

STATEWIDE
TRANSPORTATION
IMPROVEMENT
PROGRAM
(STIP)



FOR
FEDERAL FISCAL YEARS
2016 - 2019

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Statewide Transportation Improvement Program (STIP)

What is the Statewide Transportation Improvement Program (STIP)?

The STIP is a staged, multi year, statewide, intermodal program of transportation projects, funded by the Federal Highway Administration and Federal Transit Administration, which are consistent with the Statewide Long Range Transportation Plan and its planning processes and the Chittenden County Metropolitan Planning Organization's Transportation Improvement Program and processes.

1. The STIP must cover a period of not less than 4 years.
2. The STIP must be fiscally constrained by year and include financial information to demonstrate which projects and the phases that are to implemented using current revenues.
3. The STIP contains capital and non-capital projects

Statewide Transportation Improvement Program (STIP)

What does the Statewide Transportation Improvement Program (STIP) display?

Funding Summaries - The STIP displays the Agency of Transportation's proposed funding of **NON-PROJECT** specific and **PROJECT** specific usages of Federal Highway Administration Funding.

1. **NON-PROJECT** usages of Federal Highway Administration Funding includes Statewide funding efforts for:
 - A. Statewide Planning
 - B. Rest Areas Programs
 - C. Statewide Maintenance Programs
 - D. Bike/Pedestrian Programs
 - E. Enhancement Programs
 - F. Other small non-projects efforts.
2. **PROJECT** usages of Federal Highway Administration Funding includes:
 - A. Interstate
 - B. National Highway System (NHS)
 - C. Surface Transportation Program (STP)
 - D. Bridge Replace & Rehab Programs (BR/BH)
 - E. Public Transportation Program

- F. Discretionary Funding for Specified Projects.

3. PROJECT DATA:

- A. Project Name (Town),
- B. Route Name or Number
- C. Project Number
- D. FFY - The Federal Fiscal Year money is to be needed
- E. Phase
 - PE - Preliminary Engineering
 - ROW - Right-of-Way
 - CONST - Construction
- F. Cost - Total Cost for the phase including Federal, State and Local share
- G. Sufficiency Rating
- H. Project Identification Number (PPMS. No.)
- I. Project Description.

4. PROJECT SELECTION:

- A. Projects are prioritized on an annual basis
- B. Regional Planning Commissions contribute annually to prioritization
- C. Projects are selected for development based on their priority
- D. Details of the various prioritization processes can be found in Appendix A

**VERMONT AGENCY OF TRANSPORTATION
USAGE OF FHWA FORMULA FUNDS**

<u>PROGRAM</u>	<u>FUNDING CATEGORY</u>	<u>PHASE</u>	<u>FFY2016</u>	<u>FFY2017</u>	<u>FFY 2018</u>	<u>FFY 2018</u>
<u>FHWA LIMITATION</u>			\$ 196,000,000	\$ 196,000,000	\$ 196,000,000	\$ 196,000,000
<u>VTrans Core Programs</u>						
<u>Finance and Administration</u>						
Administration work program	STP	PE	\$ 310,560	\$ 318,324	\$ 326,282	\$ 334,439
OJT & Affirmative Action	STP	PE	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000
Youth Corp Program	STP	ALL	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000
Statewide Education	STP	PE	\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000
<u>Department of Motor Vehicles</u>						
Portable Scales	STP	ALL	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000
Fuel Tax Evasion	STP	ALL	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000
<u>Policy and Planning</u>						
Policy & Planning/SPR work program	STP/SPR	PE	\$ 4,209,129	\$ 4,314,357	\$ 4,422,216	\$ 4,532,772
Research Program	SPR	PE	\$ 1,120,000	\$ 1,120,000	\$ 1,120,000	\$ 1,120,000
Go Vermont	STP	ALL	\$ 450,000	\$ 450,000	\$ 450,000	\$ 450,000
Rail Operation Lifesaver	STP	PE	\$ 27,832	\$ 28,528	\$ 29,241	\$ 29,972
Public Transit STP/CMAQ Transfer	STP/CMAQ	ALL	\$ 12,128,141	\$ 12,491,985	\$ 12,866,745	\$ 13,252,747
<u>Highway Division</u>						
Project Development Work Program	STP	PE	\$ 1,600,277	\$ 1,640,284	\$ 1,681,291	\$ 1,723,323
TAMP(2)	STP	Other	\$ 800,000	\$ 800,000	\$ 800,000	\$ 800,000
SHARP 2	STP/SPR	PE	\$ 154,000	\$ 154,000	\$ 154,000	\$ 154,000
Right of Way Mapping	STP	PE	\$ 1,500,000	\$ 1,500,000	\$ 200,000	\$ 200,000
Transportation Enhancements/Alternatives	STP	ALL	\$ 2,200,000	\$ 2,200,000	\$ 2,200,000	\$ 2,200,000
BikePed Projects	STP	ALL	\$ 4,300,000	\$ 2,300,000	\$ 2,300,000	\$ 2,300,000
Park & Ride	STP/CMAQ	ALL	\$ 500,000	\$ 500,000	\$ 500,000	\$ 500,000
Bridge Inventory/Inspection	NHPP/STP	PE	\$ 800,000	\$ 800,000	\$ 800,000	\$ 800,000
LTAP	STP	ALL	\$ 155,000	\$ 155,000	\$ 155,000	\$ 155,000
Operations Work Program	STP	PE	\$ 1,504,845	\$ 1,542,466	\$ 1,581,028	\$ 1,620,553
CRASH Program	STP/SPR	PE	\$ 421,162	\$ 431,691	\$ 442,484	\$ 453,546
<u>Forests, Parks and Recreation</u>						
Recreational Trail Program	REC TRAIL	ALL	\$ 759,000	\$ 759,000	\$ 759,000	\$ 759,000
<u>Project Overruns & Modifications</u>			\$ 4,087,735	\$ 5,179,543	\$ 3,413,409	\$ 3,414,127
<u>TOTAL FROM ABOVE CORE ACTIVITIES</u>			\$ 37,672,681	\$ 37,330,179	\$ 34,845,696	\$ 34,644,480
PL Program in MPO Area	MPO PL		\$ 2,023,976	\$ 2,023,978	\$ 2,023,980	\$ 2,023,980
Projects in MPO Area (TIP)	STP/NHPP		\$ 46,402,245	\$ 33,336,478	\$ 37,548,300	\$ 24,994,927
<u>MPO Total Federal Funds</u>			\$ 48,426,221	\$ 35,360,456	\$ 39,572,280	\$ 27,018,907
<u>Balance Remaining for Other Activities</u>			\$ 109,901,098	\$ 123,309,365	\$ 121,582,024	\$ 134,336,613

