided an overview and recap of the Third Annual E&D (Elders and Persons
31 with Disabilities) Transportation Summit held June 3 in Burlington. This event was aimed at providers
32 and partners from around the state. The agenda and presentations are available at:
33 <https://vtrans.vermont.gov/public-transit/E-and-D>
34 Sandy noted that CATMA is hosting a transportation summit in the fall and will be in touch about some
35 of the information from the E&D Summit.
36

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

38 See bulleted list at the end of the agenda for current CCRPC projects. TAC members are encouraged to
39 ask staff for more information on the status of any of these on-going or recently completed projects.
40

41 **10. CCRPC Board Meeting Report**

42 In May the Board had a public hearing for and voted to approve a Major TIP Amendment, held a public
43 hearing for and voted to approve the FY23 UPWP and Budget, voted to approve the submission of the
44 VPSP2 Asset and Regionally Driven Potential Project List to VTrans, heard a staff presentation on the I-
45 89 2050 Study draft recommendations, heard an update on CCRPC equity contract and tasks, and heard
46 other updates from the Executive Director.
47

48 **11. Chair/Members' Items**

- 49 • 2022 VTrans Bicycle and Pedestrian Grant Program is open. Applications must be received by
50 1:00 p.m., June 8. <https://vtrans.vermont.gov/highway/local-projects/bike-ped>
- 51 • VTrans Municipal Roads Grants-in-Aid program announced – letters of intent due June 24, for
52 more information visit <https://vtrans.vermont.gov/highway/Municipal-Grant-in-aid-Program> or

- 1 contact Ross Gouin, 802-595-2381, Ross.Gouin@vermont.gov.
- 2 • Safe Streets and Roads for All: The Bipartisan Infrastructure Law (BIL) established the new Safe
3 Streets and Roads for All (SS4A) discretionary program to support regional, local, and tribal
4 initiatives through grants to prevent roadway deaths and serious injuries.
- 5 ○ SS4A website with the notice of funding opportunity (NOFO):
6 <https://www.transportation.gov/SS4A>
7 ○ Webinars with more info: <https://www.transportation.gov/grants/SS4A/webinars>

8 Charlie recognized Dennis Lutz and his upcoming retirement and thank him for his years of service to the
9 Town of Essex, CCMPO and CCRPC. Dennis said that Aaron Martin will be the new TAC
10 representative. Dennis will continue with some work for the Town on a part time basis in the fall.

11
12 The next TAC meeting is scheduled for Tuesday, July 5, 2022 but may be cancelled, we will let TAC
13 members know.

14
15 The meeting adjourned at 10:46.

16
17 Respectfully submitted, Bryan Davis

DRAFT



Chittenden County Transportation Advisory Committee

August 2, 2022

Agenda Item 6a: Discussion Item

Metropolitan Transportation Plan Preliminary Project List

Issues: The Metropolitan Transportation Plan (MTP) is the region's principal transportation planning document that sets regional transportation priorities. It consists of short- and long-range strategies to address transportation needs that lead to the development of an integrated, intermodal transportation system that facilitates the efficient movement of people and goods.

One component of the MTP is a fiscally constrained list of federally funded projects that will help us work towards our vision and goals for the future transportation system. We are currently working on the financial plan that will estimate the federal funds expected to be available over the next 20 years. That plan will be presented at a future TAC meeting.

The MTP project list includes federally funded transportation projects proposed to be implemented over the next 20 years. The list is multimodal but does not specifically list maintenance projects. Maintenance projects, including paving and bridge rehabilitation, are funded through a set-aside for those activities.

The TAC is being asked to review the current MTP project list and make recommendations for additions and deletions to the list. To facilitate this discussion please find attached the following three items:

Table 1 – 2018 MTP Project List – Project finished Since 2018

- This table lists projects that have been completed and will be removed from the MTP project list.

Table 2 – 2018 MTP Project List – Projects not Constructed

- This list is the starting point for the 2023 MTP Project List and contains projects that were previously selected, in cooperation with municipalities.

Table 3 – CCRPC Planning Studies Completed Since 2018

- This table is being provided as a reference to TAC members and lists the planning studies that have been completed since 2018. There may be projects on this list that should be added to the MTP project list.

Staff Recommendation: Recommend that the TAC review the MTP project list and make recommendations for additions or deletions to the list.

