



CHITTENDEN COUNTY RPC

Communities Planning Together

Transportation Improvement Program for Fiscal Years 2022-2025

As Adopted

July 21, 2021

Chittenden County Regional Planning Commission
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A. Introduction

The Chittenden County Transportation Improvement Program (TIP) for fiscal years 2022 through 2025 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, 2021 through September 30, 2025).
- ▶ 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 FY22 of \$14,632,653. Revenue sources for transit operations and maintenance are as follows:

Passenger revenue	\$1,124,016
Purchase of service	\$43,939
Local funding	\$3,990,790
State funding	\$2,318,542
Federal grants	\$7,151,416
<u>Misc revenue</u>	<u>\$3,950</u>
Total Revenue	\$14,632,653

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. Safety targets were the first to be established and reported to FHWA by all DOTs and MPOs. VTrans, in collaboration with the CCRPC, established the first statewide safety targets in the summer of 2017 and reported these targets to FHWA in the Highway Safety Improvement Program (HSIP) report. The CCRPC Board acted at their February 2018 meeting to accept those statewide safety targets for the metropolitan planning area. In February 2020, and again in February 2021, the CCRPC Board voted to accept the statewide safety targets set in the 2020 HSIP report for the Metropolitan planning area. 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

Vermont has determined that it has made significant progress towards meeting its 2019 safety performance targets. Vermont met one target, serious injury rate (target-3.9, actual-3.796), but did not meet the remaining four targets, number of fatalities (target-56, actual-60.8), fatality rate

(target-0.8, actual-0.831), serious injuries (target-265, actual-277.8), or non-motorized fatalities and serious injuries (target-35, actual-39.8).

While four safety targets were not met Vermont remains committed to investing in projects that will improve transportation safety. This includes over \$91 million in the FY2022-2025 TIP for improvements at 14 High Crash Locations in the county. The TIP also includes over \$4.3 million for separated paths and sidewalk projects that will improve safety for pedestrian and bicyclists.

Infrastructure Condition – The infrastructure condition performance goal seeks to maintain the highway infrastructure system in a state of good repair. VTrans, in collaboration with the CCRPC, developed the statewide targets for the NHS pavement and bridge measures and these targets were submitted to FHWA on April 30, 2018. The CCRPC Board voted on October 17, 2018, to accept the statewide targets for the NHS pavements and bridges for the MPO area. 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

Vermont provided a Mid Performance Period Progress (MPP) Report in September 2020. In this report all 2-year condition/performance targets were met, and progress is being made towards the 4-year targets.

The FY2022-2025 TIP includes over \$31 million for paving projects and \$12.9 million for bridge preservation projects.

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 performance measures in this category are:

- Interstate NHS Travel Time Reliability
- Non-Interstate NHS Travel Time Reliability
- Interstate NHS Truck Travel Time Reliability Index

VTrans, in collaboration with the CCRPC, developed the statewide targets for NHS travel time reliability for passenger vehicles and freight movements and these targets were submitted to FHWA on May 14, 2018. The CCRPC Board voted at their October 17, 2018, meeting to accept the statewide targets for the MPO area.

In Vermont’s MPP the 2-year targets for these measures were met and progress is being made toward the 4-year targets.

The FY2022-2025 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.

Transit Asset Management – The Federal Transit Administration’s (FTA) Performance Management Program establishes a system to monitor and manage public transportation assets for improved safety, reliability and performance with the goal of maintaining transit assets in a State of Good Repair (SGR). Under this program, every transit agency must develop a transit asset management (TAM) plan if it owns, operates, or manages capital assets used to provide public transportation and receives federal financial assistance. Each TAM Plan should include:

- An outline on how people, processes, and tools come together to address asset management policy and goals
- Provide accountability and visibility for furthering understanding of leveraging asset management practices
- Support planning, budgeting, and communications to internal and external stakeholders

The GMT Board approved the TAM Plan at their meeting on November 20, 2018. The CCRPC Board voted to accept the targets set in GMT’s TAM plan during their September 18, 2019 meeting. The transit performance measures are listed below.

- 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

The FY2022-2025 TIP includes \$61.5 million for transit projects including bus and van replacements, bus facility upgrades and transit services.

CHITTENDEN COUNTY REGIONAL PLANNING COMMISSION
A Resolution to Adopt the FY2022-2025
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, 2021 through September 30, 2025 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 2022-2025 Transportation Improvement Program to the Chittenden County Regional Planning Commission for adoption; and

WHEREAS, the Chittenden County Regional Planning Commission sent notice of availability of the proposed TIP to the eighteen member municipalities for the review and comment period on June 23, 2021; and

WHEREAS, the Chittenden County Metropolitan Planning Organization held a public hearing on Wednesday, July 21, 2021 to review the proposed Transportation Improvement Program after publishing a legal notice in the *Burlington Free Press* on June 25, 2021;

NOW, THEREFORE, BE IT RESOLVED that the Chittenden County Regional Planning Commission, as the Metropolitan Planning Organization, hereby adopts the fiscally constrained 2022-2025 Transportation Improvement Program attached hereto and made a part hereof.

RESOLVED, PASSED AND ADOPTED THIS 21th DAY OF JULY 2021.

CHITTENDEN COUNTY REGIONAL PLANNING COMMISSION

DocuSigned by:

By 9592E38E9FE44EB...

Catherine McMains, 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.
CARES Act	The Coronavirus Aid, Relief, and Economic Security (CARES) Act, signed on March 27, 2020, provides relief funding for individuals, businesses, and government organizations affected by the COVID-19 pandemic.	FTA	Federal Transit Administration. The USDOT agency responsible for public transportation 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 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.
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 5309	FTA program that provides funding to states and transit agencies to replace, rehabilitate and purchase buses and related equipment and to construct bus-related facilities.
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 5310	FTA program that provides formula funding to states and local governments to 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.		

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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. Funding is provided through formula allocations and competitive grants.	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.	Roundabout	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

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

Section 2: FY2022–2025 TIP: Projects by Municipality

2022-2025 CCRPC Transportation Improvement Program

As Adopted - July 21, 2021

CCRPC # Project Location	FY22-25 Federal Funds				Other Project Information					
	FY22 Phase	FY23 Phase*	FY24 Phase*	FY25 Phase*	Total Cost fed+state+local in 2020 Dollars	Fed. Funds Obligated Thru FY20	FY21 Fed Funds Phase	Project Use Category	Federal Funding Source	Remarks
Bolton-Richmond										
BR064 Rehabilitate/ Replace Culverts on US2					Total: \$510,000 PE: \$10,000 ROW: CON: \$500,000		\$510,000 PE/CON	Bridge	COVID Relief Funds 100 % Federal 0 % State 0 % Local	
VTrans Number: STP CULV(86)	Funds to be obligated in FY21									
<u>VTrans PM:</u>										
HP148 US2 Paving	\$962,838 CON	\$7,308,000 CON	\$6,593,440 CON		Total: \$18,853,548 PE: \$650,000 ROW: CON: \$18,203,548	\$324,320	\$160,000 PE	Paving	STP 80 % Federal 20 % State 0 % Local	
Williston Line east 8.2 miles VTrans Number: STP 2924(1)										
<u>VTrans PM:</u> Bogaczyk, Matthew										
Burlington										
RR014 Amtrak Siding					Total: \$1,950,000 PE: \$50,000 ROW: CON: \$1,900,000			Rail	State Funds 0 % Federal 100 % State 0 % Local	Construct a rail siding at the Burlington Rail Yard to overnight the Amtrak train. To be funded with state funds only. CON in State FY21/22.
VTrans Number: VTRY(51)	State funds									
<u>VTrans PM:</u> Libby, Paul										
RR007 Burlington Train Station Platform					Total: \$1,469,038 PE: \$380,000 ROW: \$2,000 CON: \$1,087,038		\$880,000 CON	Rail	TIGER VII 54 % Federal 46 % State 0 % Local	Modify Burlington train station platform to accommodate AMTRAK service.
VTrans Number: PLAT(3)	Funds to be obligated in FY21									
<u>VTrans PM:</u> Grigas, Jared										

* Future project costs escalated at a rate of 1.5% per year.

CCRPC # Project Location	FY22-25 Federal Funds				Other Project Information					
	FY22 Phase	FY23 Phase*	FY24 Phase*	FY25 Phase*	Total Cost fed+state+local in 2020 Dollars	Fed. Funds Obligated Thru FY20	FY21 Fed Funds Phase	Project Use Category	Federal Funding Source	Remarks
HC001A Champlain Parkway - US7 to Main Street US7 to Main Street VTrans Number: MEGC-M 5000(1)	\$5,000,000 CON	\$17,000,000 CON	\$11,250,000 CON		Total: \$37,246,056 PE: \$2,196,056 ROW: \$50,000 CON: \$35,000,000	\$7,732,491	\$6,327,121 CON	New Facility/ Major Roadway Upgrade	STP 95 % Federal 3 % State 2 % Local	PE and ROW included under HC001E. VTrans PM: Deforge, Ande
HP140 Class 1 Paving US2, US7, and US7 Alt VTrans Number: NH PC22(1)	\$4,706,428 CON	\$1,218,000 CON			Total: \$7,683,035 PE: \$300,000 ROW: CON: \$7,383,035	\$202,700		Paving	NHPP 80 % Federal 20 % State 0 % Local	 VTrans PM: Bogaczyk, Matthew
RR015 Intervale Road Rail Crossing Improvements VTrans Number: STP 2035(29)	\$135,000 PE	\$479,588 CON			Total: \$675,000 PE: \$150,000 ROW: CON: \$525,000			Rail Crossing	Section 130 Rail Grade Crossing 90 % Federal 10 % State 0 % Local	 VTrans PM:
HP150 King Street Crossing Improvements VTrans Number: STP 2035(27)	\$503,975 CON				Total: \$1,474,288 PE: \$200,000 ROW: \$20,000 CON: \$1,254,288	\$109,000	\$768,884 PE/ROW/CON	Safety/ Traffic Operations/ ITS	Section 130 Rail Grade Crossing 90 % Federal 10 % State 0 % Local	Project includes improvements to the surface and drainage, addition of active warning system, and preemption of traffic signals. FY21 - \$135,000 PE, \$9,000 ROW, \$624,884 CON VTrans PM: Grigas, Jared
BP114 Lake Street Sidewalk and Stormwater Management VTrans Number: TAP TA21(1)	\$239,012 CON				Total: \$389,343 PE: \$76,235 ROW: CON: \$313,108		\$60,988 PE	Bike/ Pedestrian	STP % Federal % State % Local	2021 TA award (\$300,000) to construct a 150-foot long, 12-foot wide path on the north side of Lake Street. VTrans PM:

* Future project costs escalated at a rate of 1.5% per year.