**VERMONT AGENCY OF TRANSPORTATION
USAGE OF FHWA FORMULA FUNDS**

PROGRAM	FUNDING					
	CATEGORY		FFY 2016	FFY 2017	FFY 2018	FFY 2018
VTrans Program Totals (Other Than Above)						
Bridge						
Bridge Management System	STP/NHPP	PE	\$ 120,000	\$ 120,000	\$ 120,000	\$ 120,000
Statewide Bridge On System, P.E	STP/NHPP	PE	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000
Statewide Bridge On System, R.O.W.	STP/NHPP	ROW	\$ 500,000	\$ 500,000	\$ 500,000	\$ 500,000
Statewide Bridge Off System, P.E.	STP/NHPP	PE	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000
Statewide Bridge Off System, R.O.W.	STP/NHPP	ROW	\$ 500,000	\$ 500,000	\$ 500,000	\$ 500,000
Statewide Bridge Maintenance Program	STP/NHPP	ALL	\$ 9,500,000	\$ 10,000,000	\$ 10,000,000	\$ 8,000,000
Statewide Culvert Replac/Rehab	STP/NHPP	ALL	\$ 3,500,000	\$ 4,000,000	\$ 4,000,000	\$ 4,000,000
Interstate Bridge Projects	STP/NHPP	ALL	\$ 8,166,942	\$ 6,500,000	\$ 11,117,670	\$ 17,000,000
Interstate Bridge Earmark Projects	Other	ALL		\$ 500,000	\$ 1,840,000	
State Bridge Projects	STP/NHPP	ALL	\$ 7,870,624	\$ 23,428,184	\$ 31,721,520	\$ 16,872,800
Town Highway Bridge Projects	STP/NHPP	ALL	\$ 7,658,126	\$ 11,662,803	\$ 7,824,424	\$ 9,992,560
Roadway						
Statewide Small Culvert	STP/NHPP	ALL	\$ 3,000,000	\$ 3,000,000	\$ 2,000,000	\$ 2,000,000
Statewide Slope/Ledge/Retaining	STP/NHPP	ALL	\$ 3,000,000	\$ 3,000,000	\$ 2,500,000	\$ 2,000,000
Statewide	HSIP	ALL	\$ 750,000	\$ 750,000	\$ 750,000	\$ 750,000
Projects for Scoping/Design	STP/NHPP	PE	\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000
Projects for Scoping/Design	STP/NHPP	PE	\$ 750,000	\$ 750,000	\$ 750,000	\$ 750,000
Roadway-Projects	STP/NHPP	ALL	\$ 2,381,180	\$ 3,360,080	\$ 15,171,746	\$ 25,468,459
Roadway Earmark Projects	Other	ALL	\$ 1,369,834		\$ 108,000	
Traffic & Safety						
Statewide Pavement Markings	STP/NHPP	PE/CONS	\$ 3,750,000	\$ 3,750,000	\$ 3,750,000	\$ 3,750,000
Statewide Signal Re-timing	STP	PE	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000
Statewide Signals	STP SGNL	ALL	\$ 75,000	\$ 75,000	\$ 75,000	\$ 75,000
Statewide Signs	STP	ALL	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000
High Risk Rural Roads	STP	ALL	\$ 400,000	\$ 400,000	\$ 400,000	\$ 400,000
Highway Safety Improvement Program	HSIP	ALL	\$ 500,000	\$ 500,000	\$ 500,000	\$ 500,000
Traffic & Safety Projects	STP	ALL	\$ 825,000	\$ 4,048,199	\$ 4,439,775	\$ 3,288,593
Paving						
Statewide Preventive Maint. Crack/Rut Fill/Surf	NHPP/STP	PE/CON	\$ 10,000,000	\$ 10,000,000	\$ 10,000,000	\$ 10,000,000
Statewide Pavement Management, ROW	NHPP/STP	ROW	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000
Statewide Pavement Management, P.E.	NHPP/STP	PE	\$ 2,000,000	\$ 2,000,000	\$ 2,000,000	\$ 2,000,000
Paving outside of MPO Area	NHPP/STP	ALL	\$ 41,054,226	\$ 31,365,099	\$ 9,861,889	\$ 22,769,201
Rail						
Rail/Highway Crossing Projects	RAILCROSSING	ALL	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000
Western Corridor Funds		ALL	\$ 7,600,000			
VTrans Program Totals			\$ 109,901,098	\$ 123,309,365	\$ 121,582,024	\$ 134,336,613
Balance			\$0	\$0	\$0	\$0

Summary of FTA Fund Usage

	<u>Fund Source</u>	<u>Available Funds remaining from previous years</u>	<u>FFY 2016 Anticipated Available</u>	<u>FFY 2016 Programmed In STIP</u>	<u>FFY 2017 Anticipated Available</u>	<u>FFY 2017 Programmed In STIP</u>	<u>FFY 2018 Anticipated Available</u>	<u>FFY 2018 Programmed In STIP</u>	<u>FFY 2019 Anticipated Available</u>	<u>FFY 2019 Programmed In STIP</u>
Federal Transit Administration										
<u>Section 5305 (d) Metropolitan Planning Program</u>										
	FFY15	\$ 423,462	\$ 427,739	\$ 427,739	\$ 440,571	\$ 440,571	\$ 453,788	\$ 453,788	\$ 467,402	\$ 467,402
<u>Section 5305 (e) Intercity and Statewide Planning</u>										
	FFY13	\$ 73,804								
	FFY14	\$ 114,547								
	FFY15	\$ 110,568	\$ 293,240	\$ 293,240	\$ 113,885	\$ 113,885	\$ 117,302	\$ 117,302	\$ 120,821	\$ 120,821
<u>Section 5307 Urban Operating</u>										
	FFY15	\$ -	\$ 2,500,000	\$ 2,500,000	\$ 2,600,000	\$ 2,600,000	\$ 2,700,000	\$ 2,700,000	\$ 2,800,000	\$ 2,800,000
<u>Section 5310 Elderly and Persons with Disability Program</u>										
	FFY15 urban	\$ 155,115	\$ 165,079	\$ 165,079	\$ 170,031	\$ 170,031	\$ 175,132	\$ 175,132	\$ 180,386	\$ 180,386
	FFY15 rural	\$ 352,104	\$ 316,044	\$ 316,044	\$ 325,525	\$ 325,525	\$ 335,291	\$ 335,291	\$ 345,350	\$ 345,350
<u>Section 5311/5340 Non Urbanized Area Formula Program</u>										
	FTA program funds									
	Total	\$ 4,334,428	\$ 4,264,452	\$ 3,746,258	\$ 3,858,645	\$ 3,858,645	\$ 3,974,405	\$ 3,974,405	\$ 4,093,637	\$ 4,093,637
	FHWA Flex Fund									
	Total	\$ 11,187,474	\$ 12,128,141	\$ 12,128,141	\$ 12,491,985	\$ 12,491,985	\$ 12,866,745	\$ 12,866,745	\$ 13,252,747	\$ 13,252,747
<u>Section 5339 Bus and Bus Facilities-rural/urban</u>										
	rural FFY15	\$ 1,248,288	\$ 1,250,000	\$ 1,250,000	\$ 1,250,000	\$ 1,250,000	\$ 1,250,000	\$ 1,250,000	\$ 1,250,000	\$ 1,250,000
	urban FFY15	\$ 161,067	\$ 165,000	\$ 480,670	\$ 165,000	\$ 165,000	\$ 165,000	\$ 165,000	\$ 165,000	\$ 165,000

Transportation Fund Revenue FY 2013-2016 (State Fiscal Year/State Dollars)

	<u>FY2013</u>	<u>FY2014</u>	<u>FY2015</u>	<u>FY2016</u>
Total Transportation Fund (Revenues from Gas Tax, Diesel Tax, Motor vehicle fees, purchase and use tax and other revenue).	\$256.0 million	\$284.0 million	\$293.8 million	\$299.9 million
Transportation Fund after Legislative out-transfers (Transfers including education fund and other out transfers)	\$228.2 million	\$253.4 million	\$261.4 million	\$265.8 million
Funding available to VTrans (after JTOC* funding is removed). Detail of funding appropriations can be seen on the next page.	\$199.2 million	\$218.7 million	\$229.9 million	\$235.3 million
* JTOC - Joint Transportation Oversight Committee				
Transportation Infrastructure Bond Fund	\$23.0 million	\$21.0 million	\$20.2 million	\$15.2 million

