



**CHITTENDEN COUNTY RPC**  
*Communities Planning Together*

# **Transportation Improvement Program for Fiscal Years 2019-2022**

**TAC Review Draft  
June 5, 2018**

Chittenden County Regional Planning Commission  
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### A. Introduction

The Chittenden County Transportation Improvement Program (TIP) for fiscal years 2019 through 2022 is a prioritized, fiscally-constrained, and multi-year list of federally-funded, multimodal transportation projects and operations in the 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., VTrans, GMT) to obligate federal funds for listed projects and operations over the next four federal fiscal years (October 1, 2018 through September 30, 2022).
- 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).

Green Mountain Transit (GMT) has an estimated Operations and Maintenance budget for transit services in FY19 of \$13,905,833. Revenue sources for transit operations and maintenance are as follows:

Passenger revenue	\$2,504,600
Purchase of service	\$43,844
Local funding	\$3,235,396
State funding	\$2,451,708
Federal grants	\$5,635,285
Misc revenue	\$35,000
<b>Total Revenue</b>	<b>\$13,905,833</b>

## C. Performance Management

### ▸ TPM Overview

A key feature of the most recent Federal Transportation Acts, MAP-21 and FAST ACT, is the emphasis on system performance. At the national level, the Federal Highway Administration (FHWA) and the Federal Transit Administration (FTA) have established a Transportation Performance Management (TPM) program, a strategic initiative designed to achieve national transportation performance goals. The intent is to measure progress towards national goals through a reliable data-driven process.

MPOs will be required to describe, for future TIPs, how the investment decisions behind TIP projects and strategies will work toward achieving the identified national performance goals. This will link investment priorities included in the TIP with State and

regionally established performance targets designed to meet the goals.

TPM goals, measures and targets will be established in the following areas: safety, infrastructure condition for pavement and bridges, congestion, system reliability on the national highway system, freight movements on the interstate, and air emissions. Once the performance measures are established at the federal level, state DOTs and MPOs must set quantifiable targets to gauge progress towards state and national goals. The schedule to establish targets varies by measure with MPO targets due 180 days from the establishment of state targets. The objective is for states and MPOs to invest resources in projects that collectively make progress towards the achievement of national goals.

▸ **Safety Performance Measure**

Safety targets were the first to be established and reported to FHWA by all DOTs and several MPOs. VTrans, CCRPC and other stakeholders collaborated through the winter and spring of 2017 to develop statewide targets for the five performance measures that were established under the safety category in support of the state’s Highway Safety Improvement Program (HSIP). VTrans established and reported their safety targets in the summer of 2017 and the CCRPC voted to accept the state targets and support them through programming.

The statewide 2018 safety targets are listed below:

- 5-Year Average Fatalities - 57.0
- 5-Year Fatality Rate - 0.830 per 100 million Vehicle Miles Traveled
- 5-Year Average Serious Injuries - 280.0 per 100 million Vehicle Miles Traveled
- 5-Year Average Serious Injury Rate - 4.0

5-Year Average Non-Motorized Fatalities and Non-Motorized Serious Injuries - 39.4

▸ **Other Performance Measures**

The established performance measures under the other criteria are listed below. Targets have not yet been established for these measures.

- Infrastructure Condition

Pavement

1. Percentage of pavement on the Interstate in good condition
2. Percentage of pavement on the Interstate in poor condition
3. Percentage of pavement on the non-Interstate National Highway System (NHS) in good condition
4. Percentage of pavement on the non-Interstate National Highway System (NHS) in poor condition

Bridges

1. Percentage of NHS bridges in good condition
2. Percentage of NHS bridges in poor condition

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

- National Highway System Reliability

1. Interstate travel time reliability
2. Non-Interstate NHS travel time reliability
3. Freight reliability measure (truck travel time)

- Air Emissions – percent change in tailpipe carbon dioxide (CO2) emissions on the National Highway System  
(NOTE: FHWA now proposes repeal of this measure)

**CCRPC Adoption Resolution to be Inserted**

## GLOSSARY

<b>ADA</b>	Americans with Disabilities Act of 1990. Federal legislation prohibiting discrimination on the basis of disability.	<b>FAA</b>	Federal Aviation Administration. The USDOT agency responsible for aviation related programs.
<b>Adaptive Signal Control</b>	Adaptive signal control technology adjusts the timing of red, yellow and green lights to accommodate changing traffic patterns and ease traffic congestion.	<b>FAST Act</b>	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 bill reforms and strengthens transportation programs, refocuses on national priorities, provides long-term certainty and more flexibility for states and local governments, streamlines project approval processes, and maintains a strong commitment to safety.
<b>AIP</b>	Airport Improvement Program. FAA program that assists the development of public-use airports by providing funding for airport planning and development projects.		
<b>BTV</b>	Burlington International Airport		
<b>CCRPC</b>	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.	<b>FHWA</b>	Federal Highway Administration. The USDOT agency responsible for roadway related programs.
<b>CIRC Alternative Project</b>	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.	<b>FRA</b>	Federal Railroad Administration. The USDOT agency responsible for railroad programs.
<b>CMAQ</b>	Congestion Mitigation and Air Quality Improvement Program. Federal funding program designed to address congestion and air quality issues through capital and operating projects.	<b>FTA</b>	Federal Transit Administration. The USDOT agency responsible for public transportation programs.
<b>CCTA</b>	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)	<b>FTA Section 5307</b>	FTA grant program for capital and operating assistance in urban areas over 50,000 in population.
<b>CON</b>	Construction. Project development phase in which the project is implemented.	<b>FTA Section 5309</b>	FTA grant program for capital programs such as buses and bus facilities.
<b>DDI</b>	Diverging diamond interchange. DDI is a new type of diamond interchange that increases capacity and reduces congestion.	<b>FTA Section 5310</b>	FTA grant program to States for assisting private non-profit groups in meeting the transportation needs of the elderly and persons with disabilities.
		<b>FTA Section 5339</b>	FTA funding program that provides capital funding to replace, rehabilitate and purchase buses and related equipment and to construct bus related facilities.
		<b>GMT</b>	Green Mountain Transit. The region’s public transportation provider.

## GLOSSARY

<b>HSIP</b>	Highway Safety Improvement Program (HSIP). A data-driven, strategic approach to improving highway safety on all public roads that focuses on performance.	<b>NHS</b>	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.
<b>ISTEA</b>	Intermodal Surface Transportation Efficiency Act of 1991. Federal legislation emphasizing innovation, intermodalism, and flexibility. The Act authorized \$151 billion over 6 years.	<b>Para-transit</b>	A demand-response transportation system catering to special needs populations such as the elderly and disabled.
<b>ITS</b>	Intelligent Transportation Systems. The application of technology to improve transportation system efficiency.	<b>PE</b>	Preliminary Engineering. Project development phase in which project design is determined.
<b>LTAP</b>	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.	<b>Round-about</b>	Non-signalized circular intersection with specific design and traffic control features to ensure low travel speeds and efficient traffic movement.
<b>MAB</b>	Municipal Assistance Bureau. VTrans program established to assist local governments with project implementation.	<b>ROW</b>	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.
<b>MAP-21</b>	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.	<b>SAFETEA-LU</b>	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.
<b>MPO</b>	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.	<b>Safety Program</b>	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.
<b>NHPP</b>	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.	<b>Scoping</b>	A phase in the project development process that moves a recognized problem from an idea through the development of alternatives and environmental screening.
		<b>Shared Use Path</b>	A path separated from vehicle traffic by barrier or open space usually on its own right-of-way.
		<b>SSTA</b>	Special Services Transportation Agency. Chittenden County based non-profit paratransit provider.

## GLOSSARY

<b>STIP</b>	Statewide Transportation Improvement Program. The State's four year list of fiscally constrained transportation projects planned for implementation statewide.	<b>TIP</b>	Transportation Improvement Program. The four year list of fiscally constrained transportation projects planned for implementation in the region.
<b>STP</b>	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.	<b>TOD</b>	Transit Oriented Design. High density and mixed use land development around transit system stops.
<b>TAP</b>	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.	<b>Traffic Calming</b>	A combination of measures to reduce the negative effects of vehicle use or to alter driver behaviors.
<b>TCSP</b>	Transportation, Community and System Preservation Program. Federal program that provides funding for planning grants, implementation grants, and research to investigate and address the relationships between transportation, community and system preservation.	<b>TSM</b>	Transportation Systems Management. Relatively low-cost improvements to improve transportation efficiency such as ITS applications or roundabouts.
<b>TDM</b>	Transportation Demand Management. The general term for strategies that result in more efficient use of transportation resources.	<b>USDOT</b>	United States Department of Transportation
<b>TEA 21</b>	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.	<b>VTrans (or VAOT)</b>	Vermont Agency of Transportation



**CCRPC TIP Map**

**To be Inserted**

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Section 2: FY2019–2022 TIP: Projects by Municipality

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# 2019-2022 CCRPC Transportation Improvement Program

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CCRPC # Project Location	FY19-22 Federal Funds				Other Project Information					
	FY19 Phase	FY20* Phase	FY21* Phase	FY22* Phase	Total Cost fed+state+local in 2018 Dollars	Fed. Funds Obligated Thru FY17	FY18 Fed Funds Phase	Project Use Category	Federal Funding Source	Remarks
<b>Burlington</b>										
RR007 <b>Burlington Train Station Platform</b>	\$96,600 PE	\$899,438 CON			Total: \$1,803,814 PE: \$178,814 ROW: CON: \$1,625,000			Rail	TIGER VII  54 % Federal 46 % State 0 % Local	Modify Burlington train station platform to accommodate AMTRAK service.  <b>VTrans PM:</b> Libby, Paul
VTrans Number: PLAT(3)										
BP078 <b>Champlain Elementary Pedestrian Crossing Improvements</b>	\$330,000 CON				Total: \$490,000 PE: \$80,000 ROW: \$5,000 CON: \$405,000	\$64,864		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.  <b>VTrans PM:</b> Robertson, Thad
Birchcliff and Locust VTrans Number: STP BP13(6)										
HC001A <b>Champlain Parkway - US7 to Main Street</b>	\$2,000,000 CON	\$11,275,000 CON	\$11,556,875 CON	\$9,961,238 CON	Total: PE: ROW: CON: \$35,000,000			New Facility/ Major Roadway Upgrade	STP  95 % Federal 3 % State 2 % Local	VTrans to use advance construction funding. PE and ROW included under HC001E.  <b>VTrans PM:</b> Bohl, Tina
US7 to Main Street VTrans Number: MEGC-M 5000(1)										
BP092A <b>Colchester Avenue Sidepath - Phase I</b>	\$25,600 PE/ROW	\$142,750 CON			Total: \$275,437 PE: \$77,000 ROW: \$5,000 CON: \$193,437	\$40,000		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.  <b>VTrans PM:</b> Kaplan, Jon
East Avenue to Mansfield Avenue VTrans Number: STP SDWK(19)										

\* Future project costs escalated at a rate of 2.5% per year.