CCRPC # Project Location	FY22-25 Federal Funds				Other Project Information					
	FY22 Phase	FY23 Phase*	FY24 Phase*	FY25 Phase*	Total Cost fed+state+local in 2020 Dollars	Fed. Funds Obligated Thru FY20	FY21 Fed Funds Phase	Project Use Category	Federal Funding Source	Remarks
HP154 Maple Street Rail Crossing Safety Improvements	\$758,173 CON				Total: \$1,661,859 PE: \$150,000 ROW: \$5,000 CON: \$1,506,859	\$78,750	\$658,750 CON	Safety/ Traffic Operations/ ITS	Section 130 Rail Grade Crossing 90 % Federal 10 % State 0 % Local	Project includes improvements to the surface and drainage, addition of active warning system, and preemption of traffic signals.
VTrans Number: STP 2035(28)										
RR006 Rail Crossing Safety Improvements - College Street	\$1,000,000 CON				Total: \$1,996,089 PE: \$250,000 ROW: CON: \$1,746,089	\$865,467	\$1,571,480 CON	Rail Crossing	Section 130 Rail Grade Crossing 90 % Federal 10 % State 0 % Local	Project will be bid as two separate contracts - C/1 (\$450,000 for utility work to be done in FY20; C/2 for safety improvements to be done in FY21.
VTrans Number: STP 2035(15)										
HC015 Railyard Enterprise Project	\$920,000 PE				Total: \$11,550,000 PE: \$1,250,000 ROW: \$300,000 CON: \$10,000,000		\$80,000 PE	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.
Waterfront South Area VTrans Number: BREP(3)										
RR016 Re-Align LaValley Lane for Amtrak Siding					Total: \$1,050,000 PE: \$50,000 ROW: CON: \$1,000,000			Rail	State 0 % Federal 100 % State 0 % Local	
VTrans Number: VTRY(52) State funds										
BP110 Schifilliti Park Shared Use Path		\$245,727 CON			Total: \$373,160 PE: \$50,000 ROW: CON: \$323,160	\$40,000		Bike/ Pedestrian	STP 80 % Federal 0 % State 20 % Local	2020 TA Award (\$285,727) for a path between James Ave and Gosse Ct.
VTrans Number: TAP TA20(11)										

* Future project costs escalated at a rate of 1.5% per year.

CCRPC # Project Location	FY22-25 Federal Funds				Other Project Information					
	FY22 Phase	FY23 Phase*	FY24 Phase*	FY25 Phase*	Total Cost fed+state+local in 2020 Dollars	Fed. Funds Obligated Thru FY20	FY21 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)	\$6,000,000 CON	\$3,505,065 CON			Total: \$12,426,967 PE: \$2,044,354 ROW: \$115,000 CON: \$10,267,613	\$980,646	\$5,206,967 PE/CON	Safety/ Traffic Operations/ ITS	Safety - Section 164 100 % Federal 0 % State 0 % Local	Construction of a roundabout, drainage and associated work. FY21 - \$1,094,354 PE, \$4,112,613 CON VTrans PM: LaCroix, Mike
OT035 Stormwater Management Improvements on Main Street VTrans Number: STP MM18(8)		\$450,957 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)	\$402,868 CON				Total: \$1,343,353 PE: \$250,000 ROW: CON: \$1,093,353	\$1,000,000	\$400,000 CON	Paving	NHPP 80 % Federal 0 % State 20 % Local	VTrans PM: Bogaczyk, Matthew
RR013 Vermont Railway Switch Replacement VTrans Number: VTRY(50)				Funds to be obligated in FY21	Total: \$1,665,994 PE: \$175,000 ROW: \$5,000 CON: \$1,485,994		\$1,874,500 CON	Rail	TIGER VII 54 % Federal 46 % State 0 % Local	Replace 3 manual switches with power switches and purchase continuous welded rail. VTrans PM: Grigas, Jared

* Future project costs escalated at a rate of 1.5% per year.

CCRPC # Project Location	FY22-25 Federal Funds				Other Project Information					
	FY22 Phase	FY23 Phase*	FY24 Phase*	FY25 Phase*	Total Cost fed+state+local in 2020 Dollars	Fed. Funds Obligated Thru FY20	FY21 Fed Funds Phase	Project Use Category	Federal Funding Source	Remarks
Burlington Int. Airport										
AV002 Airfield Projects	\$3,600,000	\$3,946,500	\$2,520,000	\$10,800,000	Total:		\$5,580,000	Aviation	AIP	Rehabilitate customs/cargo apron; glycol treatment system upgrades; improvements to taxiways B, E and L; Runway 15-33 paving. BTV project - for information only. <u>VTrans PM:</u> Air
VTrans Number:	For Information Only				PE:					
					ROW:				90 % Federal	
					CON:				6 % State 4 % Local	
AV005 Noise Mitigation Implementation	\$4,500,000	\$4,500,000	\$4,500,000	\$4,500,000	Total:			Aviation	AIP	Noise mitigation. BTV project - for information only. <u>VTrans PM:</u> Air
VTrans Number:	For Information Only				PE:					
					ROW:				90 % Federal	
					CON:				6 % State 4 % Local	
AV022 Planning and Environmental Studies	\$360,000	\$360,000	\$675,000	\$585,000	Total:		\$720,000	Aviation	AIP	Aviation easements, obstruction removal, wildlife study, sustainability plan, asset management plan. BTV project - for information only. <u>VTrans PM:</u> Air
VTrans Number:	For Information Only				PE:					
					ROW:				90 % Federal	
					CON:				6 % State 4 % Local	
AV018 Security Projects	\$450,000				Total:			Aviation	AIP	Upgrade security system, national security random check requirements. BTV project - for information only. <u>VTrans PM:</u> Air
VTrans Number:	For Information Only				PE:					
					ROW:				90 % Federal	
					CON:				6 % State 4 % Local	

* Future project costs escalated at a rate of 1.5% per year.

CCRPC # Project Location	FY22-25 Federal Funds				Other Project Information					
	FY22 Phase	FY23 Phase*	FY24 Phase*	FY25 Phase*	Total Cost fed+state+local in 2020 Dollars	Fed. Funds Obligated Thru FY20	FY21 Fed Funds Phase	Project Use Category	Federal Funding Source	Remarks
AV004 Snow Removal Equipment		\$5,400,000			Total:			Aviation	AIP	Facility and equipment. BTV project - for information only.
VTrans Number:	For Information Only				PE:					
					ROW:				90 % Federal	
					CON:				6 % State	
									3 % Local	VTrans PM: Air
AV001A South End Development			\$3,960,000		Total:			Aviation	AIP	Develop new cargo area. BTV project - for information only.
VTrans Number:	For Information Only				PE:					
					ROW:				90 % Federal	
					CON:				6 % State	
									4 % Local	VTrans PM: Air
AVo26 Terminal Building Projects	\$4,050,000				Total:			Aviation	AIP	Inline baggage system. BTV project - for information only.
VTrans Number:					PE:					
					ROW:				90 % Federal	
					CON:				6 % State	
									4 % Local	VTrans PM:
Charlotte										
RR008 Charlotte Rail Bridge over Thorp Brook		\$473,705 CON			Total:	\$773,381	\$100,000	Rail	Western Corridor Earmark Funds	Rehab bridge 252.7 over Thorp Brook. Construction in 2023.
VTrans Number:	VTRY(15)				PE:	\$190,000		ROW		
					ROW:				80 % Federal	
					CON:	\$583,381			20 % State	
									0 % Local	VTrans PM: Nyquist, Bruce
RR009 Rail Crossing Improvements at Thompson Point Road					Total:	\$671,932	\$455,000	Rail Crossing	Section 130 Rail Grade Crossing	
VTrans Number:	STP 2035(23)				PE:	\$112,563				
					ROW:				90 % Federal	
					CON:	\$579,369			10 % State	
									0 % Local	VTrans PM: Corbett, Shaun

* Future project costs escalated at a rate of 1.5% per year.

CCRPC # Project Location	FY22-25 Federal Funds				Other Project Information				
	FY22 Phase	FY23 Phase*	FY24 Phase*	FY25 Phase*	Total Cost fed+state+local in 2020 Dollars	Fed. Funds Obligated Thru FY20	FY21 Fed Funds Phase	Project Use Category	Federal Funding Source

Charlotte-South Burlington

BR063 Rehabilitate/ Replace Culverts on US7					Total: \$510,000 PE: \$10,000 ROW: CON: \$500,000		\$510,000 PE/CON	Bridge	COVID Relief Funds 100 % Federal 0 % State 0 % Local	
VTrans Number: NH CULV(82)	Funds to be obligated in FY21									
VTrans PM:										

HP149 US7 Paving		\$5,328,750 CON	\$1,822,263 CON		Total: \$9,073,501 PE: \$300,000 ROW: CON: \$8,773,501	\$81,080	\$240,000 PE	Paving	NH 80 % Federal 20 % State 0 % Local	
Charlotte mm 2.82 to South Burlington mm 1.74										
VTrans Number: NH PS22(2)										
VTrans PM: Bogaczyk, Matthew										

Colchester

HP139 Bayside Intersection Roundabout and Stormwater Improvements					Total: \$3,310,000 PE: ROW: CON:			Safety/ Traffic Operations/ ITS	STP % Federal % State % Local	Single lane roundabout and drainage improvements. Project schedule to be determined.
VTrans Number: STP 5600()	Funding schedule to be determined									
VTrans PM:										

HP119 Blakely Road/Laker Lane Intersection Improvements					Total: \$685,000 PE: \$160,000 ROW: \$25,000 CON: \$500,000	\$527,020		Safety/ Traffic Operations/ ITS	STP 100 % Federal 0 % State 0 % Local	CIRC Alt Phase III project.
VTrans Number: STP 5600(21)	CIRC Alternative Project - Remove									
VTrans PM: Deforge, Ande										

* Future project costs escalated at a rate of 1.5% per year.