For more information contact: Christine Forde
cforde@ccrpcvt.org

Attachments: Table 1 – 2018 MTP Project List – Project finished Since 2018
Table 2 – 2018 MTP Project List – Projects not Constructed
Table 3 – CCRPC Planning Studies Completed Since 2018

Table 1
2018 MTP Project List - Updated 2022
Projects Finished Since 2018

Municipality	Project	Category	Status 2022
Burlington	Champlain Elementary Pedestrian Crossing Improvements	Bike&Ped	Constructed 2019
Burlington	Colchester Avenue Sidepath	Bike&Ped	Constructed 2020
Burlington	North Avenue Crosswalks	Bike&Ped	Constructed 2018
Burlington	Burlington Bike Path Rehabilitation - Oakledge to Maple Street (\$10M funded at 50% federal)	Bike&Ped	Funded by Burlington - Completed
Charlotte	US7 Reconstruction (Constructed 2017)	Roadway/Traffic & Safety	Constructed 2017
Charlotte	US7/Ferry Road Intersection Improvements	Roadway/Traffic & Safety	Constructed 2019
Colchester	Fort Ethan Allan Sidewalks (Constructed 2017)	Bike&Ped	Constructed 2017
Colchester	Mountain View Drive Sidewalk (Constructed 2017)	Bike&Ped	Constructed 2017
Colchester	West Lakeshore Drive Path Phase 1	Bike&Ped	Constructed 2020
Colchester	VT2A/US7/Creek Road/Bay Road Intersection (Constructed 2017)	Roadway/Traffic & Safety	Constructed 2017
Colchester	Blakely Road / Laker Lane Intersection Improvements - CIRC ALT PHASE III	Roadway/Traffic & Safety	Constructed 2020
Colchester / Essex / Essex Junction	VT15 Multi-use Path - Phase 1 Lime Kiln Road to Susie Wilson Road - CIRC ALT PHASE II	Bike&Ped	Constructed 2020
Essex	Pinecrest Drive Sidewalk	Bike&Ped	Constructed 2020
Essex	Towers Road Sidewalk	Bike&Ped	Constructed 2019
Essex	VT2A/VT289 Interchange Improvements - CIRC ALT PHASE I	Roadway/Traffic & Safety	Constructed 2018
Colchester	US7/I-89 Exit 16 Park & Ride	Park&Ride/ Intermodal	Facility constructed across from Hercules Drive
Essex Junction	VT15 Improvements - Post Office Square to Five Corners Improvements - CIRC ALT PHASE II (constructed in 2017)	Roadway/Traffic & Safety	Constructed 2017
Essex, Williston	Signal Upgrades on VT2A and VT15	Roadway/Traffic & Safety	Constructed 2018
Hinesburg	Village North Sidewalk	Bike&Ped	Constructed 2019
Hinesburg	VT116/CVU Road Improvements	Roadway/Traffic & Safety	Constructed 2020
Jericho	Browns Trace Multimodal Connection -- Pratt Road to Lee River Road	Bike&Ped	Constructed 2020
Jericho	Browns River Middle School and Union ID School Crossing Improvements	Bike&Ped	Constructed 2018
Jericho	VT15/Browns Trace Intersection	Roadway/Traffic & Safety	Constructed 2017

Milton	Cherry Street Railroad Crossing	Bike&Ped	Constructed 2020
Milton	US7 Sidewalk - Nancy Drive to Haydenberry Drive	Bike&Ped	Constructed 2020
Shelburne	Village Sidewalks and Crosswalks (Constructed 2017)	Bike&Ped	Constructed 2017
South Burlington	VT116 Sidewalk to Tilley Drive (Constructed 2017)	Bike&Ped	Constructed 2017
South Burlington	Market Street	Roadway/Traffic & Safety	Constructed 2019
South Burlington	Allen Road Shared Use Path West of Spear Street - 800 foot gap	Bike&Ped	No federal funds
South Burlington	Implement Signal Control and Pedestrian Upgrades, Shelburne Road between IDX Drive and I-189 (to be fund with AID grant)	Roadway/Traffic & Safety	Signal upgrades 2021
Underhill	Underhill Flats Sidewalk	Bike&Ped	Constructed 2021
Williston	VT2A/James Brown Drive - CIRC ALT PHASE 1	Roadway/Traffic & Safety	Constructed 2019
Regional Rail	Burlington Rail Platform Upgrades	Rail	Constructed 2022

