



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

# **Transportation Improvement Program for Fiscal Years 2017-2020**

**TAC/Board Review Draft  
June 15, 2016**

Chittenden County Regional Planning Commission  
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### A. Introduction

The Chittenden County Transportation Improvement Program (TIP) for fiscal years 2017 through 2020 is a prioritized, fiscally-constrained, and multi-year list of federally-funded, multimodal transportation projects and operations in the CCRPC region - Chittenden County. Under federal law, the TIP 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, CCTA) to obligate federal funds for listed projects and operations over the next four federal fiscal years (October 1, 2016 through September 30, 2020).
- ▶ 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 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).

Chittenden County Transportation Authority (CCTA) has an estimated Operations and Maintenance budget for transit services in FY17 of \$14,016,811. Revenue sources for transit operations and maintenance are as follows:

Passenger revenue	\$2,756,049
Purchase of service	\$83,321
Local funding	\$3,148,208
State funding	\$2,358,326
Federal grants	\$5,670,907
<b>Total Revenue</b>	<b>\$14,016,811</b>

**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>DRIVE Act</b>	The Developing a Reliable and Innovative Vision for the Economy Act (DRIVE) reauthorizes the Federal-aid highway program at an increases the funding level for six years, from FY 2016 through FY 2021.
<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>FAA</b>	Federal Aviation Administration. The USDOT agency responsible for aviation related programs.
<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>FHWA</b>	Federal Highway Administration. The USDOT agency responsible for roadway related programs.
<b>BIA</b>	Burlington International Airport	<b>FRA</b>	Federal Railroad Administration. The USDOT agency responsible for railroad programs.
<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>FTA</b>	Federal Transit Administration. The USDOT agency responsible for public transportation 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>FTA Section 5307</b>	FTA grant program for capital and operating assistance in urban areas over 50,000 in population.
<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 Section 5309</b>	FTA grant program for capital programs such as buses and bus facilities.
<b>CCTA</b>	Chittenden County Transportation Authority. The region's public transportation provider.	<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>CON</b>	Construction. Project development phase in which the project is implemented.	<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>DDI</b>	Diverging diamond interchange. DDI is a new type of diamond interchange that increases capacity and reduces congestion.	<b>HSIP</b>	Highway Safety Improvement Program. The goal of the program is to achieve a significant reduction in traffic fatalities and serious injuries on all public roads. The HSIP requires a data-driven, strategic approach to improving highway safety on all public roads that focuses on performance.
		<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.

## GLOSSARY

<b>ITS</b>	Intelligent Transportation Systems. The application of technology to improve transportation system efficiency.	<b>Para-transit</b>	A demand-response transportation system catering to special needs populations such as the elderly and disabled.
<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>PE</b>	Preliminary Engineering. Project development phase in which project design is determined.
<b>LTF</b>	Local Transportation Facilities. VTrans program established to assist local governments with project implementation.	<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>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>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>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>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>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>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>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 (DOT) in cooperation with the states, local officials, and metropolitan planning organizations (MPOs).	<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.
		<b>STIP</b>	Statewide Transportation Improvement Program. The State's four year list of fiscally constrained transportation projects planned for implementation statewide.

## GLOSSARY

<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>TIP</b>	Transportation Improvement Program. The four year list of fiscally constrained transportation projects planned for implementation in the region.
<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>TOD</b>	Transit Oriented Design. High density and mixed use land development around transit system stops.
<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>Traffic Calming</b>	A combination of measures to reduce the negative effects of vehicle use or to alter driver behaviors.
<b>TDM</b>	Transportation Demand Management. The general term for strategies that result in more efficient use of transportation resources.	<b>TSM</b>	Transportation Systems Management. Relatively low-cost improvements to improve transportation efficiency such as ITS applications or roundabouts.
<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>USDOT</b>	United States Department of Transportation
		<b>VTrans (or VAOT)</b>	Vermont Agency of Transportation

**CCRPC TIP Map**

**To be Inserted**



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Section 2: FY2017–2020 TIP: Projects by Municipality

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# 2017-2020 CCRPC Transportation Improvement Program

June 15, 2016 -- TAC/Board Review Draft

CCRPC # Project Location	FY17-20 Federal Funds				Other Project Information					
	FY17 Phase	FY18 Phase	FY19 Phase	FY20 Phase	Total Cost fed+state+local in 2015 Dollars	Fed. Funds Obligated Thru FY15	FY16 Fed Funds Phase	Project Use Category	Federal Funding Source	Remarks
<b>Burlington</b>										
BP078 <b>Champlain Elementary Pedestrian Crossing Improvements</b> Birchcliff and Locust <b>VTrans Number:</b> STP BP13(6)	\$330,000 CON				Total: \$490,000 PE: \$80,000 ROW: \$5,000 CON: \$405,000	\$64,864	\$329,996 CON	Bike/ Pedestrian	STP  80 % Federal 10 % State 10 % Local	2013 Bike/Ped award (\$394,860) for construction of 365 feet of sidewalk and improved crossings on Birchcliff Parkway and Locust Street.  <b>VTrans PM:</b> Robertson, Thad
HC001E <b>Champlain Parkway - Engineering and ROW</b> US7 to Main Street <b>VTrans Number:</b> MEGC-M 5000(1)	\$750,000 PE/ROW				Total: \$8,362,926 PE: \$8,362,926 ROW: \$3,654,058 CON:	\$9,459,159	\$1,206,975 PE/ROW	Capacity Expansion	STP  95 % Federal 3 % State 2 % Local	PE and ROW for HC001A.  <b>VTrans PM:</b> Bohl, Tina
HC001A <b>Champlain Parkway - US7 to Main Street</b> US7 to Main Street <b>VTrans Number:</b> MEGC-M 5000(1)		\$1,000,000 CON	\$14,225,000 CON	\$14,225,000 CON	Total: \$31,000,000 PE: ROW: CON:			Capacity Expansion	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
BP092A <b>Colchester Avenue Sidepath - Phase I</b> East Avenue to Mansfield Avenue <b>VTrans Number:</b> STP SDWK(19)	\$180,350 CON				Total: \$260,438 PE: \$35,000 ROW: CON: \$225,438	\$28,000		Bike/ Pedestrian	STP  80 % Federal 0 % State 20 % Local	2014 Sidewalk grant (100,000); 2015 Sidewalk grant (\$108,350)  <b>VTrans PM:</b> Kaplan, Jon

CCRPC # Project Location	FY17-20 Federal Funds				Other Project Information					
	FY17 Phase	FY18 Phase	FY19 Phase	FY20 Phase	Total Cost fed+state+local in 2015 Dollars	Fed. Funds Obligated Thru FY15	FY16 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 PE/CON				Total: \$96,000 PE: ROW: CON: \$96,000		\$77,840 PE/CON	Bike/ Pedestrian	STP  80 % Federal 10 % State 10 % Local	2015 Bike/Ped grant (\$77,840) for 385 feet of shared use path. Design completed with project BP092A.  <b>VTrans PM:</b> Kaplan, Jon
BP094 <b>Howard Street/ South Winooski Avenue Intersection Improvements Scoping Study</b>  <b>VTrans Number:</b> STP BP15(17)				Funds to be obligated in FY16	Total: \$55,000 PE: ROW: CON:		\$40,540 PE	Bike/ Pedestrian	STP  80 % Federal  10 % State 10 % Local	2015 Bike/Ped award (\$40,540)  <b>VTrans PM:</b> Kaplan, Jon
BP090 <b>North Avenue Crosswalks</b>  <b>VTrans Number:</b> TAP TA15(1)	\$198,316 CON				Total: \$275,395 PE: \$27,500 ROW: CON: \$247,895	\$40,000	\$198,316 CON	Bike/ Pedestrian	STP  80 % Federal 0 % State 20 % Local	2015 Transportation Alternatives award (\$220,316) to construct 5 pedestrian crossings of North Avenue.  <b>VTrans PM:</b> Robertson, Scott
HC015 <b>Railyard Enterprise Project</b>  Waterfront South Area <b>VTrans Number:</b> BREP(2)	\$960,000 PE		\$245,309 ROW		Total: \$11,500,000 PE: \$1,200,000 ROW: \$300,000 CON: \$10,000,000		\$960,000 PE	Capacity Expansion	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)	\$300,000 PE/ROW		\$1,000,000 CON	\$1,460,000 CON	Total: \$3,460,000 PE: \$900,000 ROW: \$100,000 CON: \$2,460,000	\$202,747	\$100,000 ROW	Function and Performance Preservation	Safety  100 % Federal 0 % State 0 % Local	<b>VTrans PM:</b> Coburn, Patti

CCRPC # Project Location	FY17-20 Federal Funds				Other Project Information					
	FY17 Phase	FY18 Phase	FY19 Phase	FY20 Phase	Total Cost fed+state+local in 2015 Dollars	Fed. Funds Obligated Thru FY15	FY16 Fed Funds Phase	Project Use Category	Federal Funding Source	Remarks
<b>Burlington Int. Airport</b>										
AV002 <b>Airfield Projects</b>	\$20,100,000	\$11,500,000	\$1,700,000	\$1,100,000	Total:		\$1,100,000	Aviation	AIP	Move/construct Taxiway G north; Taxiway A relocation; rehabilitate Customs/Cargo apron; north end drainage upgrades. BIA project - for information only.
Burlington International Airport					PE:				95 % Federal	
VTrans Number:					ROW:				3 % State	
					CON:				2 % Local	
										<b>VTrans PM:</b> Air
AV005 <b>Land Acquisition and Noise Mitigation</b>	\$3,000,000	\$2,535,000	\$1,870,000	\$1,895,000	Total:		\$1,135,000	Aviation	AIP	Land acquisition and noise mitigation. BIA project - for information only.
Burlington International Airport					PE:				95 % Federal	
VTrans Number:					ROW:				3 % State	
					CON:				2 % Local	
										<b>VTrans PM:</b> Air
AV022 <b>Planning and Environmental Studies</b>			\$2,160,000		Total:		\$300,000	Aviation	AIP	Energy, Noise, Wildlife, Access, Airport Master Plan, Sustainability Plan studies. BIA project - for information only.
Burlington International Airport					PE:				95 % Federal	
VTrans Number:					ROW:				3 % State	
					CON:				2 % Local	
										<b>VTrans PM:</b> Air
AV003 <b>Terminal Projects</b>	\$3,700,000		\$1,800,000	\$2,500,000	Total:		\$2,700,000	Aviation	AIP	Terminal and apron upgrades. BIA project - for information only.
Burlington International Airport					PE:				95 % Federal	
VTrans Number:					ROW:				3 % State	
					CON:				2 % Local	
										<b>VTrans PM:</b> Air