CCRPC # Project Location	FY19-22 Federal Funds				Other Project Information					
	FY19 Phase	FY20* Phase	FY21* Phase	FY22* Phase	Total Cost fed+state+local in 2018 Dollars	Fed. Funds Obligated Thru FY17	FY18 Fed Funds Phase	Project Use Category	Federal Funding Source	Remarks
BP092B <b>Colchester Avenue Sidepath - Phase II</b>  Mansfield Avenue to South Prospect Street <b>VTrans Number:</b> STP BP15(7)			\$77,840 CON		Total: \$96,000 PE: ROW: CON: \$96,000			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.  <b>VTrans PM:</b> Kaplan, Jon
BP090 <b>North Avenue Crosswalks</b>  <b>VTrans Number:</b> TAP TA15(1)		\$180,316 CON			Total: \$274,250 PE: \$27,500 ROW: CON: \$246,750	\$40,000		Bike/ Pedestrian	STP  80 % Federal 0 % State 20 % Local	2015 Transportation Alternatives award (\$220,316) to construct 5 pedestrian crossings of North Avenue.  <b>VTrans PM:</b> Robertson, Scott
RR006 <b>Rail Crossing Safety Improvements - College Street</b>  <b>VTrans Number:</b> STP 2035(15)	\$1,035,000 CON				Total: \$1,351,106 PE: \$201,106 ROW: CON: \$1,150,000	\$44,000	\$508,500 CON	Safety/Traffic Operations/ ITS	Section 130 Rail Grade Crossing  90 % Federal 10 % State 0 % Local	<b>VTrans PM:</b> Libby, Paul
HC015 <b>Railyard Enterprise Project</b>  Waterfront South Area <b>VTrans Number:</b> BREP(2)				\$400,000 PE	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.  <b>VTrans PM:</b> Perrigo, Joel
HP085 <b>Shelburne Street Roundabout</b>  Shelburne St/South Willard St/St. Paul St <b>VTrans Number:</b> HES 5000(18)	\$240,000 PE/ROW	\$1,537,500 CON	\$5,941,284 CON		Total: \$8,175,000 PE: \$910,000 ROW: \$110,000 CON: \$7,155,000	\$680,000	\$100,000 ROW	Safety/Traffic Operations/ ITS	Safety  100 % Federal 0 % State  0 % Local	Construction of a roundabout, drainage and associated work.  <b>VTrans PM:</b> LaCroix, Mike

\* Future project costs escalated at a rate of 2.5% per year.

CCRPC # Project Location	FY19-22 Federal Funds				Other Project Information					
	FY19 Phase	FY20* Phase	FY21* Phase	FY22* Phase	Total Cost fed+state+local in 2018 Dollars	Fed. Funds Obligated Thru FY17	FY18 Fed Funds Phase	Project Use Category	Federal Funding Source	Remarks
OT035 <b>Stormwater Management Improvements on Main Street</b>		\$475,000 CON			Total: \$593,750 PE: ROW: CON: \$593,750			Stormwater/ Environmental	STP  80 % Federal 0 % State 20 % Local	Municipal Highway and Stormwater Mitigation Program award (\$475,000)  <b>VTrans PM:</b> Perrigo, Joel
<b>Burlington Int. Airport</b>										
AV002 <b>Airfield Projects</b>	\$11,500,000	\$3,750,000	\$2,777,778	\$1,944,444	Total: PE: ROW: CON:		\$13,000,000	Aviation	AIP  95 % Federal 3 % State 2 % Local	Move/construct Taxiway G north; rehabilitate customs/cargo apron; new glycol treatment system; mill and overlay runway asphalt. BIA project - for information only.  <b>VTrans PM:</b> Air
Burlington International Airport <b>VTrans Number:</b>										
AV005 <b>Noise Mitigation Implementation</b>	\$1,870,000	\$1,895,000	\$2,000,000	\$2,200,000	Total: PE: ROW: CON:		\$2,270,000	Aviation	AIP  95 % Federal 3 % State 2 % Local	Land acquisition and noise mitigation. BIA project - for information only.  <b>VTrans PM:</b> Air
Burlington International Airport <b>VTrans Number:</b>										
AV003 <b>Terminal Apron and Building Projects</b>		\$1,500,000	\$1,111,111	\$1,944,444	Total: PE: ROW: CON:			Aviation	AIP  95 % Federal 3 % State 2 % Local	Terminal and apron upgrades. BIA project - for information only.  <b>VTrans PM:</b> Air
Burlington International Airport <b>VTrans Number:</b>										

\* Future project costs escalated at a rate of 2.5% per year.

CCRPC # Project Location	FY19-22 Federal Funds				Other Project Information					
	FY19 Phase	FY20* Phase	FY21* Phase	FY22* Phase	Total Cost fed+state+local in 2018 Dollars	Fed. Funds Obligated Thru FY17	FY18 Fed Funds Phase	Project Use Category	Federal Funding Source	Remarks
<b>Charlotte</b>										
RR008 Charlotte Rail Bridge over Thorp Brook					Total: \$525,000 PE: \$125,000 ROW: CON: \$400,000			Rail	State  0 % Federal 100 % State 0 % Local	Rehab bridge 252.7 over Thorp Brook. State funds only. Construction in 2020.
VTrans Number: VTRY()	State funds only									
RR009 Rail Crossing Improvements at Thompson Point Road	\$112,500 PE/CON				Total: \$125,000 PE: \$50,000 ROW: CON: \$75,000			Rail	Section 130 Rail Grade Crossing  90 % Federal 10 % State 0 % Local	
VTrans Number: STP 2035()										
HP019A US7 Reconstruction					Total: \$19,617,810 PE: \$2,331,705 ROW: \$925,000 CON: \$16,360,922	\$15,679,676	\$2,000,000 CON	Roadway Corridor Improvement	NHPP  95 % Federal 5 % State 0 % Local	Balance of project cost to be funded with SAFETEA-LU earmark (project HP019B).
Ferrisburg line north 2.9 miles VTrans Number: FEGC 019-4(20)	Funds to be obligated in FY18									
HP131 US7/Ferry Road Traffic Signal Upgrade	\$475,000 CON				Total: \$535,000 PE: \$60,000 ROW: CON: \$475,000	\$30,000	\$60,000 PE	Safety/Traffic Operations/ ITS	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 Number: NHG SGNL(49)										

\* Future project costs escalated at a rate of 2.5% per year.

CCRPC # Project Location	FY19-22 Federal Funds				Other Project Information						
	FY19 Phase	FY20* Phase	FY21* Phase	FY22* Phase	Total Cost fed+state+local in 2018 Dollars	Fed. Funds Obligated Thru FY17	FY18 Fed Funds Phase	Project Use Category	Federal Funding Source	Remarks	
<b>Colchester</b>											
HP119 Blakely Road/Laker Lane Intersection Improvements	\$525,000 CON				Total: \$655,000 PE: \$125,000 ROW: \$5,000 CON: \$525,000	\$44,594	\$425,000 ROW/CON	Safety/Traffic Operations/ ITS	STP  100 % Federal 0 % State 0 % Local	CIRC Alt Phase III project.	
VTrans Number: STP 5600(21)	CIRC Alternative Project										<b>VTrans PM:</b> DeForge, Ande
HP102 Exit 16 Improvements	\$250,000 ROW	\$2,050,000 CON	\$4,202,500 CON	\$2,207,626 CON	Total: \$10,050,000 PE: \$1,750,000 ROW: \$250,000 CON: \$8,050,000	\$850,000	\$900,000 PE/ROW	New Facility/ Major Roadway Upgrade	Safety  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. PE included \$200,000 in Section 164 funds.	
VTrans Number: HES NH 5600(14)	CIRC Alternative Project										<b>VTrans PM:</b> LaCroix, Mike
IN014 Exit 16 Park and Ride					Total: \$2,406,179 PE: \$225,000 ROW: \$1,020,000 CON: \$1,161,179	\$1,924,910	\$800,000 CON	Intermodal	CMAQ  100 % Federal 0 % State 0 % Local		
VTrans Number: CMG PARK(47)	Funds to be obligated in FY18										<b>VTrans PM:</b> Bohl, Tina
BR050 Exit 17 Improvements	\$2,225,000 PE	\$820,000 ROW		\$10,768,906 CON	Total: \$36,025,000 PE: \$2,225,000 ROW: \$800,000 CON: \$33,000,000	\$200,000		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. CON in 2022- 2024.	
VTrans Number: NH 028-1(31)											<b>VTrans PM:</b> Coburn, Patti

\* Future project costs escalated at a rate of 2.5% per year.

CCRPC # Project Location	FY19-22 Federal Funds				Other Project Information					
	FY19 Phase	FY20* Phase	FY21* Phase	FY22* Phase	Total Cost fed+state+local in 2018 Dollars	Fed. Funds Obligated Thru FY17	FY18 Fed Funds Phase	Project Use Category	Federal Funding Source	Remarks
BP068 <b>Fort Ethan Allen Sidewalk Improvements</b>					Total: \$652,999 PE: \$100,000 ROW: \$32,999 CON: \$520,000	\$398,384		Bike/ Pedestrian	SAFETEA-LU Earmark	Project to use unexpended earmark funds from project HC009 Campus Connector -- SAFETEA-LU (\$352,519) and Sec 129 (\$21,541)
VTrans Number: STP 5600(15)		Remove							80 % Federal 0 % State 20 % Local	<b>VTrans PM:</b> Robertson, Thad
OT039 <b>Implementation of Stormwater Best Management Practices in Moorings Stream Watershed</b>	\$44,250 PE	\$250,920 CON			Total: \$369,000 PE: \$55,350 ROW: CON: \$313,650		\$44,250 PE	Stormwater/ Environmental	STP	2018 Transportation Alternatives award (\$295,200)
VTrans Number: TAP TA18(1)									80 % Federal 0 % State 20 % Local	<b>VTrans PM:</b> Lemieux, Jon
BP096 <b>Mountain View Drive Sidewalk</b>					Total: \$465,981 PE: \$65,981 ROW: \$30,000 CON: \$370,000	\$303,139		Bike/ Pedestrian	STP	2015 CCRPC Sidewalk grant (\$75,000); 2016 CCRPC Sidewalk grant (\$82,639); 2016 Bike/Ped (\$179,500)
US7 to Water Tower Circle VTrans Number: STP BP16(6)/ STP SDWK(20)		Funds to be obligated in FY18							80 % Federal 0 % State 20 % Local	<b>VTrans PM:</b> Perrigo, Joel
OT033 <b>Phosphorous Control Plan</b>					Total: \$50,000 PE: \$50,000 ROW: CON:		\$40,000 Scoping	Stormwater/ Environmental	STP	Municipal Highway and Stormwater Mitigation Program award
VTrans Number: STP MM18(1)		Funds to be obligated in FY18							80 % Federal 0 % State 20 % Local	<b>VTrans PM:</b> Robertson, Scott
HP118 <b>Prim Road/West Lakeshore Drive Intersection Improvements</b>	\$50,000 ROW	\$1,435,000 CON	\$630,375 CON		Total: \$2,350,000 PE: \$300,000 ROW: \$50,000 CON: \$2,000,000	\$235,132	\$100,000 ROW	Safety/ Traffic Operations/ ITS	STP	CIRC Alt Phase III project.
VTrans Number: STP 5600(20)		CIRC Alternative Project							100 % Federal 0 % State 0 % Local	<b>VTrans PM:</b> Deforge, Ande

\* Future project costs escalated at a rate of 2.5% per year.



CCRPC # Project Location	FY19-22 Federal Funds				Other Project Information					
	FY19 Phase	FY20* Phase	FY21* Phase	FY22* Phase	Total Cost fed+state+local in 2018 Dollars	Fed. Funds Obligated Thru FY17	FY18 Fed Funds Phase	Project Use Category	Federal Funding Source	Remarks
HP110 <b>Severance Corners Intersection Project</b>  US7/Town Highway 7/Town Highway 9 <b>VTrans Number:</b> STPG 5600(17)		\$205,000 ROW		\$3,930,651 CON	Total: \$4,448,257 PE: \$600,000 ROW: \$200,000 CON: \$3,648,257	\$200,000	\$280,000 PE	Safety/ Traffic Operations/ ITS	STP  100 % Federal 0 % State 0 % Local	CIRC Alt Phase II implementation project.       <b>VTrans PM:</b> Lacroix, Mike
HP117 <b>Severance Road Path and Intersection Improvements</b>  <b>VTrans Number:</b>					Total: \$2,400,000 PE: ROW: CON:			Roadway Corridor Improvement	STP  80 % Federal 20 % State 0 % Local	Circ Alt Phase III project. Includes a new shared use path and improvements to Severance Rd/Mill Pond Rd intersection.   <b>VTrans PM:</b> CIRC Alternative
HP003 <b>VT2A Improvements</b>  Colchester Village <b>VTrans Number:</b> 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.   <b>VTrans PM:</b> Coburn, Patti
HP037 <b>VT2A/US7/Creek Rd/Bay Rd Intersection</b>  <b>VTrans Number:</b> STP 5600(9)S					Total: \$7,754,281 PE: \$1,250,000 ROW: \$770,000 CON: \$5,754,281	\$5,225,065	\$906,120 CON	Safety/ Traffic Operations/ ITS	STP  80 % Federal 20 % State 0 % Local	       <b>VTrans PM:</b> Parizo, Erin
BP070 <b>West Lakeshore Drive Path</b>  Church Road to Prim Road <b>VTrans Number:</b> STP BP15(4)/ STP SDWK(16)/ TAP TA13(5)	\$800,000 CON				Total: \$1,407,693 PE: \$307,693 ROW: \$100,000 CON: \$1,000,000	\$147,835	\$1,520,000 ROW/CON	Bike/ Pedestrian	STP  80 % Federal % State % Local	Project includes 2013 TA (\$250,000); 2015 TA (\$300,000); 2013 CCRPC Sidewalk (\$139,835); 2014 CCRPC Sidewalk (\$147,200); 2015 Bike/Ped (\$431,345).  <b>VTrans PM:</b> Gurley, Scott

\* Future project costs escalated at a rate of 2.5% per year.