Table 2
2018 MTP Project List - Updated 2022
Projects Not Constructed

Project	Category	Comments 2022	Time Frame - 2018 MTP
Bolton			
Need Identified in a Scoping or Planning Study, Not in Capital Program or on TIP			
US2/Bolton Access Road Park & Ride	Park&Ride/ Intermodal		Medium
Burlington			
Capital Program - Front of the Book and on CCRPC TIP			
Champlain Parkway	Roadway/Traffic & Safety	Construction Contracted Awarded -- FY22	Short
Intervale Road Shared Use Path	Bike&Ped	2021 Bike&Ped Award (\$1,162,000)	Short
Railyard Enterprise Project	Roadway/Traffic & Safety	CON SFY25/26/27	Short-Medium
Shelburne Street Roundabout	Roadway/Traffic & Safety	To be completed in FY23	Short
Capital Program - Development & Evaluation and on CCRPC TIP			
Colchester Avenue/Prospect Street Intersection Improvements (\$1m funded at 50% federal)	Roadway/Traffic & Safety	VPSP2 Regionally Driven	Short
Colchester Avenue/Riverside Avenue Intersection Improvements	Roadway/Traffic & Safety	VPSP2 Regionally Driven	Medium
Capital Program - VPSP2 Selected Project -- not yet added to Capital Program			
Main Street Great Street - Battery to Union (\$10.3m funded at 50% federal)	Roadway/Traffic & Safety	VPSP2 Regionally Driven	Short-Medium
Need Identified in a Scoping or Planning Study, Not in Capital Program or on TIP			
Battery Street Improvements (\$3.5m funded at 50% federal)	Roadway/Traffic & Safety		Medium
Champlain Elementary Safe Routes to School - Phase II (\$425,000 funded at 20% federal)	Bike&Ped		Short
Cherry Street Complete Street	Roadway/Traffic & Safety		Short
Colchester Avenue/East Avenue Intersection Improvements (\$0.78m funded at 50%)	Roadway/Traffic & Safety		Medium
Depot Street Improvements (Bike/Ped)(\$1.1m funded at 50% federal)	Bike&Ped		Short
Main Street Complete Street - US2 Section	Roadway/Traffic & Safety		Medium
North Avenue Improvements (\$16.35m funded at 50%)	Roadway/Traffic & Safety		Short-Medium
Pearl Street Complete Street (\$3.3m funded at 50% federal)	Roadway/Traffic & Safety		Short
Shelburne Street Improvements - Complete Streets	Roadway/Traffic & Safety		Medium
Sherman Street Connection to Depot Street - Stairway Street (0.775m funded at 50% federal)	Bike&Ped		Short
Winooski Avenue Improvements (\$12.9m funded at 50% federal)	Roadway/Traffic & Safety		Short
Burlington/ Winooski			
Need Identified in a Scoping or Planning Study, Not in Capital Program or on TIP			
Bike/Ped Bridge Crossing of the Winooski River in the vicinity of the "Blue Bridge"	Bike&Ped		Long

