



CHITTENDEN COUNTY RPC
Communities Planning Together

Transportation Improvement Program for Fiscal Years 2020-2023

REVISED TAC Review Draft

June 4, 2019

Chittenden County Regional Planning Commission
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TABLE OF CONTENTS

Section 1:

| | |
|----------------------------|------|
| A. Introduction | p. 1 |
| B. Financial Plan | p. 2 |
| C. Performance Management | p. 2 |
| D. TIP Adoption Resolution | p. 5 |
| E. Glossary | p. 6 |
| F. TIP Map | p. 9 |

Section 2:

| | |
|---|------|
| FY2020-2023 TIP: Projects by Municipality | p. 1 |
|---|------|

Section 3:

| | |
|--|------|
| Summary of Funding Amounts | |
| 1. FY2020-2023 TIP Funding: By Project Use Category | p. 1 |
| 2. FY2020-2023 TIP Funding: By Federal Funding Source and Fiscal Constraint Status | p. 2 |
| 3. CCRPC FY2020-2023 TIP: Funding by Project Use Category | p. 3 |
| 4. CCRPC FY2020-2023 TIP: Funding Uses by Year | p. 4 |
| 5. Federal Funds Actually Obligated in In Chittenden County: FY2009-2018 | p. 5 |

A. Introduction

The Chittenden County Transportation Improvement Program (TIP) for fiscal years 2020 through 2023 is a prioritized, fiscally-constrained, and multi-year list of federally-funded, multimodal transportation projects and operations in the Chittenden County Regional Planning Commission (CCRPC) region - Chittenden County. As a federally designated Metropolitan Planning Organization (MPO), CCRPC must prepare a TIP which must cover at least a 4-year program of projects and be updated no less frequently than every 4 years. In addition, projects in the TIP must be prioritized at the regional level and have clearly identified funding sources. All transportation projects, programs, and operations receiving federal funds in Chittenden County must be authorized through the CCRPC TIP process. The exceptions are federal airport funds for Burlington International Airport, which are not subject to the CCRPC's prioritization process, but are listed in the TIP for information and coordination purposes.

- ▶ The TIP authorizes the implementing agency (e.g., Vermont Agency of Transportation (Trans), Green Mountain Transit (GMT)) to obligate federal funds for listed projects and operations over the next four federal fiscal years (October 1, 2019 through September 30, 2023).
- ▶ The first year of a duly-adopted and approved TIP constitutes an "agreed to" list of projects for project selection purposes, provided that anticipated federal funds available to the region are available during that year.
- ▶ The U.S. Department of Transportation (DOT) must find that the TIP is based on a continuing, comprehensive transportation planning process carried out cooperatively by the State, the CCRPC, and transit operators.

B. Financial Plan

▸ Federal Funding

The majority of TIP projects are funded with 80 percent federal funds. However, in some cases federal amounts may vary such as with interstate projects, which can be funded with 90 percent federal funds, and some transit projects, which may be funded with 50 percent federal funds. There is a column on the right side of the TIP document that indicates the percentage shares of federal, state and local funding.

▸ State Funding

The State of Vermont maintains a State Transportation Fund to pay for transportation programs and projects. State matching funds for TIP projects would most likely come from this fund. The fund is primarily supported by revenue collected from the motor fuel tax on gasoline and diesel and purchase and registration fees for motor vehicles.

State transportation resources are allocated through the state legislature's annual capital and budgetary process and are identified in the Transportation Capital Program. State transportation funding allocated to projects and programs in Chittenden County is determined through this process, in consultation with the CCRPC.

▸ Local Funding

Sources of local matching funds come primarily from the property tax and are approved by each municipality in their annual budgeting process.

▸ Operation and Maintenance

Operations and maintenance of the Federal Aid Highway System in Chittenden County is conducted by VTrans and funding amounts are identified in the State Transportation Improvement Program (STIP).

GMT has an estimated Operations and Maintenance budget for transit services in FY20 of \$14,318,404. Revenue sources for transit operations and maintenance are as follows:

| | |
|---------------------|-----------------|
| Passenger revenue | \$2,497,500 |
| Purchase of service | \$43,844 |
| Local funding | \$3,336,480 |
| State funding | \$2,263,536 |
| Federal grants | \$6,151,844 |
| <u>Misc revenue</u> | <u>\$25,200</u> |
| Total Revenue | \$14,318,404 |

C. Performance Management

▸ Transportation Performance Measures Overview

The Moving Ahead for Progress in the 21st Century (MAP-21) Act of 2012 directed the U.S. Department of Transportation to establish a set of Performance Measures to increase the accountability and transparency of the federal highway and transit programs and improve project decision-making through performance-based planning and programming. The Fixing America's Surface Transportation Act (FAST Act) of 2015 continued the performance management and performance-based planning and programming requirements of MAP-21 with minor changes.

MAP-21 and FAST ACT require incorporation of performance-based planning and programming in the development of MPO long-range transportation plans and TIPs. The federal regulations also require the TIP to include, to the maximum extent practicable, a description of the anticipated effect of the TIP toward achieving the established performance measures targets.

CCRPC recognizes the importance of linking investment priorities to stated performance objectives, and that establishing this link is critical to the achievement of national transportation goals and statewide and regional performance targets. CCRPC works with the VTrans and GMT – transit provider in the MPO area – to carry out performance-based planning as outlined in federal rules. This planning process reflects the goals and objectives of regional and state plans including the *CCRPC ECOS Regional Plan*, which incorporates the *Metropolitan Transportation Plan*, the *2040 Vermont Long-Range Transportation Plan*, the *Vermont Strategic Highway Safety Plan*, the *VTrans Transportation Asset Management Plan*, and the *GMT Transit Asset Management Program (TAMP)*.

VTrans, CCRPC and other stakeholders collaborated to develop statewide Performance targets for the Safety, Pavement Condition, Bridge Condition, Travel Time Reliability and Freight Movement Performance Measures. The CCRPC voted to accept the state Performance targets and support them through programming of the TIP. GMT, in collaboration with CCRPC and VTrans, developed Transit performance targets for transit asset conditions and state of good repair. GMT's program for satisfying their performance targets are detailed in the most recent *TAMP*, approved November 2018. The *TAMP* uses the condition of assets to guide the optimal prioritization of funding to keep the transit system in a state of good repair.

TIP projects are anticipated to contribute positively to the overall MPO and statewide safety, asset management, and transit performance targets as discussed below.

Transportation Performance Measures

Safety – The safety performance goal seeks to achieve a significant reduction in traffic fatalities and serious injuries on public roads. The FY2020-2023 TIP includes over \$49 million for improvements at 13 High Crash Locations in the county. The TIP also includes over \$5.4 million for separated paths and sidewalk projects that will improve safety for pedestrian and bicyclists. The safety performance measures are listed below.

- Number of Fatalities
- Rate of Fatalities
- Number of Serious Injuries
- Rate of Serious Injuries
- Number of Non-Motorized Fatalities and Serious Injuries

Infrastructure Condition – The infrastructure condition performance goal seeks to maintain the highway infrastructure system in a state of good repair. The FY2020-2023 TIP includes over \$24 million for paving projects and \$18 million for bridge preservation projects. The infrastructure condition performance measures are listed below.

- **Pavement Condition**
 - Percentage of pavements on the Interstate in good condition

- Percentage of pavements on the Interstate in poor condition
- Percentage of pavements on the non-Interstate National Highway System (NHS) in good condition
- Percentage of pavements on the non-Interstate National Highway System (NHS) in poor condition
- **Bridge Condition**
 - Percentage of NHS bridges in good condition
 - Percentage of NHS bridges in poor condition
- Percent of revenue vehicles that have met or exceeded their useful life
- Percentage of non-revenue vehicles and equipment that have met or exceeded their useful life

Congestion -- *Not required because Vermont does not exceed national air quality standards*

National Highway System Reliability – The system reliability goal seeks to improve the efficiency of the surface transportation system. The FY2020-2023 TIP includes projects in the categories of intelligent transportation systems and traffic operations that improve the operations of existing infrastructure. It also includes improvements at four interstate interchanges, Exit 12, Exit 14, Exit 16 and Exit 17, to improve access in the vicinity of I-89.

- Interstate travel time reliability
- Non-Interstate NHS travel time reliability
- Freight reliability measure (truck travel time)

Transit Asset Management – The transit asset management goal seeks to maintain transit assets in a state of good repair. The FY2020-2023 TIP includes \$52.7 million for transit projects including bus and van replacements, bus facility upgrades and transit services. The transit performance measures are listed below.

CHITTENDEN COUNTY REGIONAL PLANNING COMMISSION
A Resolution to Adopt the FY2020-2023
TRANSPORTATION IMPROVEMENT PROGRAM

WHEREAS, the Chittenden County Regional Planning Commission, as the designated Metropolitan Planning Organization for Chittenden County, Vermont, is responsible for the operation and maintenance of a continuing transportation planning process designed to prepare and adopt transportation plans and programs; and

WHEREAS, a fiscally constrained Transportation Improvement Program containing transportation improvements expected to be carried out in the period October 1, 2019 through September 30, 2023 has been prepared through the planning process; and

WHEREAS, the Chittenden County Regional Planning Commission's Transportation Advisory Committee found the projects contained in the proposed TIP to be in conformance with the duly adopted Metropolitan Transportation Plan and has recommended the fiscally constrained 2020-2023 Transportation Improvement Program to the Chittenden County Regional Planning Commission for adoption; and

WHEREAS, the Chittenden County Regional Planning Commission sent copies of the proposed TIP to the eighteen member municipalities for the review and comment period on June ??, 2019; and

WHEREAS, the Chittenden County Metropolitan Planning Organization held a public hearing in the CCRPC offices in Winooski on Wednesday, July 17, 2019 to review the proposed Transportation Improvement Program after publishing a legal notice in the *Burlington Free Press*;

NOW, THEREFORE, BE IT RESOLVED that the Chittenden County Regional Planning Commission, as the Metropolitan Planning Organization, hereby adopts the fiscally constrained 2020-2023 Transportation Improvement Program attached hereto and made a part hereof.

RESOLVED, PASSED AND ADOPTED THIS 17th DAY OF JULY 2019.

CHITTENDEN COUNTY REGIONAL PLANNING COMMISSION

By _____
Christopher D. Roy, CCRPC CHAIR

GLOSSARY

| | | | |
|---------------------------------|---|-------------------------|---|
| ADA | Americans with Disabilities Act of 1990. Federal legislation prohibiting discrimination on the basis of disability. | FAA | Federal Aviation Administration. The USDOT agency responsible for aviation related programs. |
| Adaptive Signal Control | Adaptive signal control technology adjusts the timing of red, yellow and green lights to accommodate changing traffic patterns and ease traffic congestion. | FAST Act | The Fixing America’s Surface Transportation (FAST) Act is five-year legislation to improve the Nation’s surface transportation infrastructure, including our roads, bridges, transit systems, and rail transportation network. The act was passed in 2015. |
| AIP | Airport Improvement Program. FAA program that assists the development of public-use airports by providing funding for airport planning and development projects. | FHWA | Federal Highway Administration. The USDOT agency responsible for roadway related programs. |
| BTV | Burlington International Airport | FRA | Federal Railroad Administration. The USDOT agency responsible for railroad programs. |
| CCRPC | Chittenden County Regional Planning Commission. The county’s comprehensive planning organization. Established under state law. CCRPC also acts as the Metropolitan Planning Organization for Chittenden County. The MPO is established under federal law and responsible for transportation planning and programming within its jurisdiction. | FTA | Federal Transit Administration. The USDOT agency responsible for public transportation programs. |
| CIRC Alternative Project | A program of projects to implement the purpose and need that the CIRC highway was originally intended to address. In 2011 the Governor announcement that the Chittenden County Circumferential Highway – as originally conceived - would not be built. | FTA Section 5307 | The Urbanized Area Formula Funding program makes federal resources available to urbanized areas and to governors for transit capital and operating assistance in urbanized areas and for transportation-related planning. An urbanized area is an incorporated area with a population of 50,000 or more. |
| CMAQ | Congestion Mitigation and Air Quality Improvement Program. Federal funding program designed to address congestion and air quality issues through capital and operating projects. | FTA Section 5309 | FTA program that provides funding to states and transit agencies through a statutory formula to replace, rehabilitate and purchase buses and related equipment and to construct bus-related facilities. In addition to the formula allocation, the program includes two discretionary grant components: the Bus and Bus Facilities Discretionary Program and the Low or No Emissions Bus Discretionary Program. |
| CCTA | Chittenden County Transportation Authority. The former name of region’s public transportation provider. In 2016 CCTA merged with Green Mountain Transit Authority and changed their name to Green Mountain Transit (GMT) | FTA Section 5310 | FTA program that provides formula funding to assist private nonprofit groups meet the transportation needs of older adults and people with disabilities. Funds are apportioned based on each state’s share of the population for these two groups. |
| CON | Construction. Project development phase in which the project is implemented. | FTA Section 5311 | FTA program that provides capital, planning, and operating assistance to states to support public transportation in rural areas with populations less than 50,000. |
| DDI | Diverging diamond interchange. DDI is a new type of diamond interchange that increases capacity and reduces congestion. | | |

GLOSSARY

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| FTA Section 5312 | FTA program that provides funding to develop innovative products and services assisting transit agencies in better meeting the needs of their customers. | MPO | Metropolitan Planning Organization. Federally established organization responsible for a cooperative, continuous, and comprehensive framework to make transportation investment decisions within their designated area. CCRPC is the designated MPO for Chittenden County. |
| FTA Section 5339 | FTA funding program that provides capital funding to replace, rehabilitate and purchase buses and related equipment and to construct bus related facilities. | NHPP | National Highway Preservation Program. The NHPP provides support for the condition and performance of the National Highway System (NHS), for the construction of new facilities on the NHS, and to ensure that investments of Federal-aid funds in highway construction are directed to support progress toward the achievement of performance targets established in a State's asset management plan for the NHS. |
| GMT | Green Mountain Transit. The region's public transportation provider. | NHS | National Highway System. The NHS includes the Interstate Highway System as well as other roads important to the nation's economy, defense, and mobility. The NHS was developed by the Department of Transportation in cooperation with the states, local officials, and metropolitan planning organizations. |
| HSIP | Highway Safety Improvement Program (HSIP). A data-driven, strategic approach to improving highway safety on all public roads that focuses on performance. | Para-transit | A demand-response transportation system catering to special needs populations such as the elderly and disabled. |
| ISTEA | Intermodal Surface Transportation Efficiency Act of 1991. Federal legislation emphasizing innovation, intermodalism, and flexibility. The Act authorized \$151 billion over 6 years. | PE | Preliminary Engineering. Project development phase in which project design is determined. |
| ITS | Intelligent Transportation Systems. The application of technology to improve transportation system efficiency. | Round-about | Non-signalized circular intersection with specific design and traffic control features to ensure low travel speeds and efficient traffic movement. |
| LTAP | Local Technical Assistance Program. A national non-profit effort financed jointly by the Federal Highway Administration and individual State Departments of Transportation. Its purpose is to provide road and bridge know-how to municipal people involved with highways. There are LTAP Centers in 50 states and Puerto Rico and seven Native American locations. Vermont's program is called Vermont Local Roads. | ROW | Right-of-Way. A phase in the project development process that determines if land rights are needed for construction of a transportation project and negotiates the appropriate compensation. |
| MAB | Municipal Assistance Bureau. VTrans program established to assist local governments with project implementation. | SAFETEA-LU | Safe, Accountable, Flexible, Efficient Transportation Equity Act: A Legacy for Users (SAFTEA-LU). This act was passed in August 2005 as the successor to the Transportation Efficiency Act for the 21st Century (TEA-21). The Act added new safety programs, with an emphasis on transportation security. |
| MAP-21 | The Moving Ahead for Progress in the 21st Century Act (MAP-21) was a funding and authorization bill to govern United States federal surface transportation spending. It was passed by Congress on June 29, 2012. | | |