CCRPC # Project Location	FY19-22 Federal Funds				Other Project Information					
	FY19 Phase	FY20* Phase	FY21* Phase	FY22* Phase	Total Cost fed+state+local in 2018 Dollars	Fed. Funds Obligated Thru FY17	FY18 Fed Funds Phase	Project Use Category	Federal Funding Source	Remarks
<b>Colchester-Essex</b>										
BP069 VT15 Multiuse Path  Lime Kiln Road to Susie Wilson Road VTrans Number: NH 030-1(34)	\$60,000 ROW		\$1,138,933 CON		Total: \$1,730,066 PE: \$300,000 ROW: \$75,000 CON: \$1,355,066	\$162,160	\$60,000 ROW	Bike/ Pedestrian	STP  80 % Federal 20 % State 0 % Local	CIRC Alternatives Phase II implementation project.          <b>VTrans PM:</b> Parizo, Erin
CIRC Alternative Project										
<b>Essex</b>										
BR048 Alder Brook Culvert (BR2) on VT117  VTrans Number: BF 5400(9)	\$16,000 ROW		\$1,050,625 CON	\$706,440 CON	Total: \$2,330,000 PE: \$240,000 ROW: \$20,000 CON: \$2,070,000	\$147,296	\$92,000 PE	Bridge	STP  80 % Federal 20 % State 0 % Local	Replacement of a failed buried structure on VT117 carrying Alder Brook.          <b>VTrans PM:</b> Young, Robert
<b>Essex</b>										
BP091 Pinecrest Drive Sidewalk  VT2A to Suffolk Lane VTrans Number: TAP TA15(4)	\$174,216 CON				Total: \$357,770 PE: \$115,000 ROW: \$25,000 CON: \$217,770	\$100,000	\$194,215 ROW/CON	Bike/ Pedestrian	STP  80 % Federal 0 % State 20 % Local	2015 Transportation Alternatives grant (\$286,216)          <b>VTrans PM:</b> Perrigo, Joel
<b>Essex</b>										
OT038 Road Erosion Inventory  VTrans Number:					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)          <b>VTrans PM:</b>
Funds to be obligated in FY18										

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CCRPC # Project Location	FY19-22 Federal Funds				Other Project Information					
	FY19 Phase	FY20* Phase	FY21* Phase	FY22* Phase	Total Cost fed+state+local in 2018 Dollars	Fed. Funds Obligated Thru FY17	FY18 Fed Funds Phase	Project Use Category	Federal Funding Source	Remarks
OT036 <b>Stormwater Detention Pond Design and Construction at LDS Church</b>	\$9,770 ROW	\$381,730 CON			Total: \$1,346,185 PE: \$244,200 ROW: \$27,490 CON: \$1,074,495		\$86,765 PE	Stormwater/ Environmental	STP  35 % Federal 45 % State 20 % Local	Municipal Highway and Stormwater Mitigation Program award (\$478,265 fed, \$598,683 state)
VTrans Number: STP MM18(9)										
OT040 <b>Stormwater System Retrofit with Infiltration Systems and Stabilized Outfalls for Three Cul- de-sacs</b>	\$4,400 ROW	\$217,461 CON			Total: \$338,924 PE: \$61,622 ROW: \$5,500 CON: \$271,802		\$49,278 PE	Stormwater/ Environmental	STP  80 % Federal  0 % State 20 % Local	2018 Transportation Alternatives award (\$271,139)
Acorn Circle, Sage Circle, Oakwood Lane										
VTrans Number: TAP TA18(2)										
HP120 <b>Susie Wilson Road Corridor and Intersection Improvements</b>	\$150,000 Scoping				Total: \$8,500,000 PE: \$150,000 ROW: CON:			Roadway Corridor Improvement	STP  100 % Federal 0 % State 0 % Local	CIRC Alt Phase III project. Includes improvements to VT15/Susie Wilson Rd and Susie Wilson/Kellogg Rd
VTrans Number: STP 5400(11)      CIRC Alternative Project - Funding schedule to be determined										
OT025 <b>Sydney Drive Detention Pond</b>	\$12,000 ROW	\$172,000 CON			Total: \$315,000 PE: \$85,000 ROW: \$15,000 CON: \$215,000	\$68,000	\$175,954 CON	Stormwater/ Environmental	STP  80 % Federal 0 % State 20 % Local	2016 TA award (\$243,954) for retrofit of a detention pond in a wooded area adjacent to Sydney Drive.
VTrans Number: TAP TA16(5)										

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CCRPC # Project Location	FY19-22 Federal Funds				Other Project Information					
	FY19 Phase	FY20* Phase	FY21* Phase	FY22* Phase	Total Cost fed+state+local in 2018 Dollars	Fed. Funds Obligated Thru FY17	FY18 Fed Funds Phase	Project Use Category	Federal Funding Source	Remarks
BP086 Towers Road Sidewalk	\$175,240 ROW/CON				Total: \$284,050 PE: \$65,000 ROW: \$50,000 CON: \$169,050	\$72,972	\$134,593 ROW/CON	Bike/ Pedestrian	STP  80 % Federal 10 % State 10 % Local	2014 Bike/Ped award (\$175,133) for 1,000 feet of sidewalk along Towers Road.  <b><u>VTrans PM:</u></b> Perrigo, Joel
VTrans Number: STP BP14(7)										
HP098B VT117 Paving	\$779,628 CON				Total: \$4,958,422 PE: \$200,662 ROW: CON: \$4,757,760	\$162,160	\$3,026,580 CON	Paving	NHPP  80 % Federal 20 % State 0 % Local	1.2 miles east of 5-Corners to Jericho Town Line.  <b><u>VTrans PM:</u></b> Kipp, Brandon
VTrans Number: NH 2931(2)										
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.  <b><u>VTrans PM:</u></b> CIRC Alternative
VTrans Number:		CIRC Alternative Project - Funding schedule to be determined								
HP121 VT117/North Williston Road Intersection Improvements		\$51,250 ROW		\$3,096,061 CON	Total: \$3,175,000 PE: \$250,000 ROW: \$50,000 CON: \$2,875,000		\$250,000 PE	Safety/Traffic Operations/ ITS	STP  100 % Federal 0 % State 0 % Local	CIRC Alt Phase III project.  <b><u>VTrans PM:</u></b> LaCroix, Mike
VTrans Number: STP 5400(10)			CIRC Alternative Project							
BR060 VT128 Culvert BR1 Carrying Alder Brook	\$400,000 CON				Total: \$510,000 PE: \$10,000 ROW: CON: \$500,000			Bridge	STP  80 % Federal 0 % State 20 % Local	<b><u>VTrans PM:</u></b>
VTrans Number: BM19501										

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CCRPC # Project Location	FY19-22 Federal Funds				Other Project Information					
	FY19 Phase	FY20* Phase	FY21* Phase	FY22* Phase	Total Cost fed+state+local in 2018 Dollars	Fed. Funds Obligated Thru FY17	FY18 Fed Funds Phase	Project Use Category	Federal Funding Source	Remarks
BP081 VT15 Sidewalk - Old Stage Road to Essex Way					Total: \$160,000 PE: ROW: CON:			Bike/ Pedestrian	STP	CIRC Alt Phase III project.
VTrans Number:	CIRC Alternative Project - Funding schedule to be determined								80 % Federal 20 % State 0 % Local	<u>VTrans PM:</u> Coburn, Patti
HP082 VT15/Sand Hill Road Intersection Improvements			\$262,656 CON	\$878,154 CON	Total: \$1,340,453 PE: \$200,000 ROW: \$75,000 CON: \$1,065,453	\$200,000	\$75,000 ROW	Safety/ Traffic Operations/ ITS	STP	CIRC Alt Phase II implementation project. Scoping completed February 2008.
VTrans Number: STPG 030-1(22)	CIRC Alternative Project								100 % Federal 0 % State 0 % Local	<u>VTrans PM:</u> Sisson, Taylor
HP101B VT2A/VT289 Intersection					Total: \$1,874,265 PE: \$235,000 ROW: CON: \$1,639,265	\$225,000	\$1,467,400 CON	Safety/ Traffic Operations/ ITS	STP	CIRC Alt Project. Phase II includes geometric changes to the intersection.
Phase II Improvements VTrans Number: STP 5400(7)	CIRC Alternative Project - Funds to be obligated in FY18								100 % Federal 0 % State 0 % Local	<u>VTrans PM:</u> Coburn, Patti
<b>Essex Junction</b>										
OT026 Creek Condominiums Stormwater Project	\$16,000 ROW	\$88,000 CON			Total: \$190,000 PE: \$60,000 ROW: \$20,000 CON: \$110,000	\$48,000		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)									80 % Federal 0 % State 20 % Local	<u>VTrans PM:</u> Perrigo, Joel
HC014 Crescent Connector	\$3,800,000 CON				Total: \$7,299,639 PE: \$1,000,000 ROW: \$299,639 CON: \$6,000,000	\$1,054,040	\$1,000,000 CON	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 VTrans Number: STP 5300(13)	CIRC Alternative Project								80 % Federal 20 % State 0 % Local	<u>VTrans PM:</u> Perrigo, Joel

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CCRPC # Project Location	FY19-22 Federal Funds				Other Project Information					
	FY19 Phase	FY20* Phase	FY21* Phase	FY22* Phase	Total Cost fed+state+local in 2018 Dollars	Fed. Funds Obligated Thru FY17	FY18 Fed Funds Phase	Project Use Category	Federal Funding Source	Remarks
HP124B <b>Paving VT15 (Pearl-Main) and VT117 (Maple)</b> National Highway System <b>VTrans Number:</b> NH 2956(2)					Total: \$3,281,896 PE: \$207,751 ROW: CON: \$3,074,145	\$2,723,620		Paving	NHPP  80 % Federal 20 % State 0 % Local	Paving Class I Town Highway Routes on National Highway System in Essex Junction.  <b>VTrans PM:</b> Fowler, Mike
HP124A <b>Paving VT2A (Park-Lincoln)</b> Non-National Highway System <b>VTrans Number:</b> STP 2956(1)					Total: \$1,871,664 PE: \$152,049 ROW: CON: \$1,719,615	\$1,536,144		Paving	STP  80 % Federal 20 % State 0 % Local	Paving of Class I Town Highways in Essex Junction (non-NHS)  <b>VTrans PM:</b> Fowler, Mike
HP111 <b>Pearl Street Improvements</b> Post Office Square to 5-Corners <b>VTrans Number:</b> STP 5300(14)					Total: \$2,960,000 PE: \$250,000 ROW: \$50,000 CON: \$2,660,000	\$2,145,717	\$1,700,000 CON	Roadway Corridor Improvement	STP  80 % Federal 20 % State 0 % Local	CIRC Alternatives Phase II implementation project.  <b>VTrans PM:</b> Perrigo, Joel
OT034 <b>Phosphorous Control Plan</b>  <b>VTrans Number:</b> STP MM18(2)					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  <b>VTrans PM:</b>
OT041 <b>Purchase of Vacuum Flusher/Pipeline Truck</b>  <b>VTrans Number:</b> TAP TA18(3)	\$283,000				Total: \$353,750 PE: ROW: CON:			Stormwater/ Environmental	STP  80 % Federal 0 % State 20 % Local	2018 Transportation Alternatives award (\$283,000)  <b>VTrans PM:</b>