Table 2
2018 MTP Project List - Updated 2022
Projects Not Constructed

Project	Category	Comments 2022	Time Frame - 2018 MTP
Winooski River Bicycle/Pedestrian Bridge (dependent on outcome of Winooski Main Street Bridge scoping)	Bike&Ped		Medium
Charlotte			
Need Identified in a Scoping or Planning Study, Not in Capital Program or on TIP			
Charlotte Village Parking	Park&Ride/ Intermodal		Medium
Town Link Trail	Bike&Ped		Short
Colchester			
Capital Program - Front of the Book and on CCRPC TIP			
Exit 16 Improvements - CIRC ALT PHASE I	Roadway/Traffic & Safety	CON SFY23/24/25	Short
Exit 17/US2/US7 Interchange Improvements	Roadway/Traffic & Safety	CON SFY24/25/26	Medium
Severance Corners Improvements - CIRC ALT PHASE II	Roadway/Traffic & Safety	CON SFY25/26/27	Short
W Lakeshore Drive / Prim Road Intersection Improvements - CIRC ALT PHASE III	Roadway/Traffic & Safety	CON SFY22/23/24	Short
Capital Program - Development & Evaluation and on CCRPC TIP			
Roundabout at Bayside Park Intersection	Roadway/Traffic & Safety	VPSP2 Asset Driven	Medium
VT2A Colchester Village and Mill Pond Road/East Road Intersection	Roadway/Traffic & Safety		Medium
Need Identified in a Scoping or Planning Study, Not in Capital Program or on TIP			
Heineberg-Blakely Bypass and Shared Use Path	Bike&Ped		Long
Mill Pond Road/Severance Road Intersection Improvements	Roadway/Traffic & Safety		Long
Severance Road Shared Use Path	Bike&Ped		Long
VT127 Roadway and Intersection Improvements	Roadway/Traffic & Safety		Long
VT15/Lime Kiln Road Intersection Improvements	Roadway/Traffic & Safety		Medium
West Lakeshore Drive Path Phase II - Harbor View Plaza to Public Boat Launch	Bike&Ped		Medium
West Lakeshore Pedestrian Tunnel at Bayside park	Bike&Ped		Long
Colchester/Essex/ Essex Junction			
Need Identified in a Scoping or Planning Study, Not in Capital Program or on TIP			
VT15 Multi-use Path - Phase 2, I-89 Exit 15 to Lime Kiln Road	Bike&Ped		Long
VT15 Multi-use Path - Phase 3, Susie Wilson Road to West Street Extension	Bike&Ped		Long
Colchester/Winooski			
Intelligent Transportation System Improvements - Signal and Communications - US7	Roadway/Traffic & Safety		Medium

Table 2
2018 MTP Project List - Updated 2022
Projects Not Constructed

Project	Category	Comments 2022	Time Frame - 2018 MTP
Essex			
Capital Program - Front of the Book and on CCRPC TIP			
VT15/Sand Hill Road Signal - CIRC ALT PHASE II	Roadway/Traffic & Safety	CON SFY24/25	Short
Susie Wilson Road Improvements and Intersections including VT15 and Kellogg - CIRC ALT PHASE III	Roadway/Traffic & Safety	CON SFY24/25	Short-Medium
VT117/North Williston Road Intersection Improvements - CIRC ALT PHASE III	Roadway/Traffic & Safety	CON SFY23/24	Medium
Capital Program - Candidate and on CCRPC TIP			
North Williston Road Flood Plain Elevation Improvements - CIRC ALT PHASE III	Roadway/Traffic & Safety		Medium
VT15 Sidewalk - Old Stage Road to Essex Way - CIRC ALT PHASE III	Bike&Ped		Medium
Need Identified in a Scoping or Planning Study, Not in Capital Program or on TIP			
Essex Center, VT15/VT289 Park & Ride	Park&Ride/ Intermodal		Long
Essex Junction			
Capital Program - Front of the Book and on CCRPC TIP			
Crescent Connector Road - VT2A to VT15 - CIRC ALT PHASE I	Roadway/Traffic & Safety	CON 22/23/24	Short
Need Identified in a Scoping or Planning Study, Not in Capital Program or on TIP			
VT15/West Street Extension Intersection - Additional NB lane on West Street Ext.	Roadway/Traffic & Safety		Long
Hinesburg			
Capital Program - Front of the Book and on CCRPC TIP			
Village South Sidewalk	Bike&Ped	CON SFY23	Short
VT116/Charlotte Road Improvements to facilitate Concurrent Signal Phasing	Bike&Ped	2022 TA Award (\$102,460)	Short
Need Identified in a Scoping or Planning Study, Not in Capital Program or on TIP			
Mechanicsville Road Sidewalk	Bike&Ped		Medium
Richmond Road Shared Use Path, CVU Road to North Street	Bike&Ped		Long
Route 116 East Sidewalk - Commerce Street to Mechanicsville Road	Bike&Ped		Medium
Hinesburg Village Park & Ride	Park&Ride/ Intermodal		Long
Huntington			
Need Identified in a Scoping or Planning Study, Not in Capital Program or on TIP			
Huntington Lower Village Traffic Calming and Bike/Ped Improvements	Bike&Ped		Medium
Jericho			
Capital Program - Front of the Book and on CCRPC TIP			
Lee River Road Sidewalk	Bike&Ped	CON SFY23/24	Short
Capital Program - Development & Evaluation and on CCRPC TIP			