	A	B	C	D	E	F	G	I	J	K
1		AGENCY OF TRANSPORTATION								
2		FY16 As Passed (H.488/H.490)								
3		TOTAL	STATE	FEDERAL	LOCAL/ OTHER	NHTSA	INTERDEPT TRANSFERS	TIB FUNDS	TIB BONDS	INTERNAL SERVICE
4										
5										
8	DEPT. OF MOTOR VEHICLES	26,992,907	25,303,741	1,689,166						
9										
10	FINANCE & ADMINISTRATION	13,730,429	12,690,489	1,039,940						
11										
12	PROGRAM DEVELOPMENT									
13	Paving	84,592,201	15,534,731	67,843,951				1,213,519		
14	Interstate Bridge	44,010,852	1,017,550	40,073,602				2,919,700		
15	State Highway Bridge	49,164,341	4,403,327	40,026,732	200,000			4,534,282		
16	Roadway	43,407,714	2,619,074	37,483,733	939,406			2,365,501		
17	Highway Safety and Traffic Operations	17,989,271	286,012	17,019,388		683,871				
18	Park & Ride	2,673,394	250,000	2,423,394						
19	Bike & Pedestrian Facilities	6,135,622	505,464	5,630,158						
20	Transportation Alternatives	4,768,081		4,768,081						
21	Multi-Modal Facilities	1,848,980		1,848,980						
22	Program Development Administration	21,751,789	13,744,907	3,874,120		4,132,762				
23										
24	Total Program Development (adjusted for TBD project savings)	276,342,245	38,361,065	220,992,139	1,139,406	4,816,633	0	11,033,002	0	
25										
28	REST AREAS	625,000	62,500	562,500						
29										
30	POLICY & PLANNING	10,007,648	2,065,384	7,942,264						
31										
32	MAINTENANCE	87,069,584	82,469,447	4,500,137			100,000			
33										
34	PUBLIC TRANSIT PROGRAM	27,122,035	7,669,114	19,452,921						
35										
36	AVIATION	14,756,868	4,667,668	9,954,000	135,200					
37										
38	RAIL	35,148,831	15,414,997	19,169,470				564,364		
39										
40	CENTRAL GARAGE	20,309,560								20,309,560
41										
42	TRANSPORTATION BUILDINGS	2,000,000	2,000,000							
43										
44	Total "VTrans" Programs	514,105,107	190,704,405	285,302,537	1,274,606	4,816,633	100,000	11,597,366	0	20,309,560
45										
46	TOWN HIGHWAY BRIDGES	22,956,001	1,058,925	18,671,176	1,324,679			1,901,221		
47										
48	TH STRUCTURES	9,483,500	9,483,500							
49										
50	TH CLASS 2 ROADWAY PROGRAM	7,248,750	7,248,750							
51										
52	TH - NONFEDERAL DISASTERS	1,150,000	1,150,000							
53										
54	TH - FEDERAL DISASTERS	1,440,000	160,000	1,280,000						
55										
56	TH AID PROGRAM	25,982,744	25,982,744							
57										
58	TH CLASS 1 SUPPLEMENTAL GRANTS	128,750	128,750							
59										
60	TH VERMONT LOCAL ROADS	394,700	239,700	155,000						
61										
62	MUNICIPAL MITIGATION GRANT PROGRAM	650,000	440,000	180,000			30,000			
63										
64	TH PUBLIC ASSISTANCE GRANTS	33,865,000		31,900,000	1,965,000					
65										
66	Total "Town Highway" Programs	103,299,445	45,892,369	52,186,176	3,289,679	0	30,000	1,901,221	0	
67										
68	TRANSPORTATION BOARD	224,434	224,434							
69										
70										
71	TOTAL PROGRAMS	616,128,986	235,321,208	337,488,713	4,564,285	4,816,633	130,000	13,498,587	0	20,309,560
72	(total adjusted to include \$1.5M in Tfund labor savings)									
73										
74	Bridge Summary:									
75	State Highway Bridge	49,164,341	4,403,327	40,026,732	200,000	0	0	4,534,282	0	0
76	Interstate Bridge	44,010,852	1,017,550	40,073,602	0	0	0	2,919,700	0	0
77	Town Highway Bridge	22,956,001	1,058,925	18,671,176	1,324,679	0	0	1,901,221	0	0
78	Bridge Total	116,131,194	6,479,802	98,771,510	1,524,679	0	0	9,355,203	0	0
79										
80										
81										
82										
83										
84										
85										

	AGENCY OF TRANSPORTATION FY15 AS PASSED								
	TOTAL	STATE	FEDERAL	LOCAL/ OTHER	NHTSA	INTERDEPT TRANSFERS	TIB FUNDS	TIB BONDS	INTERNAL SERVICE
DEPT. OF MOTOR VEHICLES	25,421,075	23,985,937	1,435,138						
FINANCE & ADMINISTRATION	12,593,164	11,570,784	1,022,380						
PROGRAM DEVELOPMENT									
Paving	115,830,703	17,106,740	95,325,684				3,398,279		
Interstate Bridge	51,967,015	875,736	49,512,917				1,578,362		
State Highway Bridge	71,810,914	5,512,001	58,865,164	453,125			6,980,624		
Roadway	50,036,081	2,756,037	43,126,421	1,213,801			2,939,822		
Highway Safety and Traffic Operations	13,305,213	282,811	11,205,361		1,817,041				
Park & Ride	2,657,035	250,000	2,407,035						
Bike & Pedestrian Facilities	7,914,400	506,233	7,408,167						
Transportation Alternatives	4,156,891		4,156,891						
Multi-Modal Facilities	2,499,519		2,499,519						
Program Development Administration	16,450,593	13,414,913	3,035,680						
Total Program Development	336,628,364	40,704,471	277,542,839	1,666,926	1,817,041	0	14,897,087	0	
REST AREAS	850,000	355,000	495,000						
POLICY & PLANNING	11,098,564	2,121,421	8,726,143		251,000				
MAINTENANCE	80,194,917	78,792,117	1,302,800			100,000			
PUBLIC TRANSIT PROGRAM	29,846,921	8,473,293	21,373,628						
AVIATION	19,948,519	5,192,205	14,756,314						
RAIL	37,337,271	14,088,993	20,528,278				2,720,000		
CENTRAL GARAGE	20,200,226								20,200,226
TRANSPORTATION BUILDINGS	2,760,000	1,060,000					1,700,000		
Total "VTrans" Programs	576,879,021	186,344,221	347,182,520	1,666,926	2,068,041	100,000	19,317,087	0	20,200,226
TOWN HIGHWAY BRIDGES	16,482,361	1,663,224	13,315,652	925,485			578,000		
TH STRUCTURES	6,333,500	6,333,500							
TH CLASS 2 ROADWAY PROGRAM	7,248,750	7,248,750							
TH - NONFEDERAL DISASTERS	1,150,000	1,150,000							
TH - FEDERAL DISASTERS	1,440,000	160,000	1,280,000						
TH AID PROGRAM	25,982,744	25,982,744							
TH CLASS 1 SUPPLEMENTAL GRANTS	128,750	128,750							
TH VERMONT LOCAL ROADS	400,000	235,000	165,000						
MUNICIPAL MITIGATION GRANT PROGRAM	871,500	440,000	204,500			227,000			
TH PUBLIC ASSISTANCE GRANTS	48,630,222		45,000,000	3,630,222					
Total "Town Highway" Programs	108,667,827	43,341,968	59,965,152	4,555,707	0	227,000	578,000	0	
TRANSPORTATION BOARD	216,900	216,900							
TOTAL PROGRAMS	685,763,748	229,903,089	407,147,672	6,222,633	2,068,041	327,000	19,895,087	0	20,200,226
Bridge Summary:									
State Highway Bridge	71,810,914	5,512,001	58,865,164	453,125	0	0	6,980,624	0	0
Interstate Bridge	51,967,015	875,736	49,512,917	0	0	0	1,578,362	0	0
Town Highway Bridge	16,482,361	1,663,224	13,315,652	925,485	0	0	578,000	0	0
Bridge Total	140,260,290	8,050,961	121,693,733	1,378,610	0	0	9,136,986	0	0

AGENCY OF TRANSPORTATION FY14 AS PASSED										
	TOTAL	STATE	FEDERAL	LOCAL/ OTHER	NHTSA	INTERDEPT TRANSFERS	ARRA	TIB FUNDS	TIB BONDS	INTERNAL SERVICE
DEPT. OF MOTOR VEHICLES	25,120,967	23,085,000	2,035,967							
FINANCE & ADMINISTRATION	12,170,830	11,246,130	924,700							
PROGRAM DEVELOPMENT										
Paving	108,246,363	16,499,561	86,570,699					5,176,103		
Interstate Bridge	61,521,660	535,000	56,116,494					820,166	4,050,000	
State Highway Bridge	54,633,655	3,968,288	42,163,020					5,202,347	3,300,000	
Roadway	53,089,990	532,225	44,426,290	1,129,703				3,964,272	3,037,500	
Highway Safety and Traffic Operations	11,507,177	344,784	7,103,393	40,000	4,019,000					
Park & Ride	4,101,028	250,000	3,851,028							
Bike & Pedestrian Facilities	8,912,855	370,438	8,542,417							
Enhancements	4,709,023		4,709,023							
Multi-Modal Facilities	1,533,172		1,533,172							
Program Development Administration	15,545,713	12,902,942	2,642,771							
Total Program Development	323,800,636	35,403,238	257,658,307	1,169,703	4,019,000	0	0	15,162,888	10,387,500	
REST AREAS	1,445,753	50,000	1,221,277					174,476		
POLICY & PLANNING	10,758,838	2,057,947	8,387,344		313,547					
MAINTENANCE	88,696,670	78,151,670	10,445,000			100,000				
PUBLIC TRANSIT PROGRAM	28,570,228	7,528,574	21,041,654							
AVIATION	11,971,791	4,542,791	7,429,000							
RAIL	34,929,837	12,432,950	19,526,220					2,970,667		
CENTRAL GARAGE	20,319,956									20,319,956
TRANSPORTATION BUILDINGS	2,873,000	993,000						1,880,000		
Total "VTrans" Programs	560,658,506	175,491,300	328,669,469	1,169,703	4,332,547	100,000	0	20,188,031	10,387,500	20,319,956
TOWN HIGHWAY BRIDGES	16,566,597	1,123,394	13,495,630	1,013,610				933,963		
TH STRUCTURES	6,333,500	6,333,500								
TH CLASS 2 ROADWAY PROGRAM	7,248,750	7,248,750								
TH - NONFEDERAL DISASTERS	1,150,000	1,150,000								
TH - FEDERAL DISASTERS	3,600,000	400,000	3,200,000							
TH AID PROGRAM	25,982,744	25,982,744								
TH CLASS 1 SUPPLEMENTAL GRANTS	128,750	128,750								
TH VERMONT LOCAL ROADS	400,000	235,000	165,000							
MUNICIPAL MITIGATION GRANT PROGRAM	1,551,000	440,000	1,111,000							
TH PUBLIC ASSISTANCE GRANTS	29,235,250		27,000,000	2,235,250						
Total "Town Highway" Programs	92,196,591	43,042,138	44,971,630	3,248,860	0	0	0	933,963	0	
TRANSPORTATION BOARD	200,000	200,000								
TOTAL PROGRAMS *	653,055,097	218,733,438	373,641,099	4,418,563	4,332,547	100,000	0	21,121,994	10,387,500	20,319,956