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CCRPC # Project Location	FY19-22 Federal Funds				Other Project Information					
	FY19 Phase	FY20* Phase	FY21* Phase	FY22* Phase	Total Cost fed+state+local in 2018 Dollars	Fed. Funds Obligated Thru FY17	FY18 Fed Funds Phase	Project Use Category	Federal Funding Source	Remarks
<b>Essex, Williston</b>										
HP126 <b>Signal Upgrades on VT2A and VT15</b>  Locations on US2, VT15 and VT2A <b>VTrans Number:</b> STPG SGNL(46)					Total: \$3,375,000 PE: \$275,000 ROW: CON: \$3,100,000	\$1,854,000	\$2,089,000 CON	Safety/Traffic Operations/ ITS	STP  100 % Federal 0 % State 0 % Local	Signal upgrades and associated improvements at 18 intersections on VT2A in Williston and VT15 in Essex.  <b>VTrans PM:</b> LaCroix, Mike
<b>CIRC Alternative Project - Funds to be obligated in FY18</b>										
<b>Essex-Underhill</b>										
HP132 <b>VT15 Paving</b>  MM 3.26 to MM 4.351 <b>VTrans Number:</b> STP PS19(6)	\$1,600,000 CON	\$3,878,600 CON			Total: \$7,030,000 PE: \$300,000 ROW: CON: \$6,730,000	\$59,458	\$132,000 PE	Paving	STP  80 % Federal 20 % State 0 % Local	<b>VTrans PM:</b> Kipp, Brandon
<b>Hinesburg</b>										
BR053 <b>BR24 (Cattle-pass) on VT116</b>  North of North Road <b>VTrans Number:</b> BF 021-1(35)	\$28,000 ROW	\$707,250 CON			Total: \$947,500 PE: \$50,000 ROW: \$35,000 CON: \$862,500	\$28,000		Bridge	STP  80 % Federal 20 % State 0 % Local	Replace a failing cattle underpass  <b>VTrans PM:</b> McCarthy, J.B.
BP066 <b>Village North Sidewalk</b>  VT116 from Commerce Street to Riggs Road <b>VTrans Number:</b> STP BIKE(54)	\$124,000 CON				Total: \$255,000 PE: \$85,000 ROW: \$15,000 CON: \$155,000	\$81,080	\$124,000 CON	Bike/ Pedestrian	STP  80 % Federal 10 % State  10 % Local	2012 Bike/Ped grant (\$190,538)  <b>VTrans PM:</b> Kaplan, Jon

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CCRPC # Project Location	FY19-22 Federal Funds				Other Project Information					
	FY19 Phase	FY20* Phase	FY21* Phase	FY22* Phase	Total Cost fed+state+local in 2018 Dollars	Fed. Funds Obligated Thru FY17	FY18 Fed Funds Phase	Project Use Category	Federal Funding Source	Remarks
BP098 <b>Village South Sidewalk</b>	\$4,000 ROW	\$96,000 CON			Total: \$165,000 PE: \$40,000 ROW: \$5,000 CON: \$120,000	\$32,054		Bike/ Pedestrian	STP	2016 Bike/Ped grant (\$120,500)
VT116 from School to Friendship Lane VTrans Number: STP BP16(11)									80 % Federal 0 % State 20 % Local	VTrans PM: Robertson, Thad
HP058 <b>VT116/CVU Road Improvements</b>	\$250,000 CON	\$2,688,329 CON			Total: \$3,572,760 PE: \$550,000 ROW: \$150,000 CON: \$2,872,760	\$430,202	\$1,874,759 CON	Safety/Traffic Operations/ ITS	STP	Improvements including left turn lanes on VT116. Section 164 funds used for PE.
VT116/TH1/TH7 VTrans Number: HES 021-1(19)									100 % Federal 0 % State 0 % Local	VTrans PM: Coburn, Patti
<b>Huntington</b>										
BR055 <b>BR32 on Camels Hump Road</b>	\$200,000 PE				Total: \$250,000 PE: \$250,000 ROW: CON:		\$16,000 Scoping	Bridge	STP	
VTrans Number: BP 1445(38)		Construction schedule to be determined							80 % Federal 10 % State 10 % Local	VTrans PM:
BR045 <b>Bridge 8 on Main Road (South of Moody Road)</b>					Total: \$1,949,153 PE: \$284,536 ROW: \$20,000 CON: \$1,644,617	\$1,599,693		Bridge	STP	Sheldrake Bridge
BR8 on FAS0211 over Huntington River VTrans Number: BF 0211(32)		Remove							80 % Federal 15 % State 5 % Local	VTrans PM: Young, Robert

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CCRPC # Project Location	FY19-22 Federal Funds				Other Project Information					
	FY19 Phase	FY20* Phase	FY21* Phase	FY22* Phase	Total Cost fed+state+local in 2018 Dollars	Fed. Funds Obligated Thru FY17	FY18 Fed Funds Phase	Project Use Category	Federal Funding Source	Remarks
<b>Interstate/Expressway</b>										
OT032 <b>Allen Brook Stormwater Flow Restoration</b>  Allen Brook <b>VTrans Number:</b> IM SWFR(1)	\$657,000 CON				Total: \$1,030,000 PE: \$300,000 ROW: CON: \$730,000	\$22,500	\$112,500 PE	Stormwater/ Environmental	IM  90 % Federal 10 % State 0 % Local	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 will be within the state highway right-of-way.  <b><u>VTrans PM:</u></b> Devlin, Jesse
BR056 <b>I-189 Culvert, South Burlington</b>  MM 1.2 <b>VTrans Number:</b> IM SCRP(21)				Remove	Total: \$229,250 PE: \$50,000 ROW: CON: \$179,250	\$310,166		Bridge	NHPP  90 % Federal 10 % State 0 % Local	<b><u>VTrans PM:</u></b> Upmal, Ken
BR047 <b>I-89 Bridge Rehabilitation, Bolton</b>  Culvert 51-3 Carrying Notch Road <b>VTrans Number:</b> IM 089-2(45)		\$277,450 CON			Total: \$410,759 PE: \$110,000 ROW: CON: \$300,759	\$76,500		Bridge	NHPP  90 % Federal 10 % State 0 % Local	<b><u>VTrans PM:</u></b> McCarthy, J.B.
BR032 <b>I-89 Bridge Rehabilitation, Colchester</b>  BR76 (Bay Road) and BR77 (Mallets Creek) <b>VTrans Number:</b> IM 089-3(69)		\$5,125,000 CON	\$3,454,770 CON		Total: \$10,172,452 PE: \$963,230 ROW: CON: \$9,209,222	\$347,580		Bridge	NHPP  90 % Federal 10 % State  0 % Local	Necessary rehabilitation of bridges 76 N&S and 77 N&S. Project schedule to be coordinated with Colchester Exit 16 Project (HP102).  <b><u>VTrans PM:</u></b> Summer, Todd

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CCRPC # Project Location	FY19-22 Federal Funds				Other Project Information					
	FY19 Phase	FY20* Phase	FY21* Phase	FY22* Phase	Total Cost fed+state+local in 2018 Dollars	Fed. Funds Obligated Thru FY17	FY18 Fed Funds Phase	Project Use Category	Federal Funding Source	Remarks
BR041 <b>I-89 Culvert Improvements, South Burlington</b>  Culverts 63 and 64. <b>VTrans Number:</b> IM CULV(24)					Total: \$11,464,845 PE: \$306,209 ROW: CON: \$11,158,636	\$6,379,000	\$6,187,689 CON	Bridge	NHPP  95 % Federal 5 % State 0 % Local	Design build project.   <b>VTrans PM:</b> Mahendratnam, T
HP136 <b>I-89 Paving, Colchester - Swanton</b>  Exit 16 to Exit 20 <b>VTrans Number:</b> IM SURF(56)				Remove	Total: \$8,801,000 PE: \$45,000 ROW: CON: \$8,756,000	\$4,682,263		Paving	NHPP  90 % Federal 10 % State 0 % Local	50 percent of project length in Chittenden County  <b>VTrans PM:</b> Fowler, Mike
HP133 <b>I-89 Paving, Waterbury- Richmond</b>  NB and SB lanes, MM 66 to MM 79 <b>VTrans Number:</b> IM SURF(58)	\$5,340,600 CON				Total: \$6,950,000 PE: \$50,000 ROW: CON: \$6,900,000			Paving	NHPP  90 % Federal 10 % State 0 % Local	86 percent of project length in Chittenden County  <b>VTrans PM:</b> Kipp, Brandon
HP130 <b>I-89 U-Turn Widening, Milton</b>  <b>VTrans Number:</b> IM 089-3(76)				Remove	Total: \$770,361 PE: \$60,000 ROW: CON: \$710,361	\$693,278		Roadway Corridor Improvement	IM  90 % Federal 10 % State 0 % Local	Widening an existing U-turn at mm 100.9 and construct a new U-turn at mm 102.7 in Milton  <b>VTrans PM:</b>
BR059 <b>Richmond BR29 on US2 over I- 89</b>  <b>VTrans Number:</b> IM 089-2(52)	\$162,000 PE			Construction schedule to be determined	Total: PE: \$180,000 ROW: CON:			Bridge	IM  90 % Federal 10 % State 0 % Local	New bridge on new alignment adjacent to existing bridge.  <b>VTrans PM:</b> Wark, Nicholas

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CCRPC # Project Location	FY19-22 Federal Funds				Other Project Information					
	FY19 Phase	FY20* Phase	FY21* Phase	FY22* Phase	Total Cost fed+state+local in 2018 Dollars	Fed. Funds Obligated Thru FY17	FY18 Fed Funds Phase	Project Use Category	Federal Funding Source	Remarks
<b>Jericho</b>										
BP083 Browns River Middle School and Union ID School Crossing Improvements  VTrans Number: STP BP14(2)					Total: \$233,200 PE: \$40,000 ROW: CON: \$193,200	\$32,432	\$154,560 CON	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.  <b>VTrans PM:</b> Bohl, Tina
				<b>Funds to be obligated in FY18</b>						
BP065B Browns Trace Multimodal Connection  Pratt Road to Lee River Road - Segment 2 VTrans Number: STP BP15(10)	\$20,000 ROW		\$308,000 CON		Total: \$460,000 PE: \$50,000 ROW: \$25,000 CON: \$385,000	\$40,540		Bike/ Pedestrian	STP  80 % Federal 10 % State 10 % Local	2015 Bike/Ped award (\$352,700)  <b>VTrans PM:</b> Perrigo, Joel
BP100 Lee River Road Sidewalk  VTrans Number: TAP TA17(1)		\$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  <b>VTrans PM:</b>
HP093 VT15/Browns Trace Intersection Improvements  VTrans Number: STP HES 030-1(21)					Total: \$2,593,085 PE: \$480,000 ROW: \$200,000 CON: \$1,913,085	\$1,803,842	\$209,338 CON	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.  <b>VTrans PM:</b> Parizo, Erin
				<b>Funds to be obligated in FY18</b>						

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CCRPC # Project Location	FY19-22 Federal Funds				Other Project Information					
	FY19 Phase	FY20* Phase	FY21* Phase	FY22* Phase	Total Cost fed+state+local in 2018 Dollars	Fed. Funds Obligated Thru FY17	FY18 Fed Funds Phase	Project Use Category	Federal Funding Source	Remarks
<b>Jericho-Richmond</b>										
HP098A VT117 Paving	\$2,161,340 CON				Total: \$6,930,293 PE: \$349,145 ROW: CON: \$6,581,148	\$349,145	\$3,103,578 CON	Paving	STP 80 % Federal 20 % State 0 % Local	Essex Town Line to US2.  <b>VTrans PM:</b> Kipp, Brandon
<b>Milton</b>										
BP105 Cherry Street Sidewalk		\$29,200 CON			Total: \$77,500 PE: \$7,000 ROW: \$5,000 CON: \$65,500	\$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).  <b>VTrans PM:</b> Kaplan, Jon
OT042 Purchase of Vactor Truck	\$300,000				Total: \$375,000 PE: ROW: CON:			Stormwater/ Environmental	STP 80 % Federal 0 % State 20 % Local	2018 Transportation Alternatives award (\$300,000)  <b>VTrans PM:</b>
BP097 US7 Sidewalk - Nancy Drive to Haydenberry Drive	\$72,000 ROW		\$594,400 CON		Total: \$1,078,000 PE: \$245,000 ROW: \$90,000 CON: \$743,000	\$196,170		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).  <b>VTrans PM:</b> Bohl, Tina