CCRPC # Project Location	FY17-20 Federal Funds				Other Project Information					
	FY17 Phase	FY18 Phase	FY19 Phase	FY20 Phase	Total Cost fed+state+local in 2015 Dollars	Fed. Funds Obligated Thru FY15	FY16 Fed Funds Phase	Project Use Category	Federal Funding Source	Remarks
<b>Charlotte</b>										
BR049 Seguin Covered Bridge					Total: \$881,650	\$120,000	\$560,000 CON	Bridge Preservation	STP	
BR28 on TH36 (Roscoe Road) over Lewis Creek					PE: \$175,000				80 % Federal	
VTrans Number: BO 1445(36)					ROW: \$706,650				17 % State	
					CON: \$706,650				3 % Local	
										<b>VTrans PM:</b> Sargent, Mark
BP093 Town Link Trail Connections Scoping Study					Total: \$53,000		\$40,540 PE	Bike/ Pedestrian	STP	2015 Bike/Ped award (\$40,540). Scoping for 2 potential sections of trail.
					PE: \$33,000				80 % Federal	
VTrans Number: STP BP15(14)					ROW: \$20,000				10 % State	
					CON: \$20,000				10 % Local	
										<b>VTrans PM:</b> Robertson, Thad
HP019A US7 Reconstruction	\$6,939,031 CON				Total: \$19,227,603	\$810,000	\$6,000,000 CON	Function and Performance Preservation	NHPP	Balance of project cost to be funded with SAFETEA- LU earmark (project HP019B).
Ferrisburg line north 2.9 miles					PE: \$2,266,163				95 % Federal	
VTrans Number: FEGC 019-4(20)					ROW: \$961,257				5 % State	
					CON: \$16,000,000				0 % Local	
										<b>VTrans PM:</b> Upmal, Ken
HP019B US7 Reconstruction					Total:	\$1,696,026	\$3,000,000 CON	Function and Performance Preservation	SAFETEA-LU Earmark	SAFETEA-LU earmark. Demo ID number VT043. Earmark amount \$4 M programmed at 90%.
SAFETEA-LU Earmark					PE:				80 % Federal	
VTrans Number: FEGC 019-4(20)					ROW:				20 % State	
					CON:				0 % Local	
										<b>VTrans PM:</b> Upmal, Ken

CCRPC # Project Location	FY17-20 Federal Funds				Other Project Information					
	FY17 Phase	FY18 Phase	FY19 Phase	FY20 Phase	Total Cost fed+state+local in 2015 Dollars	Fed. Funds Obligated Thru FY15	FY16 Fed Funds Phase	Project Use Category	Federal Funding Source	Remarks
<b>Colchester</b>										
HP119 Blakely Road/Laker Lane Intersection Improvements					Total: \$360,000 PE: \$50,000 ROW: CON: \$310,000		\$55,000 PE	Function and Performance Preservation	STP  100 % Federal 0 % State 0 % Local	CIRC Alt Phase III project.
VTrans Number: STP 5600(21)	CIRC Alternative Project - construction schedule to be determined									
										<b><u>VTrans PM:</u></b> Perrigo, Joel
HP102 Exit 16 Improvements		\$2,000,000 CON	\$4,000,000 CON	\$2,050,000 CON	Total: \$9,800,000 PE: \$1,500,000 ROW: \$250,000 CON: \$8,050,000	\$292,636		Capacity Expansion	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 funded with \$200,000 in Section 164 funds.
VTrans Number: HES NH 5600(14)	CIRC Alternative Project									
										<b><u>VTrans PM:</u></b> Coburn, Patti
IN014 Exit 16 Park and Ride	\$250,000 CON				Total: \$1,300,000 PE: \$50,000 ROW: \$1,000,000 CON: \$250,000	\$1,250,000	\$250,000 CON	Intermodal	CMAQ  100 % Federal 0 % State 0 % Local	
VTrans Number: CMG PARK(47)										
										<b><u>VTrans PM:</u></b> Bohl, Tina
BR050 Exit 17 Improvements	\$400,000 PE				Total: \$17,600,000 PE: \$500,000 ROW: \$100,000 CON: \$17,000,000		\$600,000 PE	Function and Performance Preservation	STP  100 % Federal 0 % State 0 % Local	Project includes reconstruction of BR18A carrying US2 over I-89 and interchange upgrades.
VTrans Number: NH 028-1(31)										
										<b><u>VTrans PM:</u></b> Coburn, Patti

CCRPC # Project Location	FY17-20 Federal Funds				Other Project Information					
	FY17 Phase	FY18 Phase	FY19 Phase	FY20 Phase	Total Cost fed+state+local in 2015 Dollars	Fed. Funds Obligated Thru FY15	FY16 Fed Funds Phase	Project Use Category	Federal Funding Source	Remarks
BP068 <b>Fort Ethan Allen Sidewalk Improvements</b>  VTrans Number: STP 5600(15)	\$297,600 CON				Total: \$462,190 PE: \$100,000 ROW: \$10,000 CON: \$352,190	\$96,545	\$297,600 CON	Bike/ Pedestrian	SAFETEA-LU Earmark  80 % Federal 0 % State 20 % Local	Project to use unexpended earmark funds from project HC009 Campus Connector -- SAFETEA-LU (\$352,519) and Sec 129 (\$21,541)  <b>VTrans PM:</b> Robertson, Scott
BP096 <b>Mountain View Drive Sidewalk</b>  VTrans Number: STP SDWK(20)	\$90,000 CON				Total: \$232,049 PE: \$100,000 ROW: \$20,000 CON: \$112,049	\$38,000		Bike/ Pedestrian	STP  80 % Federal 0 % State 20 % Local	2015 CCRPC Sidewalk grant (\$75,000); 2016 CCRPC Sidewalk grant (\$82,639)  <b>VTrans PM:</b> Perrigo, Joel
HP118 <b>Prim Road/West Lakeshore Drive Intersection Improvements</b>  VTrans Number: STP 5600(20)					Total: \$1,730,000 PE: \$240,000 ROW: \$200,000 CON: \$1,290,000		\$290,000 PE	Function and Performance Preservation	STP  100 % Federal 0 % State 0 % Local	CIRC Alt Phase III project.   <b>VTrans PM:</b> Perrigo, Joel
HP110 <b>Severance Corners Intersection Project</b>  US7/Town Highway 7/Town Highway 9 VTrans Number: STPG 5600(17)		\$640,000 ROW		\$4,000,000 CON	Total: \$6,000,000 PE: \$200,000 ROW: \$800,000 CON: \$5,000,000	\$200,000		Capacity Expansion	STP  80 % Federal 20 % State 0 % Local	CIRC Alt Phase II implementation project.   <b>VTrans PM:</b> Coburn, Patti
HP117 <b>Severance Road Path and Intersection Improvements</b>  VTrans Number:					Total: \$2,400,000 PE: ROW: CON:			Bike/ Pedestrian	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

CCRPC # Project Location	FY17-20 Federal Funds				Other Project Information					
	FY17 Phase	FY18 Phase	FY19 Phase	FY20 Phase	Total Cost fed+state+local in 2015 Dollars	Fed. Funds Obligated Thru FY15	FY16 Fed Funds Phase	Project Use Category	Federal Funding Source	Remarks
HP114 US2/Clay Point Road (TH58) Improvements  VTrans Number: HES 028-1(28)					Total: \$1,078,542 PE: \$115,000 ROW: CON: \$963,542		\$754,400 CON	Function and Performance Preservation	Safety  100 % Federal 0 % State 0 % Local	Construction of left-turn lanes          <b>VTrans PM:</b> Coburn, Patti
HP003 VT2A Improvements  Colchester Village VTrans Number: STP 5600(19)					Total: \$3,900,000 PE: ROW: CON:		\$150,000 PE	Function and Performance Preservation	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 VT2A/US7/Creek Rd/Bay Rd Intersection  VTrans Number: STP 5600(9)S	\$2,378,880 CON				Total: \$4,583,600 PE: \$1,010,000 ROW: \$600,000 CON: \$2,973,600	\$1,816,951	\$380,000 CON	Function and Performance Preservation	STP  80 % Federal 20 % State 0 % Local	          <b>VTrans PM:</b> Coburn, Patti
BP070 West Lakeshore Drive Path  Church Road to Prim Road VTrans Number: STP BP15(4)/ STP SDWK(16)/ TAP TA13(5)	\$80,000 ROW	\$1,091,460 CON			Total: \$1,772,017 PE: \$307,693 ROW: \$100,000 CON: \$1,364,324	\$147,835	\$540,000 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> Robertson, Thad



CCRPC # Project Location	FY17-20 Federal Funds				Other Project Information					
	FY17 Phase	FY18 Phase	FY19 Phase	FY20 Phase	Total Cost fed+state+local in 2015 Dollars	Fed. Funds Obligated Thru FY15	FY16 Fed Funds Phase	Project Use Category	Federal Funding Source	Remarks
<b>Colchester-Essex</b>										
BP069 <b>VT15 Multiuse Path</b>	\$60,000 ROW		\$996,670 CON		Total: \$1,520,838 PE: \$200,000 ROW: \$75,000 CON: \$1,245,838	\$162,160		Bike/ Pedestrian	STP  80 % Federal 20 % State 0 % Local	CIRC Alternatives Phase II implementation project.
Lime Kiln Road to Susie Wilson Road VTrans Number: NH 030-1(34)		CIRC Alternative Project								VTrans PM: Coburn, Patti
HP128 <b>VT15 Traffic Signal Upgrades</b>	\$100,000 CON				Total: \$165,000 PE: \$15,000 ROW: CON: \$150,000	\$130,637		Function and Performance Preservation	STP  100 % Federal 0 % State 0 % Local	Signal upgrades for 4 signals on VT15 -- St. Michael's College, West St. Extension, VT289 Ramps.
VTrans Number: STPG SGNL(45)										VTrans PM: Coburn, Patti
<b>Essex</b>										
BR048 <b>Alder Brook Culvert (BR2) on VT117</b>			\$1,150,000 CON		Total: \$1,577,500 PE: \$120,000 ROW: \$20,000 CON: \$1,437,500	\$97,296		Bridge Preservation	STP  80 % Federal 20 % State 0 % Local	Replacement of a failed buried structure on VT117 carrying Alder Brook.
VTrans Number: BF 5400(9)										VTrans PM: Young, Robert
BP091 <b>Pinecrest Drive Sidewalk</b>		\$174,215 CON			Total: \$357,770 PE: \$115,000 ROW: \$25,000 CON: \$217,770	\$80,000	\$261,216 CON	Bike/ Pedestrian	STP  80 % Federal 0 % State 20 % Local	2015 Transportation Alternatives grant (\$286,216)
VT2A to Suffolk Lane VTrans Number: TAP TA15(4)										VTrans PM: Perrigo, Joel