Bridge Summary:

State Highway Bridge	54,633,655	3,968,288	42,163,020	0	0	0	0	5,202,347	3,300,000	0
Interstate Bridge	61,521,660	535,000	56,116,494	0	0	0	0	820,166	4,050,000	0
Town Highway Bridge	16,566,597	1,123,394	13,495,630	1,013,610	0	0	0	933,963	0	0
Bridge Total	132,721,912	5,626,682	111,775,144	1,013,610	0	0	0	6,956,476	7,350,000	0

AGENCY OF TRANSPORTATION FY13 AS PASSED										
	TOTAL	STATE	FEDERAL	LOCAL/ OTHER	NHTSA	INTERDEPT TRANSFERS	ARRA	TIB FUNDS	TIB BONDS	INTERNAL SERVICE
DEPT. OF MOTOR VEHICLES	25,728,361	22,630,649	3,097,712							
FINANCE & ADMINISTRATION	11,766,498	10,882,996	883,502							
PROGRAM DEVELOPMENT										
Paving	104,794,411	11,812,717	84,683,565					8,298,129		
Interstate Bridge	53,712,463	1,849,329	48,380,867					3,482,267		
State Highway Bridge	48,995,099	3,490,925	38,225,396					7,278,778		
Roadway	66,632,350	1,476,387	57,209,645	1,331,581				6,614,737		
Highway Safety and Traffic Operations	12,985,238	288,311	8,886,327	40,600	3,770,000					
Park & Ride	3,812,000	250,000	3,562,000							
Bike & Pedestrian Facilities	8,812,983	375,836	8,437,147							
Enhancements	4,070,734	500	4,070,234							
Multi-Modal Facilities	1,650,000		1,650,000							
Program Development Administration	15,457,308	12,922,308	2,535,000							
Total Program Development	320,922,586	32,466,313	257,640,181	1,372,181	3,770,000	0	0	16,673,911	9,000,000	
REST AREAS	6,143,000	116,628	4,985,204					1,041,168		
POLICY & PLANNING	10,098,944	1,878,444	7,773,303		447,197					
MAINTENANCE	69,401,991	68,615,000	686,991			100,000				
PUBLIC TRANSIT PROGRAM	25,638,796	7,482,900	18,155,896							
AVIATION	6,180,297	2,983,547	3,196,750							
RAIL	27,343,988	9,508,058	10,024,977				6,301,953	1,509,000		
CENTRAL GARAGE	18,653,244									18,653,244
TRANSPORTATION BUILDINGS	2,661,000	1,556,000						1,105,000		
Total "VTrans" Programs	524,538,705	158,120,535	306,444,516	1,372,181	4,217,197	100,000	6,301,953	20,329,079	9,000,000	18,653,244
TOWN HIGHWAY BRIDGES	20,846,405	624,804	16,712,123	1,547,175				962,303	1,000,000	
TH STRUCTURES	6,333,500	6,333,500								
TH CLASS 2 ROADWAY PROGRAM	7,248,750	7,248,750								
TH - NONFEDERAL DISASTERS	1,150,000	1,150,000								
TH - FEDERAL DISASTERS	3,600,000	400,000	3,200,000							
TH AID PROGRAM	25,982,744	25,982,744								
TH CLASS 1 SUPPLEMENTAL GRANTS	128,750	128,750								
TH VERMONT LOCAL ROADS	400,000	235,000	165,000							
MUNICIPAL MITIGATION GRANT PROGRAM	1,262,998	247,998	1,015,000							
TH PUBLIC ASSISTANCE GRANTS	66,500,000		63,000,000	3,500,000						
Total "Town Highway" Programs	133,453,147	42,351,546	84,092,123	5,047,175	0	0	0	962,303	1,000,000	
TRANSPORTATION BOARD	83,000	83,000								
TOTAL PROGRAMS *	658,074,852	200,555,081	390,536,639	6,419,356	4,217,197	100,000	6,301,953	21,291,382	10,000,000	18,653,244
TARGET		200,555,081	(includes \$6.3M fee bill)					21,291,382	10,000,000	
SURPLUS/(SHORTFALL)		0						0	0	

Bridge Summary:

State Highway Bridge	48,995,099	3,490,925	38,225,396	0	0	0	0	7,278,778	0	0
Interstate Bridge	53,712,463	1,849,329	48,380,867	0	0	0	0	3,482,267	0	0
Town Highway Bridge	20,846,405	624,804	16,712,123	1,547,175	0	0	0	962,303	1,000,000	0
Bridge Total	123,553,967	5,965,058	103,318,386	1,547,175	0	0	0	11,723,348	1,000,000	0

FHWA Project Specific Details

**Vermont Agency of Transportation
2016 - 2019 Statewide Transportation Improvement Program (STIP)**

Project Location	FY16	FY17	FY18	FY19	Total Cost Fed+State+Local
Bike & Pedestrian Facilities					
TOWNSHEND	Const: \$1,909,640				Total: \$2,355,254
STP SCTT(1)					Const: \$2,355,254
VTrans # 12E206					
	Description: EVALUATION OF THE SCOTT COVERED BRIDGE LOCATED OFF VT30 IN TOWNSHEND, OVER THE WEST RIVER.				
	Const: \$1,909,640				Total: \$2,355,254
Totals for Bike & Pedestrian Facilities					Const: \$2,355,254

Vermont Agency of Transportation
2016 - 2019 Statewide Transportation Improvement Program (STIP)

Project Location	FY16	FY17	FY18	FY19	Total Cost Fed+State+Local
Interstate Bridges					
BRATTLEBORO IM 091-1(65) VTrans # 12A026 I-91N	Const: \$7,166,942				Total: \$7,963,269 Const: \$7,963,268
	Description: REPLACEMENT OF BRIDGE NOS. 8 N&S AND 9 N&S ON I-91 IN BRATTLEBORO, OVER VT30 AND THE WEST RIVER.				
DERBY IM 091-3(49) VTrans # 12A274 ALT-5		Const: \$500,000	Const: \$1,840,000		Total: \$2,925,000 Const: \$2,925,000
	Description: DECK REHABILITATION AND PREVENTIVE MAINTENANCE ACTIONS ON BRIDGE NO. 1 ON THE US5 CONNECTOR IN DERBY LINE				
MIDDLESEX IM 089-2(41) VTrans # 07A052 I-89N	Const: \$1,000,000	Const: \$5,000,000	Const: \$3,117,670		Total: \$10,130,744 Const: \$10,130,744
	Description: REPLACEMENT OF BR44 ON I-89 IN MIDDLESEX, US2 OVER I-89 AND THE NEW ENGLAND CENTRAL RAILROAD.				
ROCKINGHAM IM 091-1(66) VTrans # 12A130 I-91N		Const: \$1,000,000	Const: \$8,000,000	Const: \$17,000,000	Total: \$28,888,889 Const: \$28,888,888
	Description: REPLACEMENT OF BRIDGE NOS. 24 N&S ON I-91 IN ROCKINGHAM, OVER THE GREEN MOUNTAIN RAILROAD AND THE WILLIAMS				
Totals for Interstate Bridges	Const: \$8,166,942	Const: \$6,500,000	Const: \$12,957,670	Const: \$17,000,000	Total: \$49,907,902 Const: \$49,907,902