GLOSSARY

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|------------------------|---|-------------------------|---|
| Safety Program | Under Sections 154 and 164 of the US Code penalty funds for Open Container and Repeat Offender Laws may be used for Highways Safety Improvement Program (HSIP) eligible activities. | TDM | relationships between transportation, community and system preservation. Transportation Demand Management. The general term for strategies that result in more efficient use of transportation resources. |
| Scoping | A phase in the project development process that moves a recognized problem from an idea through the development of alternatives and environmental screening. | TEA 21 | Transportation Equity Act for the 21st Century (TEA-21) replaced ISTEA to guide federal expenditures for surface transportation in 1999. The Act authorized new flexible programs and increased authorized funding to \$198 billion over 6 years. |
| Shared Use Path | A path separated from vehicle traffic by barrier or open space usually on its own right-of-way. | TIP | Transportation Improvement Program. The four year list of fiscally constrained transportation projects planned for implementation in the region. |
| SSTA | Special Services Transportation Agency. Chittenden County based non-profit paratransit provider. | TOD | Transit Oriented Design. High density and mixed use land development around transit system stops. |
| STIP | Statewide Transportation Improvement Program. The State's four year list of fiscally constrained transportation projects planned for implementation statewide. | Traffic Calming | A combination of measures to reduce the negative effects of vehicle use or to alter driver behaviors. |
| STP | Surface Transportation Program. Federal program providing flexible funding for projects on any Federal-aid highway, including the NHS, bridge projects on any public road, transit capital projects, and bus facilities. | TSM | Transportation Systems Management. Relatively low-cost improvements to improve transportation efficiency such as ITS applications or roundabouts. |
| TAP | The Transportation Alternatives Program (TAP) provides funding for transportation alternatives, including pedestrian and bicycle facilities, improving non-driver access to public transportation, safe routes to school projects, and recreational trails. | USDOT | United States Department of Transportation |
| TCSP | Transportation, Community and System Preservation Program. Federal program that provides funding for planning grants, implementation grants, and research to investigate and address the | VTrans (or VAOT) | Vermont Agency of Transportation |

CCRPC TIP Map

To be Inserted

Section 2: FY2020–2023 TIP: Projects by Municipality

2020-2023 CCRPC Transportation Improvement Program

TAC Review Draft - June 4, 2019

| CCRPC # Project Location | FY20-23 Federal Funds | | | | Other Project Information | | | | | |
|--|-----------------------|---------------------|--------------------|---------------|---|--------------------------------------|----------------------------|--|--|---|
| | FY20 Phase | FY21 Phase | FY22 Phase | FY23 Phase | Total Cost fed+state+local in 2019 Dollars | Fed. Funds Obligated Thru FY18 | FY19 Fed Funds Phase | Project Use Category | Federal Funding Source | Remarks |
| Burlington | | | | | | | | | | |
| RR007 Burlington Train Station Platform VTrans Number: PLAT(3) | \$880,000 CON | | | | Total: \$1,803,814 PE: \$178,814 ROW: CON: \$1,625,000 | | \$96,600 PE | Rail | TIGER VII 54 % Federal 46 % State 0 % Local | Modify Burlington train station platform to accommodate AMTRAK service. VTrans PM: Libby, Paul |
| BP078 Champlain Elementary Pedestrian Crossing Improvements Birchcliff and Locust VTrans Number: STP BP13(6) | | | | | Total: \$504,000 PE: \$104,000 ROW: \$5,000 CON: \$395,000 | \$84,323 | \$330,000 CON | Bike/ Pedestrian | STP 80 % Federal 10 % State 10 % Local | 2013 Bike/Ped award (\$394,860) for construction of 365 feet of sidewalk and improved crossings on Birchcliff Parkway and Locust Street. VTrans PM: Robertson, Scott |
| HC001A Champlain Parkway - US7 to Main Street US7 to Main Street VTrans Number: MEGC-M 5000(1) | \$13,222,501 CON | \$10,386,361 CON | \$4,885,102 CON | | Total: PE: ROW: CON: \$29,483,558 | | \$10,274,185 PE/CON | New Facility/ Major Roadway Upgrade | STP 95 % Federal 3 % State 2 % Local | PE and ROW included under HC001E. VTrans PM: Bohl, Tina |
| HP140 Class 1 Paving US2, US7, and US7 Alt VTrans Number: NH PC22(1) | \$200,000 PE | | \$6,400,000 CON | New | Total: \$8,250,000 PE: \$250,000 ROW: CON: \$8,000,000 | | | Paving | NHPP 80 % Federal 20 % State 0 % Local | VTrans PM: Bogaczyk, Matthew |

| CCRPC # Project Location | FY20-23 Federal Funds | | | | Other Project Information | | | | | |
|--|-----------------------|---------------|---------------|--|---|--------------------------------------|----------------------------|--|---|--|
| | FY20 Phase | FY21 Phase | FY22 Phase | FY23 Phase | Total Cost fed+state+local in 2019 Dollars | Fed. Funds Obligated Thru FY18 | FY19 Fed Funds Phase | Project Use Category | Federal Funding Source | Remarks |
| BP092A Colchester Avenue Sidepath - Phase I East Avenue to Mansfield Avenue VTrans Number: STP SDWK(19) | \$121,150 CON | | | | Total: \$275,437 PE: \$77,000 ROW: \$5,000 CON: \$193,437 | \$87,200 | \$168,350 PE/ROW/CON | Bike/ Pedestrian | STP 80 % Federal 0 % State 20 % Local | 2014 Sidewalk grant (100,000), 2015 Sidewalk grant (\$108,350), to construct 1,625 feet of 10-ft wide path. VTrans PM: Kaplan, Jon |
| BP092B Colchester Avenue Sidepath - Phase II Mansfield Avenue to South Prospect Street VTrans Number: STP BP15(7) | \$77,840 CON | | | | Total: \$96,000 PE: ROW: CON: \$96,000 | | \$77,840 CON | Bike/ Pedestrian | STP 80 % Federal 10 % State 10 % Local | 2015 Bike/Ped grant (\$77,840) for 385 feet of shared use path. Design completed with project BP092A. VTrans PM: Kaplan, Jon |
| BP090 North Avenue Crosswalks VTrans Number: TAP TA15(1) | | | | Funds to be obligated in FY19 | Total: \$318,788 PE: \$56,000 ROW: \$10,000 CON: \$252,788 | \$234,759 | \$180,316 CON | Bike/ Pedestrian | STP 80 % Federal 0 % State 20 % Local | 2015 Transportation Alternatives award (\$220,316) to construct 5 pedestrian crossings of North Avenue. VTrans PM: Robertson, Scott |
| RR006 Rail Crossing Safety Improvements - College Street VTrans Number: STP 2035(15) | \$1,017,000 CON | | | | Total: \$1,250,484 PE: \$120,484 ROW: CON: \$1,130,000 | \$44,000 | \$1,035,000 CON | Safety/Traffic Operations/ ITS | Section 130 Rail Grade Crossing 90 % Federal 10 % State 0 % Local | VTrans PM: Libby, Paul |
| HC015 Railyard Enterprise Project Waterfront South Area VTrans Number: BREP(2) | | | | Funding schedule to be determined | Total: \$11,500,000 PE: \$1,200,000 ROW: \$300,000 CON: \$10,000,000 | \$540,000 | | New Facility/ Major Roadway Upgrade | STP 80 % Federal 0 % State 20 % Local | Multimodal transportation infrastructure improvements between the Pine Street corridor and the Burlington Waterfront South area. VTrans PM: Perrigo, Joel |

| CCRPC # Project Location | FY20-23 Federal Funds | | | | Other Project Information | | | | | |
|---|-----------------------|--------------------|--------------------|--------------------|---|--------------------------------------|----------------------------|------------------------------------|---|---|
| | FY20 Phase | FY21 Phase | FY22 Phase | FY23 Phase | Total Cost fed+state+local in 2019 Dollars | Fed. Funds Obligated Thru FY18 | FY19 Fed Funds Phase | Project Use Category | Federal Funding Source | Remarks |
| HP085 Shelburne Street Roundabout Shelburne St/South Willard St/St. Paul St VTrans Number: HES 5000(18) | | \$1,000,000 CON | \$4,500,000 CON | \$1,655,000 CON | Total: \$8,175,000 PE: \$910,000 ROW: \$110,000 CON: \$7,155,000 | \$730,000 | \$240,000 PE/ROW | Safety/ Traffic Operations/ ITS | Safety 100 % Federal 0 % State 0 % Local | Construction of a roundabout, drainage and associated work. VTrans PM: LaCroix, Mike |
| OT035 Stormwater Management Improvements on Main Street VTrans Number: STP MM18(8) | \$450,597 CON | | | | Total: \$593,750 PE: ROW: CON: \$593,750 | \$24,043 | | Stormwater/ Environmental | STP 80 % Federal 0 % State 20 % Local | Municipal Highway and Stormwater Mitigation Program award (\$475,000) VTrans PM: Robertson, Scott |
| HP141 US7 Concrete Pavement Repair MM 0.093 to MM 0.22 VTrans Number: NH PC21(1) | \$200,000 PE | \$800,000 CON | | | Total: \$1,250,000 PE: \$250,000 ROW: CON: \$1,000,000 | | | Paving | NHPP 80 % Federal 0 % State 20 % Local | VTrans PM: Bogaczyk, Matthew |
| Burlington Int. Airport | | | | | | | | | | |
| AV002 Airfield Projects Burlington International Airport VTrans Number: | \$4,777,778 | \$3,000,000 | \$3,911,111 | \$4,702,000 | Total: PE: ROW: CON: | | \$11,500,000 | Aviation | AIP 90 % Federal 6 % State 4 % Local | Rehabilitate customs/cargo apron; new glycol treatment system; mill and overlay runway asphalt; taxiway B extension. BTV project - for information only. VTrans PM: Air |

| CCRPC # Project Location | FY20-23 Federal Funds | | | | Other Project Information | | | | | |
|--|-----------------------|---------------|---------------|---------------|--|--------------------------------------|----------------------------|-------------------------|---------------------------|---|
| | FY20 Phase | FY21 Phase | FY22 Phase | FY23 Phase | Total Cost fed+state+local in 2019 Dollars | Fed. Funds Obligated Thru FY18 | FY19 Fed Funds Phase | Project Use Category | Federal Funding Source | Remarks |
| AV025 Development Property Acquisiton | \$400,000 | | | | Total: | | | Aviation | AIP | BTV project -- for information only. <u>VTrans PM:</u> |
| Burlington International Airport | | | | PE: | | | | | | |
| VTrans Number: | | | | ROW: | | | | 90 % Federal | | |
| | | | | CON: | | | | 6 % State | | |
| | | | | | | | | | 4 % Local | |
| AV005 Noise Mitigation Implementation | \$2,000,000 | \$2,000,000 | \$2,200,000 | \$2,000,000 | Total: | | \$1,870,000 | Aviation | AIP | Noise mitigation. BTV project - for information only. <u>VTrans PM:</u> |
| Burlington International Airport | | | | PE: | | | | | | |
| VTrans Number: | | | | ROW: | | | | 90 % Federal | | |
| | | | | CON: | | | | 6 % State | | |
| | | | | | | | | | 4 % Local | |
| AV022 Planning and Environmental Studies | \$500,000 | | | | Total: | | | Aviation | AIP | Aiport Master Plan. BTV project - for information only. <u>VTrans PM:</u> |
| Burlington International Airport | | | | PE: | | | | | | |
| VTrans Number: | | | | ROW: | | | | 90 % Federal | | |
| | | | | CON: | | | | 6 % State | | |
| | | | | | | | | | 4 % Local | |
| AV018 Security Projects | \$1,500,000 | | | | Total: | | | Aviation | AIP | Upgrade security system, national security random check requirements. BTV project - for information only. <u>VTrans PM:</u> |
| Burlington International Airport | | | | PE: | | | | | | |
| VTrans Number: | | | | ROW: | | | | 90 % Federal | | |
| | | | | CON: | | | | 6 % State | | |
| | | | | | | | | | 4 % Local | |
| AV003 Terminal Apron Projects | \$4,000,000 | \$4,000,000 | | | Total: | | | Aviation | AIP | Terminal apron upgrades. BIA project - for information only. <u>VTrans PM:</u> |
| Burlington International Airport | | | | PE: | | | | | | |
| VTrans Number: | | | | ROW: | | | | 90 % Federal | | |
| | | | | CON: | | | | 6 % State | | |
| | | | | | | | | | 4 % Local | |

| CCRPC # Project Location | FY20-23 Federal Funds | | | | Other Project Information | | | | | |
|--|-----------------------|---------------|---------------|---------------|---|--------------------------------------|----------------------------|------------------------------------|---|--|
| | FY20 Phase | FY21 Phase | FY22 Phase | FY23 Phase | Total Cost fed+state+local in 2019 Dollars | Fed. Funds Obligated Thru FY18 | FY19 Fed Funds Phase | Project Use Category | Federal Funding Source | Remarks |
| AV020 Terminal Building Expansion Burlington International Airport VTrans Number: | | | | | Total: PE: ROW: CON: | | | Aviation | AIP % Federal % State % Local | BTV to submit a grant application in FY21 for \$25 million to FAA. BTV project - for information only. VTrans PM: Air |
| Charlotte | | | | | | | | | | |
| RR008 Charlotte Rail Bridge over Thorp Brook VTrans Number: VTRY(15) | | | | | Total: \$575,000 PE: \$125,000 ROW: CON: \$450,000 | | | Rail | State 0 % Federal 100 % State 0 % Local | Rehab bridge 252.7 over Thorp Brook. State funds only. Construction in 2021. VTrans PM: Martineau, Joshua |
| RR009 Rail Crossing Improvements at Thompson Point Road VTrans Number: STP 2035(23) | \$135,000 CON | | | | Total: \$200,000 PE: \$50,000 ROW: CON: \$150,000 | | \$112,500 PE/CON | Safety/Traffic Operations/ ITS | Section 130 Rail Grade Crossing 90 % Federal 10 % State 0 % Local | VTrans PM: Gardner, Cos |
| HP019A US7 Reconstruction Ferrisburg line north 2.9 miles VTrans Number: FEFG 019-4(20) | | | | | Total: \$19,617,810 PE: \$2,331,705 ROW: \$925,000 CON: \$16,360,922 | \$18,919,112 | | Roadway Corridor Improvement | NHPP 95 % Federal 5 % State 0 % Local | Balance of project cost to be funded with SAFETEA-LU earmark (project HP019B). VTrans PM: Upmal, Ken |
| HP131 US7/Ferry Road Traffic Signal Upgrade VTrans Number: NHG SGNL(49) | | | | | Total: \$428,619 PE: \$70,000 ROW: CON: \$358,619 | \$30,000 CON | \$475,000 CON | Roadway Corridor Improvement | STP 100 % Federal 0 % State 0 % Local | Traffic signal system upgrade to include new mast arms, TS 2 cabinet with controller, stop bar detection and retroreflective back plates. VTrans PM: Sisson, Taylor |

| CCRPC # Project Location | FY20-23 Federal Funds | | | | Other Project Information | | | | | |
|---|-----------------------|--------------------------|--------------------|---------------|--|--------------------------------------|----------------------------|------------------------------------|---------------------------|---|
| | FY20 Phase | FY21 Phase | FY22 Phase | FY23 Phase | Total Cost fed+state+local in 2019 Dollars | Fed. Funds Obligated Thru FY18 | FY19 Fed Funds Phase | Project Use Category | Federal Funding Source | Remarks |
| Colchester | | | | | | | | | | |
| HP139 Bayside Intersection Roundabout and Stormwater Improvements | | | | | Total: | | | Safety/ Traffic Operations/ ITS | | Single lane roundabout and drainage improvements. Illustrative project pending availability of federal funds. |
| VTrans Number: | | Illustrative | | | PE: | | | | % Federal | |
| | | | | | ROW: | | | | % State | |
| | | | | | CON: \$3,310,000 | | | | % Local | VTrans PM: |
| HP119 Blakely Road/Laker Lane Intersection Improvements | \$400,000 CON | | | | Total: \$685,000 | \$121,620 | \$525,000 CON | Safety/ Traffic Operations/ ITS | STP | CIRC Alt Phase III project. |
| VTrans Number: STP 5600(21) | | CIRC Alternative Project | | | PE: \$160,000 | | | | 80 % Federal | |
| | | | | | ROW: \$25,000 | | | | 0 % State | |
| | | | | | CON: \$484,000 | | | | 20 % Local | VTrans PM: Perrigo, Joel |
| HP102 Exit 16 Improvements | \$500,000 CON | \$4,700,000 CON | \$2,850,000 CON | | Total: \$10,500,000 | \$1,250,000 | \$250,000 ROW | Roadway Corridor Improvement | Safety | CIRC Alt Phase I project. Construction of a diverging diamond and improvements at Mountain View Dr., Hercules Dr. and Rathe Rd. PE included \$200,000 in Section 164 funds. |
| VTrans Number: HES NH 5600(14) | | CIRC Alternative Project | | | PE: \$2,100,000 | | | | 100 % Federal | |
| | | | | | ROW: \$350,000 | | | | 0 % State | |
| | | | | | CON: \$8,050,000 | | | | 0 % Local | VTrans PM: LaCroix, Mike |
| IN014 Exit 16 Park and Ride | | | | | Total: \$2,406,179 | \$2,619,659 | | Intermodal | CMAQ | |
| VTrans Number: CMG PARK(47) | | Remove | | | PE: \$225,000 | | | | 100 % Federal | |
| | | | | | ROW: \$1,020,000 | | | | 0 % State | |
| | | | | | CON: \$1,161,179 | | | | 0 % Local | VTrans PM: Bohl, Tina |