CCRPC # Project Location	FY22-25 Federal Funds				Other Project Information					
	FY22 Phase	FY23 Phase*	FY24 Phase*	FY25 Phase*	Total Cost fed+state+local in 2020 Dollars	Fed. Funds Obligated Thru FY20	FY21 Fed Funds Phase	Project Use Category	Federal Funding Source	Remarks
HP102 Exit 16 Improvements	\$4,000,000 CON	\$6,090,000 CON	\$2,997,712 CON		Total: \$16,945,326 PE: \$3,250,000 ROW: \$750,000 CON: \$12,909,754	\$2,750,000	\$1,250,000 PE	Roadway Corridor Improvement	HSIP 100 % Federal 0 % State 0 % Local	CIRC Alt Phase I project. Construction of a diverging diamond and improvements at Mountain View Dr., Hercules Dr. and Rathe Rd.
VTrans Number: HES NH 5600(14)		CIRC Alternative Project			VTrans PM: LaCroix, Mike					
BR050 Exit 17 Improvements	\$900,000 ROW/CON	\$15,225,000 CON	\$10,187,145 CON		Total: \$28,088,272 PE: \$2,300,000 ROW: \$600,000 CON: \$25,188,272	\$1,700,000	\$600,000 ROW	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. FY22 - \$600,000 ROW, \$300,000 CON.
VTrans Number: NH 028-1(31)					VTrans PM: Coburn, Patti					
OT039 Implementation of Stormwater Best Management Practices in Moorings Stream Watershed		\$277,600 CON			Total: \$459,000 PE: \$62,000 ROW: \$50,000 CON: \$347,000	\$89,784	\$245,470 CON	Stormwater/ Environmental	STP 80 % Federal 0 % State 20 % Local	2018 Transportation Alternatives award (\$295,200) and 2021 Municipal Highway Stormwater Mitigation Program award (\$72,000)
VTrans Number: TAP TA18(1)					VTrans PM: Robertson, Scott					
HP118 Prim Road/West Lakeshore Drive Intersection Improvements	\$1,000,000 CON	\$1,651,532 CON			Total: \$3,177,125 PE: \$450,000 ROW: \$100,000 CON: \$2,627,125	\$345,400	\$400,000 PE/ROW	Safety/ Traffic Operations/ ITS	STP 100 % Federal 0 % State 0 % Local	CIRC Alt Phase III project.
VTrans Number: STP 5600(20)		CIRC Alternative Project			VTrans PM: Deforge, Ande					
HP110 Severance Corners Intersection Project	\$250,000 ROW	\$1,015,000 ROW	\$2,728,301 CON	\$1,045,678 CON	Total: \$5,598,257 PE: \$700,000 ROW: \$1,250,000 CON: \$3,648,257	\$400,000		Safety/ Traffic Operations/ ITS	HSIP 100 % Federal 0 % State 0 % Local	CIRC Alt Phase II implementation project.
US7/Town Highway 7/Town Highway 9 VTrans Number: STPG 5600(17)		CIRC Alternative Project			VTrans PM: Parizo, Erin					

* Future project costs escalated at a rate of 1.5% per year.

CCRPC # Project Location	FY22-25 Federal Funds				Other Project Information					
	FY22 Phase	FY23 Phase*	FY24 Phase*	FY25 Phase*	Total Cost fed+state+local in 2020 Dollars	Fed. Funds Obligated Thru FY20	FY21 Fed Funds Phase	Project Use Category	Federal Funding Source	Remarks
HP003 VT2A Improvements Colchester Village VTrans Number: STP 5600(19)	\$200,000 PE		\$231,801 PE/ROW	\$235,278 PE/ROW	Total: \$5,450,000 PE: \$650,000 ROW: \$200,000 CON: \$4,600,000			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

Colchester-Essex

BP069 VT15 Multiuse Path Lime Kiln Road to Susie Wilson Road VTrans Number: NH 030-1(34)	\$400,000 CON				Total: \$1,916,704 PE: \$365,000 ROW: \$180,000 CON: \$1,371,704	\$437,832	\$493,737 CON	Bike/ Pedestrian	STP 80 % Federal 20 % State 0 % Local	CIRC Alternatives Phase II implementation project. VTrans PM: Parizo, Erin
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HP155 VT15 Traffic Signal Replacement Campus Avenue to Ethan Allen Avenue. VTrans Number: NHG SGNL(58)	\$150,000 PE	\$253,750 PE/CON		\$1,359,382 CON	Total: \$1,700,000 PE: \$200,000 ROW: CON: \$1,500,000			Safety/ Traffic Operations/ ITS	STP 100 % Federal 0 % State 0 % Local	VTrans PM:
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Essex

BR048 Alder Brook Culvert (BR2) on VT117 VTrans Number: BF 5400(9)	\$242,701 CON				Total: \$2,333,376 PE: \$400,000 ROW: \$5,000 CON: \$1,928,376	\$764,042	\$1,300,000 CON	Bridge	STP 80 % Federal 20 % State 0 % Local	Replacement of a failed buried structure on VT117 carrying Alder Brook. VTrans PM: Young, Robert
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* Future project costs escalated at a rate of 1.5% per year.

CCRPC # Project Location	FY22-25 Federal Funds				Other Project Information					
	FY22 Phase	FY23 Phase*	FY24 Phase*	FY25 Phase*	Total Cost fed+state+local in 2020 Dollars	Fed. Funds Obligated Thru FY20	FY21 Fed Funds Phase	Project Use Category	Federal Funding Source	Remarks
BP091 Pinecrest Drive Sidewalk VT2A to Suffolk Lane VTrans Number: TAP TA15(4)					Total: \$357,770 PE: \$68,813 ROW: \$35,000 CON: \$258,957	\$319,328	\$260,496 CON	Bike/ Pedestrian	STP 80 % Federal 0 % State 20 % Local	2015 Transportation Alternatives grant (\$286,216), 2020 VTrans Bicycle & Pedestrian Program (\$86,280) VTrans PM: Deforge, Ande
OT036 Stormwater Detention Pond Design and Construction at LDS Church VTrans Number: STP MM18(9)		\$370,291 CON			Total: \$1,346,185 PE: \$244,200 ROW: \$27,490 CON: \$1,074,495	\$107,974	\$381,730 CON	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
OT049 Stormwater Retrofit at VT289/VT15 VTrans Number: NH SWFR(4)					Total: \$60,000 PE: \$60,000 ROW: CON:		\$48,600 PE	Stormwater/ Environmental	NHPP 80 % Federal 10 % State 0 % Local	Design and construction of stormwater retrofit to implement VTrans Flow Restoration Plans. VTrans PM:
OT040 Stormwater System Retrofit with Infiltration Systems and Stabilized Outfalls for Three Cul- de-sacs Acorn Circle, Sage Circle, Oakwood Lane VTrans Number: TAP TA18(2)	\$189,104 CON				Total: \$357,000 PE: \$100,000 ROW: \$5,000 CON: \$252,000	\$82,035		Stormwater/ Environmental	STP 80 % Federal 0 % State 20 % Local	2018 Transportation Alternatives award (\$271,139) VTrans PM: Kenison, Derek

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CCRPC # Project Location	FY22-25 Federal Funds				Other Project Information						
	FY22 Phase	FY23 Phase*	FY24 Phase*	FY25 Phase*	Total Cost fed+state+local in 2020 Dollars	Fed. Funds Obligated Thru FY20	FY21 Fed Funds Phase	Project Use Category	Federal Funding Source	Remarks	
HP120 Susie Wilson Road Corridor and Intersection Improvements	\$235,000 PE		\$103,023 CON	\$1,338,468 CON	Total: \$1,580,000 PE: \$200,000 ROW: CON: \$1,380,000	\$171,000	\$200,000 PE	Roadway Corridor Improvement	STP 100 % Federal 0 % State 0 % Local	CIRC Alt Phase III project.	
VTrans Number: STP 5400(11)		CIRC Alternative Project									
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									
HP121 VT117/North Williston Road Intersection Improvements	\$50,000 ROW	\$1,915,902 CON			Total: \$2,104,774 PE: \$167,186 ROW: \$50,000 CON: \$1,887,588	\$125,000		Safety/ Traffic Operations/ ITS	HSIP 100 % Federal 0 % State 0 % Local	CIRC Alt Phase III project.	
VTrans Number: STP 5400(10)		CIRC Alternative Project									
BR060 VT128 Culvert BR1 Carrying Alder Brook	\$60,000 CON				Total: \$605,000 PE: \$15,000 ROW: \$15,000 CON: \$575,000	\$16,000	\$400,000 CON	Bridge	STP 80 % Federal 0 % State 20 % Local		
VTrans Number: BM19501											
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

VTrans PM:
CIRC Alternative

VTrans PM:
Sisson, Taylor

VTrans PM:
Salvitori, Jeremy

VTrans PM:
Coburn, Patti

* Future project costs escalated at a rate of 1.5% per year.