CCRPC # Project Location	FY17-20 Federal Funds				Other Project Information					
	FY17 Phase	FY18 Phase	FY19 Phase	FY20 Phase	Total Cost fed+state+local in 2015 Dollars	Fed. Funds Obligated Thru FY15	FY16 Fed Funds Phase	Project Use Category	Federal Funding Source	Remarks
HP120 Susie Wilson Road Corridor and Intersection Improvements	\$100,000 PE				Total: \$8,500,000 PE: \$150,000 ROW: CON:		\$50,000 PE	Capacity Expansion	STP  100 % Federal 0 % State 0 % Local	CIRC Alt Phase III project. Includes improvements to VT15/Susie Wilson Rd and Susie Wilson/Kellogg Rd  <b>VTrans PM:</b>  Coburn, Patti
VTrans Number: STP 5400(11)		CIRC Alternative Project - construction schedule to be determined								
OT025 Sydney Drive Detention Pond	\$175,953 CON				Total: \$304,942 PE: \$85,000 ROW: CON: \$219,942		\$68,000 PE	Other	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.  <b>VTrans PM:</b> Perrigo, Joel
VTrans Number: TAP TA16(5)										
BP086 Towers Road Sidewalk	\$134,593 ROW/CON				Total: \$234,050 PE: \$50,000 ROW: \$15,000 CON: \$169,050	\$40,540		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>VTrans PM:</b> Perrigo, Joel
VTrans Number: STP BP14(7)										
HP098B VT117 Paving	\$500,000 CON	\$3,526,580 CON			Total: \$5,233,484 PE: \$200,262 ROW: CON: \$5,033,222	\$162,160	\$2,947,680 CON	Function and Performance Preservation	NHPP  80 % Federal 20 % State 0 % Local	1.2 miles east of 5-Corners to Jericho Town Line.  <b>VTrans PM:</b> Fowler, Mike
VTrans Number: NH 2931(2)										
OT023 VT117/North Williston Road Hazard Mitigation Improvements					Total: \$400,000 PE: ROW: CON:			Other	STP  80 % Federal 20 % State 0 % Local	CIRC Alt Phase III project. Installation of a 6 ft box culvert, safety enhancements and armoring.  <b>VTrans PM:</b> CIRC Alternative
VTrans Number:		CIRC Alternative Project - Funding schedule to be determined								

CCRPC # Project Location	FY17-20 Federal Funds				Other Project Information					
	FY17 Phase	FY18 Phase	FY19 Phase	FY20 Phase	Total Cost fed+state+local in 2015 Dollars	Fed. Funds Obligated Thru FY15	FY16 Fed Funds Phase	Project Use Category	Federal Funding Source	Remarks
HP121 VT117/North Williston Road Intersection Improvements	\$50,000 PE	\$200,000 PE			Total: \$3,175,000 PE: \$250,000 ROW: \$50,000 CON: \$2,875,000			Function and Performance Preservation	STP 100 % Federal 0 % State 0 % Local	CIRC Alt Phase III project.  <b>VTrans PM:</b>  CIRC Alternative
VTrans Number: STP 5400(10)		CIRC Alternative Project - construction schedule to be determined								
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.  <b>VTrans PM:</b> Coburn, Patti
VTrans Number:		CIRC Alternative Project - Funding schedule to be determined								
HP082 VT15/Sand Hill Road Intersection Improvements	\$75,000 ROW		\$1,000,000 CON		Total: \$1,275,000 PE: \$200,000 ROW: \$75,000 CON: \$1,000,000	\$200,000		Function and Performance Preservation	STP 100 % Federal 0 % State 0 % Local	CIRC Alt Phase II implementation project. Scoping completed February 2008.  <b>VTrans PM:</b> Coburn, Patti
VTrans Number: STPG 030-1(22)		CIRC Alternative Project								
HP101B VT2A/VT289 Intersection	\$1,467,400 CON				Total: \$1,667,400 PE: \$200,000 ROW: CON: \$1,467,400	\$200,000		Capacity Expansion	STP 100 % Federal 0 % State 0 % Local	CIRC Alt Project. Phase II includes geometric changes to the intersection.  <b>VTrans PM:</b> Coburn, Patti
Phase II Improvements VTrans Number: STP 5400(7)		CIRC Alternative Project								

CCRPC # Project Location	FY17-20 Federal Funds				Other Project Information					
	FY17 Phase	FY18 Phase	FY19 Phase	FY20 Phase	Total Cost fed+state+local in 2015 Dollars	Fed. Funds Obligated Thru FY15	FY16 Fed Funds Phase	Project Use Category	Federal Funding Source	Remarks
<b>Essex Junction</b>										
OT026 Creek Condominiums Stormwater Project	\$94,456 ROW/CON				Total: \$220,000 PE: \$60,000 ROW: \$75,000 CON: \$85,000		\$48,000 PE	Other	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 village road.
VTrans Number: TAP TA16(7)										
HC014 Crescent Connector	\$1,000,000 CON	\$3,800,000 CON			Total: \$7,171,661 PE: \$872,022 ROW: \$299,639 CON: \$6,000,000	\$972,960	\$2,400,000 CON	Capacity Expansion	STP  80 % Federal 20 % State 0 % Local	CIRC Alt Phase I project. Construction of a new road connecting VT2A and VT117.
VT2A to VT117 VTrans Number: STP 5300(13)										
CIRC Alternative Project										
BP071B Multi-Use Safety Path					Total: \$497,500 PE: \$128,897 ROW: \$8,000 CON: \$368,595	\$137,600	\$310,150 CON	Bike/ Pedestrian	STP  80 % Federal 0 % State 20 % Local	2013 Transportation Alternatives grant (\$250,000).
Central Street to North Street VTrans Number: TAP TA13(6)										
Funds to be obligated in FY16										
HP124B Paving VT15 and VT117					Total: \$3,192,701 PE: \$215,141 ROW: CON: \$2,977,560	\$243,240	\$3,248,000 CON	Function and Performance Preservation	NHPP  80 % Federal 20 % State 0 % Local	Paving Class I Town Highway Routes on National Highway System in Essex Junction.
National Highway System VTrans Number: NH 2956(2)										
Funds to be obligated in FY16										
HP124A Paving VT2A					Total: \$1,488,455 PE: \$158,246 ROW: CON: \$1,330,209	\$121,620	\$901,600 CON	Function and Performance Preservation	STP  80 % Federal 20 % State 0 % Local	Paving of Class I Town Highways in Essex Junction (non-NHS)
Non-National Highway System VTrans Number: STP 2956(1)										
Funds to be obligated in FY16										
VTrans PM: Fowler, Mike										

CCRPC # Project Location	FY17-20 Federal Funds				Other Project Information					
	FY17 Phase	FY18 Phase	FY19 Phase	FY20 Phase	Total Cost fed+state+local in 2015 Dollars	Fed. Funds Obligated Thru FY15	FY16 Fed Funds Phase	Project Use Category	Federal Funding Source	Remarks
HP111 <b>Pearl Street Improvements</b>  Post Office Square to 5-Corners <b>VTrans Number:</b> STP 5300(14)	\$500,000 CON	\$956,000 CON			Total: \$2,120,000 PE: \$250,000 ROW: \$50,000 CON: \$1,820,000	\$251,348	\$40,000 ROW	Function and Performance Preservation	STP  80 % Federal 20 % State 0 % Local	CIRC Alternatives Phase II implementation project.       <b>VTrans PM:</b> Perrigo, Joel

## Essex, Williston

HP126 <b>Signal Upgrades on VT2A and VT15</b>  Locations on US2, VT15 and VT2A <b>VTrans Number:</b> STPG SGNL(46)	\$1,011,000 CON				Total: \$1,100,000 PE: \$100,000 ROW: CON: \$1,000,000	\$100,000		Function and Performance Preservation	STP  100 % Federal 0 % State 0 % Local	Signal upgrades and associated improvements at 15 intersections on VT2A in Williston and VT15 in Essex.       <b>VTrans PM:</b> Coburn, Patti
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## Hinesburg

BR053 <b>BR24 on VT116</b>  North of North Road <b>VTrans Number:</b> BF 021-1(35)	\$28,000 Scoping				Total: PE: ROW: CON:			Bridge Preservation	STP  80 % Federal 20 % State 0 % Local	Replace a failing cattle underpass       <b>VTrans PM:</b>
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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> Perrigo, Joel
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CCRPC # Project Location	FY17-20 Federal Funds				Other Project Information					
	FY17 Phase	FY18 Phase	FY19 Phase	FY20 Phase	Total Cost fed+state+local in 2015 Dollars	Fed. Funds Obligated Thru FY15	FY16 Fed Funds Phase	Project Use Category	Federal Funding Source	Remarks
HP058 VT116/CVU Road Improvements	\$1,621,937 CON				Total: \$2,141,937 PE: \$370,000 ROW: \$150,000 CON: \$1,621,937	\$106,532	\$150,000 ROW	Function and Performance Preservation	STP 100 % Federal 0 % State 0 % Local	Improvements including left turn lanes on VT116. Sect. 164 funds used for PE.
VT116/TH1/TH7 VTrans Number: HES 021-1(19)										<b>VTrans PM:</b> Coburn, Patti

## Huntington

BR042 Bridge 30 on Camels Hump Road					Total: \$1,016,560 PE: \$165,000 ROW: \$25,000 CON: \$826,560	\$168,000	\$660,000 CON	Bridge Preservation	STP 80 % Federal 10 % State 10 % Local	Construction contract awarded January 2016.
BR30 on TH22 over Brush Brook VTrans Number: BRO 1445(35)				Funds to be obligated in FY16						<b>VTrans PM:</b> Carlson, Carolyn
BR045 Bridge 8 on Main Road (South of Moody Road)	\$1,410,400 CON				Total: \$2,068,000 PE: \$285,000 ROW: \$20,000 CON: \$1,763,000	\$75,000	\$108,000 ROW	Bridge Preservation	STP 80 % Federal 15 % State 5 % Local	
BR8 on FAS0211 over Huntington River VTrans Number: BF 0211(32)										<b>VTrans PM:</b> Young, Robert

## Interstate/Expressway

BR047 I-89 Bridge Rehabilitation, Bolton	\$90,000 PE		\$450,000 CON		Total: \$600,000 PE: \$100,000 ROW: CON: \$500,000	\$22,500		Bridge Preservation	NHPP 90 % Federal 10 % State 0 % Local	
Culvert 51-3 Carrying Notch Road VTrans Number: IM 089-2(45)										<b>VTrans PM:</b> Fitch, Jennifer