| CCRPC # Project Location | FY20-23 Federal Funds | | | | Other Project Information | | | | | |
|---|-----------------------|--------------------|-------------------------------|---------------------|---|--------------------------------------|----------------------------|--|---|--|
| | FY20 Phase | FY21 Phase | FY22 Phase | FY23 Phase | Total Cost fed+state+local in 2019 Dollars | Fed. Funds Obligated Thru FY18 | FY19 Fed Funds Phase | Project Use Category | Federal Funding Source | Remarks |
| BR050 Exit 17 Improvements | \$800,000 ROW | | \$5,000,000 CON | \$18,000,000 CON | Total: \$36,025,000 PE: \$2,225,000 ROW: \$800,000 CON: \$33,000,000 | \$500,000 | \$2,225,000 PE | New Facility/ Major Roadway Upgrade | NHPP/STP 100 % Federal 0 % State 0 % Local | Project includes reconstruction of BR18A carrying US2 over I-89, interchange upgrades, and improvements to US2/7 intersection. Includes \$10M in FY24. VTrans PM: Coburn, Patti |
| VTrans Number: NH 028-1(31) | | | | | | | | | | |
| OT039 Implementation of Stormwater Best Management Practices in Moorings Stream Watershed | | \$245,470 CON | | | Total: \$391,000 PE: \$62,000 ROW: \$5,000 CON: \$324,000 | \$49,730 | \$44,250 PE | Stormwater/ Environmental | STP 80 % Federal 0 % State 20 % Local | 2018 Transportation Alternatives award (\$295,200) VTrans PM: Robertson, Scott |
| VTrans Number: TAP TA18(1) | | | | | | | | | | |
| BP096 Mountain View Drive Sidewalk | | | | | Total: \$465,981 PE: \$65,981 ROW: \$30,000 CON: \$370,000 | \$303,139 | | Bike/ Pedestrian | STP 80 % Federal 0 % State 20 % Local | 2015 CCRPC Sidewalk grant (\$75,000), 2016 CCRPC Sidewalk grant (\$82,639), 2016 Bike/Ped (\$179,500) VTrans PM: Perrigo, Joel |
| US7 to Water Tower Circle VTrans Number: STP BP16(6)/ STP SDWK(20) | | | Remove | | | | | | | |
| OT033 Phosphorous Control Plan | | | | | Total: \$50,000 PE: \$50,000 ROW: CON: | | \$40,000 Scoping | Stormwater/ Environmental | STP 80 % Federal 0 % State 20 % Local | Municipal Highway and Stormwater Mitigation Program award VTrans PM: Robertson, Scott |
| VTrans Number: STP MM18(1) | | | Funds to be obligated in FY19 | | | | | | | |
| HP118 Prim Road/West Lakeshore Drive Intersection Improvements | \$100,000 CON | \$1,200,000 CON | \$1,507,125 CON | | Total: \$3,177,125 PE: \$450,000 ROW: \$100,000 CON: \$2,627,125 | \$275,672 | \$50,000 ROW | Safety/Traffic Operations/ ITS | STP 100 % Federal 0 % State 0 % Local | CIRC Alt Phase III project. VTrans PM: Perrigo, Joel |
| VTrans Number: STP 5600(20) | | | CIRC Alternative Project | | | | | | | |

| CCRPC # Project Location | FY20-23 Federal Funds | | | | Other Project Information | | | | | |
|--|-----------------------|---------------|---------------|--------------------|---|--------------------------------------|----------------------------|------------------------------------|---|---|
| | FY20 Phase | FY21 Phase | FY22 Phase | FY23 Phase | Total Cost fed+state+local in 2019 Dollars | Fed. Funds Obligated Thru FY18 | FY19 Fed Funds Phase | Project Use Category | Federal Funding Source | Remarks |
| HP110 Severance Corners Intersection Project US7/Town Highway 7/Town Highway 9 VTrans Number: STPG 5600(17) | \$400,000 ROW | | | \$3,650,000 CON | Total: \$4,648,257 PE: \$600,000 ROW: \$400,000 CON: \$3,648,257 | \$200,000 | | Safety/ Traffic Operations/ ITS | STP 100 % Federal 0 % State 0 % Local | CIRC Alt Phase II implementation project. VTrans PM: Parizo, Erin |
| HP003 VT2A Improvements Colchester Village VTrans Number: STP 5600(19) | | | | | Total: \$3,900,000 PE: ROW: CON: | | | Roadway Corridor Improvement | STP 80 % Federal 20 % State 0 % Local | CIRC Alternative Phase III project. Project includes improvements to Mill Pond Rd intersection. VTrans PM: Coburn, Patti |
| HP037 VT2A/US7/Creek Rd/Bay Rd Intersection VTrans Number: STP 5600(9)S | | | | Remove | Total: \$7,754,281 PE: \$1,250,000 ROW: \$770,000 CON: \$5,754,281 | \$5,225,065 | | Safety/ Traffic Operations/ ITS | STP 80 % Federal 20 % State 0 % Local | VTrans PM: Parizo, Erin |
| BP070A West Lakeshore Drive Path Church Road to Prim Road VTrans Number: STP BP15(4) | | | | Remove | Total: \$1,407,693 PE: \$307,693 ROW: \$100,000 CON: \$1,000,000 | \$431,346 | | Bike/ Pedestrian | STP 80 % Federal 10 % State 10 % Local | 2015 Bike/Ped grant (\$431,345). Other grants for this project include 2013 and 2015 TA (\$250,000 + \$300,000), 2013 and 2014 CCRPC Sidewalk (\$139,835 + \$147,200). VTrans PM: Robertson, Scott |

| CCRPC # Project Location | FY20-23 Federal Funds | | | | Other Project Information | | | | | |
|---|-----------------------|------------------|---------------|---------------|---|--------------------------------------|----------------------------|-------------------------|---|--|
| | FY20 Phase | FY21 Phase | FY22 Phase | FY23 Phase | Total Cost fed+state+local in 2019 Dollars | Fed. Funds Obligated Thru FY18 | FY19 Fed Funds Phase | Project Use Category | Federal Funding Source | Remarks |
| BP070B West Lakeshore Drive Path Church Road to Prim Road VTrans Number: STP SDWK(16) | | | | | Total: \$1,407,693 PE: \$307,693 ROW: \$100,000 CON: \$1,000,000 | \$315,835 | | Bike/ Pedestrian | STP 80 % Federal 0 % State 20 % Local | CCRPC 2013 and 2014 Sidewalk grants (\$139,835 + \$147,200). Other grants for this project include 2013 and 2015 Transportation Alternatives grants (\$250,000 + \$300,000), and 2015 Bike/Ped (\$431,345). VTrans PM: Robertson, Scott |
| BP070C West Lakeshore Drive Path Church Road to Prim Road VTrans Number: TAP TA13(5) | | | | | Total: \$1,407,693 PE: \$307,693 ROW: \$100,000 CON: \$1,000,000 | \$248,722 | \$800,000 CON | Bike/ Pedestrian | STP 80 % Federal 10 % State 10 % Local | 2013 and 2015 Transportation Alternatives grants (\$250,000 + \$300,000). Other grants for this project include 2013 and 2014 CCRPC Sidewalk (\$139,835 + \$147,200), and 2015 Bike/Ped (\$431,345). VTrans PM: Robertson, Scott |
| Colchester-Essex | | | | | | | | | | |
| BP069 VT15 Multiuse Path Lime Kiln Road to Susie Wilson Road VTrans Number: NH 030-1(34) | \$600,000 CON | \$484,056 CON | | | Total: \$1,780,070 PE: \$350,000 ROW: \$75,000 CON: \$1,355,070 | \$349,414 | \$60,000 ROW | Bike/ Pedestrian | STP 80 % Federal 20 % State 0 % Local | CIRC Alternatives Phase II implementation project. VTrans PM: Parizo, Erin |
| Colchester-South Hero | | | | | | | | | | |
| BP106 Colchester Causeway Repairs VTrans Number: STP BP19(1) | | | | | Total: PE: ROW: CON: | \$332,428 | | Bike/ Pedestrian | STP 80 % Federal 20 % State 0 % Local | Repairs to the Colchester portion of the Causeway following storm damage. VTrans PM: |

| CCRPC # Project Location | FY20-23 Federal Funds | | | | Other Project Information | | | | | |
|--|-----------------------|------------------|------------------|---------------|--|--------------------------------------|----------------------------|------------------------------|---|--|
| | FY20 Phase | FY21 Phase | FY22 Phase | FY23 Phase | Total Cost fed+state+local in 2019 Dollars | Fed. Funds Obligated Thru FY18 | FY19 Fed Funds Phase | Project Use Category | Federal Funding Source | Remarks |
| Essex | | | | | | | | | | |
| BR048 Alder Brook Culvert (BR2) on VT117 | | \$520,000 CON | \$920,000 CON | | Total: \$2,170,000 PE: \$350,000 ROW: \$20,000 CON: \$1,800,000 | \$207,296 | \$16,000 ROW | Bridge | STP 80 % Federal 20 % State 0 % Local | Replacement of a failed buried structure on VT117 carrying Alder Brook. VTrans PM: Young, Robert |
| VTrans Number: BF 5400(9) | | | | | | | | | | |
| BP091 Pinecrest Drive Sidewalk | \$186,216 CON | | | | Total: \$357,770 PE: \$115,000 ROW: \$25,000 CON: \$217,770 | \$100,000 | \$174,216 CON | Bike/ Pedestrian | STP 80 % Federal 0 % State 20 % Local | 2015 Transportation Alternatives grant (\$286,216) VTrans PM: Perrigo, Joel |
| VT2A to Suffolk Lane VTrans Number: TAP TA15(4) | | | | | | | | | | |
| OT038 Road Erosion Inventory | | | | | Total: \$9,600 PE: \$9,600 ROW: CON: | \$7,680 | | Stormwater/ Environmental | STP 80 % Federal 0 % State 20 % Local | FY19 Vermont Better Road Grant (\$7,680) VTrans PM: |
| VTrans Number: | | | Remove | | | | | | | |
| OT036 Stormwater Detention Pond Design and Construction at LDS Church | | \$381,730 CON | | | Total: \$1,346,185 PE: \$244,200 ROW: \$27,490 CON: \$1,074,495 | \$25,497 | \$71,038 PE/ROW | Stormwater/ Environmental | STP 35 % Federal 45 % State 20 % Local | Municipal Highway and Stormwater Mitigation Program award (\$478,265 fed, \$598,683 state) VTrans PM: Robertson, Scott |
| VTrans Number: STP MM18(9) | | | | | | | | | | |

| CCRPC # Project Location | FY20-23 Federal Funds | | | | Other Project Information | | | | | |
|---|---|------------------|--------------------|---------------|--|--------------------------------------|----------------------------|------------------------------------|--|--|
| | FY20 Phase | FY21 Phase | FY22 Phase | FY23 Phase | Total Cost fed+state+local in 2019 Dollars | Fed. Funds Obligated Thru FY18 | FY19 Fed Funds Phase | Project Use Category | Federal Funding Source | Remarks |
| OT023 VT117/North Williston Road Hazard Mitigation Improvements | | | | | Total: \$400,000 PE: ROW: CON: | | | Safety/ Traffic Operations/ ITS | STP 80 % Federal 20 % State 0 % Local | CIRC Alt Phase III project. Installation of a 6 ft box culvert, safety enhancements and armoring. |
| VTrans Number: | CIRC Alternative Project - Funding schedule to be determined | | | | VTrans PM: CIRC Alternative | | | | | |
| HP121 VT117/North Williston Road Intersection Improvements | \$50,000 ROW | | \$1,250,000 CON | | Total: \$1,568,000 PE: \$268,000 ROW: \$50,000 CON: \$1,250,000 | \$125,000 | | Safety/ Traffic Operations/ ITS | STP 100 % Federal 0 % State 0 % Local | CIRC Alt Phase III project. |
| VTrans Number: STP 5400(10) | CIRC Alternative Project | | | | VTrans PM: Sisson, Taylor | | | | | |
| BR060 VT128 Culvert BR1 Carrying Alder Brook | \$400,000 CON | | | | Total: \$505,000 PE: \$5,000 ROW: CON: \$500,000 | \$8,000 | \$400,000 CON | Bridge | STP 80 % Federal 0 % State 20 % Local | |
| VTrans Number: BM19501 | | | | | VTrans PM: Scribner, Sven | | | | | |
| BP081 VT15 Sidewalk - Old Stage Road to Essex Way | | | | | Total: \$160,000 PE: ROW: CON: | | | Bike/ Pedestrian | STP 80 % Federal 20 % State 0 % Local | CIRC Alt Phase III project. |
| VTrans Number: | CIRC Alternative Project - Funding schedule to be determined | | | | VTrans PM: Coburn, Patti | | | | | |
| HP082 VT15/Sand Hill Road Intersection Improvements | | \$250,000 CON | \$676,481 CON | | Total: \$1,201,481 PE: \$200,000 ROW: \$75,000 CON: \$926,481 | \$200,000 | \$75,000 ROW | Safety/ Traffic Operations/ ITS | STP 100 % Federal 0 % State 0 % Local | CIRC Alt Phase II implementation project. Scoping completed February 2008. |
| VTrans Number: STPG 030-1(22) | CIRC Alternative Project | | | | VTrans PM: Sisson, Taylor | | | | | |

| CCRPC # Project Location | FY20-23 Federal Funds | | | | Other Project Information | | | | | |
|---|-----------------------|-----------------------------------|---------------|---------------|--|--------------------------------------|----------------------------|--|------------------------------------|--|
| | FY20 Phase | FY21 Phase | FY22 Phase | FY23 Phase | Total Cost fed+state+local in 2019 Dollars | Fed. Funds Obligated Thru FY18 | FY19 Fed Funds Phase | Project Use Category | Federal Funding Source | Remarks |
| RR010 VT2A (Park Street) Rail Crossing Improvements | \$76,500 PE | | | | Total: | | | Rail | Section 130 Rail Grade Crossing | |
| VTrans Number: STP 5300(15) | | New | | | PE: | | | | 90 % Federal | |
| | | | | | ROW: | | | | 10 % State | |
| | | | | | CON: | | | | 0 % Local | VTrans PM: Libby, Paul |
| HP101B VT2A/VT289 Intersection | | | | | Total: \$1,874,265 | \$1,864,265 | | Safety/Traffic Operations/ ITS | STP | CIRC Alt Project. Phase II includes geometric changes to the intersection. |
| Phase II Improvements | | | | | PE: \$235,000 | | | | 100 % Federal | |
| VTrans Number: STP 5400(7) | | CIRC Alternative Project - Remove | | | ROW: | | | | 0 % State | |
| | | | | | CON: \$1,639,265 | | | | 0 % Local | VTrans PM: Coburn, Patti |
| Essex Junction | | | | | | | | | | |
| HC014 Crescent Connector | \$3,000,000 CON | \$2,680,000 CON | | | Total: \$9,600,000 | \$1,154,000 | \$4,700,000 | New Facility/ Major Roadway Upgrade | STP | CIRC Alt Phase I project. Construction of a new road connecting VT2A and VT117 and improvement to Railroad Street between VT117 and VT15. |
| VT2A to VT117 | | | | | PE: \$1,150,000 | | ROW/CON | | 80 % Federal | |
| VTrans Number: STP 5300(13) | | CIRC Alternative Project | | | ROW: \$1,350,000 | | | | 20 % State | |
| | | | | | CON: \$7,100,000 | | | | 0 % Local | VTrans PM: Perrigo, Joel |
| OT026 Mansfield/Brickyard Gravel Wetlands | \$88,000 CON | | | | Total: \$190,000 | \$72,000 | \$16,000 | Stormwater/ Environmental | STP | 2016 TA award (\$142,456) to construct a gravel wetland for runoff from Creek Condominiums and portions of a village road. |
| VTrans Number: TAP TA16(7) | | | | | PE: \$60,000 | | ROW | | 80 % Federal | |
| | | | | | ROW: \$20,000 | | | | 0 % State | |
| | | | | | CON: \$110,000 | | | | 20 % Local | VTrans PM: Robertson, Scott |
| HP111 Pearl Street Improvements | | | | | Total: \$2,960,000 | \$2,145,717 | | Roadway Corridor Improvement | STP | CIRC Alternatives Phase II implementation project. |
| Post Office Square to 5-Corners | | | | | PE: \$250,000 | | | | 80 % Federal | |
| VTrans Number: STP 5300(14) | | CIRC Alternative Project - Remove | | | ROW: \$50,000 | | | | 20 % State | |
| | | | | | CON: \$2,660,000 | | | | 0 % Local | VTrans PM: Perrigo, Joel |