Vermont Agency of Transportation
2016 - 2019 Statewide Transportation Improvement Program (STIP)

Project Location Paving	FY16	FY17	FY18	FY19	Total Cost Fed+State+Local
BERLIN-BARRE TOWN STP 2943(1) VTrans # 11B338 VT-63		Const: \$3,640,492			Total: \$4,490,000 Const: \$4,489,999
	Description: RESURFACE VT63 IN BERLIN AND BARRE TOWN, BEGINNING AT I-89 AND EXTENDING EASTERLY 3.901 MILES TO THE VT14 INTERSECTION.				
BETHEL-RANDOLPH STP 2921(1) VTrans # 10C244 VT-12	Const: \$3,000,000	Const: \$885,195			Total: \$4,791,804 Const: \$4,791,804
	Description: RESURFACE VT12 IN BETHEL AND RANDOLPH, BEGINNING APPROX. 0.96 MILE NORTH OF THE VT107 INTERSECTION AND EXTENDING NORTHERLY 6.141 MILES.				
BRADFORD-RYEGATE STP 2929(1) VTrans # 10C264 US-302	Const: \$2,340,893	Const: \$4,000,000			Total: \$7,820,539 Const: \$7,820,538
	Description: RESURFACE US 5 IN BRADFORD, NEWBURY, AND RYEGATE, BEGINNING 1.487 MILES NORTH OF THE FAIRLEE TOWN LINE, EXTENDING NORTHERLY 15.339 MI. TO MM 1.145 IN RYEGATE. ALSO INCL. THE NEWBURY ST. HWY. (0.482 MI.), US 302 FROM THE US 5/US 302 INTERSECTION TO THE VT/NH STATE LINE (0.288 MI.), AND THE US 302 APPROACH (0.052 MI.) AT THE US 5/US 302 WEST INTERSECTION.				
BRANDON-GOSHEN ER STP 0162(22) VTrans # 14C048 VT-73	Const: \$4,504,444	Const: \$2,535,584			Total: \$8,682,818 Const: \$8,682,817
	Description: REHABILITATION/IMPROVEMENTS TO VT73 IN BRANDON AND GOSHEN, BEGINNING 0.669 MILE EAST OF US7 EXTENDING EASTERLY 7.477 MILES TO THE GOSHEN-ROCHESTER TOWN LINE, AS A RESULT OF DAMAGE SUSTAINED DURING TROPICAL STORM IRENE.				
CAMBRIDGE-JOHNSON STP 2925(1) VTrans # 10B256 VT-15			Const: \$1,000,000	Const: \$7,935,016	Total: \$11,020,000 Const: \$11,019,999
	Description: RESURFACE VT15 IN CAMBRIDGE AND JOHNSON, BEGINNING 2.140 MILES EAST OF THE WESTFORD TOWN LINE AND EXTENDING EASTERLY 11.970 MILES TO THE VT100C INTERSECTION.				

Vermont Agency of Transportation
2016 - 2019 Statewide Transportation Improvement Program (STIP)

CAVENDISH-WEATHERSFIELD ER STP 0146(14) VTrans # 12C226 VT-131	Const: \$4,000,000			Total: \$4,933,399 Const: \$4,933,399
Description: REHABILITATION OF VT131 IN CAVENDISH AND WEATHERSFIELD, BEGINNING AT THE VT103 INTERSECTION AND EXTENDING EASTERLY 8.974 MILES TO THE VT106 INTERSECTION. INCLUDES IMPROVEMENTS TO AREAS THAT SUSTAINED SUBSTANTIAL DAMAGE AS A RESULT OF TROPICAL STORM IRENE.				
CHESTER-SPRINGFIELD-ROCKINGHAM- WINDSOR STP 2952(1) VTrans # 13C518 VT-11	Const: \$4,863,154			Total: \$5,997,970 Const: \$5,997,969
Description: RESURFACE VARIOUS CLASS I ROUTES: CHESTER: VT11 (0.833 MILE), VT103 (1.667 MILES); SPRINGFIELD: VT11 (2.821 MILES), VT106 (0.058 MILE); ROCKINGHAM (BELLOWS FALLS): US5 (1.493 MILES); AND WINDSOR: US5 (0.800 MILE), AND VT44 (3.335 MILES).				
HANCOCK STP 2923(1) VTrans # 10C252 VT-125	Const: \$2,559,015			Total: \$3,156,161 Const: \$3,156,160
Description: RESURFACE VT125 IN HANCOCK, BEGINNING 0.75 MILE EAST OF THE RIPTON TOWN LINE AND EXTENDING EASTERLY 6.496 MILES TO THE VT100 INTERSECTION.				
JAMAICA-WINHALL STP 2904(1) VTrans # 09B360 VT-30	Const: \$500,000	Const: \$5,000,000	Const: \$3,861,889	Total: \$11,546,483 Const: \$11,546,483
Description: RESURFACE VT30 IN JAMAICA AND WINHALL, BEGINNING AT THE VT100 INTERSECTION AND EXTENDING NORTHERLY 8.988 MILES TO THE VT11 INTERSECTION.				
KILLINGTON-STOCKBRIDGE ER STP 022-1(25) VTrans # 12B234 VT-100	Const: \$1,000,000		Const: \$9,786,945	Total: \$13,304,076 Const: \$13,304,075
Description: REHABILITATION OF VT100 IN KILLINGTON, PITTSFIELD AND STOCKBRIDGE, BEGINNING AT THE US4 INTERSECTION AND EXTENDING NORTHERLY 10.713 MILES TO THE VT107 INTERSECTION, INCLUDING IMPROVEMENTS TO AREAS DAMAGED AS A RESULT OF TROPICAL STORM IRENE.				
KILLINGTON-WOODSTOCK ER NH 020-2(38) VTrans # 13B192 US-4	Const: \$1,930,706	Const: \$2,274,041	Total: \$5,185,925 Const: \$5,185,924	
Description: IMPROVEMENTS TO US4 DUE TO DAMAGE SUSTAINED DURING TROPICAL STORM IRENE, 8.495 MILES EAST OF THE MENDON-KILLINGTON T/L AND EXTENDING EASTERLY 14.102 MILES.				

Vermont Agency of Transportation
2016 - 2019 Statewide Transportation Improvement Program (STIP)

LEMINGTON-CANAAN STP 2723(1) VTrans # 07C214 VT-102	Const: \$2,479,741				Total: \$3,058,388 Const: \$3,058,387
	Description: RESURFACE VT102 IN LEMINGTON AND CANAAN, BEGINNING 3.657 MILES NORTH OF THE BLOOMFIELD-LEMINGTON TOWN LINE AND EXTENDING NORTHERLY 10.497 MILES TO VT114. ALSO INCLUDES VT114 (MM 7.773 TO 8.340), AND VT253 (MM 0.000 TO 2.159), BOTH IN CANAAN.				
MONTPELIER STP 2950(1) VTrans # 12D392 BUS-2	Const: \$250,000	Const: \$3,000,000	Const: \$1,047,240		Total: \$5,300,000 Const: \$5,299,999
	Description: RESURFACE CLASS I ROUTES IN MONTPELIER: VT12, BEGINNING AT THE BERLIN T/L EXTENDING NORTHERLY 4.430 MILES TO THE MIDDLESEX T/L; AND BRUS2 (STATE & MAIN STS.), BEGINNING AT BAILEY ST. (US2) AND EXTENDING EASTERLY 0.687 MILE TO BERLIN STREET (US2). PROJECT WAS ORIGINALLY TO BE INCLUDED UNDER STP 2905(1).				
RICHFORD STP 2916(1) VTrans # 10C234 VT-105A	Const: \$345,928	Const: \$1,000,000			Total: \$1,660,000 Const: \$1,659,999
	Description: RESURFACE VT105A IN RICHFORD, BEGINNING AT THE VT105 INTERSECTION AND EXTENDING NORTHERLY 1.799 MILES TO THE CANADIAN BORDER.				
RICHFORD-JAY STP 2914(1) VTrans # 10B230 VT-105	Const: \$5,505,332				Total: \$6,790,000 Const: \$6,789,999
	Description: RESURFACE VT105 IN RICHFORD AND JAY, BEGINNING 2.529 MILES EAST OF THE BERKSHIRE-RICHFORD TOWN LINE AND EXTENDING EASTERLY 7.381 MILES.				
ROCHESTER ER STP 0162(21) VTrans # 13C176 VT-73	Const: \$4,910,368	Const: \$4,032,467			Total: \$11,029,644 Const: \$11,029,643
	Description: REHABILITATION/IMPROVEMENTS TO VT73 IN ROCHESTER, BEGINNING AT THE GOSHEN/ROCHESTER TOWN LINE AND EXTENDING EASTERLY 8.782 MILES TO THE VT100 INTERSECTION, AS A RESULT OF DAMAGE SUSTAINED DURING TROPICAL STORM IRENE.				
RUTLAND-KILLINGTON ER NH 020-2(36) VTrans # 13B190 US-4	Const: \$3,469,076	Const: \$2,896,059			Total: \$7,850,438 Const: \$7,850,438
	Description: RESURFACE US4 IN RUTLAND, MENDON AND KILLINGTON, BEGINNING AT THE RUTLAND CITY/TOWN LINE AND EXTENDING EASTERLY 14.72 MILES.				