Table 2
2018 MTP Project List - Updated 2022
Projects Not Constructed

Project	Category	Comments 2022	Time Frame - 2018 MTP
VT117/Skunk Hollow Road Improvements	Roadway/Traffic & Safety	VPSP2 Asset Driven Project	Medium
Need Identified in a Scoping or Planning Study, Not in Capital Program or on TIP			
Browns Trace Multimodal Connection - MMU to Lee River Road	Bike&Ped		Medium
VT15 Park and Ride	Park&Ride/ Intermodal		Medium
VT15/Dickinson Street Modifications	Roadway/Traffic & Safety		Medium
Milton			
Capital Program - Front of the Book and on CCRPC TIP			
US7/Middle Road/Railroad Street Safety Improvements	Roadway/Traffic & Safety	CON SFY23/24/25/26	Short
Capital Program - Development & Evaluation and on CCRPC TIP			
US7/Racine/Legion/Bartlett/West Milton Road Improvements	Roadway/Traffic & Safety	VPSP2 Regionally Driven	Medium
Need Identified in a Scoping or Planning Study, Not in Capital Program or on TIP			
Milton Town Office Park & Ride/Multimodal Center	Park&Ride/ Intermodal		Medium
I-89/West Milton Road New Interchange	Roadway/Traffic & Safety		Long
US7/Main Street Intersection Improvements	Roadway/Traffic & Safety		Long
Richmond			
Need Identified in a Scoping or Planning Study, Not in Capital Program or on TIP			
US2 Path - Park and Ride to Richmond Village	Bike&Ped		Long
Shelburne			
Capital Program - Front of the Book and on CCRPC TIP			
Irish Hill Road Pedestrian Bridge and Sidewalk	Bike&Ped	2018 Bike/Ped Award (\$579,200)	Medium
Capital Program - Development & Evaluation and on CCRPC TIP			
US7/Harbor Road Improvements	Roadway/Traffic & Safety	VPSP2 Asset Driven	Medium
Need Identified in a Scoping or Planning Study, Not in Capital Program or on TIP			
Bay Road Pedestrian Bike Safety Improvements	Bike&Ped		Medium
Shelburne Southern Gateway (South of Bostwick/Marsett)	Bike&Ped		Medium
Shelburne Village Park and Ride	Park&Ride/ Intermodal		Medium
South Burlington			
Capital Program - Front of the Book and on CCRPC TIP			
Bike/Ped Bridge over I-89 in the vicinity of Exit 14 (to be funded at 50% federal)	Bike&Ped	Project was awarded a RAISE Grant (\$9,768,834)	Medium
Dorset Street Shared Use Path, Nowland Farm Road South 3,500 feet	Bike&Ped	2019 Bike&Ped Award (\$661,000)	Short
Exit 14 Area Signal Upgrades	Roadway/Traffic & Safety	SAFETEA-LU Earmark (\$1,063,982)	Medium
Spear Street Bike/Ped Improvements - Swift Street to US Forest Service	Bike&Ped	2021 TA Award for US Forest to Swift (\$300,000)	Medium