CCRPC # Project Location	FY17-20 Federal Funds				Other Project Information					
	FY17 Phase	FY18 Phase	FY19 Phase	FY20 Phase	Total Cost fed+state+local in 2015 Dollars	Fed. Funds Obligated Thru FY15	FY16 Fed Funds Phase	Project Use Category	Federal Funding Source	Remarks
BR032 <b>I-89 Bridge Rehabilitation, Colchester</b>  BR76 (Bay Road) and BR77 (Mallets Creek) <b>VTrans Number:</b> IM 089-3(69)	\$902,350 PE	\$5,400,000 CON			Total: \$7,002,613 PE: \$1,002,613 ROW: CON: \$6,000,000	\$122,500		Bridge Preservation	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> Higgins, Kristen
BR044 <b>I-89 Bridge Rehabilitation, Colchester</b>  Culvert 75-1N - North of Blakely Road <b>VTrans Number:</b> IM 089-3(71)					Total: \$2,006,871 PE: \$306,871 ROW: CON: \$1,700,000	\$112,500	\$1,530,000 CON	Bridge Preservation	NHPP  90 % Federal 10 % State 0 % Local	<b><u>VTrans PM:</u></b> Fitch, Jennifer
BR039 <b>I-89 Bridge Replacement, Milton</b>  Bridge 81 over the Lamoille River <b>VTrans Number:</b> IM 089-3(66)					Total: \$25,633,116 PE: \$225,316 ROW: CON: \$25,407,800	\$22,903,056		Bridge Preservation	NHPP  90 % Federal 10 % State 0 % Local	Design build project.  <b><u>VTrans PM:</u></b> Sumner, Todd
BR041 <b>I-89 Culvert Improvements, South Burlington</b>  Culverts 63 and 64. <b>VTrans Number:</b> IM CULV(24)	\$4,413,015 CON				Total: \$10,053,069 PE: \$300,129 ROW: CON: \$9,753,069	\$270,000	\$4,365,000 CON	Bridge Preservation	NHPP  95 % Federal 5 % State 0 % Local	Design build project.  <b><u>VTrans PM:</u></b> Mahendratnam, T

CCRPC # Project Location	FY17-20 Federal Funds				Other Project Information					
	FY17 Phase	FY18 Phase	FY19 Phase	FY20 Phase	Total Cost fed+state+local in 2015 Dollars	Fed. Funds Obligated Thru FY15	FY16 Fed Funds Phase	Project Use Category	Federal Funding Source	Remarks
<b>Jericho</b>										
BP083 <b>Browns River Middle School and Union ID School Crossing Improvements</b>	\$154,560 CON				Total: \$243,200 PE: \$40,000 ROW: \$10,000 CON: \$193,200	\$32,432		Bike/ Pedestrian	STP  80 % Federal 10 % State 10 % Local	2014 Bike/Ped award for design and construction of crossings with RRFB and Ped Hybrid Beacon to cross VT15.
VTrans Number: STP BP14(2)										<b>VTrans PM:</b> Bohl, Tina
BP065B <b>Browns Trace Multimodal Connection</b>	\$20,000 ROW	\$308,000 CON			Total: \$460,000 PE: \$50,000 ROW: \$25,000 CON: \$385,000		\$352,700 PE/CON	Bike/ Pedestrian	STP  80 % Federal 10 % State 10 % Local	2015 Bike/Ped award (\$352,700)
Pratt Road to Lee River Road - Segment 2										<b>VTrans PM:</b> Perrigo, Joel
VTrans Number: STP BP15(10)										
BP095 <b>Village Connection Scoping Study</b>					Total: \$38,000 PE: ROW: CON:		\$28,380 PE	Bike/ Pedestrian	STP  80 % Federal 10 % State 10 % Local	2015 Bike/Ped grant (\$28,380)
VTrans Number: STP BP15(21)      Funds to be obligated in FY16										<b>VTrans PM:</b> Robertson, Thad
HP093 <b>VT15/Browns Trace Intersection Improvements</b>	\$1,794,852 CON				Total: \$2,280,852 PE: \$350,000 ROW: \$136,000 CON: \$1,794,852	\$451,000	\$1,794,852 CON	Function and Performance Preservation	Safety  100 % Federal 0 % State 0 % Local	To be funded with Section 148 HSIP funds. Westbound left turn lane to be added.
VTrans Number: STP HES 030-1(21)										<b>VTrans PM:</b> Coburn, Patti



CCRPC # Project Location	FY17-20 Federal Funds				Other Project Information					
	FY17 Phase	FY18 Phase	FY19 Phase	FY20 Phase	Total Cost fed+state+local in 2015 Dollars	Fed. Funds Obligated Thru FY15	FY16 Fed Funds Phase	Project Use Category	Federal Funding Source	Remarks

## Jericho-Richmond

HP098A VT117 Paving	\$1,000,000 CON	\$3,603,575 CON			Total: \$6,068,869 PE: \$314,400 ROW: CON: \$5,754,469	\$168,240	\$3,349,720 CON	Function and Performance Preservation	STP  80 % Federal 20 % State 0 % Local	Essex Town Line to US2.          <b>VTrans PM:</b> Fowler, Mike
VTrans Number: STP 2931(1)										

## Milton

BP075 McMullen Road Sidewalk Improvement Project					Total: \$422,812 PE: \$26,812 ROW: \$3,000 CON: \$393,000	\$37,292	\$314,000 CON	Bike/ Pedestrian	STP  80 % Federal 10 % State 10 % Local	2013 Bike/Ped grant for design and construction of sidewalk along McMullen Rd. from Railroad St. to Hobbs Rd.       <b>VTrans PM:</b> Kaplan, Jon
VTrans Number: STP BP13(3)		Funds to be obligated in FY16								

HP015 US2/Bear Trap Road (TH40)					Total: \$35,369 PE: \$15,000 ROW: CON: \$20,369		\$50,000 CON	Function and Performance Preservation	Safety  100 % Federal 0 % State 0 % Local	New roadway delineation and new dynamic warning signs       <b>VTrans PM:</b> Coburn, Patti
VTrans Number: HES 028-1(27)		Funds to be obligated in FY16								

HP007 US7/Middle Rd/Railroad St Intersection	\$350,000 PE	\$150,000 ROW		\$3,500,000 CON	Total: \$4,150,000 PE: \$550,000 ROW: \$150,000 CON: \$3,500,000	\$200,000		Function and Performance Preservation	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
US7/TH1 VTrans Number: STP 5800(3)										

CCRPC # Project Location	FY17-20 Federal Funds				Other Project Information					
	FY17 Phase	FY18 Phase	FY19 Phase	FY20 Phase	Total Cost fed+state+local in 2015 Dollars	Fed. Funds Obligated Thru FY15	FY16 Fed Funds Phase	Project Use Category	Federal Funding Source	Remarks

## Regional

OT024 <b>Advancement in Micro-Urban Metropolitan Corridor Monitoring</b>					Total: \$1,227,220	\$981,780		Function and Performance Preservation	AID	CCRPC was awarded a federal Accelerated Innovation Deployment (AID) demonstration grant.
VTrans Number:				Funds obligated	PE:				80 % Federal	
					ROW:				20 % State	
					CON:				0 % Local	<b>VTrans PM:</b>

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

BR033 <b>Bridge Preventative Maintenance</b>	\$250,000	\$250,000	\$250,000	\$250,000	Total:		\$250,000	Bridge Preservation	NHPP/STP	Bridge preventative maintenance and painting for state and interstate bridges in Chittenden County. Funding shares to be determined.
Regional	PE/ROW/CON	PE/ROW/CON	PE/ROW/CON	PE/ROW/CON	PE:		PE/ROW/CON		% Federal	
VTrans Number:					ROW:				% State	
					CON:				% Local	<b>VTrans PM:</b> Regional

BR004 <b>Bridge Scoping and Preliminary Engineering</b>	\$100,000	\$100,000	\$100,000	\$100,000	Total:		\$100,000	Bridge Preservation	NHPP/STP	Funding for VTrans scoping and preliminary engineering. Funding shares to be determined.
Regional	PE	PE	PE	PE	PE:		PE		% Federal	
VTrans Number:					ROW:				% State	
					CON:				% Local	<b>VTrans PM:</b> Regional

OT006 <b>Design Scoping Projects</b>	\$100,000	\$100,000	\$100,000	\$100,000	Total:		\$100,000	Other	NHPP/STP	Funding for VTrans scoping in Chittenden County. Funding shares to be determined.
Regional	PE	PE	PE	PE	PE:		PE		% Federal	
VTrans Number:					ROW:				% State	
					CON:				% Local	<b>VTrans PM:</b> Regional

CCRPC # Project Location	FY17-20 Federal Funds				Other Project Information					
	FY17 Phase	FY18 Phase	FY19 Phase	FY20 Phase	Total Cost fed+state+local in 2015 Dollars	Fed. Funds Obligated Thru FY15	FY16 Fed Funds Phase	Project Use Category	Federal Funding Source	Remarks
OT005 <b>Local Roads</b>	\$16,000	\$16,000	\$16,000	\$16,000	Total:		\$16,000	Function and Performance Preservation	LTAP	CCRPC's share of the statewide Local Roads program. Funds are non- constrained.
Regional					PE:				80 % Federal	
VTrans Number:					ROW:				20 % State	
					CON:				0 % Local	<b>VTrans PM:</b> 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:		\$500,000 PE/ROW/CON	Other	NHPP/STP	Funds to be used for projects that have been completed but are still incurring costs. Funding shares to be determined.
Regional					PE:				% Federal	
VTrans Number:					ROW:				% State	
					CON:				% Local	<b>VTrans PM:</b> Regional
HP012 <b>Pavement Marking</b>	\$40,000 CON	\$40,000 CON	\$40,000 CON	\$40,000 CON	Total:		\$40,000 CON	Function and Performance Preservation	NHPP/STP	Funding for VTrans annual pavement marking in Chittenden County.
Regional					PE:				100 % Federal	
VTrans Number:					ROW:				0 % State	
					CON:				0 % Local	<b>VTrans PM:</b> Regional
HP016 <b>Paving</b>	\$50,000 PE/CON	\$50,000 PE/CON	\$50,000 PE/CON	\$50,000 PE/CON	Total:		\$50,000 PE/CON	Function and Performance Preservation	NHPP/STP	Funding for VTrans design of paving projects in Chittenden County. Funding shares to be determined.
Regional					PE:				% Federal	
VTrans Number:					ROW:				% State	
					CON:				% Local	<b>VTrans PM:</b> Regional
BP022 <b>Regional Recreational Trails</b>	\$70,000 CON	\$70,000 CON	\$70,000 CON	\$70,000 CON	Total:		\$70,000 CON	Bike/ Pedestrian	Rec Trails	Recreational trails program administered by the Vermont Agency of Natural Resources.
Regional					PE:				80 % Federal	
VTrans Number:					ROW:				0 % State	
					CON:				20 % Local	<b>VTrans PM:</b> Regional