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CCRPC # Project Location	FY19-22 Federal Funds				Other Project Information					
	FY19 Phase	FY20* Phase	FY21* Phase	FY22* Phase	Total Cost fed+state+local in 2018 Dollars	Fed. Funds Obligated Thru FY17	FY18 Fed Funds Phase	Project Use Category	Federal Funding Source	Remarks
HP007 US7/Middle Rd/Railroad St Intersection US7/TH1 VTrans Number: STP 5800(3)	\$500,000 PE/ROW		\$1,050,625 CON	\$2,692,227 CON	Total: \$4,200,000 PE: \$550,000 ROW: \$150,000 CON: \$3,500,000	\$200,000		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.  <b>VTrans PM:</b> Coburn, Patti

## Regional

OT031 Better Roads Category A Grants  VTrans Number:					Total: \$44,425 PE: \$44,425 ROW: CON:	\$35,540		Stormwater/ Environmental	STP  80 % Federal 0 % State 20 % Local	Planning grants awarded to Chittenden County municipalities  <b>VTrans PM:</b>
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BR003 Bridge Inspection  Regional VTrans Number:	\$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.  <b>VTrans PM:</b> Regional
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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.  <b>VTrans PM:</b> Regional
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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.  <b>VTrans PM:</b> Regional
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\* Future project costs escalated at a rate of 2.5% per year.

CCRPC # Project Location	FY19-22 Federal Funds				Other Project Information					
	FY19 Phase	FY20* Phase	FY21* Phase	FY22* Phase	Total Cost fed+state+local in 2018 Dollars	Fed. Funds Obligated Thru FY17	FY18 Fed Funds Phase	Project Use Category	Federal Funding Source	Remarks
OT006 <b>Design Scoping Projects</b>	\$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	Funding for VTrans scoping in Chittenden County. Funding shares to be determined.
Regional VTrans Number:									% Federal % State % Local	<u>VTrans PM:</u> Regional
OT005 <b>Local Roads</b>	\$16,000	\$16,000	\$16,000	\$16,000	Total: PE: ROW: CON:		\$16,000	Safety/ Traffic Operations/ ITS	LTAP	CCRPC's share of the statewide Local Roads program. Funds are non- constrained.
Regional VTrans Number:									80 % Federal 20 % State 0 % Local	<u>VTrans PM:</u> Regional
OT017 <b>Modifications and Overruns</b>	\$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	Funds to be used for projects that have been completed but are still incurring costs. Funding shares to be determined.
Regional VTrans Number:									% Federal % State % Local	<u>VTrans PM:</u> Regional
HP012 <b>Pavement Marking</b>	\$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	<u>VTrans PM:</u> Regional
HP016 <b>Paving</b>	\$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	<u>VTrans PM:</u> Regional

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CCRPC # Project Location	FY19-22 Federal Funds				Other Project Information					
	FY19 Phase	FY20* Phase	FY21* Phase	FY22* Phase	Total Cost fed+state+local in 2018 Dollars	Fed. Funds Obligated Thru FY17	FY18 Fed Funds Phase	Project Use Category	Federal Funding Source	Remarks
BP022 <b>Regional Recreational Trails</b>	\$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.
<b>VTrans Number:</b>									80 % Federal 0 % State 20 % Local	<b>VTrans PM:</b> Regional
OT001 <b>Regional Safety</b>	\$250,000 PE/ROW/CON	\$250,000 PE/ROW/CON	\$250,000 PE/ROW/CON	\$250,000 PE/ROW/CON	Total: PE: ROW: CON:		\$175,000 PE/ROW/CON	Safety/Traffic Operations/ ITS	Safety	Funding for safety projects. Funding shares to be determined.
Regional <b>VTrans Number:</b>									% Federal % State % Local	<b>VTrans PM:</b> Regional
HP115 <b>Slopes and Ledges</b>	\$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.
<b>VTrans Number:</b>									% Federal % State % Local	<b>VTrans PM:</b> Regional
BR054 <b>Small Culverts</b>	\$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.
Regional <b>VTrans Number:</b>									% Federal % State % Local	<b>VTrans PM:</b> Regional
HP050 <b>Statewide Traffic Signal Re-Timing</b>	\$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.
<b>VTrans Number:</b>									100 % Federal 0 % State 0 % Local	<b>VTrans PM:</b> Regional

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CCRPC # Project Location	FY19-22 Federal Funds				Other Project Information					
	FY19 Phase	FY20* Phase	FY21* Phase	FY22* Phase	Total Cost fed+state+local in 2018 Dollars	Fed. Funds Obligated Thru FY17	FY18 Fed Funds Phase	Project Use Category	Federal Funding Source	Remarks
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
<b>Richmond</b>										
BR046 Richmond Bridge 32 on US2 over Snipe Island Brook					Total: \$1,546,766 PE: \$182,158 ROW: \$20,000 CON: \$1,546,766	\$1,225,453		Bridge	STP	
VTrans Number: BF 0284(28)			Remove						80 % Federal 20 % State 0 % Local	<u>VTrans PM:</u> Young, Robert
<b>Shelburne</b>										
OT027 Nesti/VELCO Gravel Wetlands Project	\$71,000 CON				Total: \$360,000 PE: \$60,000 ROW: CON: \$300,000	\$16,000		Stormwater/ Environmental	STP	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 Number: TAP TA16(6)									80 % Federal 0 % State 20 % Local	<u>VTrans PM:</u> Perrigo, Joel
BP104 Town Hall/Parade US7 Crosswalk Upgrade					Total: PE: ROW: CON:		\$3,850 CON	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 FY18						80 % Federal 0 % State 20 % Local	<u>VTrans PM:</u>

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CCRPC # Project Location	FY19-22 Federal Funds				Other Project Information					
	FY19 Phase	FY20* Phase	FY21* Phase	FY22* Phase	Total Cost fed+state+local in 2018 Dollars	Fed. Funds Obligated Thru FY17	FY18 Fed Funds Phase	Project Use Category	Federal Funding Source	Remarks
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.  <b>VTrans PM:</b>
<b>VTrans Number:</b>		<b>Illustrative</b>								
BP084 Village Sidewalk and Crosswalks					Total: \$172,971 PE: \$35,000 ROW: CON: \$137,971	\$182,883		Bike/ Pedestrian	STP  80 % Federal 10 % State 10 % Local	2014 Bike/Ped award (\$111,890) and 2016 Sidewalk award (\$22,345) to construct 600 feet of sidewalk along Shelburne Rd.  <b>VTrans PM:</b> Perrigo, Joel
Shelburne Museum to Town Offices <b>VTrans Number:</b> STP BP14(5)/ STP SDWK(24)		<b>Remove</b>								
<b>Shelburne-South Burlington</b>										
HP137 US7 Signal Upgrades					Total: PE: ROW: CON:		\$75,000 Scoping	Safety/ Traffic Operations/ ITS	NHPP  100 % Federal 0 % State 0 % Local	Signal upgrades in 16 locations on US7 between Webster Rd and Swift St.  <b>VTrans PM:</b> Coburn, Patti
Webster Road to Swift Street <b>VTrans Number:</b> NHG SGNL(51)		<b>Funding schedule to be determined</b>								
<b>South Burlington</b>										
OT037 Bartlett Brook Stormwater Treatment System Expansion	\$1,313 ROW	\$117,423 CON			Total: \$469,650 PE: \$20,200 ROW: \$5,050 CON: \$444,400		\$5,252 PE	Stormwater/ Environmental	STP  26 % Federal 54 % State 20 % Local	Municipal Highway and Stormwater Mitigation Program award (\$123,988 fed, \$251,732 state)  <b>VTrans PM:</b>
<b>VTrans Number:</b> STP MM18(17)										

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CCRPC # Project Location	FY19-22 Federal Funds				Other Project Information					
	FY19 Phase	FY20* Phase	FY21* Phase	FY22* Phase	Total Cost fed+state+local in 2018 Dollars	Fed. Funds Obligated Thru FY17	FY18 Fed Funds Phase	Project Use Category	Federal Funding Source	Remarks
OT028 <b>Butler Farms/Oak Creek Village Culvert Replacement</b>  VTrans Number: TAP TA16(8)					Total: \$498,000 PE: \$85,500 ROW: CON: \$412,500	\$376,000		Stormwater/ Environmental	STP  80 % Federal 0 % State 20 % Local	2016 TA award (\$300,000) to replace two undersized culverts near Butler Farms/Oak Creek Village.  <b>VTrans PM:</b> Perrigo, Joel
OT043 <b>Construction of Sub-surface Stormwater Infiltration and Detention System</b>  VTrans Number: TAP TA18(6)		\$233,200 CON			Total: \$302,500 PE: \$11,000 ROW: CON: \$291,500		\$8,800 PE	Stormwater/ Environmental	STP  80 % Federal  0 % State 20 % Local	2018 Transportation Alternatives award (\$242,000)  <b>VTrans PM:</b>
OT044 <b>Expansion of Kennedy Drive Stormwater Pond</b>  VTrans Number: TAP TA18(7)	\$267,440 CON				Total: \$407,000 PE: \$44,000 ROW: CON: \$363,000		\$32,560 PE	Stormwater/ Environmental	STP  74 % Federal 0 % State 26 % Local	2018 Transportation Alternatives award (\$300,000)  <b>VTrans PM:</b>
HC012 <b>I-89 Exit 14 Area Signal Upgrades</b>  Williston Road and Dorset Street VTrans Number:	\$1,063,982				Total: \$1,330,000 PE: ROW: CON:		\$1,251,520 PE/CON	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.  <b>VTrans PM:</b> Earmark

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CCRPC # Project Location	FY19-22 Federal Funds				Other Project Information						
	FY19 Phase	FY20* Phase	FY21* Phase	FY22* Phase	Total Cost fed+state+local in 2018 Dollars	Fed. Funds Obligated Thru FY17	FY18 Fed Funds Phase	Project Use Category	Federal Funding Source	Remarks	
BR058 <b>Kimball Avenue/Marshall Avenue Culvert Scoping</b>					Total:		\$66,240	Bridge	STP	Municipal Highway and Stormwater Mitigation Program award  <b><u>VTrans PM:</u></b>	
				PE:	\$82,800		Scoping				
				ROW:					80 % Federal		
				CON:					0 % State 20 % Local		
<b>VTrans Number:</b> STP MM18(3)	<b>Funds to be obligated in FY18</b>										
HC010B <b>Market Street Reconstruction</b>	\$2,500,000 CON				Total:	\$6,733,369	\$1,062,600	\$2,500,000	New Facility/ Major Roadway Upgrade	SAFETEA-LU Earmark	Demo ID number VT058. Earmark amount \$5 M programmed at 90%. Balance of PE to come from STP Earmark (Project HC010A).  <b><u>VTrans PM:</u></b> Perrigo, Joel
				PE:	\$2,000,000		CON				
Transportation Improvements				ROW:	\$120,000				80 % Federal		
				CON:	\$4,613,369				0 % State 20 % Local		
<b>VTrans Number:</b> STP 5200(17)											
OT029 <b>Picard Circle Stormwater Improvements</b>			\$233,547 CON		Total:	\$358,933	\$52,000	\$1,600	Stormwater/ Environmental	STP	2017 TA award (\$229,600) to design and construct stormwater infiltration and drainage infrastructure.  <b><u>VTrans PM:</u></b>
				PE:	\$65,000		ROW				
				ROW:	\$2,000				80 % Federal		
				CON:	\$291,933				0 % State 20 % Local		
<b>VTrans Number:</b> TAP TA17(6)											
BR043 <b>VT116 Potash Brook Culvert</b>					Total:	\$2,379,052	\$1,792,881	\$621,090	Bridge	STP	Replace culvert  <b><u>VTrans PM:</u></b> Upmal, Ken
				PE:	\$335,552		CON				
				ROW:	\$5,000				80 % Federal		
				CON:	\$2,038,500				20 % State 0 % Local		
<b>VTrans Number:</b> STP SCR(8)											
BP085A <b>VT116 Sidewalk to Tilley Drive</b>					Total:	\$59,375	\$52,300		Bike/ Pedestrian	STP	2011 CCRPC Sidewalk grant (\$47,500) to construct 800 feet of sidewalk on the west side of Hinesburg Road.  <b><u>VTrans PM:</u></b> Robertson, Thad
				PE:	\$59,375						
				ROW:					80 % Federal		
				CON:					10 % State 10 % Local		
<b>VTrans Number:</b> STP SDWK(10)			<b>Remove</b>								