CCRPC # Project Location	FY22-25 Federal Funds				Other Project Information						
	FY22 Phase	FY23 Phase*	FY24 Phase*	FY25 Phase*	Total Cost fed+state+local in 2020 Dollars	Fed. Funds Obligated Thru FY20	FY21 Fed Funds Phase	Project Use Category	Federal Funding Source	Remarks	
HP082 VT15/Sand Hill Road Intersection Improvements	\$75,000 ROW	\$827,685 CON	\$257,556 CON		Total: \$1,365,453 PE: \$225,000 ROW: \$75,000 CON: \$1,065,453	\$275,000	\$255,000 CON	Safety/ Traffic Operations/ ITS	HSIP 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
Essex Junction											
HC014 Crescent Connector	\$3,000,000 CON	\$3,961,245 CON			Total: \$13,750,000 PE: \$1,750,000 ROW: \$2,000,000 CON: \$10,000,000	\$4,008,068	\$2,733,600 CON	New Facility/ Major Roadway Upgrade	STP 80 % Federal 20 % State 0 % Local	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 VTrans Number: STP 5300(13)		CIRC Alternative Project									VTrans PM: Deforge, Ande
OT026 Mansfield/Brickyard Gravel Wetlands					Total: \$193,000 PE: \$63,000 ROW: \$20,000 CON: \$110,000	\$176,054		Stormwater/ Environmental	STP 80 % Federal 0 % State 20 % Local	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)		Funds obligated in FY20									VTrans PM: Robertson, Scott
RR010 VT2A (Park Street) Rail Crossing Improvements					Total: PE: ROW: CON:			Rail Crossing	Section 130 Rail Grade Crossing 90 % Federal 10 % State 0 % Local		
VTrans Number: STP 5300(15)											VTrans PM: Libby, Paul

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CCRPC # Project Location	FY22-25 Federal Funds				Other Project Information					
	FY22 Phase	FY23 Phase*	FY24 Phase*	FY25 Phase*	Total Cost fed+state+local in 2020 Dollars	Fed. Funds Obligated Thru FY20	FY21 Fed Funds Phase	Project Use Category	Federal Funding Source	Remarks

Hinesburg

BP098 Village South Sidewalk		\$157,798 CON			Total: \$338,625 PE: \$70,000 ROW: \$12,000 CON: \$256,625	\$77,102	\$198,846 CON	Bike/ Pedestrian	STP	2016 Bike/Ped grant (\$120,500). 2018 Bike/Ped grant (\$114,400).
VT116 from School to Friendship Lane VTrans Number: STP BP16(11)									80 % Federal 0 % State 20 % Local	VTrans PM: Gurley, Scott

HP058 VT116/CVU Road Improvements	\$500,000 CON				Total: \$4,557,354 PE: \$883,363 ROW: \$270,000 CON: \$3,389,948	\$4,136,877	\$255,000 CON	Safety/ Traffic Operations/ ITS	Safety - Section 164	Improvements including left turn lanes on VT116.
VT116/TH1/TH7 VTrans Number: HES 021-1(19)									100 % Federal 0 % State 0 % Local	VTrans PM: Coburn, Patti

Huntington

BR055 BR32 on Camels Hump Road	\$750,000 CON	\$177,729 CON			Total: \$1,415,129 PE: \$233,593 ROW: \$50,000 CON: \$1,126,536	\$164,000	\$40,800 ROW	Bridge	STP	
VTrans Number: BO 1445(38)									80 % Federal 10 % State 10 % Local	VTrans PM: Young, Robert

Interstate/Expressway

HP142 I-189 Concrete Pavement Repair, Burlington-South Burlington	\$160,000 CON				Total: \$733,252 PE: \$150,000 ROW: \$583,252	\$67,500	\$918,000 CON	Paving	NHPP	
Ramps H and C VTrans Number: IM 189-3(77)									90 % Federal 10 % State 0 % Local	VTrans PM: Bogaczyk, Matthew

* Future project costs escalated at a rate of 1.5% per year.

CCRPC # Project Location	FY22-25 Federal Funds				Other Project Information					
	FY22 Phase	FY23 Phase*	FY24 Phase*	FY25 Phase*	Total Cost fed+state+local in 2020 Dollars	Fed. Funds Obligated Thru FY20	FY21 Fed Funds Phase	Project Use Category	Federal Funding Source	Remarks
HC017 I-89 2050 Scoping Study Scoping VTrans Number: IM 089-2(53)	\$81,000				Total: PE: ROW: CON:	\$67,500		New Facility/ Major Roadway Upgrade	STP 90 % Federal 10 % State 0 % Local	VTrans PM:
HP151 I-89 Bridge Maintenance, South Burlington Bridge 70 VTrans Number: BM20503					Total: PE: ROW: CON:	\$5,000	\$4,500 PE	Bridge	NHPP 90 % Federal 10 % State 0 % Local	VTrans PM:
HP152 I-89 Bridge Preservation/Maintenance, Colchester and Richmond US2 Bridge, Colchester and US2 Bridge, Richmond VTrans Number: BM20502					Total: PE: ROW: CON:	\$400,000 \$25,000	\$360,500 PE/CON	Bridge	NHPP 90 % Federal 10 % State 0 % Local	VTrans PM:
BR061 I-89 Culvert Rehabilitation, Williston Culvert PID#50276 at I-89 SB mm 81.8 VTrans Number: IM 089-2(54)					Total: PE: ROW: CON:	\$425,000 \$50,000	\$147,137 \$382,500 PE/CON	Bridge	IM 90 % Federal 10 % State 0 % Local	VTrans PM: Martin, Bruce
BR065 I-89 Culvert, Colchester I-89 Northbound Mile Marker 97.45 VTrans Number: IM CULV(79)					Total: PE: ROW: CON:	\$228,050	\$205,245 PE/CON	Bridge	IM 90 % Federal 10 % State % Local	VTrans PM:

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CCRPC # Project Location	FY22-25 Federal Funds				Other Project Information					
	FY22 Phase	FY23 Phase*	FY24 Phase*	FY25 Phase*	Total Cost fed+state+local in 2020 Dollars	Fed. Funds Obligated Thru FY20	FY21 Fed Funds Phase	Project Use Category	Federal Funding Source	Remarks
BR059 Richmond BR29 on US2 over I-89 VTrans Number: IM 089-2(52)		\$2,030,000 CON	\$5,151,125 CON	\$2,308,038 CON	Total: \$10,956,872 PE: \$641,632 ROW: \$85,000 CON: \$10,230,240	\$216,500	\$192,780 PE	Bridge	NHPP 90 % Federal 10 % State 0 % Local	New bridge on new alignment adjacent to existing bridge. VTrans PM: Cota, Carolyn
OT050 Stormwater Retrofit for Four Locations in South Burlington Exit 13, Exit 14, and I-189/Shelburne Road VTrans Number: IM SWFR(3)					Total: \$240,000 PE: \$240,000 ROW: CON:		\$216,000 PE	Stormwater/ Environmental	IM 90 % Federal 10 % State 0 % Local	Design and construction of stormwater retrofit to implement VTrans Flow Restoration Plans. VTrans PM:
Jericho										
BR066 BR15 on Browns Trace North of Fitzsimonds Road VTrans Number: BF 0209(10)								Bridge	STP % Federal % State % Local	VTrans PM:
		Scoping underway - project schedule to be determined								
BP100 Lee River Road Sidewalk VTrans Number: TAP TA17(1), TAP TA20(11)	\$246,571 CON				Total: \$428,000 PE: \$83,000 ROW: \$15,000 CON: \$330,000	\$74,016	\$12,000 ROW	Bike/ Pedestrian	STP 80 % Federal 0 % State 20 % Local	2017 TA award (\$220,587) and 2020 TA award (\$100,000) to design and construct 1,000 feet of sidewalk and other pedestrian improvements VTrans PM: Kenison, Derek

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CCRPC # Project Location	FY22-25 Federal Funds				Other Project Information					
	FY22 Phase	FY23 Phase*	FY24 Phase*	FY25 Phase*	Total Cost fed+state+local in 2020 Dollars	Fed. Funds Obligated Thru FY20	FY21 Fed Funds Phase	Project Use Category	Federal Funding Source	Remarks

Milton

OT042 Purchase of Vector Truck					Total: \$375,000			Stormwater/ Environmental	STP	2018 Transportation Alternatives award (\$300,000)
					PE:					
					ROW:				80 % Federal	
					CON:				0 % State	
									20 % Local	
VTrans Number: TAP TA18(4)										<u>VTrans PM:</u>

HP007 US7/Middle Rd/Railroad St Intersection	\$200,000 CON	\$4,060,000 CON	\$1,649,756 CON		Total: \$6,876,355	\$675,000	\$500,000 PE/ROW	Safety/ Traffic Operations/ ITS	HSIP	Northern section to be funded by VTrans, southern section to be funded by Milton.
					PE: \$900,000					
					ROW: \$175,000				100 % Federal	
					CON: \$5,801,355				0 % State	
									0 % Local	
VTrans Number: STP 5800(3)										<u>VTrans PM:</u> Coburn, Patti

Regional

RR012 Amtrak Service	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	Total:		\$408,413	Rail	CMAQ	Chittenden County Share (17%) of statewide Amtrak service.
					PE:					
					ROW:				80 % Federal	
					CON:				20 % State	
									0 % Local	
VTrans Number:										<u>VTrans PM:</u> Rail

BR003 Bridge Inspection	\$50,000 PE	\$50,000 PE	\$50,000 PE	\$50,000 PE	Total:		\$50,000 PE	Bridge	NHPP/STP	CCRPC share of VTrans bridge inspection program. Funding shares to be determined.
					PE:					
					ROW:				% Federal	
					CON:				% State	
									% Local	
VTrans Number:										<u>VTrans PM:</u> Regional

* Future project costs escalated at a rate of 1.5% per year.