CCRPC # Project Location	FY17-20 Federal Funds				Other Project Information					
	FY17 Phase	FY18 Phase	FY19 Phase	FY20 Phase	Total Cost fed+state+local in 2015 Dollars	Fed. Funds Obligated Thru FY15	FY16 Fed Funds Phase	Project Use Category	Federal Funding Source	Remarks
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:		\$250,000 PE/ROW/CON	Function and Performance Preservation	Safety  % Federal % State % Local	Funding for safety projects. Funding shares to be determined.  <b><u>VTrans PM:</u></b> Regional
Regional VTrans Number:										
HP115 <b>Slopes and Slides</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	Function and Performance Preservation	NHPP/STP  % Federal % State % Local	Funding for projects to address and maintain stability of slopes. Funding shares to be determined.  <b><u>VTrans PM:</u></b> Regional
VTrans Number:										
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:			Bridge Preservation	NHPP/STP  % Federal % State % Local	Funding for small culvert projects in Chittenden County.  <b><u>VTrans PM:</u></b> Regional
Regional VTrans Number:			New							
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	Function and Performance Preservation	STP  100 % Federal 0 % State 0 % Local	Funding for Chittenden County share of VTrans statewide optimization of traffic signals on the state system.  <b><u>VTrans PM:</u></b> Regional
VTrans Number:										
HP027 <b>Traffic Signals</b>	\$10,000 PE	\$10,000 PE	\$10,000 PE	\$10,000 PE	Total: PE: ROW: CON:		\$10,000 PE	Function and Performance Preservation	STP  100 % Federal 0 % State 0 % Local	Funding for VTrans scoping and preliminary engineering for traffic signals on the state system in Chittenden County.  <b><u>VTrans PM:</u></b> Regional
Regional VTrans Number:										

CCRPC # Project Location	FY17-20 Federal Funds				Other Project Information					
	FY17 Phase	FY18 Phase	FY19 Phase	FY20 Phase	Total Cost fed+state+local in 2015 Dollars	Fed. Funds Obligated Thru FY15	FY16 Fed Funds Phase	Project Use Category	Federal Funding Source	Remarks
HP054 Traffic Signals and Optimization					Total:			Function and Performance Preservation	STP	CCRPC traffic signal project.
VTrans Number:					PE:				100 % Federal	
					ROW:				0 % State	
					CON:				0 % Local	<u>VTrans PM:</u> Regional
<b>Richmond</b>										
BR046 Richmond Bridge 32 on US2 over Snipe Island Brook	\$875,122 CON				Total: \$1,320,929	\$75,000	\$52,000 ROW	Bridge Preservation	STP	
VTrans Number: BF 0284(28)					PE: \$175,929				80 % Federal	
					ROW: \$63,000				20 % State	
					CON: \$1,082,000				0 % Local	<u>VTrans PM:</u> Young, Robert
<b>Shelburne</b>										
OT027 Nesti/VELCO Gravel Wetlands Project	\$87,000 CON				Total: \$360,000			Other	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)					PE: \$60,000				80 % Federal	
					ROW:				0 % State	
					CON: \$300,000				20 % Local	
										<u>VTrans PM:</u> Perrigo, Joel
HP127 US7/Harbor Road/Falls Road					Total: \$1,540,000			Function and Performance Preservation	STP	Intersection upgrades. Illustrative project pending the availability of federal funds.
VTrans Number:		Illustrative			PE: \$140,000				80 % Federal	
					ROW:				20 % State	
					CON: \$1,400,000				0 % Local	<u>VTrans PM:</u>

CCRPC # Project Location	FY17-20 Federal Funds				Other Project Information					
	FY17 Phase	FY18 Phase	FY19 Phase	FY20 Phase	Total Cost fed+state+local in 2015 Dollars	Fed. Funds Obligated Thru FY15	FY16 Fed Funds Phase	Project Use Category	Federal Funding Source	Remarks
BP084 <b>Village Sidewalk and Crosswalks</b>	\$111,890 CON				Total: \$150,000 PE: \$35,000 ROW: CON: \$115,000	\$28,378	\$111,890 CON	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
<b>South Burlington</b>										
OT028 <b>Butler Farms/Oak Creek Village Culvert Replacement</b>	\$236,000 CON				Total: \$498,000 PE: \$85,500 ROW: CON: \$412,500		\$64,000 PE	Other	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
HC012 <b>I-89 Exit 14 Upgrades</b>					Total: \$1,564,400 PE: ROW: CON:			Capacity Expansion	SAFETEA-LU Earmark  80 % Federal % State % Local	SAFETEA-LU earmark. Demo ID number VT039. Earmark amount \$4 M programmed at 90%. \$2.1 M was used for Improvements to I-89 Exit 14 Ramp C, \$150,000 for Intercept Facility Scoping, \$401,588 for Staples Lane.  <b>VTrans PM:</b> Earmark
HC010B <b>Market Street Reconstruction</b>	\$2,652,000 CON				Total: \$6,673,369 PE: \$2,000,000 ROW: \$60,000 CON: \$4,613,369	\$973,000	\$2,500,000 CON	Capacity Expansion	SAFETEA-LU Earmark  80 % Federal 0 % State 20 % Local	Demo ID number VT058. Earmark amount \$5 M programmed at 90%. Balance of PE to come from STP Earmark (Project HC010A).  <b>VTrans PM:</b> Perrigo, Joel

CCRPC # Project Location	FY17-20 Federal Funds				Other Project Information					
	FY17 Phase	FY18 Phase	FY19 Phase	FY20 Phase	Total Cost fed+state+local in 2015 Dollars	Fed. Funds Obligated Thru FY15	FY16 Fed Funds Phase	Project Use Category	Federal Funding Source	Remarks
BR043 VT116 Potash Brook Culvert	\$818,910 CON				Total: \$1,229,779 PE: \$199,779 ROW: \$30,000 CON: \$1,000,000	\$121,620	\$160,000 ROW	Bridge Preservation	STP  80 % Federal 20 % State 0 % Local	Replace culvert          <b><u>VTrans PM:</u></b> Upmal, Ken
VTrans Number: STP SCR(8)										
BP085A VT116 Sidewalk to Tilley Drive					Total: \$59,375 PE: \$40,000 ROW: \$0 CON: \$19,375	\$52,300	\$4,000 ROW	Bike/ Pedestrian	STP  80 % Federal 10 % State 10 % Local	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, Scott
VTrans Number: STP SDWK(10)                      Funds to be obligated in FY16										
BP085B VT116 Sidewalk to Tilley Drive	\$136,214 CON				Total: \$168,000 PE: ROW: CON: \$168,000			Bike/ Pedestrian	STP  80 % Federal 10 % State 10 % Local	2014 Bike/Ped award (\$136,214) to construct project BP085A          <b><u>VTrans PM:</u></b> Robertson, Scott
VTrans Number: STP BP14(6)										
<b>South Burlington-Williston</b>										
HP104 US2 Paving	\$5,019,061 CON				Total: \$6,624,160 PE: \$433,902 ROW: CON: \$6,190,258	\$243,240	\$4,800,000 CON	Function and Performance Preservation	NHPP  80 % Federal 20 % State 0 % Local	Paving beginning 1.3 miles east of VT116 and extending east 2.2 miles.          <b><u>VTrans PM:</u></b> Fowler, Mike
VTrans Number: NH 2944(1)										

CCRPC # Project Location	FY17-20 Federal Funds				Other Project Information					
	FY17 Phase	FY18 Phase	FY19 Phase	FY20 Phase	Total Cost fed+state+local in 2015 Dollars	Fed. Funds Obligated Thru FY15	FY16 Fed Funds Phase	Project Use Category	Federal Funding Source	Remarks
<b>Transit</b>										
TR061A CCTA Capital - Buses, Facilities and Equipment	\$7,600,000	\$3,000,000	\$3,000,000	\$3,000,000	Total:		\$2,000,000	Transit	FTA Sec. 5309/5339	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	
										<u>VTrans PM:</u> Transit
TR061B CCTA Capital - Buses, Facilities and Equipment	\$2,400,000				Total:			Transit	STP Transfer	
VTrans Number:					PE:				80 % Federal	
					ROW:				10 % State	
					CON:				10 % Local	
										<u>VTrans PM:</u> Transit
TR078 CCTA Capital - Facility and Bus Heavy Repairs	\$1,000,000	\$300,000	\$300,000	\$300,000	Total:		\$200,000	Transit	STP Transfer	Facility and bus PM such as HVAC, energy efficiency, roof, doors, lifts, engines, transmissions, floors, radiators. Pending award of funds to CCTA.
VTrans Number:					PE:				80 % Federal	
					ROW:				10 % State	
					CON:				10 % Local	
										<u>VTrans PM:</u> Transit
TR076 CCTA Capital - Fare Payment System Improvement	\$1,000,000	\$1,000,000	\$500,000	\$500,000	Total:			Transit	STP Transfer	Improved fare payment system. Pending award of funds to CCTA.
VTrans Number:					PE:				80 % Federal	
					ROW:				10 % State	
					CON:				10 % Local	
										<u>VTrans PM:</u> Transit



CCRPC # Project Location	FY17-20 Federal Funds				Other Project Information					
	FY17 Phase	FY18 Phase	FY19 Phase	FY20 Phase	Total Cost fed+state+local in 2015 Dollars	Fed. Funds Obligated Thru FY15	FY16 Fed Funds Phase	Project Use Category	Federal Funding Source	Remarks
TR003A CCTA Capital - Federal	\$100,000	\$100,000	\$100,000	\$100,000	Total: PE: ROW: CON:		\$100,000	Transit	FTA Sec. 5307  80 % Federal 10 % State 10 % Local	Federal formula funds.       <b><u>VTrans PM:</u></b> Transit
TR003B CCTA Capital - Federal	\$170,805	\$175,929	\$181,207	\$200,000	Total: PE: ROW: CON:		\$490,000	Transit	FTA Sec. 5339 - Urban Allocation  80 % Federal 10 % State 10 % Local	Federal Bus and Bus Facility Program.       <b><u>VTrans PM:</u></b> Transit
TR072 CCTA ITS System	\$500,000	\$500,000	\$150,000	\$150,000	Total: PE: ROW: CON:		\$600,000	Transit	STP Transfer  80 % Federal 10 % State 10 % Local	Phase in of additional ITS products. Pending award of funds to CCTA.       <b><u>VTrans PM:</u></b> Transit
TR079C CCTA Mobility Management	\$75,190	\$77,446	\$79,769	\$82,162	Total: PE: ROW: CON:		\$73,000	Transit	FTA Sec. 5310 Urbanized Allocation  80 % Federal 0 % State 20 % Local	Mobility management. Pending award of funds to CCTA.       <b><u>VTrans PM:</u></b> Transit
TR002 CCTA Operating - Federal	\$2,600,000	\$2,700,000	\$2,800,000	\$3,000,000	Total: PE: ROW: CON:		\$4,900,000	Transit	FTA Sec. 5307  50 % Federal 0 % State 50 % Local	Federal formula portion only. Matching funds provided by VTrans and CCTA. Includes JARC and CMAQ replacement funds.       <b><u>VTrans PM:</u></b> Transit