| CCRPC # Project Location | FY20-23 Federal Funds | | | | Other Project Information | | | | | |
|--------------------------------|-----------------------|---------------|---------------|---------------|--|--------------------------------------|----------------------------|-------------------------|---------------------------|---------|
| | FY20 Phase | FY21 Phase | FY22 Phase | FY23 Phase | Total Cost fed+state+local in 2019 Dollars | Fed. Funds Obligated Thru FY18 | FY19 Fed Funds Phase | Project Use Category | Federal Funding Source | Remarks |

| | | | | | | | | | | |
|--|-------------------------------|--|--|--|-----------------|----------|----------|------------------------------|--------------|---|
| OT034 Phosphorous Control Plan | | | | | Total: \$50,000 | \$21,216 | \$18,784 | Stormwater/ Environmental | STP | Municipal Highway and Stormwater Mitigation Program award |
| | | | | | PE: \$50,000 | | Scoping | | | |
| | | | | | ROW: | | | | 80 % Federal | |
| | | | | | CON: | | | | 0 % State | |
| | | | | | | | | | 20 % Local | |
| VTrans Number: STP MM18(2) | Funds to be obligated in FY19 | | | | | | | | | VTrans PM: |

| | | | | | | | | | | |
|---|-----------|--|--|--|------------------|--|-----------|------------------------------|--------------|--|
| OT041 Purchase of Vacuum Flusher/Pipeline Truck | \$283,000 | | | | Total: \$353,750 | | \$283,000 | Stormwater/ Environmental | STP | 2018 Transportation Alternatives award (\$283,000) |
| | | | | | PE: | | | | | |
| | | | | | ROW: | | | | 80 % Federal | |
| | | | | | CON: | | | | 0 % State | |
| | | | | | | | | | 20 % Local | |
| VTrans Number: TAP TA18(3) | | | | | | | | | | VTrans PM: |

Essex, Williston

| | | | | | | | | | | |
|---|-----------------------------------|--|--|--|--------------------|-------------|--|------------------------------------|---------------|--|
| HP126 Signal Upgrades on VT2A and VT15 | | | | | Total: \$3,375,000 | \$4,264,002 | | Safety/ Traffic Operations/ ITS | STP | Signal upgrades and associated improvements at 18 intersections on VT2A in Williston and VT15 in Essex. |
| | | | | | PE: \$275,000 | | | | | |
| | | | | | ROW: | | | | 100 % Federal | |
| | | | | | CON: \$3,100,000 | | | | 0 % State | |
| | | | | | | | | | 0 % Local | |
| Locations on US2, VT15 and VT2A VTrans Number: STPG SGNL(46) | CIRC Alternative Project - Remove | | | | | | | | | VTrans PM: LaCroix, Mike |

Essex-Underhill

| | | | | | | | | | | |
|---|-------------|--|--|--|--------------------|-----------|-------------|--------|--------------|--|
| HP132 VT15 Paving | \$3,155,213 | | | | Total: \$6,244,016 | \$109,458 | \$1,600,000 | Paving | STP | |
| | CON | | | | PE: \$300,000 | | CON | | | |
| | | | | | ROW: | | | | 80 % Federal | |
| | | | | | CON: \$5,944,016 | | | | 20 % State | |
| | | | | | | | | | 0 % Local | |
| MM 3.26 to MM 4.351 VTrans Number: STP PS19(6) | | | | | | | | | | VTrans PM: Bogaczyk, Matthew |

| CCRPC # Project Location | FY20-23 Federal Funds | | | | Other Project Information | | | | | |
|--|-----------------------|------------------|---------------|-------------------------------|---|--------------------------------------|----------------------------|------------------------------------|---|---|
| | FY20 Phase | FY21 Phase | FY22 Phase | FY23 Phase | Total Cost fed+state+local in 2019 Dollars | Fed. Funds Obligated Thru FY18 | FY19 Fed Funds Phase | Project Use Category | Federal Funding Source | Remarks |
| Hinesburg | | | | | | | | | | |
| BR053 BR24 (Cattle-pass) on VT116 North of North Road VTrans Number: BF 021-1(35) | \$140,000 CON | | | | Total: \$235,813 PE: \$60,813 ROW: \$0 CON: \$175,000 | \$28,000 | \$28,000 ROW | Bridge | STP 80 % Federal 20 % State 0 % Local | Replace a failing cattle underpass with a 78 inch polymer coated corrugated steel pipe (PCCSP) VTrans PM: McCarthy, J.B. |
| BP066 Village North Sidewalk VT116 from Commerce Street to Riggs Road VTrans Number: STP BIKE(54) | | | | Funds to be obligated in FY19 | Total: \$260,800 PE: \$78,500 ROW: \$2,300 CON: \$180,000 | \$81,080 | \$124,000 CON | Bike/ Pedestrian | STP 80 % Federal 10 % State 10 % Local | 2012 Bike/Ped grant (\$190,538) VTrans PM: Kaplan, Jon |
| BP098 Village South Sidewalk VT116 from School to Friendship Lane VTrans Number: STP BP16(11) | \$3,200 ROW | \$198,846 CON | | | Total: \$293,880 PE: \$53,762 ROW: \$5,000 CON: \$235,118 | \$32,054 | \$4,000 ROW | Bike/ Pedestrian | STP 80 % Federal 0 % State 20 % Local | 2016 Bike/Ped grant (\$120,500). 2018 Bike/Ped grant (\$114,400). VTrans PM: Robertson, Scott |
| HP058 VT116/CVU Road Improvements VT116/TH1/TH7 VTrans Number: HES 021-1(19) | \$2,622,760 CON | \$250,000 CON | | | Total: \$3,802,760 PE: \$780,000 ROW: \$150,000 CON: \$2,872,760 | \$430,202 | \$250,000 CON | Safety/ Traffic Operations/ ITS | STP 100 % Federal 0 % State 0 % Local | Improvements including left turn lanes on VT116. Section 164 funds used for PE. VTrans PM: Coburn, Patti |

| CCRPC # Project Location | FY20-23 Federal Funds | | | | Other Project Information | | | | |
|--------------------------------|-----------------------|---------------|---------------|---------------|--|--------------------------------------|----------------------------|-------------------------|---------------------------|
| | FY20 Phase | FY21 Phase | FY22 Phase | FY23 Phase | Total Cost fed+state+local in 2019 Dollars | Fed. Funds Obligated Thru FY18 | FY19 Fed Funds Phase | Project Use Category | Federal Funding Source |

Huntington

| | | | | | | | | | | |
|-----------------------------------|--|--|--|--|------------------|----------|-----------|--------|--------------|-------------------|
| BR055 BR32 on Camels Hump Road | | | | | Total: \$250,000 | \$32,000 | \$200,000 | Bridge | STP | |
| VTrans Number: BP 1445(38) | Construction schedule to be determined | | | | PE: \$250,000 | | PE | | | |
| | | | | | ROW: | | | | 80 % Federal | |
| | | | | | CON: | | | | 10 % State | |
| | | | | | | | | | 10 % Local | VTrans PM: |

Interstate/Expressway

| | | | | | | | | | | |
|--|-------------------------------|--|--|--|------------------|-----------|-----------|------------------------------|--------------|---|
| OT032 Allen Brook Stormwater Flow Restoration | | | | | Total: \$985,342 | \$135,000 | \$657,000 | Stormwater/ Environmental | NHPP | Stormwater project for Allen Brook in the area of I-89 mm 80 to 84. This project will design and construct a system using best management practices to implement VTrans flow restoration plans. Project is within the state highway right-of-way. |
| Allen Brook | | | | | PE: \$250,000 | | CON | | | |
| VTrans Number: IM SWFR(1) | Funds to be obligated in FY19 | | | | ROW: | | | | 90 % Federal | |
| | | | | | CON: \$735,342 | | | | 10 % State | |
| | | | | | | | | | 0 % Local | VTrans PM: Devlin, Jesse |

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|--|-----------|-----------|-----|--|--------------------|--|--|--------|--------------|--|
| HP142 I-189 Concrete Pavement Repair, Burlington-South Burlington | \$225,000 | \$900,000 | | | Total: \$1,250,000 | | | Paving | NHPP | |
| | PE | CON | | | PE: \$250,000 | | | | | |
| Ramps H and C | | | | | ROW: | | | | 90 % Federal | |
| VTrans Number: IM 189-3(77) | | | New | | CON: \$1,000,000 | | | | 10 % State | |
| | | | | | | | | | 0 % Local | VTrans PM: Bogaczyk, Matthew |

| | | | | | | | | | | |
|--|-----------|--|-----|--|--------------------|--|-----------|--------|--------------|--|
| HP143 I-189 Paving, Burlington-South Burlington | \$580,000 | | | | Total: \$1,300,000 | | \$500,000 | Paving | NHPP | |
| | CON | | | | PE: \$100,000 | | CON | | | |
| EB and WB MM 0.0 to 1.488 including ramps | | | | | ROW: | | | | 90 % Federal | |
| VTrans Number: IM 189-3(78) | | | New | | CON: \$1,200,000 | | | | 10 % State | |
| | | | | | | | | | 0 % Local | VTrans PM: Bogaczyk, Matthew |

| CCRPC # Project Location | FY20-23 Federal Funds | | | | Other Project Information | | | | | |
|---|-----------------------|--------------------|---------------|---------------|--|--------------------------------------|----------------------------|--|---------------------------|---|
| | FY20 Phase | FY21 Phase | FY22 Phase | FY23 Phase | Total Cost fed+state+local in 2019 Dollars | Fed. Funds Obligated Thru FY18 | FY19 Fed Funds Phase | Project Use Category | Federal Funding Source | Remarks |
| HC017 I-89 2050 Scoping Study | \$67,500 Scoping | | | | Total: | | \$67,500 | New Facility/ Major Roadway Upgrade | STP | |
| VTrans Number: IM 089-2(53) | | | | | PE: | | Scoping | | 90 % Federal | |
| | | | | | ROW: | | | | 10 % State | |
| | | | | | CON: | | | | 0 % Local | VTrans PM: |
| BR047 I-89 Bridge Rehabilitation, Bolton | \$463,680 CON | | | | Total: | \$675,693 | \$76,500 | Bridge | NHPP | |
| Culvert 51-3 Carrying Notch Road | | | | | PE: | \$160,493 | | | | |
| VTrans Number: IM 089-2(45) | | | | | ROW: | | | | 90 % Federal | |
| | | | | | CON: | \$515,200 | | | 10 % State | |
| | | | | | | | | | 0 % Local | VTrans PM: McCarthy, J.B. |
| BR032 I-89 Bridge Rehabilitation, Colchester | \$8,000,000 CON | \$4,859,973 CON | | | Total: | \$15,541,711 | \$747,580 | Bridge | NHPP | Replace decking and railing of bridges 76 N&S and 77 N&S. Project schedule to be coordinated with Colchester Exit 16 Project (HP102). |
| BR76 (Bay Road) and BR77 (Mallets Creek) | | | | | PE: | \$1,252,852 | | | | |
| VTrans Number: IM 089-3(69) | | | | | ROW: | | | | 90 % Federal | |
| | | | | | CON: | \$14,288,859 | | | 10 % State | |
| | | | | | | | | | 0 % Local | VTrans PM: Summer, Todd |
| BR041 I-89 Culvert Improvements, South Burlington | | | | | Total: | \$11,464,845 | \$6,379,000 | Bridge | NHPP | Design build project. |
| Culverts 63 and 64. | | | | | PE: | \$306,209 | | | | |
| VTrans Number: IM CULV(24) | | | Remove | | ROW: | | | | 95 % Federal | |
| | | | | | CON: | \$11,158,636 | | | 5 % State | |
| | | | | | | | | | 0 % Local | VTrans PM: Mahendratnam, T |
| HP144 I-89 Paving, Richmond- Colchester | \$4,200,000 CON | | | | Total: | \$9,140,819 | \$4,000,000 | Paving | NHPP | |
| MM 79 to MM 91.88 NB and SB, and ramps | | | | | PE: | \$20,000 | CON | | | |
| VTrans Number: IM SURF(63) | | | New | | ROW: | | | | 90 % Federal | |
| | | | | | CON: | \$9,120,819 | | | 10 % State | |
| | | | | | | | | | 0 % Local | VTrans PM: Bogaczyk, Matthew |

| CCRPC # Project Location | FY20-23 Federal Funds | | | | Other Project Information | | | | | |
|--|-----------------------|-----------------|---------------|---------------|--|--------------------------------------|----------------------------|-------------------------|---|--|
| | FY20 Phase | FY21 Phase | FY22 Phase | FY23 Phase | Total Cost fed+state+local in 2019 Dollars | Fed. Funds Obligated Thru FY18 | FY19 Fed Funds Phase | Project Use Category | Federal Funding Source | Remarks |
| HP133 I-89 Paving, Waterbury- Richmond NB and SB lanes, MM 66 to MM 79 VTrans Number: IM SURF(58) | | | | | Total: \$6,371,889 PE: \$50,000 ROW: CON: \$6,321,889 | | \$5,340,600 CON | Paving | NHPP 90 % Federal 10 % State 0 % Local | 86 percent of project length in Chittenden County VTrans PM: Kipp, Brandon |
| BR059 Richmond BR29 on US2 over I- 89 VTrans Number: IM 089-2(52) | \$189,000 PE | \$189,000 PE | | | Total: \$10,870,240 PE: \$600,000 ROW: \$40,000 CON: \$10,230,240 | | \$162,000 PE | Bridge | NHPP 90 % Federal 10 % State 0 % Local | New bridge on new alignment adjacent to existing bridge. VTrans PM: Carlson, Carolyn |
| Jericho | | | | | | | | | | |
| BP083 Browns River Middle School and Union ID School Crossing Improvements VTrans Number: STP BP14(2) | | | | Remove | Total: \$233,200 PE: \$40,000 ROW: CON: \$193,200 | \$227,024 | | Bike/ Pedestrian | STP 80 % Federal 10 % State 10 % Local | 2014 Bike/Ped award for design and construction of crossings with RRFB and Ped Hybrid Beacon to cross VT15. VTrans PM: Bohl, Tina |
| BP065B Browns Trace Multimodal Connection Pratt Road to Lee River Road - Segment 2 VTrans Number: STP BP15(10) | \$308,000 CON | | | | Total: \$460,000 PE: \$50,000 ROW: \$25,000 CON: \$385,000 | \$40,540 | \$20,000 ROW | Bike/ Pedestrian | STP 80 % Federal 10 % State 10 % Local | 2015 Bike/Ped award (\$352,700) VTrans PM: Perrigo, Joel |