CCRPC # Project Location	FY22-25 Federal Funds				Other Project Information					
	FY22 Phase	FY23 Phase*	FY24 Phase*	FY25 Phase*	Total Cost fed+state+local in 2020 Dollars	Fed. Funds Obligated Thru FY20	FY21 Fed Funds Phase	Project Use Category	Federal Funding Source	Remarks
BR033 Bridge Preventative Maintenance 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	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
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

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CCRPC # Project Location	FY22-25 Federal Funds				Other Project Information					
	FY22 Phase	FY23 Phase*	FY24 Phase*	FY25 Phase*	Total Cost fed+state+local in 2020 Dollars	Fed. Funds Obligated Thru FY20	FY21 Fed Funds Phase	Project Use Category	Federal Funding Source	Remarks
HP012 Pavement Marking	\$40,000 CON	\$40,000 CON	\$40,000 CON	\$40,000 CON	Total: PE: ROW: CON:		\$40,000 CON	Paving	NHPP/STP	Funding for VTrans annual pavement marking in Chittenden County.
Regional VTrans Number:									100 % Federal 0 % State 0 % Local	VTrans PM: Regional
HP016 Paving	\$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.
Regional VTrans Number:									% Federal % State % Local	VTrans PM: Regional
BP022 Regional Recreational Trails	\$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.
Regional VTrans Number:									80 % Federal 0 % State 20 % Local	VTrans PM: Regional
OT001 Regional Safety	\$250,000 PE/ROW/CON	\$250,000 PE/ROW/CON	\$250,000 PE/ROW/CON	\$250,000 PE/ROW/CON	Total: PE: ROW: CON:		\$89,000 PE/ROW/CON	Safety/ Traffic Operations/ ITS	HSIP	Funding for safety projects. Funding shares to be determined. \$50,000 in FY21 and \$150,000 in FY22 to be used for Traffic Signals on VT15 from Campus Ave to Ethan Allen Ave, Colchester.
Regional VTrans Number:									% Federal % State % Local	VTrans PM: Regional
HP115 Slopes and Ledges	\$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.
Regional VTrans Number:									% Federal % State % Local	VTrans PM: Regional

* Future project costs escalated at a rate of 1.5% per year.

CCRPC # Project Location	FY22-25 Federal Funds				Other Project Information					
	FY22 Phase	FY23 Phase*	FY24 Phase*	FY25 Phase*	Total Cost fed+state+local in 2020 Dollars	Fed. Funds Obligated Thru FY20	FY21 Fed Funds Phase	Project Use Category	Federal Funding Source	Remarks
BR054 Small Culverts	\$100,000 PE/ROW/CON	\$100,000 PE/ROW/CON	\$100,000 PE/ROW/CON	\$100,000 OPE/ROW/CON	Total: PE: ROW: CON:		\$100,000 PE/ROW/CON	Bridge	NHPP/STP	Funding for small culvert projects in Chittenden County.
Regional VTrans Number:									% Federal % State % Local	<u>VTrans PM:</u> Regional
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	Funding for Chittenden County share of VTrans statewide optimization of traffic signals on the state system.
Regional VTrans Number:									100 % Federal 0 % State 0 % Local	<u>VTrans PM:</u> Regional
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	Funding for VTrans scoping and preliminary engineering for traffic signals on the state system in Chittenden County.
Regional VTrans Number:									100 % Federal 0 % State 0 % Local	<u>VTrans PM:</u> Regional
Richmond										
BR062 US2 Culvert Rehabilitation		\$203,000 CON	\$206,045 CON		Total: PE: ROW: CON:	\$625,000 \$40,540	\$50,000 PE	Bridge	STP	
Culvert PID#64501 at mm 2.25 VTrans Number: STP CULV(58)						\$125,000 \$500,000			80 % Federal 20 % State 0 % Local	<u>VTrans PM:</u> Upmal, Ken

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CCRPC # Project Location	FY22-25 Federal Funds				Other Project Information					
	FY22 Phase	FY23 Phase*	FY24 Phase*	FY25 Phase*	Total Cost fed+state+local in 2020 Dollars	Fed. Funds Obligated Thru FY20	FY21 Fed Funds Phase	Project Use Category	Federal Funding Source	Remarks

Shelburne

BP107 Irish Hill Road Pedestrian Bridge and Sidewalk		\$100,000 CON	\$247,200 CON		Total: \$724,000 PE: \$125,000 ROW: \$20,000 CON: \$434,200	\$100,162	\$455,000 CON	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 Number: STP BP18(3)					VTrans PM: Perrigo, Joel					

HP127 US7/Harbor Road/Falls Road					Total: \$1,540,000 PE: \$140,000 ROW: CON: \$1,400,000			Safety/ Traffic Operations/ ITS	STP 80 % Federal 20 % State 0 % Local	Intersection upgrades. Illustrative project pending the availability of federal funds.
VTrans Number: Illustrative					VTrans PM:					

Shelburne-South Burlington

HP137A US7 Signal Upgrades					Total: \$2,800,681 PE: \$360,000 ROW: CON: \$2,440,691	\$1,246,000	\$161,000 CON	Safety/ Traffic Operations/ ITS	AID 95 % Federal 5 % State 0 % Local	Signal upgrades in 10 locations on US7 between Webster Rd and IDX Dr. Project includes \$996,000 in AID grant funds.
Webster Road to IDX Drive VTrans Number: NHG SGNL(51)C/1 Funds to be obligated in FY21					VTrans PM: Sisson, Taylor					

HP137B US7 Signal Upgrades	\$229,728 CON				Total: \$3,449,038 PE: ROW: CON: \$3,449,038		\$2,000,000 CON	Safety/ Traffic Operations/ ITS	HSIP % Federal % State % Local	Full signal replacement for 6 signals between McIntosh Ave and Swift Street.
McIntosh Avenue to Swift Street VTrans Number: NHG SGNL(51)C/2					VTrans PM: Sisson, Taylor					

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CCRPC # Project Location	FY22-25 Federal Funds				Other Project Information					
	FY22 Phase	FY23 Phase*	FY24 Phase*	FY25 Phase*	Total Cost fed+state+local in 2020 Dollars	Fed. Funds Obligated Thru FY20	FY21 Fed Funds Phase	Project Use Category	Federal Funding Source	Remarks
South Burlington										
OT048 Airport Drive Infiltration Project	\$8,000 ROW	\$320,000 CON			Total: \$355,000 PE: ROW: CON:		\$60,000 PE	Stormwater/ Environmental	STP % Federal % State % Local	2021 Municipal Highway Stormwater Mitigation Program Award VTrans PM:
VTrans Number:										
OT037 Bartlett Brook Stormwater Treatment System Expansion	\$91,647 CON				Total: \$469,650 PE: \$20,200 ROW: \$5,050 CON: \$444,400	\$46,570	\$117,423 CON	Stormwater/ Environmental	STP 26 % Federal 54 % State 20 % Local	Municipal Highway and Stormwater Mitigation Program award (\$123,988 fed, \$251,732 state) VTrans PM:
VTrans Number: STP MM18(17)										
BP108 Dorset Street Path - Old Cross Road to Sadie Lane	\$16,000 ROW	\$300,000 CON	\$256,000 CON		Total: \$835,000 PE: \$120,000 ROW: \$20,000 CON: \$695,000	\$44,108	\$125,000 PE/CON	Bike/ Pedestrian	STP 80 % Federal 0 % State 20 % Local	2019 Bike/Pedestrian Program Award (\$661,600 fed). VTrans PM: Gurley, Scott
VTrans Number: STP BP19(4)										
HC012 I-89 Exit 14 Area Signal Upgrades		\$300,000 CON	\$930,000 CON		Total: \$1,310,000 PE: \$80,000 ROW: CON: \$1,230,000	\$64,000	\$663,982 CON	Safety/ Traffic Operations/ ITS	SAFETEA-LU Earmark 100 % Federal 0 % State 0 % 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. VTrans PM: Gouin, Ross
Williston Road and Dorset Street VTrans Number: STP SGNL(53)										

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CCRPC # Project Location	FY22-25 Federal Funds				Other Project Information					
	FY22 Phase	FY23 Phase*	FY24 Phase*	FY25 Phase*	Total Cost fed+state+local in 2020 Dollars	Fed. Funds Obligated Thru FY20	FY21 Fed Funds Phase	Project Use Category	Federal Funding Source	Remarks
OT047 Kennedy Drive Gravel Wetland Retrofit - Pond 2	\$75,679 ROW/CON	\$59,034 CON			Total: \$333,820 PE: \$53,820 ROW: \$12,000 CON: \$268,000	\$8,014		Stormwater/ Environmental	STP 26 % Federal 54 % State 20 % Local	FY19 Municipal Highway and Stormwater Mitigation Program award (\$83,693 fed, \$169,923 state).
VTrans Number: STP MM19(11)										
OT044 Kennedy Drive Stormwater Pond 7 Expansion	\$259,892 CON				Total: \$498,519 PE: \$50,519 ROW: CON: \$448,000	\$40,108		Stormwater/ Environmental	STP 74 % Federal 0 % State 26 % Local	2018 Transportation Alternatives award (\$300,000)
VTrans Number: TAP TA18(7)										
BP111 Kimball/Marshall Avenue Bicycle & Pedestrian Facilities over Muddy Brook	\$200,000 CON				Total: \$385,000 PE: \$10,000 ROW: CON: \$375,000	\$12,162	\$300,000 PE/CON	Bike/ Pedestrian	STP 80 % Federal 0 % State 20 % Local	2020 TA award (\$300,000) for a 10-ft-wide shared use path adjacent to culvert replacement project. FY21 has \$4,045 for ROW and \$295,946 for CON.
VTrans Number: TAP TA20(7)										
OT046 Lindenwood Drive Close Drainage System and Stormwater Treatment	\$96,610 CON				Total: \$422,700 PE: \$65,700 ROW: CON: \$357,000	\$18,748	\$95,385 CON	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: STP MM19(10)										
BP113 Spear Street Bike/Ped Improvements	\$17,500 ROW	\$228,596 CON			Total: \$604,229 PE: \$107,808 ROW: \$35,000 CON: \$461,421		\$53,904 PE	Bike/ Pedestrian	STP 50 % Federal 0 % State 50 % Local	2021 TA Award (\$300,000)
US Forest Service to Swift Street VTrans Number: TAP TA21(4)										
VTrans PM: Kenison, Derek										