CCRPC # Project Location	FY17-20 Federal Funds				Other Project Information					
	FY17 Phase	FY18 Phase	FY19 Phase	FY20 Phase	Total Cost fed+state+local in 2015 Dollars	Fed. Funds Obligated Thru FY15	FY16 Fed Funds Phase	Project Use Category	Federal Funding Source	Remarks
TR030B CCTA Operation	\$350,000	\$400,000	\$450,000	\$475,000	Total:		\$485,000	Transit	Transfer from 5311 to 5307	Pending award of funds to CCTA.
VTrans Number:					PE:				50 % Federal	
					ROW:				50 % State	
					CON:				0 % Local	<u>VTrans PM:</u> Transit
TR063 CCTA Passenger Amenities	\$300,000	\$100,000	\$100,000	\$100,000	Total:		\$85,000	Transit	STP Transfer	Funding for passenger amenities. Pending award of funds to CCTA.
VTrans Number:					PE:				80 % Federal	
					ROW:				10 % State	
					CON:				10 % Local	<u>VTrans PM:</u> Transit
TR046 CCTA Preventative Maintenance	\$1,725,000	\$1,777,000	\$1,830,000	\$1,885,000	Total:		\$1,438,650	Transit	STP Transfer	Pending award of funds to CCTA.
VTrans Number:					PE:				80 % Federal	
					ROW:				0 % State	
					CON:				20 % Local	<u>VTrans PM:</u> Transit
TR054(4)-S CCTA Service - Burlington-Montpelier Inter-Regional Bus Service	\$29,355	\$30,236	\$31,143	\$32,077	Total:		\$28,500	Transit	CMAQ	Additional trip at 4 pm on Burlington-Montpelier link due to standees. Pending award of funds to CCTA. Funding is shown in year prior to service year to accommodate application review time.
Burlington-Montpelier					PE:				80 % Federal	
VTrans Number:					ROW:				0 % State	
					CON:				20 % Local	<u>VTrans PM:</u> Transit
TR087 CCTA Service - Burlington-Waterbury Inter-Regional Bus Service	\$108,178	\$113,587	\$119,266		Total:		\$91,180	Transit	CMAQ	Burlington to Waterbury service to consist of 2 morning, 2 evening and 1 midday trips.
Burlington-Waterbury					PE:				80 % Federal	
VTrans Number:					ROW:				20 % State	
					CON:				0 % Local	<u>VTrans PM:</u> Transit

CCRPC # Project Location	FY17-20 Federal Funds				Other Project Information					
	FY17 Phase	FY18 Phase	FY19 Phase	FY20 Phase	Total Cost fed+state+local in 2015 Dollars	Fed. Funds Obligated Thru FY15	FY16 Fed Funds Phase	Project Use Category	Federal Funding Source	Remarks
TR085-S CCTA Service - Essex Evening  Essex VTrans Number:	\$36,050	\$37,132	\$38,245	\$39,392	Total: PE: ROW: CON:		\$35,000	Transit	CMAQ  80 % Federal 0 % State 20 % Local	Pending award of funds to CCTA. Funding is shown in year prior to service year to accommodate application review time.  <b>VTrans PM:</b> Transit
TR067-S CCTA Service - Hinesburg Route  Hinesburg Route VTrans Number:	\$67,259	\$69,277	\$71,355	\$73,496	Total: PE: ROW: CON:		\$63,400	Transit	CMAQ  80 % Federal 0 % State 20 % Local	Pending award of funds to CCTA. Funding is shown in year prior to service year to accommodate application review time.  <b>VTrans PM:</b> Transit
TR068-S CCTA Service - Jeffersonville Commuter  Jeffersonville Commuter VTrans Number:	\$86,000				Total: PE: ROW: CON:		\$180,000	Transit	CMAQ  80 % Federal 20 % State 0 % Local	Pending award of funds to CCTA.  <b>VTrans PM:</b> Transit
										<b>CIRC Alternative Project</b>
TR074-S CCTA Service - Milton Route  Milton VTrans Number:	\$169,950	\$175,049	\$180,300	\$185,709	Total: PE: ROW: CON:		\$165,000	Transit	CMAQ  80 % Federal 0 % State 20 % Local	Pending award of funds to CCTA. Funding is shown in year prior to service to accommodate application review time.  <b>VTrans PM:</b> Transit
TR086-S CCTA Service - Milton/Colchester to Burlington  VTrans Number:	\$29,838				Total: PE: ROW: CON:		\$28,969	Transit	CMAQ  80 % Federal 20 % State 0 % Local	Additional stops in Colchester on Milton route.  <b>VTrans PM:</b> Transit
										<b>CIRC Alternative Project</b>

CCRPC # Project Location	FY17-20 Federal Funds				Other Project Information					
	FY17 Phase	FY18 Phase	FY19 Phase	FY20 Phase	Total Cost fed+state+local in 2015 Dollars	Fed. Funds Obligated Thru FY15	FY16 Fed Funds Phase	Project Use Category	Federal Funding Source	Remarks
TR077-S CCTA Service - North Avenue Increased Peak Frequencies  North Avenue VTrans Number:			\$340,000	\$350,000	Total: PE: ROW: CON:			Transit	CMAQ  80 % Federal 0 % State 20 % Local	15-minute service. Pending award of funds to CCTA.   <b>VTrans PM:</b> Transit
TR064-S CCTA Service - US2 Corridor  US2 VTrans Number:	\$739,776	\$761,969	\$784,828	\$808,373	Total: PE: ROW: CON:		\$710,229	Transit	CMAQ  80 % Federal 0 % State 20 % Local	Pending award of funds to CCTA. Funding is shown in year prior to service year to accommodate application review time.  <b>VTrans PM:</b> Transit
TR084-S CCTA Service - Williston Mid- Day  Williston Mid-Day VTrans Number:	\$15,335				Total: PE: ROW: CON:		\$22,500	Transit	CMAQ  80 % Federal 20 % State 0 % Local	Pending award of funds to CCTA.   <b>VTrans PM:</b> Transit
TR088 Innovative Improvements - Fleet, Facility and Equipment  VTrans Number:		\$5,000,000	\$5,000,000		Total: PE: ROW: CON:			Transit	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:	\$20,100	\$100,000	\$400,000	\$160,000	Total: PE: ROW: CON:			Transit	FTA Sec. 5310  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

CCRPC # Project Location	FY17-20 Federal Funds				Other Project Information					
	FY17 Phase	FY18 Phase	FY19 Phase	FY20 Phase	Total Cost fed+state+local in 2015 Dollars	Fed. Funds Obligated Thru FY15	FY16 Fed Funds Phase	Project Use Category	Federal Funding Source	Remarks
TR060A Paratransit Rolling Stock - Elderly & Disabled	\$156,500	\$75,000	\$232,500	\$400,000	Total:		\$325,000	Transit	VT. Sec. 5310	Replacement and expansion of sedan, cutaway and van fleet. Funding pending award.
VTrans Number:					PE:				80 % Federal	
					ROW:				10 % State	
					CON:				10 % Local	<b><u>VTrans PM:</u></b> Transit
TR080 Paratransit Scheduling Software and Hardware			\$50,000	\$50,000	Total:			Transit	STP Transfer	Maintenance and licensing fees. Funds awarded to VTrans. Pending award of funds to CCTA.
VTrans Number:					PE:				80 % Federal	
					ROW:				20 % State	
					CON:				0 % Local	<b><u>VTrans PM:</u></b> Transit
IN001C Regional Transit Center - Downtown Burlington			\$1,000,000		Total: \$12,125,430			Intermodal	STP Transfer	Construction cost for regional transit center.
VTrans Number:					PE: \$3,177,837				80 % Federal	
					ROW: \$283,600				10 % State	
					CON: \$8,663,993				10 % Local	<b><u>VTrans PM:</u></b> Transit
<b>Underhill</b>										
BP077 VT15/Underhill Flats Sidewalks	\$300,000 CON				Total: \$453,039	\$67,039	\$300,000 CON	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: \$67,039				80 % Federal	
					ROW: \$26,000				10 % State	
					CON: \$360,000				10 % Local	<b><u>VTrans PM:</u></b> Kaplan, Jon

CCRPC # Project Location	FY17-20 Federal Funds				Other Project Information					
	FY17 Phase	FY18 Phase	FY19 Phase	FY20 Phase	Total Cost fed+state+local in 2015 Dollars	Fed. Funds Obligated Thru FY15	FY16 Fed Funds Phase	Project Use Category	Federal Funding Source	Remarks

## Williston

BP082 <b>Harvest Lane Sidewalk</b>					Total: \$255,000 PE: \$50,000 ROW: \$0 CON: \$205,000	\$64,000	\$164,000 CON	Bike/ Pedestrian	STP  80 % Federal 0 % State 20 % Local	\$203,000 Transportation Alternatives grant for 1,325 feet of sidewalk on Harvest Lane.
VTrans Number: TAP TA14(3)	Funds to be obligated in FY16									
<b>VTrans PM:</b> Perrigo, Joel										

HC016A <b>I-89 Exit 12 Improvements - Stage 1</b>		\$32,000 ROW	\$1,200,000 CON		Total: \$1,790,000 PE: \$250,000 ROW: \$40,000 CON: \$1,500,000		\$200,000 PE	Capacity Expansion	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:			Capacity Expansion	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:			Capacity Expansion	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										

HC016D <b>I-89 Exit 12 Improvements - Stage 4</b>					Total: PE: ROW: CON:			Capacity Expansion	NHPP/STP  % Federal % State % Local	CIRC Alt Phase III project. VT 2A boulevard upgrade from grid street intersection to Taft Corners
VTrans Number: NH 5500( )	CIRC Alternative Project - Funding schedule to be determined									
<b>VTrans PM:</b> Upmal, Ken										