| CCRPC # Project Location | FY20-23 Federal Funds | | | | Other Project Information | | | | | |
|--|-----------------------|---------------|------------------|---------------|---|--------------------------------------|----------------------------|------------------------------------|---|---|
| | FY20 Phase | FY21 Phase | FY22 Phase | FY23 Phase | Total Cost fed+state+local in 2019 Dollars | Fed. Funds Obligated Thru FY18 | FY19 Fed Funds Phase | Project Use Category | Federal Funding Source | Remarks |
| BP100 Lee River Road Sidewalk | \$12,000 ROW | | \$208,000 CON | | Total: \$350,000 PE: \$75,000 ROW: \$15,000 CON: \$260,000 | \$60,000 | | Bike/ Pedestrian | STP 80 % Federal 0 % State 20 % Local | 2017 TA award (\$220,587) to design and construct 1,000 feet of sidewalk and other pedestrian improvements |
| VTrans Number: TAP TA17(1) | | | | | | | | | | |
| HP093 VT15/Browns Trace Intersection Improvements | | | | | Total: \$2,593,085 PE: \$480,000 ROW: \$200,000 CON: \$1,913,085 | \$2,534,671 | | Safety/ Traffic Operations/ ITS | Safety 100 % Federal 0 % State 0 % Local | To be funded with Section 148 HSIP funds. Westbound left turn lane to be added. |
| VTrans Number: STP HES 030-1(21) Remove | | | | | | | | | | |
| Jericho-Richmond | | | | | | | | | | |
| HP098A VT117 Paving | | | | | Total: \$6,172,946 PE: \$355,000 ROW: CON: \$5,817,946 | \$5,741,096 | \$2,161,340 CON | Paving | STP 80 % Federal 20 % State 0 % Local | Essex Town Line to US2. |
| VTrans Number: STP 2931(1) Funds to be obligated in FY19 | | | | | | | | | | |
| Milton | | | | | | | | | | |
| BP105 Cherry Street Sidewalk | \$57,200 CON | | | | Total: \$105,000 PE: \$7,000 ROW: \$5,000 CON: \$91,000 | \$23,600 | | Bike/ Pedestrian | STP 80 % Federal 0 % State 20 % Local | 100-ft sidewalk from Turner Ave to railroad including upgrading rail crossing. CCRPC FY14 sidewalk award (\$52,800). 2018 Bike/Ped grant (\$28,000). |
| VTrans Number: STP SDWK(18) | | | | | | | | | | |

| CCRPC # Project Location | FY20-23 Federal Funds | | | | Other Project Information | | | | | |
|---|-------------------------|-------------------------|-------------------------|-------------------------|---|--------------------------------------|----------------------------|-----------------------------------|--|--|
| | FY20 Phase | FY21 Phase | FY22 Phase | FY23 Phase | Total Cost fed+state+local in 2019 Dollars | Fed. Funds Obligated Thru FY18 | FY19 Fed Funds Phase | Project Use Category | Federal Funding Source | Remarks |
| OT042 Purchase of Vector Truck | \$300,000 | | | | Total: \$375,000 PE: ROW: CON: | | \$300,000 | Stormwater/ Environmental | STP 80 % Federal 0 % State 20 % Local | 2018 Transportation Alternatives award (\$300,000) VTrans PM: |
| VTrans Number: TAP TA18(4) | | | | | | | | | | |
| BP097 US7 Sidewalk - Nancy Drive to Haydenberry Drive | \$594,400 CON | | | | Total: \$1,078,000 PE: \$245,000 ROW: \$90,000 CON: \$743,000 | \$196,170 | \$72,000 ROW | Bike/ Pedestrian | STP 80 % Federal 0 % State 20 % Local | Fill 3,830 feet of sidewalk gaps on north side of US7. 2016 Bike/Ped grant (\$850,000). VTrans PM: Bohl, Tina |
| VTrans Number: STP BP16(10) | | | | | | | | | | |
| HP007 US7/Middle Rd/Railroad St Intersection | | | \$2,500,000 CON | \$1,000,000 CON | Total: \$4,200,000 PE: \$550,000 ROW: \$150,000 CON: \$3,500,000 | \$200,000 | \$500,000 PE/ROW | Safety/Traffic Operations/ ITS | STP 100 % Federal 0 % State 0 % Local | Northern section to be funded by VTrans, southern section to be funded by Milton. VTrans PM: Coburn, Patti |
| US7/TH1 VTrans Number: STP 5800(3) | | | | | | | | | | |
| Regional | | | | | | | | | | |
| BR003 Bridge Inspection | \$50,000 PE | \$50,000 PE | \$50,000 PE | \$50,000 PE | Total: PE: ROW: CON: | | \$50,000 PE | Bridge | NHPP/STP % Federal % State % Local | CCRPC share of VTrans bridge inspection program. Funding shares to be determined. VTrans PM: Regional |
| Regional VTrans Number: | | | | | | | | | | |
| BR033 Bridge Preventative Maintenance | \$250,000 PE/ROW/CON | \$250,000 PE/ROW/CON | \$250,000 PE/ROW/CON | \$250,000 PE/ROW/CON | Total: PE: ROW: CON: | | \$250,000 PE/ROW/CON | Bridge | NHPP/STP % Federal % State % Local | Bridge preventative maintenance and painting for state and interstate bridges in Chittenden County. Funding shares to be determined. VTrans PM: Regional |
| Regional VTrans Number: | | | | | | | | | | |

| CCRPC # Project Location | FY20-23 Federal Funds | | | | Other Project Information | | | | | |
|--|-------------------------|-------------------------|-------------------------|-------------------------|--|--------------------------------------|----------------------------|------------------------------------|---|---|
| | FY20 Phase | FY21 Phase | FY22 Phase | FY23 Phase | Total Cost fed+state+local in 2019 Dollars | Fed. Funds Obligated Thru FY18 | FY19 Fed Funds Phase | Project Use Category | Federal Funding Source | Remarks |
| BR004 Bridge Scoping and Preliminary Engineering Regional VTrans Number: | \$100,000 PE | \$100,000 PE | \$100,000 PE | \$100,000 PE | Total: PE: ROW: CON: | | \$100,000 PE | Bridge | NHPP/STP % Federal % State % Local | Funding for VTrans scoping and preliminary engineering. Funding shares to be determined. VTrans PM: Regional |
| OT006 Design Scoping Projects Regional VTrans Number: | \$100,000 PE | \$100,000 PE | \$100,000 PE | \$100,000 PE | Total: PE: ROW: CON: | | \$100,000 PE | Safety/ Traffic Operations/ ITS | NHPP/STP % Federal % State % Local | Funding for VTrans scoping in Chittenden County. Funding shares to be determined. VTrans PM: Regional |
| OT005 Local Roads Regional VTrans Number: | \$16,000 | \$16,000 | \$16,000 | \$16,000 | Total: PE: ROW: CON: | | \$16,000 | Safety/ Traffic Operations/ ITS | LTAP 80 % Federal 20 % State 0 % Local | CCRPC's share of the statewide Local Roads program. Funds are non-constrained. VTrans PM: Regional |
| OT017 Modifications and Overruns VTrans Number: | \$500,000 PE/ROW/CON | \$500,000 PE/ROW/CON | \$500,000 PE/ROW/CON | \$500,000 PE/ROW/CON | Total: PE: ROW: CON: | | \$500,000 PE/ROW/CON | Safety/ Traffic Operations/ ITS | NHPP/STP % Federal % State % Local | Funds to be used for projects that have been completed but are still incurring costs. Funding shares to be determined. VTrans PM: Regional |
| HP012 Pavement Marking Regional VTrans Number: | \$40,000 CON | \$40,000 CON | \$40,000 CON | \$40,000 CON | Total: PE: ROW: CON: | | \$40,000 CON | Paving | NHPP/STP 100 % Federal 0 % State 0 % Local | Funding for VTrans annual pavement marking in Chittenden County. VTrans PM: Regional |

| CCRPC # Project Location | FY20-23 Federal Funds | | | | Other Project Information | | | | | |
|---|-------------------------|-------------------------|-------------------------|-------------------------|--|--------------------------------------|----------------------------|------------------------------------|---------------------------|---|
| | FY20 Phase | FY21 Phase | FY22 Phase | FY23 Phase | Total Cost fed+state+local in 2019 Dollars | Fed. Funds Obligated Thru FY18 | FY19 Fed Funds Phase | Project Use Category | Federal Funding Source | Remarks |
| HP016 Paving Regional VTrans Number: | \$50,000 PE/CON | \$50,000 PE/CON | \$50,000 PE/CON | \$50,000 PE/CON | Total: PE: ROW: CON: | | \$50,000 PE/CON | Paving | NHPP/STP | Funding for VTrans design of paving projects in Chittenden County. Funding shares to be determined. <u>VTrans PM:</u> Regional |
| BP022 Regional Recreational Trails Regional VTrans Number: | \$70,000 CON | \$70,000 CON | \$70,000 CON | \$70,000 CON | Total: PE: ROW: CON: | | \$70,000 CON | Bike/ Pedestrian | Rec Trails | Recreational trails program administered by the Vermont Agency of Natural Resources. <u>VTrans PM:</u> Regional |
| OT001 Regional Safety Regional VTrans Number: | \$250,000 PE/ROW/CON | \$250,000 PE/ROW/CON | \$250,000 PE/ROW/CON | \$250,000 PE/ROW/CON | Total: PE: ROW: CON: | | \$250,000 PE/ROW/CON | Safety/ Traffic Operations/ ITS | Safety | Funding for safety projects. Funding shares to be determined. <u>VTrans PM:</u> Regional |
| HP115 Slopes and Ledges Regional VTrans Number: | \$250,000 PE/ROW/CON | \$250,000 PE/ROW/CON | \$250,000 PE/ROW/CON | \$250,000 PE/ROW/CON | Total: PE: ROW: CON: | | \$250,000 PE/ROW/CON | Slopes and Ledges | NHPP/STP | Funding for projects to address and maintain stability of slopes. Funding shares to be determined. <u>VTrans PM:</u> Regional |
| BR054 Small Culverts Regional VTrans Number: | \$100,000 PE/ROW/CON | \$100,000 PE/ROW/CON | \$100,000 PE/ROW/CON | \$100,000 PE/ROW/CON | Total: PE: ROW: CON: | | \$100,000 PE/ROW/CON | Bridge | NHPP/STP | Funding for small culvert projects in Chittenden County. <u>VTrans PM:</u> Regional |

| CCRPC # Project Location | FY20-23 Federal Funds | | | | Other Project Information | | | | | |
|--|-----------------------|------------------|----------------|----------------|--|--|---------------------------------|------------------------------------|--|---|
| | FY20 Phase | FY21 Phase | FY22 Phase | FY23 Phase | Total Cost fed+state+local in 2019 Dollars | Fed. Funds Obligated Thru FY18 | FY19 Fed Funds Phase | Project Use Category | Federal Funding Source | Remarks |
| HP050 Statewide Traffic Signal Re- Timing | \$35,000 PE | \$35,000 PE | \$35,000 PE | \$35,000 PE | Total: PE: ROW: CON: | | \$35,000 PE | Safety/ Traffic Operations/ ITS | STP 100 % Federal 0 % State 0 % Local | Funding for Chittenden County share of VTrans statewide optimization of traffic signals on the state system. VTrans PM: Regional |
| VTrans Number: | | | | | | | | | | |
| HP027 Traffic Signals | \$10,000 PE | \$10,000 PE | \$10,000 PE | \$10,000 PE | Total: PE: ROW: CON: | | \$10,000 PE | Safety/ Traffic Operations/ ITS | STP 100 % Federal 0 % State 0 % Local | Funding for VTrans scoping and preliminary engineering for traffic signals on the state system in Chittenden County. VTrans PM: Regional |
| Regional VTrans Number: | | | | | | | | | | |
| Shelburne | | | | | | | | | | |
| BP107 Irish Hill Road Pedestrian Bridge and Sidewalk | | \$455,000 CON | | | Total: PE: ROW: CON: | \$864,230 \$185,192 | \$124,108 PE | Bike/ Pedestrian | STP 80 % Federal 0 % State 20 % Local | 2018 Bike/ped award (\$579,200) for prefabricated ped bridge and new sidewalk along Irish Hill Road. VTrans PM: |
| VTrans Number: STP BP18(3) | | | | | | | | | | |
| OT027 Nesti/VELCO Gravel Wetlands Project | | \$71,000 CON | | | Total: PE: ROW: CON: | \$370,000 \$60,000 \$10,000 \$300,000 | \$16,000 \$71,000 CON | Stormwater/ Environmental | STP 80 % Federal 0 % State 20 % Local | 2016 TA award (\$87,000) to construct a gravel wetland stormwater treatment system to treat runoff from Shelburne Bay. Other funding sources include Lake Champlain Basin Program, Waterwheel Foundation and Clean Water Initiative Program. VTrans PM: Perrigo, Joel |
| VTrans Number: TAP TA16(6) | | | | | | | | | | |

| CCRPC # Project Location | FY20-23 Federal Funds | | | | Other Project Information | | | | | |
|--|-----------------------------------|------------------|---------------|---------------|--|--------------------------------------|----------------------------|------------------------------------|--|---|
| | FY20 Phase | FY21 Phase | FY22 Phase | FY23 Phase | Total Cost fed+state+local in 2019 Dollars | Fed. Funds Obligated Thru FY18 | FY19 Fed Funds Phase | Project Use Category | Federal Funding Source | Remarks |
| BP104 Town Hall/Parade US7 Crosswalk Upgrade | | | | | Total: | | \$3,850 | Bike/ Pedestrian | STSP | 2017 Bike&Ped Award (\$3,850) for a rectangular rapid flashing beacon (RRFB) on US7. |
| VTrans Number: | Funds to be obligated in FY19 | | | | PE: | | CON | | 80 % Federal 0 % State 20 % Local | <u>VTrans PM:</u> |
| HP127 US7/Harbor Road/Falls Road | | | | | Total: \$1,540,000 | | | Safety/ Traffic Operations/ ITS | STP | Intersection upgrades. Illustrative project pending the availability of federal funds. |
| VTrans Number: | Illustrative | | | | PE: \$140,000 | | | | 80 % Federal 20 % State 0 % Local | <u>VTrans PM:</u> |
| Shelburne-South Burlington | | | | | | | | | | |
| HP137 US7 Signal Upgrades | | | | | Total: | \$75,000 | | Safety/ Traffic Operations/ ITS | NHPP | Signal upgrades in 16 locations on US7 between Webster Rd and Swift St. |
| Webster Road to Swift Street | | | | | PE: | | | | 100 % Federal 0 % State 0 % Local | |
| VTrans Number: NHG SGNL(51) | Funding schedule to be determined | | | | ROW: \$5,050 | | | | | <u>VTrans PM:</u> Sisson, Taylor |
| South Burlington | | | | | | | | | | |
| OT037 Bartlett Brook Stormwater Treatment System Expansion | \$1,313 ROW | \$117,423 CON | | | Total: \$469,650 | \$26,676 | \$1,313 ROW | Stormwater/ Environmental | STP | Municipal Highway and Stormwater Mitigation Program award (\$123,988 fed, \$251,732 state) |
| VTrans Number: STP MM18(17) | | | | | PE: \$20,200 | | | | 26 % Federal 54 % State 20 % Local | <u>VTrans PM:</u> |

| CCRPC # Project Location | FY20-23 Federal Funds | | | | Other Project Information | | | | | |
|--|-----------------------|---------------|---------------|---------------|---|--------------------------------------|----------------------------|------------------------------------|---|--|
| | FY20 Phase | FY21 Phase | FY22 Phase | FY23 Phase | Total Cost fed+state+local in 2019 Dollars | Fed. Funds Obligated Thru FY18 | FY19 Fed Funds Phase | Project Use Category | Federal Funding Source | Remarks |
| HC012 I-89 Exit 14 Area Signal Upgrades Williston Road and Dorset Street VTrans Number: | \$1,063,982 CON | | | | Total: \$1,330,000 PE: ROW: CON: | | \$1,063,982 | Safety/ Traffic Operations/ ITS | SAFETEA-LU Earmark 80 % Federal 0 % State 20 % Local | SAFETEA-LU earmark. Demo ID number VT039. Earmark amount \$4 M programmed at 90%. Funds were used for Improvements to I-89 Exit 14 Ramp C and for Staples Lane. \$1,063,982 remains in the earmark. <u>VTrans PM:</u> Earmark |
| OT047 Kennedy Drive Gravel Wetland Retrofit - Pond 2 VTrans Number: | \$66,317 CON | | | | Total: \$317,020 PE: \$53,820 ROW: \$12,000 CON: \$251,200 | | \$17,376 PE/ROW | Stormwater/ Environmental | STP 26 % Federal 54 % State 20 % Local | FY19 Municipal Highway and Stormwater Mitigation Program award (\$83,693 fed, \$169,923 state). <u>VTrans PM:</u> |
| OT044 Kennedy Drive Stormwater Pond 7 Expansion VTrans Number: TAP TA18(7) | \$267,400 CON | | | | Total: \$350,000 PE: \$50,000 ROW: CON: \$300,000 | \$40,108 | \$267,440 CON | Stormwater/ Environmental | STP 74 % Federal 0 % State 26 % Local | 2018 Transportation Alternatives award (\$300,000) <u>VTrans PM:</u> Perrigo, Joel |
| BR058 Kimball Avenue/Marshall Avenue Culvert Scoping VTrans Number: STP MM18(3) | | | | | Total: PE: \$82,800 ROW: CON: | \$36,633 | \$29,607 Scoping | Bridge | STP 80 % Federal 0 % State 20 % Local | Municipal Highway and Stormwater Mitigation Program award <u>VTrans PM:</u> |
| | | | | | | | | | | Funds to be obligated in FY19 |