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CCRPC # Project Location	FY22-25 Federal Funds				Other Project Information					
	FY22 Phase	FY23 Phase*	FY24 Phase*	FY25 Phase*	Total Cost fed+state+local in 2020 Dollars	Fed. Funds Obligated Thru FY20	FY21 Fed Funds Phase	Project Use Category	Federal Funding Source	Remarks
BP102 Williston Road Bicycle and Pedestrian Improvements Dorset Street to Midas Drive/White Street VTrans Number: STP BP17(9)		\$480,000 CON			Total: \$2,412,697 PE: \$253,894 ROW: \$200,000 CON: \$1,548,753	\$58,108		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. VTrans PM: Deforge, Ande/ Hunt, Chris
OT043 Woodcrest/Deane Street Stormwater Infiltration and Detention System VTrans Number: TAP TA18(6)					Total: \$185,649 PE: \$14,580 ROW: CON: \$171,069	\$12,054	\$201,600 CON	Stormwater/ Environmental	STP 80 % Federal 0 % State 20 % Local	2018 Transportation Alternatives award (\$242,000) VTrans PM: Perrigo, Joel
Funds to be obligated in FY21										
St. George										
HP134 VT116/VT2A Improvements VTrans Number: STP 021-1(36)					Total: PE: ROW: CON:	\$20,000	\$65,000 Scoping	Safety/ Traffic Operations/ ITS	HSIP 100 % Federal 0 % State 0 % Local	VTrans PM: Parizzo, Erin
Scoping underway - project schedule to be determined										
Transit										
TR061A GMT Capital - Buses, Facilities and Equipment VTrans Number:	\$4,250,000	\$4,000,000	\$6,710,000	\$6,500,000	Total: PE: ROW: CON:		\$3,500,000	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

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CCRPC # Project Location	FY22-25 Federal Funds				Other Project Information					
	FY22 Phase	FY23 Phase*	FY24 Phase*	FY25 Phase*	Total Cost fed+state+local in 2020 Dollars	Fed. Funds Obligated Thru FY20	FY21 Fed Funds Phase	Project Use Category	Federal Funding Source	Remarks
TR078 GMT Capital - Facility and Bus Heavy Repairs	\$400,000	\$410,000	\$420,000	\$436,800	Total: PE: ROW: CON:		\$340,000	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 PM: Transit
VTrans Number:										
TR076 GMT Capital - Fare Payment System Improvement				\$400,000	Total: PE: ROW: CON:		\$500,000	Transit	STP Transfer 80 % Federal 10 % State 10 % Local	Improved fare payment system. Pending award of funds to GMT. VTrans PM: Transit
VTrans Number:										
TR003A GMT Capital - Federal	\$50,000	\$50,000	\$55,000	\$55,000	Total: PE: ROW: CON:		\$50,000	Transit	FTA Sec. 5307 80 % Federal 10 % State 10 % Local	Federal formula funds. VTrans PM: Transit
VTrans Number:										
TR003B GMT Capital - Federal	\$212,180	\$218,545	\$225,101	\$234,105	Total: PE: ROW: CON:		\$206,000	Transit	FTA Sec. 5339 - Urban Allocation 80 % Federal 10 % State 10 % Local	Federal Bus and Bus Facility Program. VTrans PM: Transit
VTrans Number:										
TR072 GMT ITS System		\$175,000	\$150,000		Total: PE: ROW: CON:		\$100,000	Transit	STP Transfer 80 % Federal 10 % State 10 % Local	Phase in of additional ITS products. Pending award of funds to GMT. VTrans PM: Transit
VTrans Number:										

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CCRPC # Project Location	FY22-25 Federal Funds				Other Project Information					
	FY22 Phase	FY23 Phase*	FY24 Phase*	FY25 Phase*	Total Cost fed+state+local in 2020 Dollars	Fed. Funds Obligated Thru FY20	FY21 Fed Funds Phase	Project Use Category	Federal Funding Source	Remarks
TR079C GMT Mobility Management	\$77,250	\$79,568	\$81,955	\$85,233	Total: PE: ROW: CON:		\$75,568	Transit	FTA Sec. 5310 Urbanized Allocation 80 % Federal 10 % State 10 % Local	Mobility management. Pending award of funds to GMT. VTrans PM: Transit
TR002 GMT Operating - Federal	\$3,000,000	\$3,090,000	\$3,100,000	\$3,224,000	Total: PE: ROW: CON:		\$2,900,000	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. VTrans PM: Transit
TR030B GMT Operation	\$319,109	\$328,682	\$338,542	\$352,084	Total: PE: ROW: CON:		\$310,834	Transit	Transfer from 5311 to 5307 50 % Federal 50 % State 0 % Local	Pending award of funds to GMT. VTrans PM: Transit
TR063 GMT Passenger Amenities	\$100,000	\$100,000	\$100,000	\$50,000	Total: PE: ROW: CON:		\$100,000	Transit	STP Transfer 80 % Federal 10 % State 10 % Local	Funding for passenger amenities. Pending award of funds to GMT. VTrans PM: Transit
TR046 GMT Preventative Maintenance	\$2,023,950	\$2,084,669	\$2,147,209	\$2,233,097	Total: PE: ROW: CON:		\$1,885,000	Transit	STP Transfer 80 % Federal 0 % State 20 % Local	Pending award of funds to GMT. VTrans PM: Transit

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CCRPC # Project Location	FY22-25 Federal Funds				Other Project Information					
	FY22 Phase	FY23 Phase*	FY24 Phase*	FY25 Phase*	Total Cost fed+state+local in 2020 Dollars	Fed. Funds Obligated Thru FY20	FY21 Fed Funds Phase	Project Use Category	Federal Funding Source	Remarks
TR054(4)-S GMT Service - Burlington-Montpelier Inter-Regional Bus Service Burlington-Montpelier VTrans Number:	\$37,595	\$38,723	\$39,885	\$41,480	Total: PE: ROW: CON:		\$38,110	Transit	CMAQ 80 % Federal 0 % State 20 % Local	Additional trip at 4 pm on Burlington-Montpelier link. Pending award of funds to GMT. Funding is shown in year prior to service year to accommodate application review time. VTrans PM: Transit
TR085-S GMT Service - Essex Evening Essex VTrans Number:	\$37,132	\$38,245	\$39,392	\$40,968	Total: PE: ROW: CON:		\$36,050	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. VTrans PM: Transit
TR067-S GMT Service - Hinesburg Route Hinesburg Route VTrans Number:	\$77,446	\$79,769	\$82,162	\$85,448	Total: PE: ROW: CON:		\$75,190	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. VTrans PM: Transit
TR074-S GMT Service - Milton Route Milton VTrans Number:	\$180,000	\$187,000	\$194,688	\$202,476	Total: PE: ROW: CON:		\$178,190	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. VTrans PM: Transit
TR064-S GMT Service - US2 Corridor US2 VTrans Number:	\$834,300	\$859,329	\$885,109	\$920,513	Total: PE: ROW: CON:		\$834,300	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. VTrans PM: Transit

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CCRPC # Project Location	FY22-25 Federal Funds				Other Project Information					
	FY22 Phase	FY23 Phase*	FY24 Phase*	FY25 Phase*	Total Cost fed+state+local in 2020 Dollars	Fed. Funds Obligated Thru FY20	FY21 Fed Funds Phase	Project Use Category	Federal Funding Source	Remarks
TR088A Innovative Improvements - Fleet, Facility and Equipment		\$5,000,000			Total:			Transit	FTA Sec. 5312	Transportation Improvement Generating Economic Recovery (TIGER) grant. Pending award of funds.
VTrans Number:					PE:				80 % Federal 10 % State 10 % Local	VTrans PM: Transit
TR088B Innovative Improvements - Fleet, Facility and Equipment		\$2,000,000			Total:		\$1,000,000	Transit	FTA Sec. 5339	Renovations to the facility at 33 Queen City Park Road, Burlington.
VTrans Number:					PE:				80 % Federal 10 % State 10 % Local	VTrans PM: Transit
TR004 Paratransit Rolling Stock - ADA	\$264,000	\$550,000	\$340,000	\$505,000	Total:		\$263,960	Transit	FTA Sec. 5310/ STP Transfer	Replacement and expansion of sedan, cutaway and van fleet. Funding pending award of funds.
VTrans Number:					PE:				80 % Federal 10 % State 10 % Local	VTrans PM: Transit
TR080 Paratransit Scheduling Software and Hardware		\$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 20 % State 0 % Local	VTrans PM: Transit
Underhill										
HP153 VT15 Bridge Maintenance	\$100,000 CON				Total:	\$130,000	\$4,000	Bridge	STP	
Bridge 12 VTrans Number: BM20505					PE:	\$5,000	PE			
					ROW:				80 % Federal 20 % State 0 % Local	VTrans PM:
					CON:	\$125,000				

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CCRPC # Project Location	FY22-25 Federal Funds				Other Project Information					
	FY22 Phase	FY23 Phase*	FY24 Phase*	FY25 Phase*	Total Cost fed+state+local in 2020 Dollars	Fed. Funds Obligated Thru FY20	FY21 Fed Funds Phase	Project Use Category	Federal Funding Source	Remarks
BP077 VT15/Underhill Flats Sidewalks					Total: \$480,850 PE: \$82,500 ROW: \$38,350 CON: \$360,000	\$95,957	\$289,252 CON	Bike/ Pedestrian	STP 80 % Federal 10 % State 10 % Local	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)		Funds to be obligated in FY21								

VTrans PM:
Gouin, Ross

Williston

BP103 Blair Park Road Sidewalk Loop Connection					Total: \$291,532 PE: \$49,121 ROW: \$6,500 CON: \$242,411	\$65,335	\$184,000 CON	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)		Funds to be obligated in FY21								