Table 2
2018 MTP Project List - Updated 2022
Projects Not Constructed

Project	Category	Comments 2022	Time Frame - 2018 MTP
Capital Program - VPSP2 Selected Project -- not yet added to Capital Program			
Williston Road Intersection and Roadway Improvements - Dorset Street to Garden Street (\$10m funded at 50% federal)	Roadway/Traffic & Safety	VPSP2 Regionally Driven	Short
Williston Road Intersection and Roadway Improvements - Garden Street to VT116 (\$3.3m project to be funded with local funds)	Roadway/Traffic & Safety	VPSP2 Regionally Driven	Short
Need Identified in a Scoping or Planning Study, Not in Capital Program or on TIP			
Airport Drive Extension to Airport Parkway	Roadway/Traffic & Safety		Medium
Airport Parkway Shared Use Path, Kirby Road to Winooski River Bridge	Bike&Ped		Short
Allen Road Shared Use Path - US7 to Existing Facility	Bike&Ped		Short
I-89 Exit 14 Intercept Park & Ride Facility	Park&Ride/ Intermodal		Long
I-89 Interstate Access Improvements Between Exit 12 and Exit 15	Roadway/Traffic & Safety		Long
I-89 Widening, Exit 14 to Exit 15 (3 lanes in each direction)	Roadway/Traffic & Safety		Long
Lindenwood Drive Path and Crossing Improvements	Bike&Ped		Short
Shelburne Road Streetscape and Bike/Ped Improvements between IDX Drive and Queen City Park Road	Roadway/Traffic & Safety	Signal upgrades 2021	Medium
Spear Street Bike/Ped Improvements - Allen Road to Swift Street	Bike&Ped	2021 TA Award for US Forest to Swift (\$300,000)	Medium
Spear Street Shared Use Path, South of US2	Bike&Ped		Short
Swift Street/Spear Street Intersection Improvements	Roadway/Traffic & Safety		Medium
US7/I-189 Intercept Park & Ride	Park&Ride/ Intermodal		Long
VT116 Bike Path - US2 to Kennedy Drive	Bike&Ped		Long
South Burlington/Williston			
Need Identified in a Scoping or Planning Study, Not in Capital Program or on TIP			
Shared Use Path Connection over Muddy Brook	Bike&Ped	Community Drive to Muddy Brook finished	Short
St. George			
Capital Program - Development & Evaluation and on CCRPC TIP			
VT116/VT2A Intersection Improvements	Roadway/Traffic & Safety	VPSP2 Asset Driven	Long
Need Identified in a Scoping or Planning Study, Not in Capital Program or on TIP			
VT116/VT2A Intersection Park & Ride	Park&Ride/ Intermodal		Medium
Westford			
Need Identified in a Scoping or Planning Study, Not in Capital Program or on TIP			
Browns River Path Common to School	Bike&Ped		Short

Table 2
2018 MTP Project List - Updated 2022
Projects Not Constructed

Project	Category	Comments 2022	Time Frame - 2018 MTP
Williston			
Capital Program - Front of the Book and on CCRPC TIP			
Park and Ride South of I-89	Park&Ride/ Intermodal	CON SFY22/23	Short
US2/Industrial Avenue Intersection	Roadway/Traffic & Safety	CON SFY22/23/24	Short
US2/Trader Lane Signal - CIRC ALT PHASE II	Roadway/Traffic & Safety	CON SFY22/23	Short
VT2A/Industrial Avenue Improvements and Improvements to VT2A to James Brown Drive - CIRC ALT PHASE III	Roadway/Traffic & Safety	CON SFY24/25	Short
Exit 12 Stage 1 - Shared Use Path and VT2A lane from Marshall to VT2A - CIRC ALT PHASE III	Roadway/Traffic & Safety	CON SFY22/23	Medium
Capital Program - Development & Evaluation and on CCRPC TIP			
Exit 12 Stage 2 - New Grid Streets and VT2A Intersection	Roadway/Traffic & Safety		Medium
Exit 12 Stage 3 - Diverging Diamond Interchange	Roadway/Traffic & Safety	VPSP2 Regionally Driven	Medium
Exit 12 Stage 4 - VT2A Boulevard	Roadway/Traffic & Safety		Long
VT2A Infill Sidewalks	Bike&Ped	West side constructed. East side between Taft Corners and Wright Avenue not constructed	Short
Capital Program - Candidate			
Mountain View Road Multimodal Improvements: Old Stage Road to VT2A -- CIRC ALT PHASE III	Roadway/Traffic & Safety	CIRC Alt Phase III	Long
US2 - Taft Corners to Williston Village - Shared Use Path - CIRC ALT PHASE III	Bike&Ped	CIRC Alt Phase III	Medium
Need Identified in a Scoping or Planning Study, Not in Capital Program or on TIP			
Taft Corners Park & Ride	Park&Ride/ Intermodal		Long
North Williston Road Improvements	Roadway/Traffic & Safety		Long
US2/North Williston Road/Oak Hill Road Intersection	Roadway/Traffic & Safety		Long
Industrial Avenue Sidewalks	Bike&Ped		Long
Winooski			
Capital Program - Front of the Book and on CCRPC TIP			
Gateways Crosswalk Enhancements	Bike&Ped	2017 TA Award (\$289,000)	Short
Need Identified in a Scoping or Planning Study, Not in Capital Program or on TIP			
Riverwalk East	Bike&Ped		Long
Main Street (US7) Revitalization - Transportation, Utility, Stormwater	Roadway/Traffic & Safety		Short-Medium
Regional			
Aviation Projects ad Burlington International Airport	Aviation Projects		
Sidewalks/Path in Areas Planned for Growth	Bike&Ped		Ongoing