| CCRPC # Project Location | FY20-23 Federal Funds | | | | Other Project Information | | | | | |
|---|-----------------------|--------------------------------------|------------------|---------------|---|--------------------------------------|----------------------------|--|---|---|
| | FY20 Phase | FY21 Phase | FY22 Phase | FY23 Phase | Total Cost fed+state+local in 2019 Dollars | Fed. Funds Obligated Thru FY18 | FY19 Fed Funds Phase | Project Use Category | Federal Funding Source | Remarks |
| OT046 Lindenwood Drive Close Drainage System and Stormwater Treatment | | \$95,385 CON | | | Total: \$379,467 PE: \$65,700 ROW: CON: \$313,767 | | \$19,973 PE | Stormwater/ Environmental | STP 30 % Federal 50 % State 20 % Local | FY19 Municipal Highway and Stormwater Mitigation Program award (\$115,358 fed, \$188,216 state) |
| VTrans Number: | | | | | | | | | | <u>VTrans PM:</u> |
| HC010B Market Street Reconstruction | | | | | Total: \$7,167,000 PE: \$2,000,000 ROW: \$170,000 CON: \$4,997,000 | \$1,086,924 | \$2,500,000 CON | New Facility/ Major Roadway Upgrade | SAFETEA-LU Earmark 80 % Federal 0 % State 20 % Local | Demo ID number VT058. Earmark amount \$5 M programmed at 90%. Balance of PE to come from STP Earmark (Project HC010A). |
| Transportation Improvements VTrans Number: STP 5200(17) | | Funds to be obligated in FY19 | | | | | | | | <u>VTrans PM:</u> Perrigo, Joel |
| OT029 Picard Circle Stormwater Improvements | | | | | Total: \$358,933 PE: \$65,000 ROW: \$2,000 CON: \$291,933 | \$52,000 | \$235,147 PE/CON | Stormwater/ Environmental | STP 80 % Federal 0 % State 20 % Local | 2017 TA award (\$229,600) to design and construct stormwater infiltration and drainage infrastructure. |
| VTrans Number: TAP TA17(6) | | Funds to be obligated in FY19 | | | | | | | | <u>VTrans PM:</u> Robertson, Scott |
| BR043 VT116 Potash Brook Culvert | | | | | Total: \$2,379,052 PE: \$335,552 ROW: \$5,000 CON: \$2,038,500 | \$1,804,078 | | Bridge | STP 80 % Federal 20 % State 0 % Local | Replace culvert |
| VTrans Number: STP SCR(8) | | Remove | | | | | | | | <u>VTrans PM:</u> Upmal, Ken |
| BP102 Williston Road Cycle Track and Pedestrian Improvements | \$488,000 ROW | | \$108,885 CON | | Total: \$2,412,697 PE: \$253,894 ROW: \$610,049 CON: \$1,548,753 | \$58,108 | \$145,007 PE | Bike/ Pedestrian | STP % Federal % State % Local | New asphalt bike/ped facility on the south side of Williston Road. 2017 Bike&Ped Award (\$800,000). Project to be funded with 50% TIF district financing. |
| Dorset Street to Midas Drive/White Street VTrans Number: STP BP17(9) | | | | | | | | | | <u>VTrans PM:</u> Kaplan, Jon |

| CCRPC # Project Location | FY20-23 Federal Funds | | | | Other Project Information | | | | | |
|--|-----------------------|---------------|---------------|---------------|--|--------------------------------------|----------------------------|-----------------------------------|---|---|
| | FY20 Phase | FY21 Phase | FY22 Phase | FY23 Phase | Total Cost fed+state+local in 2019 Dollars | Fed. Funds Obligated Thru FY18 | FY19 Fed Funds Phase | Project Use Category | Federal Funding Source | Remarks |
| OT043 Woodcrest/Deane Street Stormwater Infiltration and Detention System VTrans Number: TAP TA18(6) | \$233,200 CON | | | | Total: \$255,000 PE: \$15,000 ROW: CON: \$240,000 | \$12,054 | | Stormwater/ Environmental | STP 80 % Federal 0 % State 20 % Local | 2018 Transportation Alternatives award (\$242,000) VTrans PM: Perrigo, Joel |
| St. George | | | | | | | | | | |
| HP134 VT116/VT2A Improvements VTrans Number: STP 021-1(36) | \$100,000 PE | | | | Total: PE: ROW: CON: | \$20,000 | | Safety/Traffic Operations/ ITS | STP 100 % Federal 0 % State 0 % Local | VTrans PM: Coburn, Patti |
| Transit | | | | | | | | | | |
| TR061A GMT Capital - Buses, Facilities and Equipment VTrans Number: | \$2,500,000 | \$3,500,000 | \$3,500,000 | \$3,500,000 | Total: PE: ROW: CON: | | | Transit | FTA Sec. 5339 80 % Federal 10 % State 10 % Local | Federal funds for vehicle replacement past their useful life, facilities, transit technology, shelters, lighting, bike racks and support equipment. Pending award of funds. VTrans PM: Transit |
| TR061C GMT Capital - Buses, Facilities and Equipment VTrans Number: | | | | | Total: PE: ROW: CON: | \$1,450,000 | | Transit | STP Transfer 80 % Federal 10 % State 10 % Local | VTrans PM: Transit |

| CCRPC # Project Location | FY20-23 Federal Funds | | | | Other Project Information | | | | | |
|---|-----------------------|---------------|---------------|---------------|--|--------------------------------------|----------------------------|-------------------------|---|--|
| | FY20 Phase | FY21 Phase | FY22 Phase | FY23 Phase | Total Cost fed+state+local in 2019 Dollars | Fed. Funds Obligated Thru FY18 | FY19 Fed Funds Phase | Project Use Category | Federal Funding Source | Remarks |
| TR078 GMT Capital - Facility and Bus Heavy Repairs | \$330,000 | \$340,000 | \$350,000 | \$360,000 | Total: PE: ROW: CON: | | \$700,000 | Transit | STP Transfer 80 % Federal 10 % State 10 % Local | Facility and bus PM such as HVAC, energy efficiency, roof, doors, lifts, engines, transmissions, floors, radiators. Pending award of funds to GMT. |
| VTrans Number: | | | | | | | | | | <u>VTrans PM:</u> Transit |
| TR076 GMT Capital - Fare Payment System Improvement | | \$500,000 | \$500,000 | \$500,000 | Total: PE: ROW: CON: | | | Transit | STP Transfer 80 % Federal 10 % State 10 % Local | Improved fare payment system. Pending award of funds to GMT. |
| VTrans Number: | | | | | | | | | | <u>VTrans PM:</u> Transit |
| TR003A GMT Capital - Federal | \$50,000 | \$50,000 | \$50,000 | \$50,000 | Total: PE: ROW: CON: | | \$50,000 | Transit | FTA Sec. 5307 80 % Federal 10 % State 10 % Local | Federal formula funds. |
| VTrans Number: | | | | | | | | | | <u>VTrans PM:</u> Transit |
| TR003B GMT Capital - Federal | \$200,000 | \$206,000 | \$212,180 | \$318,545 | Total: PE: ROW: CON: | | \$175,929 | Transit | FTA Sec. 5339 - Urban Allocation 80 % Federal 10 % State 10 % Local | Federal Bus and Bus Facility Program. |
| VTrans Number: | | | | | | | | | | <u>VTrans PM:</u> Transit |
| TR072 GMT ITS System | | \$100,000 | \$150,000 | \$150,000 | Total: PE: ROW: CON: | | | Transit | STP Transfer 80 % Federal 10 % State 10 % Local | Phase in of additional ITS products. Pending award of funds to GMT. |
| VTrans Number: | | | | | | | | | | <u>VTrans PM:</u> Transit |

| CCRPC # Project Location | FY20-23 Federal Funds | | | | Other Project Information | | | | | |
|---------------------------------------|-----------------------|---------------|---------------|---------------|--|--------------------------------------|----------------------------|-------------------------|---|---|
| | FY20 Phase | FY21 Phase | FY22 Phase | FY23 Phase | Total Cost fed+state+local in 2019 Dollars | Fed. Funds Obligated Thru FY18 | FY19 Fed Funds Phase | Project Use Category | Federal Funding Source | Remarks |
| TR079C GMT Mobility Management | \$77,250 | \$79,568 | \$81,955 | \$84,414 | Total: PE: ROW: CON: | | \$75,000 | Transit | FTA Sec. 5310 Urbanized Allocation 80 % Federal 10 % State 10 % Local | Mobility management. Pending award of funds to GMT. <u>VTrans PM:</u> Transit |
| TR002 GMT Operating - Federal | \$2,800,000 | \$2,900,000 | \$3,000,000 | \$3,090,000 | Total: PE: ROW: CON: | | \$3,500,000 | Transit | FTA Sec. 5307 50 % Federal 0 % State 50 % Local | Federal formula portion only. Matching funds provided by VTrans and GMT. Includes JARC and CMAQ replacement funds. <u>VTrans PM:</u> Transit |
| TR030B GMT Operation | \$302,800 | \$310,834 | \$319,109 | \$328,682 | Total: PE: ROW: CON: | | \$260,000 | Transit | Transfer from 5311 to 5307 50 % Federal 50 % State 0 % Local | Pending award of funds to GMT. <u>VTrans PM:</u> Transit |
| TR063 GMT Passenger Amenities | | \$100,000 | \$100,000 | \$100,000 | Total: PE: ROW: CON: | | | Transit | STP Transfer 80 % Federal 10 % State 10 % Local | Funding for passenger amenities. Pending award of funds to GMT. <u>VTrans PM:</u> Transit |
| TR046 GMT Preventative Maintenance | \$1,830,000 | \$1,885,000 | \$1,941,550 | \$2,000,000 | Total: PE: ROW: CON: | | \$1,777,000 | Transit | STP Transfer 80 % Federal 0 % State 20 % Local | Pending award of funds to GMT. <u>VTrans PM:</u> Transit |

| CCRPC # Project Location | FY20-23 Federal Funds | | | | Other Project Information | | | | | |
|--|-----------------------|---------------|---------------|---------------|--|--------------------------------------|----------------------------|-------------------------|---|---|
| | FY20 Phase | FY21 Phase | FY22 Phase | FY23 Phase | Total Cost fed+state+local in 2019 Dollars | Fed. Funds Obligated Thru FY18 | FY19 Fed Funds Phase | Project Use Category | Federal Funding Source | Remarks |
| TR089 GMT Service - Barre Link Bus Service VTrans Number: | \$110,000 | \$113,300 | \$116,699 | | Total: PE: ROW: CON: | | | Transit | CMAQ 80 % Federal 20 % State 0 % Local | Service between Burlington and Barre with stops in Richmond and Waterbury. <u>VTrans PM:</u> Transit |
| TR054(4)-S GMT Service - Burlington- Montpelier Inter-Regional Bus Service Burlington-Montpelier VTrans Number: | \$37,000 | \$38,110 | \$39,253 | \$40,431 | Total: PE: ROW: CON: | | \$31,000 | Transit | CMAQ 80 % Federal 0 % State 20 % Local | Additional trip at 4 pm on Burlington-Montpelier link due to standees. Pending award of funds to GMT. Funding is shown in year prior to service year to accommodate application review time. <u>VTrans PM:</u> Transit |
| TR085-S GMT Service - Essex Evening Essex VTrans Number: | \$35,000 | \$36,050 | \$37,132 | \$38,245 | Total: PE: ROW: CON: | | \$37,132 | Transit | CMAQ 80 % Federal 0 % State 20 % Local | Pending award of funds to GMT. Funding is shown in year prior to service year to accommodate application review time. <u>VTrans PM:</u> Transit |
| TR067-S GMT Service - Hinesburg Route Hinesburg Route VTrans Number: | \$73,000 | \$75,190 | \$77,446 | \$79,769 | Total: PE: ROW: CON: | | \$69,277 | Transit | CMAQ 80 % Federal 0 % State 20 % Local | Pending award of funds to GMT. Funding is shown in year prior to service year to accommodate application review time. <u>VTrans PM:</u> Transit |
| TR074-S GMT Service - Milton Route Milton VTrans Number: | \$173,000 | \$178,190 | \$183,536 | \$189,042 | Total: PE: ROW: CON: | | \$175,049 | Transit | CMAQ 80 % Federal 0 % State 20 % Local | Pending award of funds to GMT. Funding is shown in year prior to service to accommodate application review time. <u>VTrans PM:</u> Transit |

| CCRPC # Project Location | FY20-23 Federal Funds | | | | Other Project Information | | | | | |
|---|-----------------------|---------------|---------------|---------------|--|--------------------------------------|----------------------------|-------------------------|--|---|
| | FY20 Phase | FY21 Phase | FY22 Phase | FY23 Phase | Total Cost fed+state+local in 2019 Dollars | Fed. Funds Obligated Thru FY18 | FY19 Fed Funds Phase | Project Use Category | Federal Funding Source | Remarks |
| TR064-S GMT Service - US2 Corridor | \$810,000 | \$834,300 | \$859,329 | \$885,109 | Total: PE: ROW: CON: | | \$761,969 | Transit | CMAQ | Pending award of funds to GMT. Funding is shown in year prior to service year to accommodate application review time. |
| US2 VTrans Number: | | | | | | | | | 80 % Federal 0 % State 20 % Local | <u>VTrans PM:</u> Transit |
| TR088A Innovative Improvements - Fleet, Facility and Equipment | | | \$5,000,000 | | Total: PE: ROW: CON: | | | Transit | FTA Sec. 5312 | Transportation Improvement Generating Economic Recovery (TIGER) grant. Pending award of funds. |
| VTrans Number: | | | | | | | | | 80 % Federal 10 % State 10 % Local | <u>VTrans PM:</u> Transit |
| TR088B Innovative Improvements - Fleet, Facility and Equipment | | \$1,000,000 | \$1,000,000 | | Total: PE: ROW: CON: | | | Transit | FTA Sec. 5339 | Renovations to the facility at 1 Industrial Parkway, Burlington. |
| VTrans Number: | | | | | | | | | 80 % Federal 10 % State 10 % Local | <u>VTrans PM:</u> Transit |
| TR004 Paratransit Rolling Stock - ADA | \$135,000 | \$263,960 | \$131,840 | \$139,960 | Total: PE: ROW: CON: | | \$286,800 | Transit | FTA Sec. 5310/ STP Transfer | Replacement and expansion of sedan, cutaway and van fleet. Funding pending award of funds. |
| VTrans Number: | | | | | | | | | 80 % Federal 10 % State 10 % Local | <u>VTrans PM:</u> Transit |
| TR060A Paratransit Rolling Stock - Elderly & Disabled | \$270,000 | \$271,920 | \$420,116 | \$72,120 | Total: PE: ROW: CON: | | \$501,900 | Transit | VT. Sec. 5310 | Replacement and expansion of sedan, cutaway and van fleet. Funding pending award. |
| VTrans Number: | | | | | | | | | 80 % Federal 10 % State 10 % Local | <u>VTrans PM:</u> Transit |

| CCRPC # Project Location | FY20-23 Federal Funds | | | | Other Project Information | | | | | |
|--------------------------------|-----------------------|---------------|---------------|---------------|--|--------------------------------------|----------------------------|-------------------------|---------------------------|---------|
| | FY20 Phase | FY21 Phase | FY22 Phase | FY23 Phase | Total Cost fed+state+local in 2019 Dollars | Fed. Funds Obligated Thru FY18 | FY19 Fed Funds Phase | Project Use Category | Federal Funding Source | Remarks |

| | | | | | | | | | | |
|--|----------|----------|----------|----------|--------|--|----------|---------|--------------|---|
| TR080 Paratransit Scheduling Software and Hardware | \$50,000 | \$50,000 | \$50,000 | \$50,000 | Total: | | \$50,000 | Transit | STP Transfer | Maintenance and licensing fees. Funds awarded to VTrans. Pending award of funds to GMT. |
| VTrans Number: | | | | | PE: | | | | 80 % Federal | |
| | | | | | ROW: | | | | 20 % State | |
| | | | | | CON: | | | | 0 % Local | |
| | | | | | | | | | | VTrans PM: Transit |