VTrans PM:
Deforge, Ande

HC016A I-89 Exit 12 Improvements - Stage 1	\$640,000 CON	\$974,400 CON			Total: \$2,240,000 PE: \$200,000 ROW: \$40,000 CON: \$2,000,000	\$182,430	\$125,000 ROW	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								

VTrans PM:
Upmal, Ken

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								

VTrans PM:
Upmal, Ken

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								

VTrans PM:
Upmal, Ken

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CCRPC # Project Location	FY22-25 Federal Funds				Other Project Information					
	FY22 Phase	FY23 Phase*	FY24 Phase*	FY25 Phase*	Total Cost fed+state+local in 2020 Dollars	Fed. Funds Obligated Thru FY20	FY21 Fed Funds Phase	Project Use Category	Federal Funding Source	Remarks
HC016D I-89 Exit 12 Improvements - Stage 4					Total:			New Facility/ Major Roadway Upgrade	NHPP/STP	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				PE:				% Federal	
					ROW:				% State	
					CON:				% Local	
										VTrans PM: Upmal, Ken
HP122 Mountain View Road Shoulder Improvements					Total: \$3,500,000			Roadway Corridor Improvement	STP	CIRC Alt Phase III project. Shoulder improvements for bike/ped use. Project includes shoulders on Redmond Road to IBM Road.
VTrans Number:	CIRC Alternative Project - Funding schedule to be determined				PE:				80 % Federal	
					ROW:				20 % State	
					CON:				0 % Local	
										VTrans PM: CIRC Alternative
BP079 US2 Shared Use Path - Taft Corners to Williston Village					Total: \$2,800,000			Bike/ Pedestrian	STP	CIRC Alt Phase III project.
VTrans Number:	CIRC Alternative Project - Funding schedule to be determined				PE:				80 % Federal	
					ROW:				20 % State	
					CON:				0 % Local	
										VTrans PM: CIRC Alternative
HP010 US2/Industrial Avenue Intersection	\$3,000,000 CON	\$2,148,459 CON			Total: \$9,369,042	\$1,387,548	\$2,550,000 CON	Safety/ Traffic Operations/ ITS	STP	Reconstruction of intersection and resurfacing of US2 from S. Burlington line east 1.5 miles.
VTrans Number: STP M 5500(7)S					PE:				80 % Federal	
					ROW:				20 % State	
					CON:				0 % Local	
										VTrans PM: Martin, Bruce
HP109 US2/Trader Lane Traffic Signal					Total: \$607,500			Safety/ Traffic Operations/ ITS	STP	CIRC Alternatives Phase II implementation project. To be funded with state funds. Construction in FY21/FY22.
VTrans Number: STPG 5500(14)	CIRC Alternative Project - State funds only				PE:				0 % Federal	
					ROW:				100 % State	
					CON:				0 % Local	
										VTrans PM: Parizo, Erin

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CCRPC # Project Location	FY22-25 Federal Funds				Other Project Information					
	FY22 Phase	FY23 Phase*	FY24 Phase*	FY25 Phase*	Total Cost fed+state+local in 2020 Dollars	Fed. Funds Obligated Thru FY20	FY21 Fed Funds Phase	Project Use Category	Federal Funding Source	Remarks
BP112 VT2A Connector Path - Beaudry Lane to VSECU	\$253,488 CON				Total: \$392,445 PE: \$58,140 ROW: CON: \$334,305		\$46,512 PE	Bike/ Pedestrian	STP 80 % Federal 0 % State 20 % Local	2021 TA award (\$300,000) to construct a path along VT2A.
VTrans Number: TAP TA21(6)										
VTrans PM:										
BR057 VT2A Culvert					Total: \$468,454 PE: \$148,454 ROW: \$20,000 CON: \$300,000	\$48,648	\$240,000 CON	Bridge	STP 80 % Federal 20 % State 0 % Local	
South of Helena Drive										
VTrans Number: STP SCR(17)										
Funds to be obligated in FY21										
VTrans PM: Upmal, Ken										
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		\$761,250 CON	\$3,605,788 CON	\$1,256,646 CON	Total: \$6,551,752 PE: \$850,000 ROW: \$250,000 CON: \$5,451,752	\$500,000	\$250,000 ROW	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.
VTrans Number: STP 5500(17)										
VTrans PM: LaCroix, Mike										
IN004A Williston Park and Ride	\$2,000,000 CON	\$2,550,477 CON			Total: \$7,465,785 PE: \$1,325,000 ROW: \$1,628,000 CON: \$4,512,785	\$2,952,998		Intermodal	CMAQ - Park and Ride 100 % Federal 0 % State 0 % Local	Construct park and ride lot near I-89 Exit 12.
New park and ride lot south of I-89										
VTrans Number: CMG PARK(29)										
VTrans PM: Bohl, Tina										

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CCRPC # Project Location	FY22-25 Federal Funds				Other Project Information					
	FY22 Phase	FY23 Phase*	FY24 Phase*	FY25 Phase*	Total Cost fed+state+local in 2020 Dollars	Fed. Funds Obligated Thru FY20	FY21 Fed Funds Phase	Project Use Category	Federal Funding Source	Remarks
Winooski										
HP145 Class I Concrete Pavement Repair, US7 and West Allen Street	\$222,362 CON				Total: \$1,497,953 PE: \$200,000 ROW: CON: \$1,297,953	\$61,620	\$816,000 CON	Paving	STP 80 % Federal 20 % State 0 % Local	VTrans PM: Bogaczyk, Matthew
VTrans Number: NH PC21(2)										
HP146 Class I Paving, US7 and VT15	\$1,523,940 CON	\$609,000 CON			Total: \$2,904,925 PE: \$250,000 ROW: CON: \$2,654,925	\$61,620		Paving	STP 80 % Federal 20 % State 0 % Local	VTrans PM: Bogaczyk, Matthew
VTrans Number: NH PC22(2)										
BP099 Gateways Crosswalk Enhancements	\$289,000 CON				Total: \$369,500 PE: \$5,000 ROW: \$2,500 CON: \$362,000		\$219,104 CON	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.
Five Intersections VTrans Number: TAP TA17(2)										VTrans PM: Gouin, Ross
BP109 Main Street Sidewalk and Bicycle Improvements	\$400,000 CON				Total: \$500,000 PE: ROW: CON: \$500,000		\$100,000 CON	Bike/ Pedestrian	STP 80 % Federal 0 % State 20 % Local	2019 Bike/Pedestrian Program Award (\$400,000 fed).
VTrans Number: STP BP19(7)										VTrans PM: Gouin, Ross

* Future project costs escalated at a rate of 1.5% per year.

CCRPC # Project Location	FY22-25 Federal Funds				Other Project Information					
	FY22 Phase	FY23 Phase*	FY24 Phase*	FY25 Phase*	Total Cost fed+state+local in 2020 Dollars	Fed. Funds Obligated Thru FY20	FY21 Fed Funds Phase	Project Use Category	Federal Funding Source	Remarks
RR011 Mallets Bay Rail Crossing Improvements	\$331,200 CON				Total: \$448,000 PE: \$80,000 ROW: CON: \$368,000		\$315,000 CON	Rail Crossing	Section 130 Rail Grade Crossing 90 % Federal 10 % State 0 % Local	VTrans PM: Owens, Joshua
VTrans Number: STP 5100(14)										

* Future project costs escalated at a rate of 1.5% per year.

Section 3: Summary of Funding Amounts

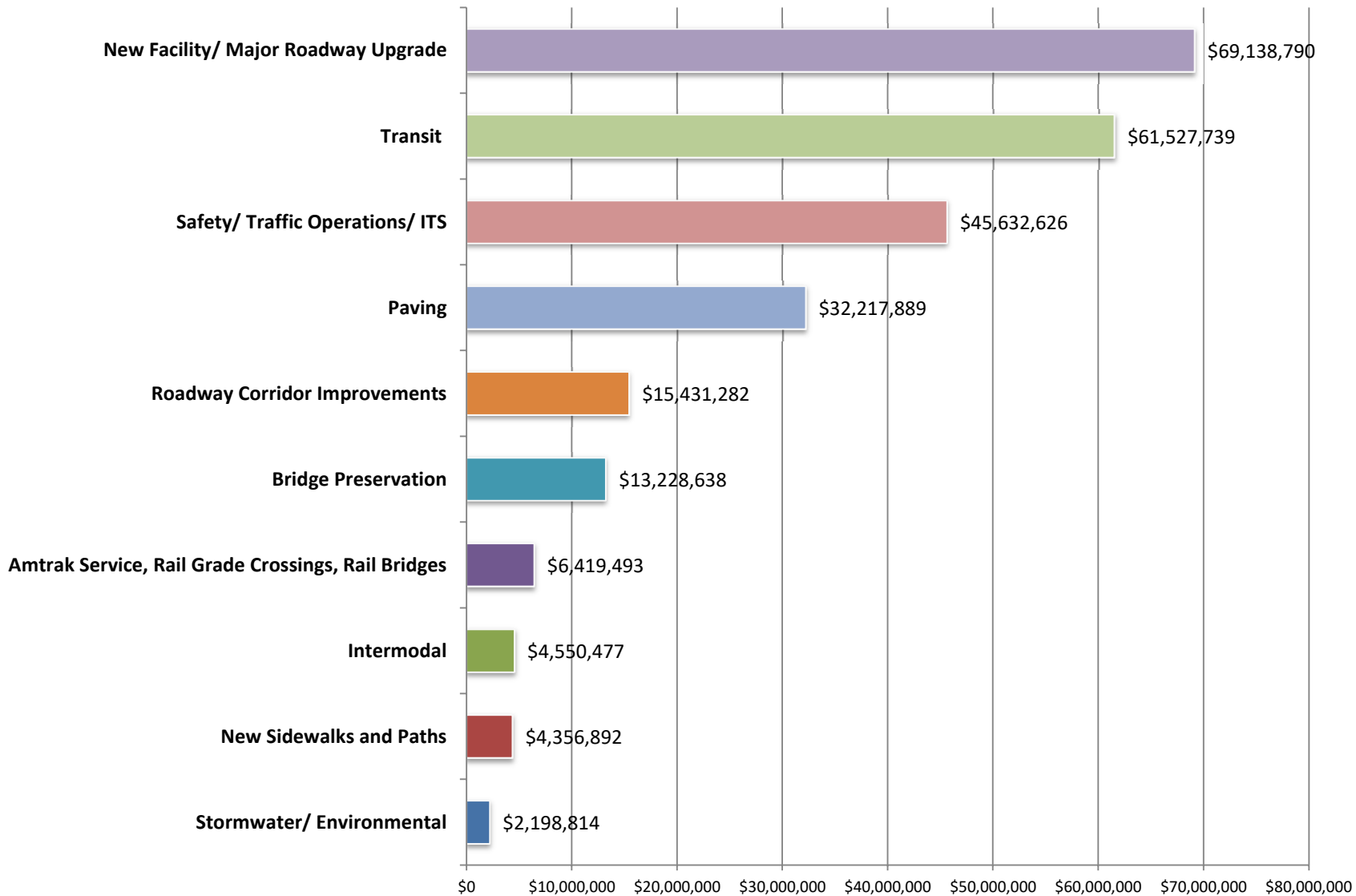
CCRPC FY2022-2025 TIP Funding by Project Use Category