Table 2
2018 MTP Project List - Updated 2022
Projects Not Constructed

Project	Category	Comments 2022	Time Frame - 2018 MTP
Regional Stormwater Projects	Stormwater		Ongoing
Burlington-Montpelier Inter-Regional Bus Service	Transit		
Burlington-Waterbury Inter-Regional Bus Service	Transit		
Essex Evening	Transit		
Hinesburg Route	Transit		
Jeffersonville Commuter (CMAQ funding ending in FY18)	Transit		
Milton Route	Transit		
Milton/Colchester to Burlington (CMAQ funding ends in FY18)	Transit		
North Avenue Increased Peak Frequencies (CMAQ funding begins in FY20)	Transit		
US2 Corridor	Transit		
Williston Mid-Day (CMAQ funding ends in FY18)	Transit		
Transit Capital	Transit		
Bring all Tracks in Chittenden County to Class 4 standard	Rail		
Essex Junction to Burlington 286 Rail Upgrade	Rail		
Essex Junction Train Station Upgrades	Rail		
Freight Improvements to bridges, sidings, railyards, crossings and clearance	Rail		

**Table 3
CCRPC Planning Studies Completed Since 2018**

CCRPC Project Category	Project	Municipality	Year of Study
Transportation Plan/Study	I-89 Interchange Review - Bolton & Milton	Bolton & Milton	FY22
Bike/Ped	Bikeway Connectivity, Pedestrian Safety, Stormwater Management - Old North End	Burlington	FY20
Intersection, Bike/Ped	Colchester Avenue Bicycle Improvements (Colchester/East Ave Intersection on MTP list)	Burlington	FY20
Bike/Ped	Lake Street Stormwater and Pedestrian Feasibility Study	Burlington	FY20
Transportation Plan/Study	BED Property Transportation Plan	Burlington	FY21
Transportation Plan/Study	Burlington School District Travel Plan & Traffic Control Plan	Burlington	FY21
Park and Ride	Burlington South End Intercept Facility at TOD	Burlington	FY22
Transportation Plan/Study	East Charlotte Village Traffic Calming Study	Charlotte	FY22
Park and Ride	Exit 17 Park & Ride Supplemental Evaluation	Colchester	FY20
Bike/Ped	VT 15 Bike/ped improvements-Athens Dr-289	Essex	FY18
Bike/Ped	Tangelwood Drive Shared-Use Path and Stormwater Scoping	Essex	FY20
Transportation Plan/Study	VT15 Road System Study	Essex	FY22
Transportation Plan/Study	Design Five Corners Implementation Plan	Essex Junction	FY18
Parking	Essex Junction Parking Plan	Essex Junction	FY19
Intersection	Richmond Road Intersection Scoping	Hinesburg	FY20
Bike/Ped	Richmond Road Bike/Ped Study Update	Hinesburg	FY22
Bridge	Huntington Bridge Improvements and Maintenance Plan	Huntington	FY21
Transportation Plan/Study	Paving Analysis for Packard Road and Raceway Road	Jericho	FY20
WQ	Bolger Hill Road Supplemental Scoping	Jericho	FY21
Transportation Plan/Study	Congestion Policy Study	Regional	FY19
Tools/Outreach	VT Culverts Website Updates	Regional	FY19
Corridor	Bridge Street Complete Streets Corridor Study	Richmond	FY21
Bike/Ped	Richmond Bike/Ped Master Plan	Richmond	FY21
Bike/Ped	Richmond Village Sidewalk Scoping Study	Richmond	FY22
Bike/Ped	Shelburne Walk Bike Connectivity Study	Shelburne	FY22
Bike/Ped	SBMultisite recreation path scoping	South Burlington	FY18
Parking	City Center Parking and Movement Sstudy	South Burlington	FY19
Bike/Ped	Multi-Site Pedestian Crossing/Bike Access Study	South Burlington	FY19
Bike/Ped	Mary Street Pedestriain Facility Feasibility Study	South Burlington	FY22
Bike/Ped	South Burlington Bike/Ped Mapping Phase II	South Burlington	FY22
Transportation Plan/Study	River Road Pavement and Bicycle Reasiblity Study	Underhill	FY20
Traffic Calming	Blair Park Traffic Calming Study	Williston	FY18
Traffic Calming	Chamberlin Lane/Brennan Woods - Traffic Calming	Williston	FY18
Corridor	Maple Rd. Multi-modal scoping in Williston	Williston	FY18
FBC/Impact Fee	Williston Trans. Impact Fee Update	Williston	FY18
Parking	Williston Shared Use Parking	Williston	FY19
Bike/Ped	Marshall Avenue Shared Use Path Study	Williston	FY20
Intersection	Williston Traffic Signals Assessment Study	Williston	FY20
Parking	Downtown Parking Study	Winooski	FY18
FBC/Impact Fee	Transportation Impact Fee Study	Winooski	FY19
Parking	Winooski Parking Inventory, Analysis, and Management Plan	Winooski	FY21
Traffic Calming	City of Winooski Traffic Calming Policy Manual	Winooski	FY22
Bike/Ped	Active Transportation Plan Update		FY22
Transit	E&D, ADA & Medical Call Center Feasiblity Study		FY22
Park and Ride	Regional Park and Ride Plan Update		FY22