Vermont Agency of Transportation
2016 - 2019 Statewide Transportation Improvement Program (STIP)

THETFORD STP 2221(1)S VTrans # 99C194 VT-113	Const: \$8,421,179				Total: \$10,386,260 Const: \$10,386,260
	Description: PROJECT IS FOR RESURFACING VT113 IN THETFORD, BEGINNING AT THE VT244 INTERSECTION AND EXTENDING EASTERLY 7.963 MILES TO THE NEW HAMPSHIRE STATE LINE.				
WORCESTER-ELMORE STP 2954(1) VTrans # 14V231 VT-12	Const: \$2,075,648				Total: \$2,560,000 Const: \$2,560,000
	Description: RESURFACE VT 12 IN WORCESTER AND ELMORE, BEGINNING 3.946 MILES NORTH OF THE MIDDLESEX-WORCESTER TOWN LINE AND EXTENDING NORTHERLY 7.427 MILES.				
Totals for Paving	Const: \$41,054,226	Const: \$31,365,099	Const: \$9,861,889	Const: \$22,769,201	Total: \$129,563,903 Const: \$129,563,903

Vermont Agency of Transportation
2016 - 2019 Statewide Transportation Improvement Program (STIP)

Project Location	FY16	FY17	FY18	FY19	Total Cost Fed+State+Local
Roadway Projects					
ALBURGH STP 028-1(20) VTrans # 05B380 US-2	Const: \$257,000				Total: \$321,250 Const: \$321,250
	Description: STREETSCAPE, SIDEWALK AND CROSSWALK IMPROVEMENTS TO US2 AND ADJACENT LOCAL STREETS WITHIN THE VILLAGE OF ALBURGH.				
BARRE CITY-BARRE TOWN MEGC M 6000(11) VTrans # 83D106 Min-6024		Const: \$2,000,000	Const: \$850,000		Total: \$3,000,000 Const: \$3,000,000
	Description: RECONSTRUCTION OR RELOCATION OF THE VT14/QUARRY ST. INTERSECTION AND QUARRY HILL RD.				
BRANDON NH 019-3(496) VTrans # 02B232 US-7	Const: \$500,000	Const: \$7,000,000	Const: \$7,121,419		Total: \$18,033,323 Const: \$18,033,323
	Description: RECONSTRUCTION OF THE CLASS I SECTION OF US7 IN BRANDON, BEGINNING AT THE CLASS I LIMIT AND EXTENDING NORTHERLY 1.853 KILOMETERS. WORK INCLUDES: FULL- DEPTH RECONSTRUCTION OF US7, RECONSTRUCT SIDEROADS, SIDEWALKS, PARKING AREAS, GRADING, DRAINAGE, UTILITIES RELOCATION, TRAFFIC SIGNAL, SIGNS, ETC.				
CABOT-DANVILLE FEGC F 028-3(26)C/2 VTrans # 78D347 US-2	Const: \$250,000	Const: \$4,500,000	Const: \$4,316,077		Total: \$9,543,239 Const: \$9,543,238
	Description: RECONSTRUCTION OF US2 IN CABOT, BEGINNING 2.80 MILES EAST OF THE MARSHFIELD-CABOT T/L EXTENDING EASTERLY 1.49 MILES				
CABOT-DANVILLE FEGC F 028-3(26)C/3 VTrans # 78D348 US-2					Total: \$0 Const: \$0
	Description: RECONSTRUCTION OF US2 IN CABOT AND DANVILLE, BEGINNING 5.29 MILES EAST OF THE MARSHFIELD-CABOT T/L AND EXTENDING EASTERLY 1.29 MILES.				
PITTSFORD NH 019-3(491) VTrans # 02B192 US-7			Const: \$3,180,963		Total: \$3,923,240 Const: \$3,923,239
	Description: RECONSTRUCTION OF US7 IN PITTSFORD, SEGMENT 1: BEGINNING 2.203 KM NORTH OF THE RUTLAND PITTSFORD TOWN LINE AND EXTENDING NORTHERLY 2.205 KM. WORK INCLUDES GRADING AND DRAINAGE.				

Vermont Agency of Transportation
2016 - 2019 Statewide Transportation Improvement Program (STIP)

PITTSFORD NH 019-3(492) VTrans # 02B194 US-7	ROW: \$400,000	Total: \$500,000 ROW: \$500,000
Description: RECONSTRUCTION OF US7 IN PITTSFORD, SEGMENT 2: BEGINNING 4.413 KM NORTH OF THE RUTLAND-PITTSFORD TOWN LINE AND EXTENDING NORTHERLY 2.515 KM. WORK INCLUDES GRADING AND DRAINAGE.		
PITTSFORD NH 019-3(493) VTrans # 02B196 US-7	ROW: \$671,746	Total: \$828,498 ROW: \$828,497 Const: \$0
Description: RECONSTRUCTION OF US7 IN PITTSFORD, SEGMENT 3: BEGINNING APPROX. 2.395 KM NORTH OF THE VT3 INTERSECTION AND EXTENDING NORTHERLY 3.694 KM. WORK INCLUDES WIDENING, FULL SUBBASE RECONSTRUCTION, DRAINAGE, ETC.		
PITTSFORD-BRANDON NH 019-3(494) VTrans # 02B198 US-7	Const: \$3,000,000	Total: \$3,700,049 Const: \$3,700,049
Description: RECONSTRUCTION OF US7 IN PITTSFORD AND BRANDON, SEGMENT 4: BEGINNING 1.623 KM SOUTH OF THE PITTSFORD-BRANDON TOWN LINE AND EXTENDING NORTHERLY 2.681 KM. WORK INCLUDES WIDENING, FULL SUBBASE RECONSTRUCTION, DRAINAGE, ETC.		
RUTLAND STP 3000(20) VTrans # 10D126	Const: \$793,834	Total: \$793,834 Const: \$793,834
Description: RUTLAND CENTER STREET MARKETPLACE IMPROVEMENTS.		
SHARON ER STP 0147(20) VTrans # 12C410 VT-14	Const: \$1,330,346	Total: \$1,640,782 Const: \$1,640,781
Description: SLOPE REMEDIATION AND ASSOCIATED ROADWAY REPAIR ON VT14 IN SHARON, APPROX. 1.29 MILES NORTH OF THE VT132 INTERSECTION. DDIR #D4-14-16.		
ST. ALBANS HPP 8000(17) VTrans # 05D316	Const: \$917,904	Total: \$1,147,380 Const: \$1,147,380
Description: IMPROVEMENTS TO THE FEDERAL STREET CORRIDOR, FROM THE US7/ST. ALBANS STATE HIGHWAY INTERSECTION TO THE INTERSECTION OF US7/LOWER NEWTON STREET. FUNDING FOR THIS PROJECT TO BE THROUGH HIGH PRIORITY EARMARK, SECTION 5091.		