CCRPC # Project Location	FY17-20 Federal Funds				Other Project Information					
	FY17 Phase	FY18 Phase	FY19 Phase	FY20 Phase	Total Cost fed+state+local in 2015 Dollars	Fed. Funds Obligated Thru FY15	FY16 Fed Funds Phase	Project Use Category	Federal Funding Source	Remarks
HP122 Mountain View Road Shoulder Improvements					Total: \$3,500,000 PE: ROW: CON:			Bike/ Pedestrian	STP  80 % Federal 20 % State 0 % Local	CIRC Alt Phase III project. Shoulder improvements for bike/ped use. Project includes shoulders on Redmond Road to IBM access road.
VTrans Number:	CIRC Alternative Project - Funding schedule to be determined				<b>VTrans PM:</b> CIRC Alternative					
BP079 US2 Shared Use Path - Taft Corners to Williston Village					Total: \$2,800,000 PE: ROW: CON:			Bike/ Pedestrian	STP  80 % Federal 20 % State 0 % Local	CIRC Alt Phase III project.
VTrans Number:	CIRC Alternative Project - Funding schedule to be determined				<b>VTrans PM:</b> CIRC Alternative					
HP010 US2/Industrial Avenue Intersection	\$580,000 ROW		\$2,000,000 CON	\$1,065,000 CON	Total: \$5,813,391 PE: \$725,000 ROW: \$1,260,000 CON: \$3,828,391	\$926,430	\$608,000 ROW	Function and Performance Preservation	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					<b>VTrans PM:</b> Martin, Bruce					
HP109 US2/Trader Lane Traffic Signal					Total: \$1,075,000 PE: \$150,000 ROW: \$75,000 CON: \$850,000	\$250,000	\$60,000 ROW	Function and Performance Preservation	STP  0 % Federal 100 % State 0 % Local	CIRC Alternatives Phase II implementation project. Project will be funded with state funds.
VTrans Number: STPG 5500(14)	CIRC Alternative Project - Project to be funded wth State funds				<b>VTrans PM:</b> Coburn, Patti					
VT2A Infill Sidewalk, South of Taft Corners - West Side	\$77,000 ROW/CON				Total: \$146,083 PE: \$50,000 ROW: \$10,000 CON: \$86,083			Bike/ Pedestrian	STP  % Federal % State % Local	CCRPC Sidewalk grants - FY15 - \$75,000; FY16 - \$41,866.
VTrans Number: STP SDWK(21)					<b>VTrans PM:</b> Perrigo, Joel					

CCRPC # Project Location	FY17-20 Federal Funds				Other Project Information					
	FY17 Phase	FY18 Phase	FY19 Phase	FY20 Phase	Total Cost fed+state+local in 2015 Dollars	Fed. Funds Obligated Thru FY15	FY16 Fed Funds Phase	Project Use Category	Federal Funding Source	Remarks
HP105 VT2A Paving  MM 2.77 to 3.92 VTrans Number: NH 2949(1)	\$1,680,000 CON				Total: \$2,331,281 PE: \$306,092 ROW: CON: \$2,025,189	\$162,160	\$1,680,000 CON	Function and Performance Preservation	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.  <b>VTrans PM:</b> Fowler, Mike
BP080 VT2A Taft Corners Area Sidewalk/Shared Use Path  VTrans Number:					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
HP123 VT2A/Industrial Avenue/Mountain View Road Intersection Improvements  VTrans Number: STP 5500(17)	\$160,000 PE		\$40,000 ROW		Total: \$5,000,000 PE: \$450,000 ROW: \$50,000 CON: \$4,500,000	\$200,000		Capacity Expansion	STP  80 % Federal 20 % 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
HP090 VT2A/James Brown Drive Traffic Signal  VTrans Number: STP HES 5500(12)	\$700,000 CON	\$1,205,635 CON			Total: \$2,655,635 PE: \$550,000 ROW: \$200,000 CON: \$1,905,635	\$700,000		Capacity Expansion	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> Coburn, Patti



CCRPC # Project Location	FY17-20 Federal Funds				Other Project Information					
	FY17 Phase	FY18 Phase	FY19 Phase	FY20 Phase	Total Cost fed+state+local in 2015 Dollars	Fed. Funds Obligated Thru FY15	FY16 Fed Funds Phase	Project Use Category	Federal Funding Source	Remarks
IN004A <b>Williston Park and Ride</b>	\$1,400,000 CON				Total: \$3,573,000 PE: \$545,000 ROW: \$1,628,000 CON: \$1,400,000	\$2,068,000		Intermodal	CMAQ  100 % Federal 0 % State 0 % Local	Construct replacement park and ride lot near I-89 Exit 12.  <b>VTrans PM:</b> Bohl, Tina
New park and ride lot south of I-89 <b>VTrans Number:</b> CMG PARK(29)										

## Winooski

HP113 <b>Winooski Circulator</b>					Total: \$1,487,830 PE: \$200,000 ROW: CON: \$1,284,835		\$850,000 CON	Function and Performance Preservation	Safety  100 % Federal 0 % State 0 % Local	\$100,000 for PE in FY13 from project OT001 Regional Safety.  <b>VTrans PM:</b> Coburn, Patti
<b>VTrans Number:</b> HES 5100(13)				<b>Funds to be obligated in FY16</b>						

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## Section 3: Summary of Financial Statistics

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# CCRPC FY2017-2020 TIP Funding by Project Use Category

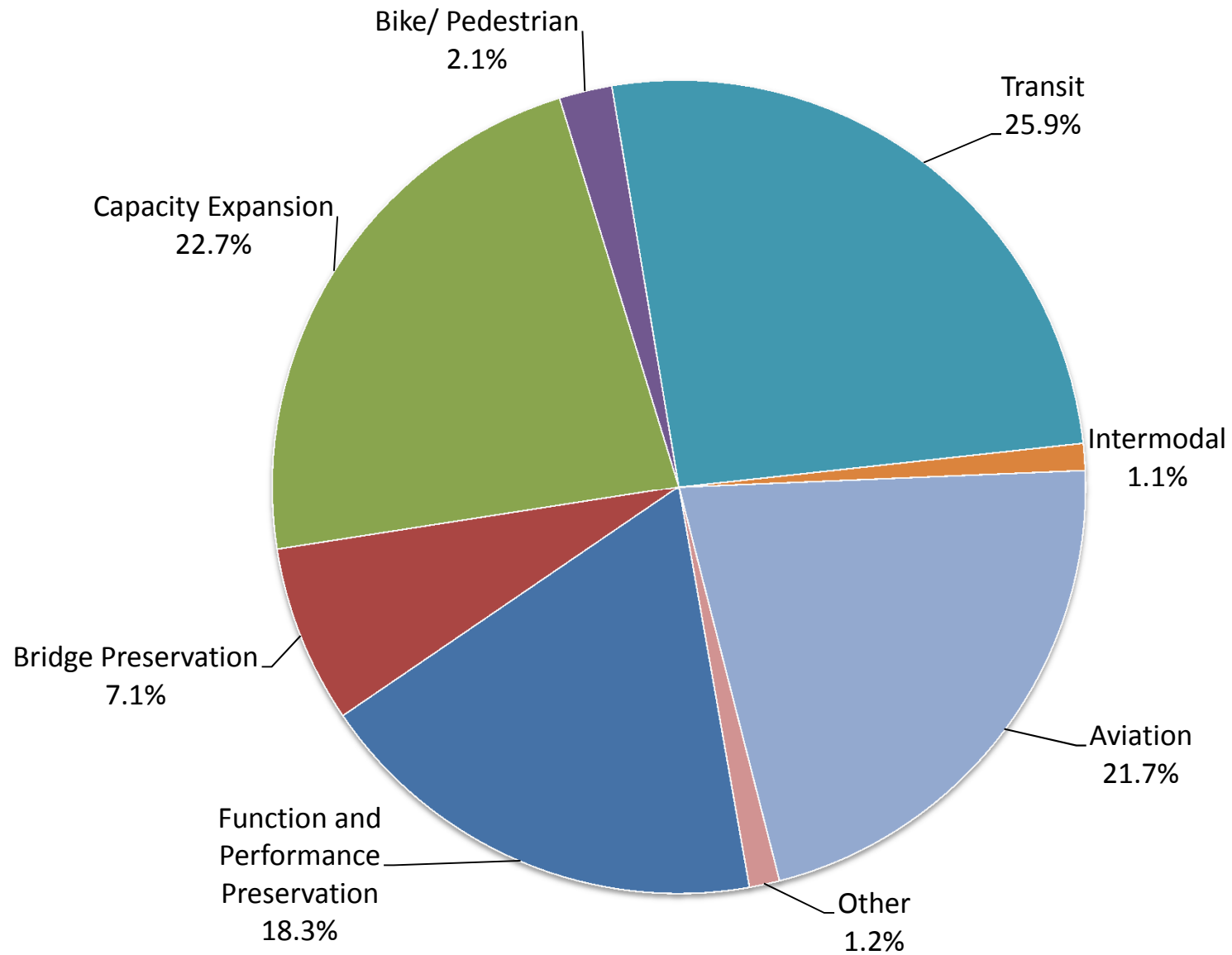
<i>Funding Uses</i>	<b>FY17 Federal Funds</b>	<b>FY18 Federal Funds</b>	<b>FY19 Federal Funds</b>	<b>FY20 Federal Funds</b>
Function and Performance Preservation	\$24,950,761	\$9,087,155	\$4,651,000	\$6,676,000
Bridge Preservation	\$9,037,797	\$5,900,000	\$2,100,000	\$500,000
Capacity Expansion	\$7,789,400	\$8,677,635	\$19,710,309	\$20,275,000
Bike/ Pedestrian	\$2,442,363	\$1,643,675	\$1,066,670	\$70,000
Transit	\$19,279,336	\$16,492,625	\$16,738,613	\$11,891,209
Intermodal	\$1,650,000		\$1,000,000	
Aviation	\$26,800,000	\$14,035,000	\$7,530,000	\$5,495,000
Other	\$1,193,409	\$600,000	\$600,000	\$600,000
<b>Total</b>	<b>\$93,143,066</b>	<b>\$56,436,090</b>	<b>\$53,396,592</b>	<b>\$45,507,209</b>

Note: Many projects listed in the categories Function and Performance Preservation, Bridge Preservation and Capacity also include improvements to bike/pedestrian facilities.