<i>Funding Uses</i>	FY22 Federal Funds	FY23 Federal Funds	FY24 Federal Funds	FY25 Federal Funds
Bridge Preservation	\$1,652,701	\$2,910,729	\$5,857,170	\$2,808,038
Intermodal	\$2,000,000	\$2,550,477		
New Facility/ Major Roadway Upgrade	\$10,541,000	\$37,160,645	\$21,437,145	
New Sidewalks and Paths	\$2,131,571	\$1,582,121	\$573,200	\$70,000
Paving	\$8,318,436	\$14,803,750	\$8,755,703	\$340,000
Amtrak Service, Rail Grade Crossings, Rail Bridges	\$2,466,200	\$1,953,293	\$1,000,000	\$1,000,000
Roadway Corridor Improvements	\$4,435,000	\$6,090,000	\$3,332,536	\$1,573,746
Safety/ Traffic Operations/ ITS	\$13,627,876	\$17,349,643	\$10,082,401	\$4,572,706
Stormwater/ Environmental	\$720,932	\$1,477,882		
Transit	\$11,862,962	\$19,339,530	\$14,959,043	\$15,366,204
Total	\$57,756,678	\$105,218,070	\$65,997,198	\$25,730,694
Aviation	<i>for information only</i>	\$12,960,000	\$14,206,500	\$11,655,000
		\$15,885,000		

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 FY2022-2025 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 FY2022-2025 TIP Funding by Federal Funding Source and Constraint Status

<i>Federal Funding Sources and Constraint Status</i>	FY22	FY23	FY24	FY25
FHWA Constrained Funds				
National Highway Preservation Program (NHPP)	\$7,495,598	\$8,130,150	\$1,822,263	
Surface Transportation Program (STP)	\$13,665,539	\$44,873,720	\$32,322,242	\$4,334,774
To Be Determined (NHPP or STP)	\$840,000	\$840,000	\$840,000	\$840,000
Park and Ride	\$2,000,000	\$2,550,477		
FHWA Constrained Total	\$24,001,137	\$56,394,347	\$34,984,505	\$5,174,774
FHWA Non-Constrained Funds				
National Highway Preservation Program (NHPP)	\$241,000	\$2,030,000	\$5,151,125	\$2,308,038
STP CIRC Alternatives Phase I and Phase II Projects	\$3,400,000	\$3,961,245		
VTrans Bike/Ped, Transportation Alternatives, or Stormwater Grant	\$2,382,503	\$2,990,003	\$503,200	
Local Transportation Assistance Program (LTAP)	\$16,000	\$16,000	\$16,000	\$16,000
Modificatons and OVERRUNS (NHPP or STP)	\$500,000	\$500,000	\$500,000	\$500,000
FHWA Non-Constrained Total	\$6,539,503	\$9,497,248	\$6,170,325	\$2,824,038
FHWA Transfer to FTA				
Congestion, Mitigation, Air Quality (CMAQ) - Transit	\$1,166,473	\$1,203,066	\$1,241,236	\$1,290,885
Congestion, Mitigation, Air Quality (CMAQ) - Amtrak	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000
STP Transfer	\$2,787,950	\$3,319,669	\$3,157,209	\$3,624,897
FHWA Transfer to FTA Total	\$4,954,423	\$5,522,735	\$5,398,445	\$5,915,782
Federal Earmark or Grant Funds				
SAFETEA-LU Earmark		\$300,000	\$930,000	
Regional Recreational Trails	\$70,000	\$70,000	\$70,000	\$70,000
Western Corridor Earmark Funds		\$473,705		
Safety Program Funds (<i>see details on next page</i>)	\$14,283,076	\$18,143,240	\$7,883,325	\$1,295,678
Federal Earmark or Grant Funds	\$14,353,076	\$18,986,945	\$8,883,325	\$1,365,678
Federal Transit Administration (FTA) Funds				
FTA Section 5307	\$3,050,000	\$3,140,000	\$3,155,000	\$3,279,000
FTA Section 5309		\$50,000	\$50,000	
FTA Section 5310	\$77,250	\$79,568	\$81,955	\$85,233
FTA Section 5312		\$5,000,000		
FTA Section 5339	\$4,462,180	\$6,218,545	\$6,935,101	\$6,734,105
Transfer from FTA 5311 to FTA 5307	\$319,109	\$328,682	\$338,542	\$352,084
FTA Funds	\$7,908,539	\$14,816,795	\$10,560,598	\$10,450,422
CCRPC TIP TOTAL	\$57,756,678	\$105,218,070	\$65,997,198	\$25,730,694
Airport Improvement Program (AIP) -- for information only	\$12,960,000	\$14,206,500	\$11,655,000	\$15,885,000

CCRPC FY2022-2025 TIP Funding for Federal Safety Programs

<i>Safety Funding Sources</i>	FY22	FY23	FY24	FY25
Highway Safety Improvement Program (HSIP)	\$5,054,728	\$14,158,587	\$7,883,325	\$1,295,678
Section 130 Rail Grade Crossing	\$2,728,348	\$479,588		
Section 164 Penalty Funds*	\$6,500,000	\$3,505,065		
Safety Totals	\$14,283,076	\$18,143,240	\$7,883,325	\$1,295,678

Section 164 Safety Funds – These funds are set aside under a program (Section 164 of chapter 1 of Title 23) enacted to encourage States to enact Repeat Intoxicated Driver laws. A State which does not have a Repeat Intoxicated Driver law which meets the minimum penalties described in the Act by October 1, 2000, will have certain Federal-aid highway funds transferred to the State’s Section 402 State and Community Highway Safety grant program. These funds may be used for qualifying safety projects.

Federal Funds Actually Obligated in Chittenden County

FY2011 - FY2020

Funds by Project Use Category

<i>Uses</i>	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	Total FY11-20	% of Total
Bike/Pedestrian and Transportation Enhancement	\$3,354,588	\$3,909,023	\$1,926,119	\$2,671,491	\$1,874,999	\$1,433,302	\$1,458,397	\$2,057,858	\$1,106,396	\$2,209,600	\$22,001,773	5.9%
Bridge	\$7,650,837	\$11,048,022	\$16,156,162	\$1,502,264	\$1,449,786	\$8,178,122	\$5,747,734	\$3,811,969	\$11,597,922	\$3,703,094	\$70,845,912	18.9%
Intermodal	\$426,100	\$2,098,000	\$830,251	\$168,800	\$3,388,000	\$159,998	\$674,910	\$844,749	\$200,000	\$375,000	\$9,165,808	2.4%
New Facility/Major Roadway Upgrades	\$4,141,480	\$409,830	\$190,000	\$635,830	\$978,634	\$1,158,811	\$2,238,569	\$1,504,067	\$5,830,320	\$5,721,235	\$22,808,776	6.1%
Paving	\$4,543,975	\$11,760,895	\$15,413,819	\$2,812,734	\$1,710,329	\$5,055,818	\$16,517,145	\$10,417,201	\$18,858,442	\$10,552,751	\$97,643,109	26.0%
Rail Grade Crossings and Bridges							\$44,000		\$112,500	\$954,105	\$1,110,605	0.3%
Roadway Corridor Improvements	\$628,220	\$1,552,706		\$632,700	\$495,124	\$7,536,985	\$7,782,790	\$3,746,387	\$1,226,183	\$914,426	\$24,515,521	6.5%
Safety/ Traffic Operations/ ITS	\$397,073	\$3,392,438	\$1,821,157	\$4,798,209	\$1,626,340	\$2,881,072	\$8,540,491	\$6,099,253	\$4,328,523	\$6,755,755	\$40,640,311	10.8%
Slopes and Ledges	\$1,809,306	\$67,500	\$811,931		\$297,613	\$193,260					\$3,179,610	0.8%
Stormwater/ Environmental			\$2,950,971	\$1,278,642		\$188,000	\$490,040	\$690,781	\$979,712	\$797,035	\$7,375,181	2.0%
Transit	\$7,024,165	\$6,440,097	\$6,458,918	\$5,771,896	\$8,027,126	\$7,667,193	\$8,550,675	\$5,753,189	\$10,871,741	\$6,516,611	\$73,081,611	19.5%
Other				\$1,360,000		\$635,831	\$1,157,161		\$5,981		\$3,158,973	0.8%
Total	\$29,975,744	\$40,678,511	\$46,559,328	\$21,632,566	\$19,847,951	\$35,088,392	\$53,201,912	\$34,925,454	\$55,117,720	\$38,499,612	\$375,527,190	100.0%