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CCRPC # Project Location	FY19-22 Federal Funds				Other Project Information					
	FY19 Phase	FY20* Phase	FY21* Phase	FY22* Phase	Total Cost fed+state+local in 2018 Dollars	Fed. Funds Obligated Thru FY17	FY18 Fed Funds Phase	Project Use Category	Federal Funding Source	Remarks
BP085B VT116 Sidewalk to Tilley Drive					Total: \$173,000	\$115,559		Bike/ Pedestrian	STP	2014 Bike/Ped award (\$136,214) to construct project BP085A
VTrans Number: STP BP14(6)		Remove			PE:				80 % Federal	
					ROW: \$173,000				10 % State	
					CON:				10 % Local	<u>VTrans PM:</u> Robertson, Thad
BP102 Williston Road Cycle Track and Pedestrian Improvements		\$488,000 ROW		\$108,885 CON	Total: \$2,412,697		\$203,115 PE	Bike/ Pedestrian	STP	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					PE: \$253,894				% Federal	
VTrans Number:					ROW: \$610,049				% State	
					CON: \$1,548,753				% Local	<u>VTrans PM:</u>
<b>South Burlington-Williston</b>										
HP104 US2 Paving					Total: \$7,302,669	\$8,342,300	\$3,500,000 CON	Paving	NHPP	Paving beginning 1.3 miles east of VT116 and extending east 2.2 miles.
VTrans Number: NH 2944(1)		Remove			PE: \$500,000				80 % Federal	
					ROW:				20 % State	
					CON: \$6,802,669				0 % Local	<u>VTrans PM:</u> Fowler, Mike
<b>St. George</b>										
HP134 VT116/VT2A Improvements					Total:		\$20,000 Scoping	Safety/ Traffic Operations/ ITS	STP	
VTrans Number: STP 021-1(36)		Funding schedule to be determined			PE:				100 % Federal	
					ROW:				0 % State	
					CON:				0 % Local	<u>VTrans PM:</u> Coburn, Patti

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CCRPC # Project Location	FY19-22 Federal Funds				Other Project Information					
	FY19 Phase	FY20* Phase	FY21* Phase	FY22* Phase	Total Cost fed+state+local in 2018 Dollars	Fed. Funds Obligated Thru FY17	FY18 Fed Funds Phase	Project Use Category	Federal Funding Source	Remarks
<b>Transit</b>										
TR061A GMT Capital - Buses, Facilities and Equipment	\$2,000,000	\$5,500,000	\$6,500,000	\$5,000,000	Total:		\$10,000,000	Transit System	FTA Sec. 5339	Federal funds for vehicle replacement past their useful life, facilities, transit technology, shelters, lighting, bike racks and support equipment. Pending award of funds.
VTrans Number:					PE:				80 % Federal	
					ROW:				10 % State	
					CON:				10 % Local	
										<b><u>VTrans PM:</u></b> Transit
TR078 GMT Capital - Facility and Bus Heavy Repairs	\$700,000	\$330,000	\$340,000	\$350,000	Total:		\$1,000,000	Transit System	STP Transfer	Facility and bus PM such as HVAC, energy efficiency, roof, doors, lifts, engines, transmissions, floors, radiators. Pending award of funds to GMT.
VTrans Number:					PE:				80 % Federal	
					ROW:				10 % State	
					CON:				10 % Local	
										<b><u>VTrans PM:</u></b> Transit
TR076 GMT Capital - Fare Payment System Improvement		\$1,000,000	\$500,000	\$500,000	Total:		\$1,000,000	Transit System	STP Transfer	Improved fare payment system. Pending award of funds to GMT.
VTrans Number:					PE:				80 % Federal	
					ROW:				10 % State	
					CON:				10 % Local	
										<b><u>VTrans PM:</u></b> Transit
TR003A GMT Capital - Federal	\$50,000	\$50,000	\$50,000	\$50,000	Total:		\$100,000	Transit System	FTA Sec. 5307	Federal formula funds.
VTrans Number:					PE:				80 % Federal	
					ROW:				10 % State	
					CON:				10 % Local	
										<b><u>VTrans PM:</u></b> Transit

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CCRPC # Project Location	FY19-22 Federal Funds				Other Project Information					
	FY19 Phase	FY20* Phase	FY21* Phase	FY22* Phase	Total Cost fed+state+local in 2018 Dollars	Fed. Funds Obligated Thru FY17	FY18 Fed Funds Phase	Project Use Category	Federal Funding Source	Remarks
TR003B GMT Capital - Federal	\$175,929	\$181,207	\$200,000	\$200,000	Total: PE: ROW: CON:		\$170,805	Transit System	FTA Sec. 5339 - Urban Allocation  80 % Federal 10 % State 10 % Local	Federal Bus and Bus Facility Program.       <b><u>VTrans PM:</u></b> Transit
VTrans Number:										
TR072 GMT ITS System		\$500,000	\$150,000	\$150,000	Total: PE: ROW: CON:		\$500,000	Transit System	STP Transfer  80 % Federal 10 % State 10 % Local	Phase in of additional ITS products. Pending award of funds to GMT.       <b><u>VTrans PM:</u></b> Transit
VTrans Number:										
TR079C GMT Mobility Management	\$75,000	\$77,250	\$79,568	\$81,955	Total: PE: ROW: CON:		\$75,190	Transit Service	FTA Sec. 5310 Urbanized Allocation  80 % Federal 0 % State 20 % Local	Mobility management. Pending award of funds to GMT.       <b><u>VTrans PM:</u></b> Transit
VTrans Number:										
TR002 GMT Operating - Federal	\$2,700,000	\$2,800,000	\$2,900,000	\$3,000,000	Total: PE: ROW: CON:		\$2,600,000	Transit Service	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.       <b><u>VTrans PM:</u></b> Transit
VTrans Number:										
TR030B GMT Operation	\$260,000	\$267,800	\$275,834	\$284,109	Total: PE: ROW: CON:		\$350,000	Transit Service	Transfer from 5311 to 5307  50 % Federal 50 % State 0 % Local	Pending award of funds to GMT.       <b><u>VTrans PM:</u></b> Transit
VTrans Number:										

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CCRPC # Project Location	FY19-22 Federal Funds				Other Project Information					
	FY19 Phase	FY20* Phase	FY21* Phase	FY22* Phase	Total Cost fed+state+local in 2018 Dollars	Fed. Funds Obligated Thru FY17	FY18 Fed Funds Phase	Project Use Category	Federal Funding Source	Remarks
TR063 GMT Passenger Amenities		\$100,000	\$100,000	\$100,000	Total: PE: ROW: CON:		\$300,000	Transit System	STP Transfer	Funding for passenger amenities. Pending award of funds to GMT.
VTrans Number:									80 % Federal 10 % State 10 % Local	<u>VTrans PM:</u> Transit
TR046 GMT Preventative Maintenance	\$1,777,000	\$1,830,000	\$1,885,000	\$1,941,550	Total: PE: ROW: CON:		\$1,725,000	Transit System	STP Transfer	Pending award of funds to GMT.
VTrans Number:									80 % Federal 0 % State 20 % Local	<u>VTrans PM:</u> Transit
TR054(4)-S GMT Service - Burlington-Montpelier Inter-Regional Bus Service	\$31,000	\$31,143	\$32,077	\$33,039	Total: PE: ROW: CON:		\$29,355	Transit Expansion	CMAQ	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.
Burlington-Montpelier VTrans Number:									80 % Federal 0 % State 20 % Local	<u>VTrans PM:</u> Transit
TR087 GMT Service - Burlington-Waterbury Inter-Regional Bus Service	\$35,000				Total: PE: ROW: CON:		\$108,178	Transit Expansion	CMAQ	Burlington to Waterbury service to consist of 2 morning and 2 evening trips.
Burlington-Waterbury VTrans Number:									80 % Federal 20 % State 0 % Local	<u>VTrans PM:</u> Transit
TR085-S GMT Service - Essex Evening	\$37,132	\$38,245	\$39,392	\$40,574	Total: PE: ROW: CON:		\$36,050	Transit Expansion	CMAQ	Pending award of funds to GMT. Funding is shown in year prior to service year to accommodate application review time.
Essex VTrans Number:									80 % Federal 0 % State 20 % Local	<u>VTrans PM:</u> Transit

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CCRPC # Project Location	FY19-22 Federal Funds				Other Project Information					
	FY19 Phase	FY20* Phase	FY21* Phase	FY22* Phase	Total Cost fed+state+local in 2018 Dollars	Fed. Funds Obligated Thru FY17	FY18 Fed Funds Phase	Project Use Category	Federal Funding Source	Remarks
TR067-S GMT Service - Hinesburg Route  Hinesburg Route VTrans Number:	\$69,277	\$71,355	\$73,496	\$75,701	Total: PE: ROW: CON:		\$67,259	Transit Expansion	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.  <b>VTrans PM:</b> Transit
TR068-S GMT Service - Jeffersonville Commuter  Jeffersonville Commuter VTrans Number:					Total: PE: ROW: CON:		\$86,000	Transit Expansion	CMAQ  80 % Federal 20 % State 0 % Local	Pending award of funds to GMT.  <b>VTrans PM:</b> Transit
	CIRC Alternative Project - Remove									
TR074-S GMT Service - Milton Route  Milton VTrans Number:	\$175,049	\$180,300	\$185,709	\$191,280	Total: PE: ROW: CON:		\$169,950	Transit Expansion	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.  <b>VTrans PM:</b> Transit
TR086-S GMT Service - Milton/Colchester to Burlington  VTrans Number:					Total: PE: ROW: CON:		\$29,838	Transit Expansion	CMAQ  80 % Federal 20 % State 0 % Local	Additional stops in Colchester on Milton route.  <b>VTrans PM:</b> Transit
	CIRC Alternative Project - Remove									
TR077-S GMT Service - North Avenue Increased Peak Frequencies  North Avenue VTrans Number:		\$340,000	\$350,000	\$360,500	Total: PE: ROW: CON:			Transit Expansion	CMAQ  80 % Federal 0 % State 20 % Local	15-minute service. Pending award of funds to GMT.  <b>VTrans PM:</b> Transit

\* Future project costs escalated at a rate of 2.5% per year.