Chittenden County Transportation Advisory Committee

August 2, 2022

Agenda Item 6b: Discussion Item

Metropolitan Transportation Plan Vision, Goals and Objectives

Issues: The Metropolitan Transportation Plan (MTP) is the region's principal transportation planning document that sets regional transportation priorities. It consists of short- and long-range strategies to address transportation needs that lead to the development of an integrated, intermodal transportation system that facilitates the efficient movement of people and goods.

A key component of the MTP is the Vision, Goals and Objectives. The Vision Statement is how we see our future transportation system in Chittenden County, the goals are what needs to happen to help us achieve our vision, and the objectives identify specific actions to meet the goals. The draft Vision, Goals and Objectives are attached for TAC review and comment.

Staff Recommendation: Recommend that the TAC review the Vision and Goals and make recommendations for possible edits.

For more information contact: Eleni Churchill
echurchill@ccrpcvt.org

Attachments: Draft Vision and Goals

2023 Metropolitan Transportation Plan

Draft Transportation Vision, Goals, and Objectives

VISION:

A regional transportation system that is safe, efficient, and resilient; provides for interconnected and sustainable mobility choices in support of livable, equitable, and healthy communities; and supports the economy of the region.

GOALS & OBJECTIVES

Safety: Enhance safety for all users of the transportation system and reduce the number of fatalities and serious injuries.

- Address high crash locations in the county
- Use a Safe System Approach to planning

Livable and Healthy Communities: Promote compact growth and invest in a multimodal transportation system that supports livable, equitable, vibrant, and healthy communities.

- Encourage smart growth with 90% of new housing built in areas planned for growth
- Improve transit services in the county and encourage housing growth along transit trunk routes and commuter stops.
- Improve public health by providing for a safe, interconnected, and efficient walking & biking network as well as viable transit options

Mobility & Efficiency: Improve the efficiency, reliability, and connectivity of the transportation system for users of all ages and abilities regardless of their mode of transportation.

- Create a safe and efficient multimodal network that supports mode shift from single occupancy vehicle travel to other modes
- Expand walking and biking infrastructure and provide interconnection with the region's transit system
- Improve transit services in the county and beyond
- Support Transportation Demand Management (TDM) programs and partners
- Improve operational efficiency, manage recurring congestion, and maintain reliable travel times for people and goods on our transportation system

Equity: Incorporate equity in all aspects of transportation planning and programming in the county.

- Prioritize transportation investments and land use policy changes that benefit rather than burden Title VI and Environmental Justice (EJ) communities
- Engage people from historically excluded and traditionally underserved populations in meaningful conversations and facilitate their participation in transportation planning processes

Environment and Resilience: Establish a resilient transportation system that minimizes climate impacts resulting from the transportation sector.

- Reduce greenhouse gas emissions associated with fossil fuels used in transportation by promoting a shift away from gas/diesel to electric vehicles or other fuel options
- Minimize the effects of transportation on water quality
- Improve the ability of our transportation network to withstand and recover from extreme weather events

Economy: Improve the transportation network to promote economic vitality in the region.

- Invest in the transportation system to support anticipated economic growth in the county
- Accommodate freight and goods movement in identified freight hubs and intermodal facilities

Existing Transportation System: Preserve the condition and performance of the existing multimodal transportation network.

- Maintain the transportation system in a state of good repair