Underhill

| | | | | | | | | | | | |
|---|--|--|--|--|--------|-----------|----------|-----------|---------------------|--------------|---|
| BP077 VT15/Underhill Flats Sidewalks | | | | | Total: | \$458,500 | \$79,864 | \$288,000 | Bike/ Pedestrian | STP | 2013 Bike/Ped Grant (\$347,022) for construction of 2,640 feet of sidewalk along VT15 from Park St. to Dumas. |
| VTrans Number: STP BP13(5) | | | | | PE: | \$72,500 | | CON | | | |
| | | | | | ROW: | \$26,000 | | | | 80 % Federal | |
| | | | | | CON: | \$360,000 | | | | 10 % State | |
| | | | | | | | | | | 10 % Local | |
| | | | | | | | | | | | VTrans PM: Kaplan, Jon |

Underhill-Westford-Cambridge

| | | | | | | | | | | | |
|--|--------------------|--------------------|--|--|--------|--------------|-----------|--|--------|--------------|---|
| HP136 VT15 Paving | \$1,000,000 CON | \$3,212,000 CON | | | Total: | \$10,955,000 | \$281,080 | | Paving | STP | 40 percent of project length in Chittenden County |
| MM 4.351 (Underhill) to MM 5.01 (Cambridge) | | | | | PE: | \$425,000 | | | | | |
| VTrans Number: STP PS19(11) | | | | | ROW: | | | | | 80 % Federal | |
| | | | | | CON: | \$10,530,000 | | | | 20 % State | |
| | | | | | | | | | | 0 % Local | |
| | | | | | | | | | | | VTrans PM: Kipp, Brandon |

Williston

| | | | | | | | | | | | |
|--|--|--|--|--|--------|----------|--|----------|------------------------------|--------------|---|
| OT045 Allen Brook Watershed Culverts Scoping Study | | | | | Total: | \$30,000 | | \$15,000 | Stormwater/ Environmental | STP | 2018 Transportation Alternatives award (\$15,000) |
| VTrans Number: TAP TA18(8) | | | | | PE: | | | Scoping | | | |
| | | | | | ROW: | | | | | 50 % Federal | |
| | | | | | CON: | | | | | 0 % State | |
| | | | | | | | | | | 50 % Local | |
| | | | | | | | | | | | VTrans PM: |

| CCRPC # Project Location | FY20-23 Federal Funds | | | | Other Project Information | | | | | |
|--|-----------------------|---------------|---------------|---------------|--|--------------------------------------|----------------------------|--|---|--|
| | FY20 Phase | FY21 Phase | FY22 Phase | FY23 Phase | Total Cost fed+state+local in 2019 Dollars | Fed. Funds Obligated Thru FY18 | FY19 Fed Funds Phase | Project Use Category | Federal Funding Source | Remarks |
| BP103 Blair Park Road Sidewalk Loop Connection | \$184,800 CON | | | | Total: \$332,000 PE: \$75,000 ROW: \$17,000 CON: \$240,000 | \$30,054 | \$4,000 ROW | Bike/ Pedestrian | STP 80 % Federal 0 % State 20 % Local | 2017 Bike&Ped Award (\$225,760) to construct a 5- foot concrete sidewalk. |
| VTrans Number: STP BP17(12) | | | | | | | | | | |
| HC016A I-89 Exit 12 Improvements - Stage 1 | | | | | Total: \$2,240,000 PE: \$200,000 ROW: \$40,000 CON: \$2,000,000 | \$162,160 | | New Facility/ Major Roadway Upgrade | NHPP/STP 80 % Federal 20 % State 0 % Local | CIRC Alt Phase III project. New shared use path under I-89 and additional lane on VT2A to I-89 NB ramp. |
| VTrans Number: NH 5500(18) CIRC Alternative Project - CON schedule to be determined | | | | | | | | | | |
| HC016B I-89 Exit 12 Improvements - Stage 2 | | | | | Total: \$8,500,000 PE: ROW: CON: | | | New Facility/ Major Roadway Upgrade | NHPP/STP % Federal % State % Local | CIRC Alt Phase III project. New grid streets and at- grade intersection on VT2A. |
| VTrans Number: NH 5500() CIRC Alternative Project - Funding schedule to be determined | | | | | | | | | | |
| HC016C I-89 Exit 12 Improvements - Stage 3 | | | | | Total: \$21,000,000 PE: ROW: CON: | | | New Facility/ Major Roadway Upgrade | NHPP/STP % Federal % State % Local | CIRC Alt Phase III project. Diverging diamond interchange |
| VTrans Number: NH 5500() CIRC Alternative Project - Funding schedule to be determined | | | | | | | | | | |
| HC016D I-89 Exit 12 Improvements - Stage 4 | | | | | Total: PE: ROW: CON: | | | New Facility/ Major Roadway Upgrade | NHPP/STP % Federal % State % Local | CIRC Alt Phase III project. VT 2A boulevard upgrade from grid street intersection to Taft Corners |
| VTrans Number: NH 5500() CIRC Alternative Project - Funding schedule to be determined | | | | | | | | | | |

| CCRPC # Project Location | FY20-23 Federal Funds | | | | Other Project Information | | | | | |
|--|---|--------------------|------------------|---------------|---|--------------------------------------|----------------------------|------------------------------------|--|--|
| | FY20 Phase | FY21 Phase | FY22 Phase | FY23 Phase | Total Cost fed+state+local in 2019 Dollars | Fed. Funds Obligated Thru FY18 | FY19 Fed Funds Phase | Project Use Category | Federal Funding Source | Remarks |
| OT030 Lamplite Acres Drainage Improvements | | | | | Total: \$420,682 PE: \$75,000 ROW: \$15,000 CON: \$330,682 | \$297,916 | \$228,000 CON | Stormwater/ Environmental | STP 80 % Federal 0 % State 20 % Local | 2017 TA award (\$300,000) to design and construct critical drainage areas. <u>VTrans PM:</u> Perrigo, Joel |
| VTrans Number: TAP TA17(8) | Funds to be obligated in FY19 | | | | | | | | | |
| HP122 Mountain View Road Shoulder Improvements | | | | | Total: \$3,500,000 PE: ROW: CON: | | | Roadway Corridor Improvement | STP 80 % Federal 20 % State 0 % Local | CIRC Alt Phase III project. Shoulder improvements for bike/ped use. Project includes shoulders on Redmond Road to IBM Road. <u>VTrans PM:</u> CIRC Alternative |
| VTrans Number: | CIRC Alternative Project - Funding schedule to be determined | | | | | | | | | |
| HP138 US2 Paving | | | | | Total: \$1,748,574 PE: \$172,000 ROW: CON: \$1,576,574 | | \$1,540,000 CON | Paving | STP 80 % Federal 20 % State 0 % Local | Mile marker 1.560 - 3.850 <u>VTrans PM:</u> Kipp, Brandon |
| Boxwood Street to North Williston Road VTrans Number: STP FPAV(10) | Funds to be obligated in FY19 | | | | | | | | | |
| BP079 US2 Shared Use Path - Taft Corners to Williston Village | | | | | Total: \$2,800,000 PE: ROW: CON: | | | Bike/ Pedestrian | STP 80 % Federal 20 % State 0 % Local | CIRC Alt Phase III project. <u>VTrans PM:</u> CIRC Alternative |
| VTrans Number: | CIRC Alternative Project - Funding schedule to be determined | | | | | | | | | |
| HP010 US2/Industrial Avenue Intersection | \$500,000 CON | \$2,500,000 CON | \$840,000 CON | | Total: \$6,740,000 PE: \$980,000 ROW: \$960,000 CON: \$4,800,000 | \$926,430 | \$720,000 ROW | Safety/Traffic Operations/ IIS | STP 80 % Federal 20 % State 0 % Local | Reconstruction of intersection and resurfacing of US2 from S. Burlington line east 1.5 miles. <u>VTrans PM:</u> Martin, Bruce |
| VTrans Number: STP M 5500(7)S | | | | | | | | | | |

| CCRPC # Project Location | FY20-23 Federal Funds | | | | Other Project Information | | | | | | |
|--|---|---------------|---------------|------------------|--|--------------------------------------|----------------------------|------------------------------------|--|---|---------------------------------------|
| | FY20 Phase | FY21 Phase | FY22 Phase | FY23 Phase | Total Cost fed+state+local in 2019 Dollars | Fed. Funds Obligated Thru FY18 | FY19 Fed Funds Phase | Project Use Category | Federal Funding Source | Remarks | |
| HP109 US2/Trader Lane Traffic Signal | | | | | Total: \$484,922 PE: \$36,282 ROW: CON: \$448,640 | \$250,000 | | Safety/ Traffic Operations/ ITS | STP 0 % Federal 100 % State 0 % Local | CIRC Alternatives Phase II implementation project. To be funded with state funds. Construction in FY20. | |
| VTrans Number: STPG 5500(14) | CIRC Alternative Project - CON in FY19 - State funds only | | | | | | | | | | VTrans PM: Parizo, Erin |
| BR057 VT2A Culvert | \$256,250 CON | | | | Total: \$375,000 PE: \$60,000 ROW: \$15,000 CON: \$300,000 | | | Bridge | STP 80 % Federal 20 % State 0 % Local | | |
| South of Helena Drive VTrans Number: STP SCR(17) | | | | | | | | | | | VTrans PM: Upmal, Ken |
| BP101 VT2A Infill Sidewalk, South of Taft Corners - West Side | | | | | Total: \$174,000 PE: \$62,000 ROW: \$12,000 CON: \$100,000 | \$72,000 | | Bike/ Pedestrian | STP 80 % Federal 0 % State 20 % Local | CCRPC Sidewalk grants - FY15 - \$75,000, FY16 - \$41,866. | |
| VTrans Number: STP SDWK(21) | Funds to be obligated in FY18 | | | | | | | | | | VTrans PM: Perrigo, Joel |
| BP080 VT2A Taft Corners Area Sidewalk/Shared Use Path | | | | | Total: \$450,000 PE: ROW: CON: | | | Bike/ Pedestrian | STP 80 % Federal 20 % State 0 % Local | CIRC Alt Phase III project. Project to fill gaps south of US2 and between Knight Ln and O'Brien Ct. | |
| VTrans Number: | CIRC Alternative Project - Funding schedule to be determined | | | | | | | | | | VTrans PM: CIRC Alternative |
| HP123 VT2A/Industrial Avenue/Mountain View Road Intersection Improvements | \$50,000 ROW | | | \$500,000 CON | Total: \$4,389,461 PE: \$450,000 ROW: \$50,000 CON: \$3,889,461 | \$200,000 | \$250,000 PE | Safety/ Traffic Operations/ ITS | STP 100 % Federal 0 % State 0 % Local | CIRC Alt Phase III project. Project includes new two- way left-turn lane between Industrial Ave and River Cove Rd. Includes \$2M in FY24 and \$1.4M in FY25. | |
| VTrans Number: STP 5500(17) | CIRC Alternative Project | | | | | | | | | | VTrans PM: LaCroix, Mike |

| CCRPC # Project Location | FY20-23 Federal Funds | | | | Other Project Information | | | | | |
|--------------------------------|-----------------------|---------------|---------------|---------------|--|--------------------------------------|----------------------------|-------------------------|---------------------------|---------|
| | FY20 Phase | FY21 Phase | FY22 Phase | FY23 Phase | Total Cost fed+state+local in 2019 Dollars | Fed. Funds Obligated Thru FY18 | FY19 Fed Funds Phase | Project Use Category | Federal Funding Source | Remarks |

| | | | | | | | | | | |
|---|---|--|--|--|---|-------------|--------------------|------------------------------------|--|--|
| HP090 VT2A/James Brown Drive Traffic Signal | | | | | Total: \$3,534,000 PE: \$655,000 ROW: \$450,000 CON: \$2,429,000 | \$1,900,000 | \$1,663,422 CON | Safety/ Traffic Operations/ ITS | STP 100 % Federal 0 % State 0 % Local | CIRC Alt Phase I project. Traffic signal at James Brown Drive with pedestrian phasing and crosswalks, two-way left- turn lane from River Cove Rd. to Eastview Dr., sidewalk on east side of VT2A. <u>VTTrans PM:</u> Parizo, Erin |
| VTTrans Number: STP HES 5500(12) | CIRC Alternative Project - Funds to be obligated in FY19 | | | | | | | | | |

| | | | | | | | | | | |
|---|--------------------|--|--|--|---|-------------|--------------------|------------|---|--|
| IN004A Williston Park and Ride | \$2,300,000 CON | | | | Total: \$4,425,000 PE: \$875,000 ROW: \$1,250,000 CON: \$2,300,000 | \$2,378,000 | \$2,300,000 CON | Intermodal | CMAQ 100 % Federal 0 % State 0 % Local | Construct park and ride lot near I-89 Exit 12. <u>VTTrans PM:</u> Bohl, Tina |
| New park and ride lot south of I-89 VTTrans Number: CMG PARK(29) | | | | | | | | | | |

Winooski

| | | | | | | | | | | |
|--|-----------------|------------------|-----|--|---|--|--|--------|--|--|
| HP145 Class I Concrete Pavement Repair, US7 and West Allen Street | \$120,000 PE | \$800,000 CON | | | Total: \$1,150,000 PE: \$150,000 ROW: CON: \$1,000,000 | | | Paving | STP 80 % Federal 20 % State 0 % Local | <u>VTTrans PM:</u> Bogaczyk, Matthew |
| VTTrans Number: NH PC21(2) | | | New | | | | | | | |

| | | | | | | | | | | |
|---------------------------------------|-----------------|--|--------------------|--|---|--|--|--------|--|--|
| HP146 Class I Paving, US7 and VT15 | \$200,000 PE | | \$1,600,000 CON | | Total: \$2,250,000 PE: \$250,000 ROW: CON: \$2,000,000 | | | Paving | STP 80 % Federal 20 % State 0 % Local | <u>VTTrans PM:</u> Bogaczyk, Matthew |
| VTTrans Number: NH PC22(2) | | | New | | | | | | | |

| CCRPC # Project Location | FY20-23 Federal Funds | | | | Other Project Information | | | | | |
|--|------------------------|-------------------------|---------------|---------------|---|--------------------------------------|----------------------------|-------------------------|---|---|
| | FY20 Phase | FY21 Phase | FY22 Phase | FY23 Phase | Total Cost fed+state+local in 2019 Dollars | Fed. Funds Obligated Thru FY18 | FY19 Fed Funds Phase | Project Use Category | Federal Funding Source | Remarks |
| BP099 Gateways Crosswalk Enhancements Five Intersections VTrans Number: TAP TA17(2) | | \$219,104 CON | | | Total: \$369,500 PE: \$5,000 ROW: \$2,500 CON: \$362,000 | | \$4,000 ROW | Bike/ Pedestrian | STP 80 % Federal 0 % State 20 % Local | 2017 TA award (\$289,000) to construct enhanced crosswalk treatments at five locations: Main/ Normand; Main/ Burling; Main/ LaFountain/ Stevens; Main/ Union/ Platt; Malletts Bay/ Elm/ St Peter. <u>VTrans PM:</u> Kaplan, Jon |
| RR011 Malletts Bay Rail Crossing Improvements VTrans Number: STP 5100(14) | \$76,500 CON | | | New | Total: PE: ROW: CON: | | | Rail | Section 130 Rail Grade Crossing 90 % Federal 10 % State 0 % Local | <u>VTrans PM:</u> Libby, Paul |