Vermont Agency of Transportation
2016 - 2019 Statewide Transportation Improvement Program (STIP)

STOWE				Const: \$108,000	Total: \$135,000
STP 0235()					Const: \$135,000
VTrans # 09C388					
Description: IMPROVEMENTS TO PARKING AND PICNIC AREAS IN THE SMUGGLERS NOTCH AREA. AREAS TOBE IMPROVED INCLUDE THE NOTCH PROPER SOUTH PARKING AREA, PICNIC AREA, AND THE BIG SPRING AREA.					
WATERBURY	ROW: \$1,000,000	Const: \$1,000,000	Const: \$7,000,000	Total: \$9,473,684	
FEGC F 013-4(13)				ROW: \$1,052,631	
VTrans # 85B006				Const: \$8,421,052	
US-2					
Description: RECONSTRUCTION OF MAIN ST IN VILLAGE OF WATERBURY BEGINNING 0.04 MILE EAST OF VT100 NO. INTERSECTION EXTENDING EASTERLY 0.98 MILE.					
WOODFORD	Const: \$292,176			Total: \$360,356	
ER NH 010-1(47)				Const: \$360,355	
VTrans # 12B402					
VT-9					
Description: SLOPE REMEDIATION AND ASSOCIATED ROADWAY REPAIR ON VT9 IN WOODFORD, APPROX. 2.8 MILES EAST OF THE BENNINGTON-WOODFORD TOWN LINE. DDIR #HS-D1-9-1.					
	Const: \$2,381,180	ROW: \$1,400,000	ROW: \$671,746	Const: \$25,468,459	Total: \$53,400,635
Totals for Roadway Projects		Const: \$1,960,080	Const: \$14,608,000		ROW: \$2,381,129
					Const: \$51,019,506

Vermont Agency of Transportation
2016 - 2019 Statewide Transportation Improvement Program (STIP)

Project Location	FY16	FY17	FY18	FY19	Total Cost Fed+State+Local
Safety & Traffic Operations					
BARRE CITY HES 037-1(8) VTrans # 04D196 VT-14			Const: \$500,000	Const: \$673,000	Total: \$1,173,000 Const: \$1,173,000
	Description: IMPROVEMENTS TO THE VT14 (MAPLE AVE.)/MERCHANT ST. INTERSECTION IN BARRE CITY, INCLUDING REALIGNMENT OF MERCHANT STREET.				
BARRE TOWN STP HES 0169(8) VTrans # 10C388 VT-110		ROW: \$27,000	Const: \$270,000		Total: \$330,000 ROW: \$30,000 Const: \$300,000
	Description: GEOMETRIC IMPROVEMENTS TO THE VY110/BIANCHI ST. (TH84)/OLD US302 (TH125) IN BARRE TOWN.				
BARRE TOWN HES STPG 6100(6) VTrans # 99D128 VT-14		Const: \$1,086,699			Total: \$1,086,699 Const: \$1,086,699
	Description: PROJECT IS FOR IMPROVEMENTS TO THE VT14/BRIDGE ST./STERLING HILL ROAD INTERSECTION IN SOUTH BARRE.				
FERRISBURGH NHG SGNL(42) VTrans # 13B016 US-7	Const: \$575,000				Total: \$575,000 Const: \$575,000
	Description: INSTALLATION OF A NEW TRAFFIC SIGNAL AT THE US7/LITTLE CHICAGO ROAD (TH5) INTERSECTION IN FERRISBURGH.				
HARTFORD STP 0113(59)S VTrans # 98C026 US-5			Const: \$1,000,000	Const: \$1,618,576	Total: \$2,618,576 Const: \$2,618,576
	Description: PROJECT IS FOR INSTALLING ROUNDABOUTS AT THE INTERSECTIONS OF US5 AND SYKES AVE., AND SYKES AVE. AND RALPH LEHMAN DRIVE.				
HARTFORD-ROYALTON IMG SIGN(48) VTrans # 13A618 I-89N	Const: \$250,000	Const: \$1,631,420			Total: \$1,881,420 Const: \$1,881,420
	Description: SIGN REPLACEMENT ON I-89, BEGINNING AT THE NEW HAMPSHIRE STATE LINE AND EXTENDING NORTHERLY 21.32 MILES AND INTERSECTING ROADWAY APPROACHES AT INTERCHANGES, INCLUDING REPLACEMENT OF OVERHEAD SIGN STRUCTURES.				

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LUDLOW HES SGNL(44) VTrans # 13B020 VT-103		Const: \$469,775		Total: \$469,775 Const: \$469,775
Description: INSTALLATION OF A NEW TRAFFIC SIGNAL AT THE INTERSECTION OF VT103 AND VT100 NORTH IN LUDLOW.				
MORRISTOWN STP HES 030-2(28) VTrans # 12B014 VT-15	Const: \$400,000	Const: \$700,000	Const: \$38,500	Total: \$1,265,000 Const: \$1,265,000
Description: SAFETY IMPROVEMENTS AT THE VT15/VT15A INTERSECTION IN MORRISTOWN.				
MORRISTOWN STPG SGNL(47) VTrans # 15T047 VT-100	Const: \$350,000			Total: \$350,000 Const: \$350,000
Description: Intersection improvements at the Alternate VT Route 100/VT Route 100/Bishop Marshall Drive intersection in Morristown, including installation of a new traffic signal. Signal modifications at the Alternate VT Route 100/Bridge Street intersection.				
NEW HAVEN HES 032-1(8) VTrans # 04B210 VT-17		Const: \$300,000	Const: \$918,517	Total: \$1,218,517 Const: \$1,218,517
Description: REALIGNMENT OF THE VT17/EAST ST. (TH22 & TH18) INTERSECTION IN NEW HAVEN, AND ELIMINATION OF THE VT17/TH19 INTERSECTION.				
PLAINFIELD NH 028-3(41) VTrans # 14T184 US-2	PE: \$81,080		ROW: \$40,000	Total: \$140,000 PE: \$100,000 ROW: \$40,000
Description: Project is for improvements to the intersection of US Route 2 and Town Highway 1 (Main Street) in the Town of Plainfield.				
ROCKINGHAM-HARTFORD IMG SIGN(54) VTrans # 15T005 I-91N	Const: \$300,000	Const: \$1,200,000		Total: \$1,500,000 Const: \$1,500,000
Description: SIGN REPLACEMENT ON I-91, FROM ROCKINGHAM MM 36.00 EXTENDING NORTHERLY 34 MILES TO HARTFORD MM 70.00.				
RUTLAND TOWN NHG 019-3(60) VTrans # 14T190 US-7	Const: \$100,000			Total: \$100,000 Const: \$100,000
Description: Project is for the replacement of an existing strain pole foundation at the intersection of US Route 7 & Green Mountain Plaza & Seward Road in the Town of Rutland.				

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SOUTH HERO		ROW: \$72,000			Total: \$80,000
STP HES 028-1(22)					ROW: \$80,000
VTrans # 12B016					
US-2		Description: INSTALLATION OF A LEFT-TURN LANE ON US2 WESTBOUND, AT THE US2/VT314 INTERSECTION IN SOUTH HERO. INCLUDES OTHER GENERAL SAFETY IMPROVEMENTS.			
		Const: \$825,000	PE: \$81,080	Const: \$4,439,775	ROW: \$40,000
			ROW: \$99,000		Const: \$3,248,593
Totals for Safety & Traffic Operations			Const: \$3,868,119		Total: \$12,787,987
					PE: \$100,000
					ROW: \$150,000
					Const: \$12,537,987

Vermont Agency of Transportation
2016 - 2019 Statewide Transportation Improvement Program (STIP)