# CCRPC FY2017-2020 TIP Funding by Federal Funding Source and Constraint Status

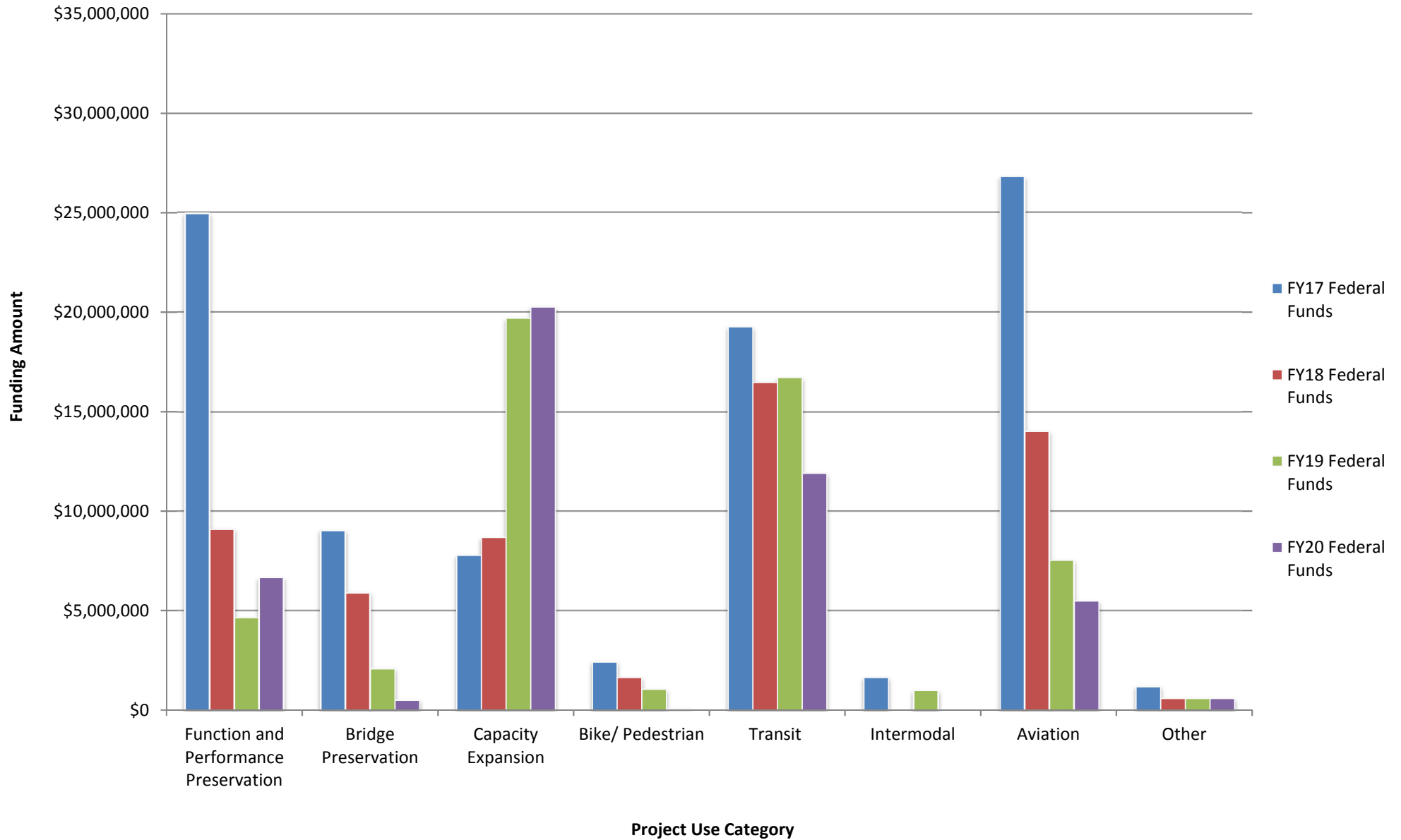
<i>Federal Funding Sources and Constraint Status</i>	FY17	FY18	FY19	FY20
<b>FHWA Constrained Funds</b>				
National Highway Preservation Program (NHPP)	\$14,138,092	\$3,558,580	\$1,200,000	
Surface Transportation Program (STP)	\$11,728,249	\$5,098,575	\$17,805,309	\$18,935,000
To Be Determined (NHPP or STP)	\$840,000	\$840,000	\$840,000	\$840,000
<b>FHWA Constrained Total</b>	<b>\$26,706,341</b>	<b>\$9,497,155</b>	<b>\$19,845,309</b>	<b>\$19,775,000</b>
<b>FHWA Non-Constrained Funds</b>				
National Highway Preservation Program (NHPP)	\$5,405,365	\$5,400,000	\$450,000	
STP CIRC Alternatives Phase I and Phase II Projects	\$4,813,400	\$6,601,635	\$1,996,670	\$4,000,000
Bike/Ped, Sidewalk or Transportation Alternatives Grant	\$2,608,172	\$1,573,675		
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
<b>FHWA Non-Constrained Total</b>	<b>\$13,342,937</b>	<b>\$14,091,310</b>	<b>\$2,962,670</b>	<b>\$4,516,000</b>
<b>FHWA Transfer to FTA</b>				
Congestion, Mitigation, Air Quality (CMAQ)	\$2,931,741	\$1,187,250	\$1,565,137	\$1,489,047
STP Transfer	\$6,945,100	\$3,777,000	\$4,280,000	\$3,095,000
<b>FHWA Transfer to FTA Total</b>	<b>\$9,876,841</b>	<b>\$4,964,250</b>	<b>\$5,845,137</b>	<b>\$4,584,047</b>
<b>Federal Earmark or Grant Funds</b>				
SAFETEA-LU Earmark	\$2,949,600			
Regional Recreational Trails	\$70,000	\$70,000	\$70,000	\$70,000
Safety	\$2,344,852	\$2,250,000	\$5,250,000	\$3,760,000
<b>Earmark or Grant Total</b>	<b>\$5,364,452</b>	<b>\$2,320,000</b>	<b>\$5,320,000</b>	<b>\$3,830,000</b>
<b>Federal Transit Administration (FTA) Funds</b>				
FTA Section 5307 Formula Funds	\$2,700,000	\$2,800,000	\$2,900,000	\$3,100,000
FTA Section 5309	\$7,600,000	\$3,000,000	\$3,050,000	\$3,050,000
FTA Section 5312 TIGER		\$5,000,000	\$5,000,000	
FTA Section 5339(d)(2)	\$170,805	\$175,929	\$181,207	\$200,000
FTA Section 5310 Urban Allocation	\$75,190	\$77,446	\$79,769	\$82,162
Elderly & Disabled Transportation	\$156,500	\$75,000	\$232,500	\$400,000
Transfer from FTA 5311 to FTA 5307	\$350,000	\$400,000	\$450,000	\$475,000
<b>FTA Funds</b>	<b>\$11,052,495</b>	<b>\$11,528,375</b>	<b>\$11,893,476</b>	<b>\$7,307,162</b>
<b>Airport Improvement Program (AIP)</b>	\$26,800,000	\$14,035,000	\$7,530,000	\$5,495,000
<b>Total AIP</b>	<b>\$26,800,000</b>	<b>\$14,035,000</b>	<b>\$7,530,000</b>	<b>\$5,495,000</b>
<b>CCRPC TIP TOTAL</b>	<b>\$93,143,066</b>	<b>\$56,436,090</b>	<b>\$53,396,592</b>	<b>\$45,507,209</b>

## CCRPC FY2017-2020 TIP Funding by Project Use Category



Note: Many projects included in the categories Function and Performance Preservation, Bridge Preservation and Capacity also include improvements to bike/pedestrian facilities.

## CCRPC FY2017-2020 TIP: Funding Uses By Year





# Federal Funds Actually Obligated in Chittenden County

FY2006 - FY2015

## Funds by Project Use Category

<i>Uses</i>	FY06	FY07	FY08	FY09	FY10	FY11	FY12	FY13	FY14	FY15	Average by Use Category
Function and Performance Preservation	\$8,668,415	\$6,564,438	\$10,176,050	\$17,242,770	\$10,920,402	\$7,378,574	\$16,430,903	\$20,647,041	\$5,427,466	\$3,884,406	<b>\$10,734,047</b>
Bridge Preservation	\$4,733,611	\$3,592,386	\$2,538,850	\$10,994,182	\$12,560,264	\$7,700,837	\$11,348,022	\$16,406,162	\$1,502,264	\$1,449,786	<b>\$7,282,636</b>
Capacity Expansion	\$12,839,604	\$7,878,020	\$2,808,804	\$1,232,706	\$3,097,777	\$4,141,480	\$752,466	\$390,000	\$4,438,400	\$1,178,634	<b>\$3,875,789</b>
Bike/ Pedestrian	\$1,131,588	\$1,328,819	\$2,065,276	\$613,760	\$3,214,984	\$3,354,588	\$3,909,023	\$1,926,119	\$2,975,491	\$1,874,999	<b>\$2,239,465</b>
Transit	\$2,950,598	\$5,834,901	\$7,847,728	\$6,343,439	\$4,525,357	\$7,124,165	\$6,440,097	\$6,458,918	\$5,223,896	\$4,958,800	<b>\$5,770,790</b>
Intermodal		\$50,000	\$1,000,000	\$340,000	\$65,000	\$326,100	\$2,098,000	\$830,251	\$716,800	\$3,888,000	<b>\$1,034,906</b>
Other	\$213,000	\$1,228,080	\$2,516,885	\$836,816				\$150,837	\$1,543,249		<b>\$1,081,478</b>
<b>Total</b>	<b>\$30,536,816</b>	<b>\$26,476,644</b>	<b>\$28,953,593</b>	<b>\$37,603,673</b>	<b>\$34,383,784</b>	<b>\$30,025,744</b>	<b>\$40,978,511</b>	<b>\$46,809,328</b>	<b>\$21,827,566</b>	<b>\$17,234,625</b>	<b>\$31,483,028</b>

## Percent of Total by Project Use Category

<i>Uses</i>	FY06	FY07	FY08	FY09	FY10	FY11	FY12	FY13	FY14	FY14	Average Percent by Use FY05-FY14
Function and Performance Preservation	28.4%	24.8%	35.1%	45.9%	31.8%	24.6%	40.1%	44.1%	24.9%	22.5%	<b>34.1%</b>
Bridge Preservation	15.5%	13.6%	8.8%	29.2%	36.5%	25.6%	27.7%	35.0%	6.9%	8.4%	<b>23.1%</b>
Capacity Expansion	42.0%	29.8%	9.7%	3.3%	9.0%	13.8%	1.8%	0.8%	20.3%	6.8%	<b>12.3%</b>
Bike/ Pedestrian	3.7%	5.0%	7.1%	1.6%	9.4%	11.2%	9.5%	4.1%	13.6%	10.9%	<b>7.1%</b>
Transit	9.7%	22.0%	27.1%	16.9%	13.2%	23.7%	15.7%	13.8%	23.9%	28.8%	<b>18.3%</b>
Intermodal	0.0%	0.2%	3.5%	0.9%	0.2%	1.1%	5.1%	1.8%	3.3%	22.6%	<b>3.3%</b>
Other	0.7%	4.6%	8.7%	2.2%	0.0%	0.0%	0.0%	0.3%	7.1%	0.0%	<b>3.4%</b>
<b>Total</b>	<b>100.0%</b>	<b>100.0%</b>	<b>100.0%</b>	<b>100.0%</b>	<b>100.0%</b>	<b>100.0%</b>	<b>100.0%</b>	<b>100.0%</b>	<b>100.0%</b>	<b>100.0%</b>	<b>100.0%</b>

Note: Certain projects included in the categories Function and Performance Preservation, Bridge Preservation and Capacity include bike/pedestrian facilities not included in the Bike/Pedestrian category.