Section 3: Summary of Funding Amounts

CCRPC FY2020-2023 TIP Funding by Project Use Category

| <i>Funding Uses</i> | FY20 Federal Funds | FY21 Federal Funds | FY22 Federal Funds | FY23 Federal Funds |
|-------------------------------------|---------------------------|---------------------------|---------------------------|---------------------------|
| Aviation | \$13,177,778 | \$9,000,000 | \$6,111,111 | \$6,702,000 |
| Bridge Preservation | \$9,948,930 | \$6,068,973 | \$1,420,000 | \$500,000 |
| Intermodal | \$2,300,000 | | | |
| New Facility/ Major Roadway Upgrade | \$17,090,001 | \$13,066,361 | \$9,885,102 | \$18,000,000 |
| New Sidewalks and Paths | \$2,702,806 | \$1,427,006 | \$386,885 | \$70,000 |
| Paving | \$10,170,213 | \$5,802,000 | \$8,090,000 | \$90,000 |
| Rail | \$1,033,000 | | | |
| Roadway Corridor Improvements | \$500,000 | \$4,700,000 | \$2,850,000 | |
| Safety/ Traffic Operations/ ITS | \$7,599,742 | \$6,361,000 | \$12,434,606 | \$7,966,000 |
| Stormwater/ Environmental | \$2,079,288 | \$911,008 | | |
| Transit | \$9,783,050 | \$12,832,422 | \$18,120,145 | \$11,976,317 |
| Total | \$76,384,808 | \$60,168,770 | \$59,297,849 | \$45,304,317 |

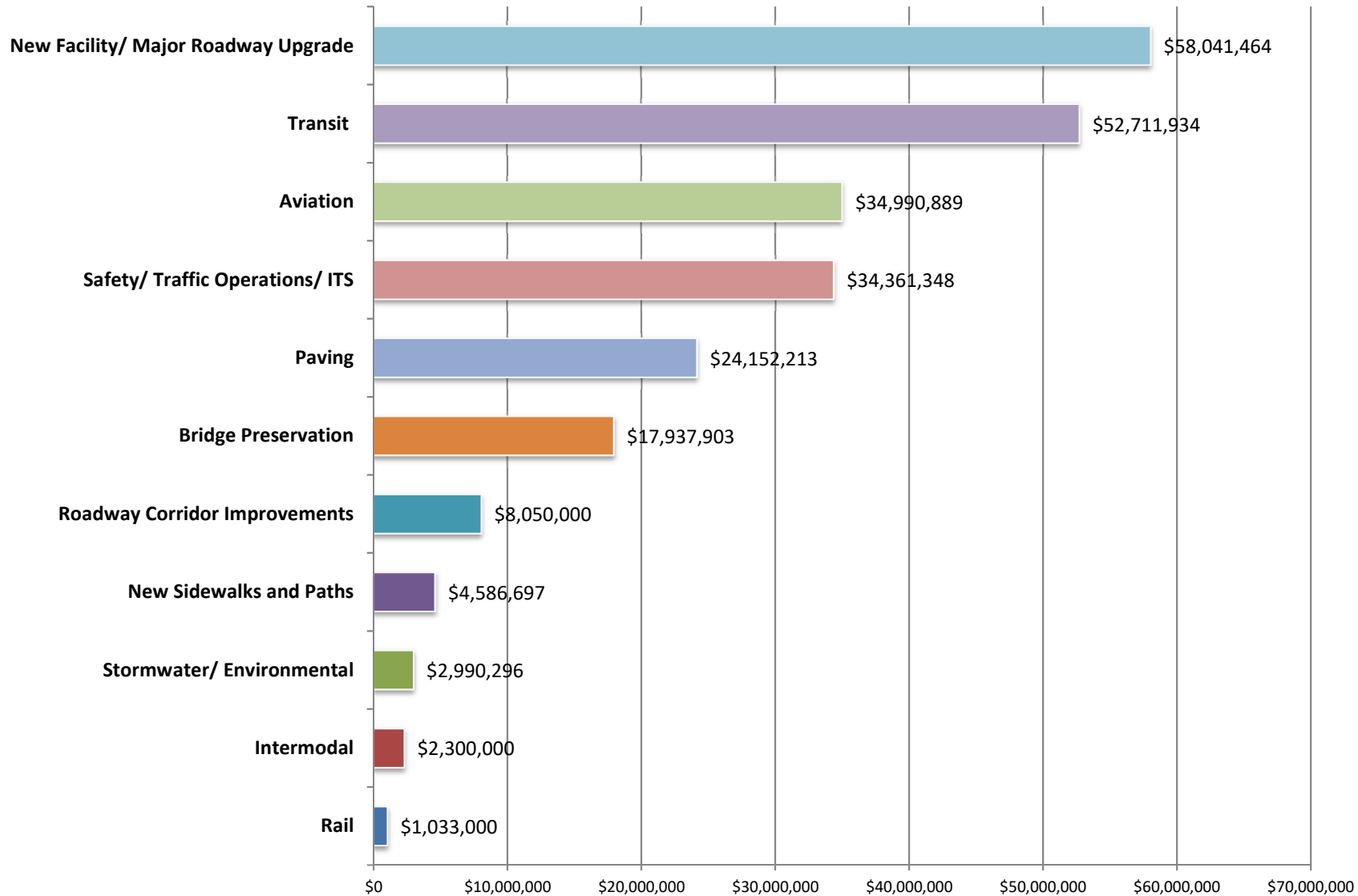
Note: Many of the projects listed in the categories Safety/ Traffic Operations/ ITS, Roadway Corridor Improvements, New Facility/ Major Roadway Upgrade, and Paving also include improvements to bicycle and/or pedestrian facilities.

CCRPC FY2020-2023 TIP Funding by Federal Funding Source and Constraint Status

| <i>Federal Funding Sources and Constraint Status</i> | FY20 | FY21 | FY22 | FY23 |
|---|---------------------|---------------------|---------------------|---------------------|
| FHWA Constrained Funds | | | | |
| National Highway Preservation Program (NHPP) | \$520,000 | \$800,000 | \$1,600,000 | |
| Surface Transportation Program (STP) | \$23,341,724 | \$19,013,361 | \$23,447,227 | \$19,645,000 |
| To Be Determined (NHPP or STP) | \$840,000 | \$840,000 | \$840,000 | \$840,000 |
| Park and Ride | \$2,300,000 | | | |
| FHWA Constrained Total | \$27,001,724 | \$20,653,361 | \$25,887,227 | \$20,485,000 |
| FHWA Non-Constrained Funds | | | | |
| National Highway Preservation Program (NHPP) | \$13,725,180 | \$5,948,973 | | |
| STP CIRC Alternatives Phase I and Phase II Projects | \$4,000,000 | \$3,414,056 | \$676,481 | \$3,650,000 |
| VTrans Bike/Ped, Transportation Alternatives, or Stormwater Grant | \$4,112,094 | \$1,783,958 | \$316,885 | |
| Local Transportation Assistance Program (LTAP) | \$16,000 | \$16,000 | \$16,000 | \$16,000 |
| Section 130 Rail Grade Crossing | \$1,305,000 | | | |
| Modificatons and Overruns (NHPP or STP) | \$500,000 | \$500,000 | \$500,000 | \$500,000 |
| FHWA Non-Constrained Total | \$23,658,274 | \$11,662,987 | \$1,509,366 | \$4,166,000 |
| FHWA Transfer to FTA | | | | |
| Congestion, Mitigation, Air Quality (CMAQ) | \$1,238,000 | \$1,275,140 | \$1,313,395 | \$1,232,596 |
| STP Transfer | \$2,295,000 | \$3,188,960 | \$3,173,390 | \$3,249,960 |
| FHWA Transfer to FTA Total | \$3,533,000 | \$4,464,100 | \$4,486,785 | \$4,482,556 |
| Federal Earmark or Grant Funds | | | | |
| SAFETEA-LU Earmark | \$1,063,982 | | | |
| Regional Recreational Trails | \$70,000 | \$70,000 | \$70,000 | \$70,000 |
| TIGER | \$880,000 | | | |
| Safety | \$750,000 | \$5,950,000 | \$7,600,000 | \$1,905,000 |
| Earmark or Grant Total | \$2,763,982 | \$6,020,000 | \$7,670,000 | \$1,975,000 |
| Federal Transit Administration (FTA) Funds | | | | |
| FTA Section 5307 | \$2,850,000 | \$2,950,000 | \$3,050,000 | \$3,140,000 |
| FTA Section 5309 | \$50,000 | \$50,000 | \$50,000 | \$50,000 |
| FTA Section 5310 | \$77,250 | \$79,568 | \$81,955 | \$84,414 |
| FTA Section 5312 | | | \$5,000,000 | |
| FTA Section 5339 | \$2,700,000 | \$4,706,000 | \$4,712,180 | \$3,818,545 |
| Elderly & Disabled Transportation | \$270,000 | \$271,920 | \$420,116 | \$72,120 |
| Transfer from FTA 5311 to FTA 5307 | \$302,800 | \$310,834 | \$319,109 | \$328,682 |
| FTA Funds | \$6,250,050 | \$8,368,322 | \$13,633,360 | \$7,493,761 |
| Airport Improvement Program (AIP) | \$13,177,778 | \$9,000,000 | \$6,111,111 | \$6,702,000 |
| Total AIP | \$13,177,778 | \$9,000,000 | \$6,111,111 | \$6,702,000 |
| CCRPC TIP TOTAL | \$76,384,808 | \$60,168,770 | \$59,297,849 | \$45,304,317 |



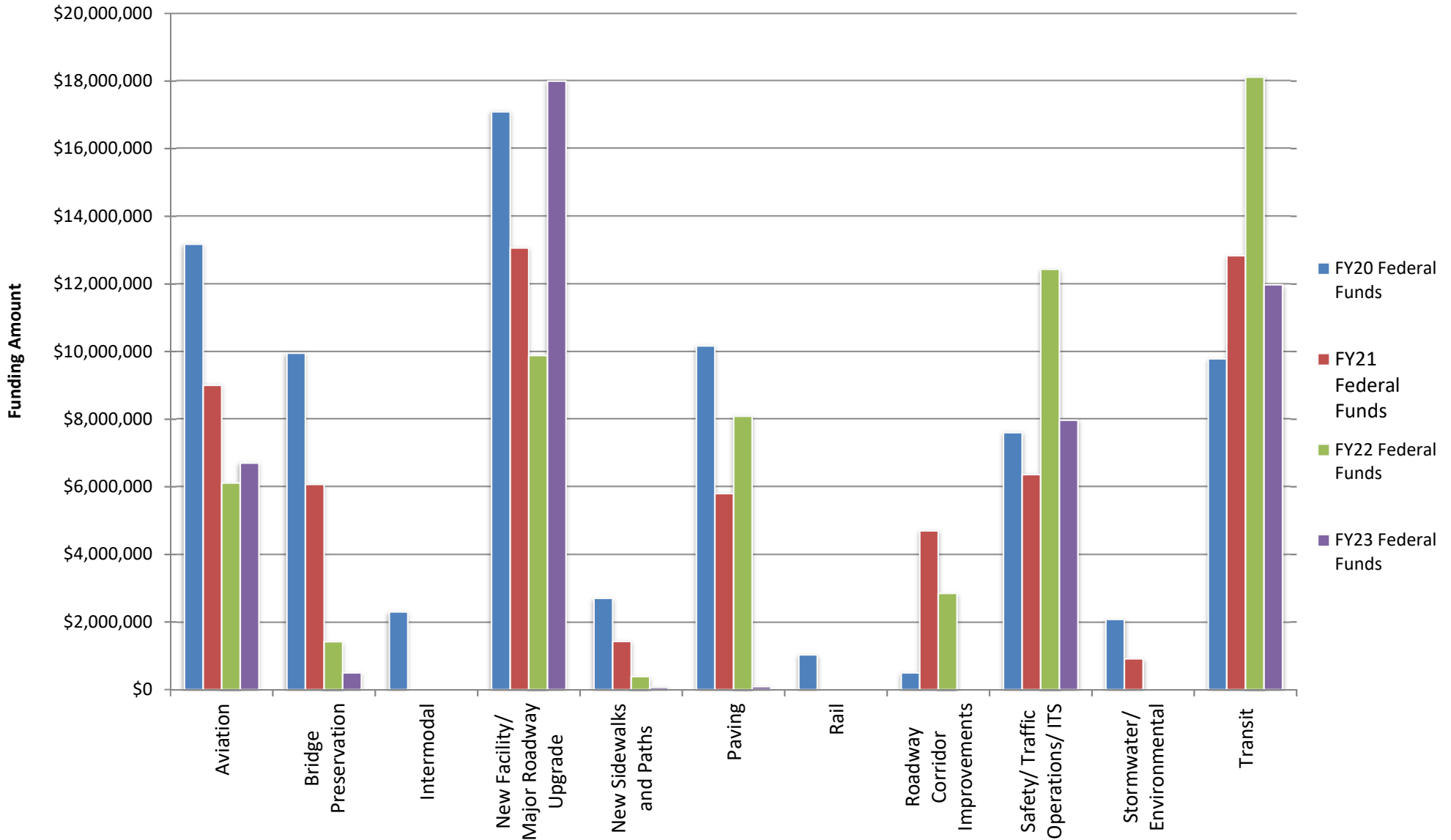
CCRPC FY2020-2023 TIP Federal Funds Programmed by Project Use Category



Note: Many of the projects listed in the categories Safety/ Traffic Operations/ ITS, Roadway Corridor Improvements, New Facility/ Major Roadway Upgrade, and Paving also include improvements to bicycle and/or pedestrian facilities



CCRPC FY2020-2023 TIP: Funding Uses By Year



Note: Many projects listed in the categories Safety/Traffic Operations/ITS, Roadway Corridor Improvements, New Facility/Major Roadway Upgrade, and Paving also include improvements to bicycle and/or pedestrian facilities.



Federal Funds Actually Obligated in Chittenden County

FY2008 - FY2017

Funds by Project Use Category

| <i>Uses</i> | FY08 | FY09 | FY10 | FY11 | FY12 | FY13 | FY14 | FY15 | FY16 | FY17 | Average by Use Category |
|-------------------------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|-------------------------|
| Paving/ Slopes and Ledges | \$8,341,212 | \$13,313,036 | \$2,237,293 | \$6,353,281 | \$11,828,395 | \$16,225,750 | \$2,812,734 | \$2,007,942 | \$5,249,078 | \$16,557,685 | \$8,492,641 |
| Bridge | \$2,488,850 | \$10,944,182 | \$12,281,064 | \$7,650,837 | \$11,048,022 | \$16,156,162 | \$1,502,264 | \$1,449,786 | \$8,178,122 | \$5,747,734 | \$7,744,702 |
| Roadway Corridor Improvements | \$1,521,765 | \$1,487,468 | \$2,733,506 | \$628,220 | \$1,510,070 | \$0 | \$382,700 | \$495,124 | \$6,936,985 | \$7,752,790 | \$2,344,863 |
| Safety/ Traffic Operations/ ITS | \$1,199,838 | \$3,215,327 | \$2,867,711 | \$397,073 | \$3,392,438 | \$1,821,157 | \$5,048,209 | \$1,626,340 | \$2,881,072 | \$8,614,491 | \$3,106,366 |
| New Facility/Major Roadway Upgrades | \$2,708,804 | \$812,706 | \$3,029,669 | \$4,141,480 | \$452,466 | \$190,000 | \$885,830 | \$978,634 | \$1,758,811 | \$2,238,569 | \$1,719,697 |
| New Sidewalks and Paths | \$2,135,276 | \$618,515 | \$6,364,984 | \$3,354,588 | \$3,909,023 | \$1,926,119 | \$2,671,491 | \$1,874,999 | \$1,433,302 | \$1,323,418 | \$2,561,172 |
| Transit | \$8,837,728 | \$6,343,439 | \$4,525,357 | \$7,024,165 | \$6,440,097 | \$6,458,918 | \$5,771,896 | \$8,027,126 | \$7,667,193 | \$8,550,675 | \$6,964,659 |
| Intermodal | \$10,000 | \$340,000 | \$65,000 | \$426,100 | \$2,098,000 | \$830,251 | \$168,800 | \$3,388,000 | \$159,998 | \$674,910 | \$816,106 |
| Stormwater/ Environmental | \$620,120 | \$459,000 | \$0 | \$0 | \$0 | \$2,950,971 | \$1,278,642 | \$0 | \$188,000 | \$490,040 | \$598,677 |
| Rail | \$960,000 | \$20,000 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$98,000 |
| Other | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$1,360,000 | \$0 | \$635,831 | \$1,157,161 | \$315,299 |
| Total | \$28,823,593 | \$37,553,673 | \$34,104,584 | \$29,975,744 | \$40,678,511 | \$46,559,328 | \$21,882,566 | \$19,847,951 | \$35,088,392 | \$53,107,473 | \$34,762,182 |