CCRPC # Project Location	FY19-22 Federal Funds				Other Project Information					
	FY19 Phase	FY20* Phase	FY21* Phase	FY22* Phase	Total Cost fed+state+local in 2018 Dollars	Fed. Funds Obligated Thru FY17	FY18 Fed Funds Phase	Project Use Category	Federal Funding Source	Remarks
TR064-S GMT Service - US2 Corridor  US2 VTrans Number:	\$761,969	\$784,828	\$808,373	\$832,624	Total: PE: ROW: CON:		\$739,776	Transit Expansion	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.  <b>VTrans PM:</b> Transit
TR084-S GMT Service - Williston Mid- Day  Williston Mid-Day VTrans Number:					Total: PE: ROW: CON:		\$15,335	Transit Expansion	CMAQ  80 % Federal 20 % State 0 % Local	Pending award of funds to GMT.  <b>VTrans PM:</b> Transit
TR088 Innovative Improvements - Fleet, Facility and Equipment  VTrans Number:		\$5,000,000			Total: PE: ROW: CON:			Transit System	FTA Sec. 5312  80 % Federal 10 % State 10 % Local	Transportation Improvement Generating Economic Recovery (TIGER) grant. Pending award of funds.  <b>VTrans PM:</b> Transit
TR004 Paratransit Rolling Stock - ADA  VTrans Number:	\$286,800	\$113,851	\$312,133	\$120,000	Total: PE: ROW: CON:		\$115,000	Transit System	FTA Sec. 5310/ STP Transfer  80 % Federal 10 % State 10 % Local	Replacement and expansion of sedan, cutaway and van fleet. Funding pending award of funds.  <b>VTrans PM:</b> Transit
TR060A Paratransit Rolling Stock - Elderly & Disabled  VTrans Number:	\$501,900	\$147,702	\$304,266	\$391,743	Total: PE: ROW: CON:		\$171,600	Transit System	VT. Sec. 5310  80 % Federal 10 % State 10 % Local	Replacement and expansion of sedan, cutaway and van fleet. Funding pending award.  <b>VTrans PM:</b> Transit

\* Future project costs escalated at a rate of 2.5% per year.

CCRPC # Project Location	FY19-22 Federal Funds				Other Project Information					
	FY19 Phase	FY20* Phase	FY21* Phase	FY22* Phase	Total Cost fed+state+local in 2018 Dollars	Fed. Funds Obligated Thru FY17	FY18 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:			Transit System	STP Transfer	Maintenance and licensing fees. Funds awarded to VTrans. Pending award of funds to GMT.
VTrans Number:					PE:					
					ROW:				80 % Federal	
					CON:				20 % State	
									0 % Local	<u>VTrans PM:</u> Transit
IN001C Regional Transit Center - Downtown Burlington					Total: \$12,125,430		\$1,000,000	Transit System	STP Transfer	Construction cost for regional transit center.
VTrans Number:		Remove			PE: \$3,177,837					
					ROW: \$283,600				80 % Federal	
					CON: \$8,663,993				10 % State	
									10 % Local	<u>VTrans PM:</u> Transit
<b>Underhill</b>										
BP077 VT15/Underhill Flats Sidewalks	\$288,000 CON				Total: \$458,500	\$75,405	\$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	<u>VTrans PM:</u> Kaplan, Jon
<b>Underhill-Westford-Cambridge</b>										
HP136 VT15 Paving		\$1,025,000 CON	\$2,626,563 CON	\$538,445 CON	Total: \$12,925,000	\$181,080	\$136,000	Paving	STP	40 percent of project length in Chittenden County
MM 4.351 (Underhill) to MM 5.01 (Cambridge)					PE: \$425,000		PE			
VTrans Number: STP PS19(11)					ROW:				80 % Federal	
					CON: \$12,500,000				20 % State	
									0 % Local	<u>VTrans PM:</u> Kipp, Brandon

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CCRPC # Project Location	FY19-22 Federal Funds				Other Project Information					
	FY19 Phase	FY20* Phase	FY21* Phase	FY22* Phase	Total Cost fed+state+local in 2018 Dollars	Fed. Funds Obligated Thru FY17	FY18 Fed Funds Phase	Project Use Category	Federal Funding Source	Remarks

**Williston**

OT045 <b>Allen Brook Watershed Culverts Scoping Study</b>					Total: \$30,000 PE: ROW: CON:		\$15,000 Scoping	Stormwater/ Environmental	STP  50 % Federal 0 % State 50 % Local	2018 Transportation Alternatives award (\$15,000)
VTrans Number: TAP TA18(8)	Funds to be obligated in FY18				<b>VTrans PM:</b>					

BP103 <b>Blair Park Road Sidewalk Loop Connection</b>	\$4,000 ROW	\$184,800 CON			Total: \$282,200 PE: \$46,200 ROW: \$5,000 CON: \$231,000		\$36,960 PE	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)					<b>VTrans PM:</b>					

HC016A <b>I-89 Exit 12 Improvements - Stage 1</b>		\$32,800 ROW		\$1,723,025 CON	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 new VT2A lane from Marshall Ave to I-89 NB ramp.
VTrans Number: NH 5500(18)	CIRC Alternative Project				<b>VTrans PM:</b> Upmal, Ken					

HC016B <b>I-89 Exit 12 Improvements - Stage 2</b>					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				<b>VTrans PM:</b> Upmal, Ken					

HC016C <b>I-89 Exit 12 Improvements - Stage 3</b>					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				<b>VTrans PM:</b> Upmal, Ken					

\* Future project costs escalated at a rate of 2.5% per year.

CCRPC # Project Location	FY19-22 Federal Funds				Other Project Information					
	FY19 Phase	FY20* Phase	FY21* Phase	FY22* Phase	Total Cost fed+state+local in 2018 Dollars	Fed. Funds Obligated Thru FY17	FY18 Fed Funds Phase	Project Use Category	Federal Funding Source	Remarks
HC016D <b>I-89 Exit 12 Improvements - Stage 4</b>					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	<b>VTrans PM:</b> Upmal, Ken
					ROW:				% State	
					CON:				% Local	
OT030 <b>Lamplite Acres Drainage Improvements</b>	\$228,000 CON				Total: \$375,000	\$60,000	\$12,000 ROW	Stormwater/ Environmental	STP	2017 TA award (\$300,000) to design and construct critical drainage areas.
VTrans Number: TAP TA17(8)					PE: \$75,000				80 % Federal	<b>VTrans PM:</b>
					ROW: \$15,000				0 % State	
					CON: \$285,000				20 % Local	
HP122 <b>Mountain View Road Shoulder Improvements</b>					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	<b>VTrans PM:</b> CIRC Alternative
					ROW:				20 % State	
					CON:				0 % Local	
HP138 <b>US2 Paving</b>	\$1,540,000 CON				Total: \$1,944,681			Paving	STP	
VTrans Number: STP FPAV(10)					PE: \$69,681				80 % Federal	<b>VTrans PM:</b> Kipp, Brandon
					ROW:				20 % State	
					CON: \$1,925,000				0 % Local	
BP079 <b>US2 Shared Use Path - Taft Corners to Williston Village</b>					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	<b>VTrans PM:</b> CIRC Alternative
					ROW:				20 % State	
					CON:				0 % Local	

\* Future project costs escalated at a rate of 2.5% per year.

CCRPC # Project Location	FY19-22 Federal Funds				Other Project Information					
	FY19 Phase	FY20* Phase	FY21* Phase	FY22* Phase	Total Cost fed+state+local in 2018 Dollars	Fed. Funds Obligated Thru FY17	FY18 Fed Funds Phase	Project Use Category	Federal Funding Source	Remarks
HP010 US2/Industrial Avenue Intersection	\$720,000 ROW	\$1,537,500 CON	\$2,458,463 CON		Total: \$6,660,000 PE: \$900,000 ROW: \$960,000 CON: \$4,800,000	\$926,430		Safety/ Traffic Operations/ ITS	STP  80 % Federal 20 % State 0 % Local	Reconstruction of intersection and resurfacing of US2 from S. Burlington line east 1.5 miles.
VTrans Number: STP M 5500(7)S										
HP109 US2/Trader Lane Traffic Signal					Total: \$552,218 PE: \$36,282 ROW: CON: \$515,936	\$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 FY18.
VTrans Number: STPG 5500(14) CIRC Alternative Project - CON in FY19 - State funds only										
BR057 VT2A Culvert		\$256,250 CON			Total: \$387,500 PE: \$60,000 ROW: \$15,000 CON: \$312,500		\$12,000 ROW	Bridge	STP  80 % Federal 20 % State 0 % Local	
South of Helena Drive VTrans Number: STP SCR(17)										
BP101 VT2A Infill Sidewalk, South of Taft Corners - West Side					Total: \$174,000 PE: \$62,000 ROW: \$12,000 CON: \$100,000	\$8,000	\$68,886 CON	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										
HP105 VT2A Paving					Total: \$2,325,189 PE: \$300,000 ROW: CON: \$2,025,189	\$2,788,050		Paving	NHPP  80 % Federal 20 % State 0 % Local	Paving 1.15 miles of VT2A in Williston. 2.9 miles north of St. George line extending north 1.035 miles.
MM 2.77 to 3.92 VTrans Number: NH 2949(1) Remove										

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CCRPC # Project Location	FY19-22 Federal Funds				Other Project Information					
	FY19 Phase	FY20* Phase	FY21* Phase	FY22* Phase	Total Cost fed+state+local in 2018 Dollars	Fed. Funds Obligated Thru FY17	FY18 Fed Funds Phase	Project Use Category	Federal Funding Source	Remarks
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.  <b>VTrans PM:</b> CIRC Alternative
VTrans Number:	CIRC Alternative Project - Funding schedule to be determined									
HP123 VT2A/Industrial Avenue/Mountain View Road Intersection Improvements	\$250,000 PE	\$51,250 ROW		\$4,188,524 CON	Total: \$4,389,461 PE: \$450,000 ROW: \$50,000 CON: \$3,889,461	\$200,000		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.  <b>VTrans PM:</b> Coburn, Patti
VTrans Number: STP 5500(17)	CIRC Alternative Project									
HP090 VT2A/James Brown Drive Traffic Signal	\$1,313,422 CON				Total: \$3,563,422 PE: \$600,000 ROW: \$450,000 CON: \$2,513,422	\$1,050,000	\$1,200,000 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.  <b>VTrans PM:</b> Parizo, Erin
VTrans Number: STP HES 5500(12)	CIRC Alternative Project									
IN004A Williston Park and Ride	\$2,300,000 CON				Total: \$4,528,000 PE: \$600,000 ROW: \$1,628,000 CON: \$2,300,000	\$2,228,000	\$1,400,000 CON	Intermodal	CMAQ  100 % Federal 0 % State 0 % Local	Construct park and ride lot near I-89 Exit 12.  <b>VTrans PM:</b> Bohl, Tina
New park and ride lot south of I-89 VTrans Number: CMG PARK(29)										

\* Future project costs escalated at a rate of 2.5% per year.

CCRPC # Project Location	FY19-22 Federal Funds				Other Project Information				
	FY19 Phase	FY20* Phase	FY21* Phase	FY22* Phase	Total Cost fed+state+local in 2018 Dollars	Fed. Funds Obligated Thru FY17	FY18 Fed Funds Phase	Project Use Category	Federal Funding Source

## Winooski

BP099										
<b>Gateways Crosswalk Enhancements</b>	<b>\$4,000</b>		<b>\$219,104</b>		<i>Total:</i> \$360,580			<i>Bike/ Pedestrian</i>	<i>STP</i>	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.
	<b>ROW</b>		<b>CON</b>		<i>PE:</i> \$81,700				80 % Federal	
Five Intersections					<i>ROW:</i> \$5,000				0 % State	
<b>VTrans Number:</b> TAP TA17(2)					<i>CON:</i> \$273,880				20 % Local	
										<b><u>VTrans PM:</u></b> Kaplan, Jon

\* Future project costs escalated at a rate of 2.5% per year.

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## Section 3: Summary of Financial Statistics

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# CCRPC FY2019-2022 TIP Funding by Project Use Category

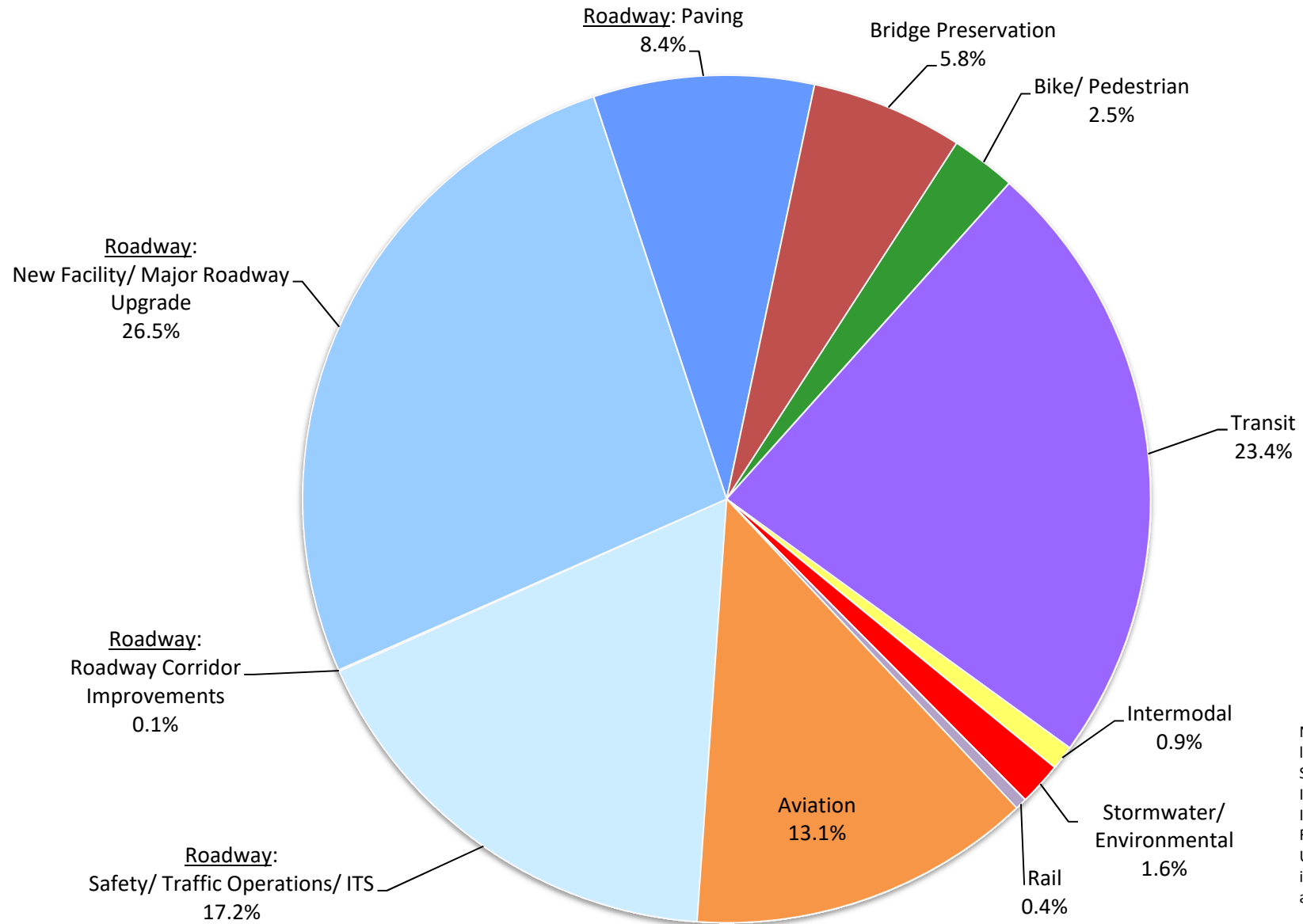
<i>Funding Uses</i>	<b>FY19 Federal Funds</b>	<b>FY20 Federal Funds</b>	<b>FY21 Federal Funds</b>	<b>FY22 Federal Funds</b>
Safety/ Traffic Operations/ ITS	\$7,333,404	\$8,416,829	\$11,254,403	\$15,696,617
Roadway Corridor Improvements	\$150,000			
New Facility/ Major Roadway Upgrade	\$10,775,000	\$14,177,800	\$15,759,375	\$25,060,795
Paving	\$11,761,568	\$5,243,600	\$2,966,563	\$878,445
Bridge Preservation	\$1,306,000	\$6,865,950	\$5,005,395	\$1,206,440
Bike/ Pedestrian	\$2,151,056	\$1,203,066	\$2,408,277	\$386,885
Transit	\$9,686,056	\$19,393,681	\$15,135,848	\$13,753,075
Intermodal	\$2,300,000			
Stormwater/ Environmental	\$1,894,173	\$1,935,734	\$233,547	
Rail	\$209,100	\$899,438		
Aviation	\$13,370,000	\$7,145,000	\$5,888,889	\$6,088,888
<b>Total</b>	<b>\$60,936,357</b>	<b>\$65,281,098</b>	<b>\$58,652,297</b>	<b>\$63,071,145</b>

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

# CCRPC FY2019-2022 TIP Funding by Federal Funding Source and Constraint Status

<i>Federal Funding Sources and Constraint Status</i>	FY19	FY20	FY21	FY22
<b>FHWA Constrained Funds</b>				
National Highway Preservation Program (NHPP)	\$779,628	\$32,800		\$1,723,025
Surface Transportation Program (STP)	\$13,235,340	\$23,870,429	\$19,518,526	\$32,496,841
To Be Determined (NHPP or STP)	\$840,000	\$840,000	\$840,000	\$840,000
<b>FHWA Constrained Total</b>	<b>\$14,854,968</b>	<b>\$24,743,229</b>	<b>\$20,358,526</b>	<b>\$35,059,866</b>
<b>FHWA Non-Constrained Funds</b>				
National Highway Preservation Program (NHPP)	\$6,159,600	\$5,402,450	\$3,454,770	
STP CIRC Alternatives Phase I and Phase II Projects	\$5,173,422	\$205,000	\$1,401,589	\$4,808,805
VTrans Bike/Ped or Transportation Alternatives Grant	\$3,258,229	\$3,068,800	\$1,432,891	\$316,885
Local Transportation Assistance Program (LTAP)	\$16,000	\$16,000	\$16,000	\$16,000
Section 130 Rail Grade Crossing	\$1,147,500			
Modificatons and Overruns (NHPP or STP)	\$500,000	\$500,000	\$500,000	\$500,000
<b>FHWA Non-Constrained Total</b>	<b>\$16,254,751</b>	<b>\$9,192,250</b>	<b>\$6,805,250</b>	<b>\$5,641,690</b>
<b>FHWA Transfer to FTA</b>				
Congestion, Mitigation, Air Quality (CMAQ)	\$3,409,427	\$1,445,871	\$1,489,047	\$1,533,718
STP Transfer	\$2,763,800	\$3,873,851	\$3,287,133	\$3,161,550
<b>FHWA Transfer to FTA Total</b>	<b>\$6,173,227</b>	<b>\$5,319,722</b>	<b>\$4,776,180</b>	<b>\$4,695,268</b>
<b>Federal Earmark or Grant Funds</b>				
SAFETEA-LU Earmark	\$3,563,982			
Regional Recreational Trails	\$70,000	\$70,000	\$70,000	\$70,000
TIGER	\$96,600	\$899,438		
Safety	\$740,000	\$3,837,500	\$10,393,784	\$2,457,626
<b>Earmark or Grant Total</b>	<b>\$4,470,582</b>	<b>\$4,806,938</b>	<b>\$10,463,784</b>	<b>\$2,527,626</b>
<b>Federal Transit Administration (FTA) Funds</b>				
FTA Section 5307 Formula Funds	\$2,700,000	\$2,800,000	\$2,900,000	\$3,000,000
FTA Section 5309	\$50,000	\$50,000	\$50,000	\$50,000
FTA Section 5312		\$5,000,000		
FTA Section 5339	\$175,929	\$181,207	\$200,000	\$200,000
FTA Grants	\$2,125,000	\$5,627,250	\$6,629,568	\$5,131,955
Elderly & Disabled Transportation	\$501,900	\$147,702	\$304,266	\$391,743
Transfer from FTA 5311 to FTA 5307	\$260,000	\$267,800	\$275,834	\$284,109
<b>FTA Funds</b>	<b>\$5,812,829</b>	<b>\$14,073,959</b>	<b>\$10,359,668</b>	<b>\$9,057,807</b>
<b>Airport Improvement Program (AIP)</b>				
Total AIP	\$13,370,000	\$7,145,000	\$5,888,889	\$6,088,888
<b>Total AIP</b>	<b>\$13,370,000</b>	<b>\$7,145,000</b>	<b>\$5,888,889</b>	<b>\$6,088,888</b>
<b>CCRPC TIP TOTAL</b>	<b>\$60,936,357</b>	<b>\$65,281,098</b>	<b>\$58,652,297</b>	<b>\$63,071,145</b>

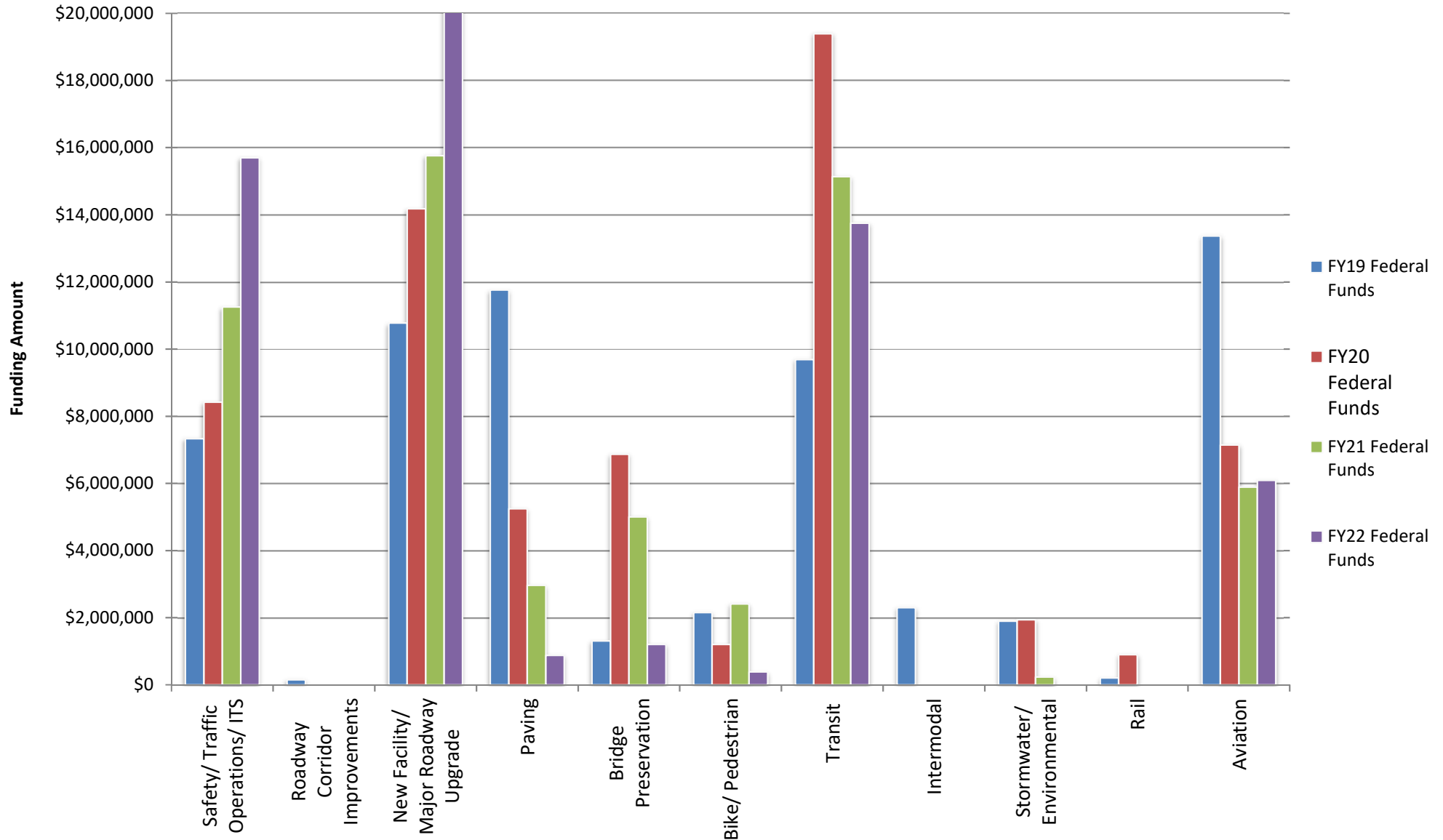
## CCRPC FY2019-2022 TIP Funding by Project Use Category



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



## CCRPC FY2019-2022 TIP: Funding Uses By Year



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