Project Location	FY16	FY17	FY18	FY19	Total Cost Fed+State+Local
State Highway Bridges					
BETHEL BHF 0241(38) VTrans # 10C216 VT-12	ROW: \$120,000		Const: \$2,000,000		Total: \$2,650,000 ROW: \$150,000 Const: \$2,500,000
Description: REHABILITATION OF BRIDGE NO. 38 ON VT12 IN BETHEL, OVER GILEAD BROOK.					
BRADFORD BF 0191(29) VTrans # 13C054 VT-25B		Const: \$1,000,000	Const: \$965,000		Total: \$2,456,250 Const: \$2,456,250
Description: REPLACEMENT OF BRIDGE NO. 1 ON VT25B IN BRADFORD, OVER THE WAITS RIVER.					
BRISTOL BF 021-1(33) VTrans # 13B256 VT-116			Const: \$930,800		Total: \$1,163,500 Const: \$1,163,500
Description: SCOPING TO EVALUATE ALTERNATIVES FOR BRIDGE NO. 12 ON VT116 IN BRISTOL, OVER BALDWIN CREEK.					
BRUNSWICK BF 0271(23) VTrans # 13C056 VT-102	ROW: \$100,000				Total: \$125,000 ROW: \$125,000
Description: REPLACEMENT OF BRIDGE NO. 6 ON VT102 IN BRUNSWICK, OVER PAUL STREAM.					
CALAIS BHF 037-2(10) VTrans # 12B144 VT-14		Const: \$1,200,000			Total: \$1,500,000 Const: \$1,500,000
Description: REPLACEMENT OF BRIDGE NO. 74 ON VT14 IN CALAIS, OVER PEKIN BROOK.					
CALAIS BHF 037-2(11) VTrans # 12B146 VT-14		Const: \$1,200,000			Total: \$1,500,000 Const: \$1,500,000
Description: REPLACEMENT OF BRIDGE NO. 82 ON VT14 IN CALAIS, OVER KINGSBURY BRANCH.					
CALAIS BHF 037-2(12) VTrans # 12B148 VT-14		Const: \$360,000			Total: \$450,000 Const: \$450,000
Description: REHABILITATION OF BRIDGE NO. 77 ON VT14 IN CALAIS, OVER KINGSBURY BRANCH.					

Vermont Agency of Transportation
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CHELSEA BHF 0169(9) VTrans # 12C150 VT-110	Const: \$1,028,000		Total: \$1,285,000 Const: \$1,285,000
Description: REHABILITATION OF BRIDGE NO. 9 ON VT110 IN CHELSEA, OVER THE FIRST BRANCH OF THE WHITE RIVER.			
CHELSEA BHF 0169(10) VTrans # 12C152 VT-110	Const: \$984,880		Total: \$1,231,100 Const: \$1,231,100
Description: REHABILITATION OF BRIDGE NO. 11 ON VT110 IN CHELSEA, OVER THE FIRST BRANCH OF THE WHITE RIVER.			
DOVER BF 013-1(20) VTrans # 13B058 VT-100	ROW: \$92,000	Const: \$257,000	Total: \$436,250 ROW: \$115,000 Const: \$321,250
Description: REPLACEMENT OF BRIDGE NO. 59 ON VT100 IN DOVER, OVER THE NORTH BRANCH OF THE DEERFIELD RIVER.			
EAST MONTPELIER BRF 037-1(7) VTrans # 98B252 VT-14	Const: \$2,000,000	Const: \$5,360,000	Total: \$9,200,000 Const: \$9,200,000
Description: REPLACEMENT OF BR68 ON VT14 IN EAST MONTPELIER, OVER THE WINOOSKI RIVER.			
GUILFORD BF 0113(68) VTrans # 13C064 US-5	Const: \$894,400	Const: \$1,000,000	Total: \$2,368,000 Const: \$2,368,000
Description: REPLACEMENT OF BRIDGE NO. 5 ON US5 IN GUILFORD, OVER BROAD BROOK.			
JAY BHF 0278(3) VTrans # 12C154 VT-242	Const: \$100,000	Const: \$1,000,000	Total: \$1,375,000 Const: \$1,375,000
Description: REPLACEMENT OF BRIDGE NO. 10 ON VT242 IN JAY, OVER JAY BRANCH.			
JOHNSON BF 0248(4) VTrans # 13C066 VT-100C	Const: \$454,240	Const: \$1,000,000	Total: \$1,817,800 Const: \$1,817,800
Description: REHABILITATE BRIDGE NOS. 1 AND 2 ON VT100C IN JOHNSON, OVER THE GIHON RIVER.			
KILLINGTON BF 020-2(42) VTrans # 13B260 US-4		Const: \$1,160,000	Total: \$1,450,000 Const: \$1,450,000
Description: SCOPING TO EVALUATE ALTERNATIVES FOR BRIDGE NO. 33 ON US4 IN KILLINGTON, OVER THE OTTAUQUECHEE RIVER.			

Vermont Agency of Transportation
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LANCASTER-GUILDHALL BHF A001(159) VTrans # 12B466 US-2	ROW: \$24,000		Const: \$100,000	Total: \$155,000 ROW: \$30,000 Const: \$125,000	
Description: REHABILITATION AND PAINTING OF BR127 ON US2, OVER THE CONNECTICUT RIVER BETWEEN LANCASTER, NH AND GUILDHALL.					
LUNENBURG NH CULV(27) VTrans # 11B294 US-2	Const: \$845,221	Const: \$1,000,000		Total: \$2,306,526 Const: \$2,306,526	
Description: REPLACEMENT OF BRIDGE NO. 126 (SHORT STRUCTURE) ON US2 IN LUNENBURG, OVER HUDSON BROOK.					
MIDDLEBURY WCRS(23) VTrans # 13G542 VT-30	Const: \$1,000,000	Const: \$18,500,000	Const: \$17,000,000	Const: \$1,500,000	Total: \$40,000,000 Const: \$40,000,000
Description: LOWER GRADE OF THE VERMONT RAILWAY IN MIDDLEBURY TO ACCOMMODATE 21-FT. VERTICAL CLEARANCE, AND					
MORRISTOWN BRS 0240(3)S VTrans # 78F329 VT-15A			Const: \$2,000,000	Const: \$2,600,000	Total: \$5,750,000 Const: \$5,750,000
Description: REPLACEMENT OF BR1 ON VT15A IN MORRISTOWN, OVER THE LAMOILLE RIVER.					
RICHFORD-SUTTON, PQ BHF 0814(1) VTrans # 10C222 VT-105A			Const: \$1,600,000		Total: \$2,000,000 Const: \$2,000,000
Description: REHABILITATION OF BRIDGE NO. 3 ON VT105A, OVER THE MISSISQUOI RIVER BETWEEN RICHFORD, VT AND SUTTON, QUEBEC.					
ST. JOHNSBURY BF 7000(20) VTrans # 86E048 VT-2B		Const: \$452,000	Const: \$1,000,000		Total: \$1,815,000 Const: \$1,815,000
Description: REPLACEMENT OF BRIDGE NO. 6 ON VT2B IN ST. JOHNSBURY, OVER THE LAMOILLE VALLEY RAIL TRAIL.					
STOWE BRF 0235(15) VTrans # 88C190 VT-108	Const: \$2,256,000				Total: \$2,820,000 Const: \$2,820,000
Description: REPLACEMENT OF BR3 ON VT108 IN STOWE, OVER WEST BROOK.					
WAITSFIELD BRF 013-4(39) VTrans # 12B136 VT-100	Const: \$1,000,000	Const: \$1,776,184			Total: \$3,470,230 Const: \$3,470,230
Description: REPLACEMENT OF BRIDGE NO. 177 ON VT100 IN WAITSFIELD, OVER THE MAD RIVER.					

**Vermont Agency of Transportation
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WARDSBORO BRF 013-1(15) VTrans # 92B283 VT-100	Const: \$1,344,000			Total: \$1,680,000 Const: \$1,680,000
Description: REPLACEMENT OF BR68 ON VT100 IN THE TOWN OF WARDSBORO, OVER WARDSBORO BROOK.				
WESTMINSTER BF 024-1(48) VTrans # 15B136	Const: \$64,000			Total: \$80,000 Const: \$80,000
Description: REHABILITATION OF BRIDGE LOCATED BETWEEN WALPOLE, NH AND WESTMINSTER, VT (NH STATE PROJECT 40070)				
WESTON BF 013-2(13) VTrans # 13B076 VT-100	Const: \$1,355,803			Total: \$1,694,754 Const: \$1,694,753
Description: REPLACEMENT OF BR98 ON VT100 IN WESTON, OVER THE WEST RIVER.				
WOODSTOCK BRF 0151(21) VTrans # 10C426 VT-106	Const: \$1,269,600			Total: \$1,587,000 Const: \$1,587,000
Description: REPLACEMENT OF BRIDGE NO. 24 ON VT106 IN WOODSTOCK, OVER KEDRON BROOK.				
	ROW: \$144,000	ROW: \$192,000	Const: \$31,721,520	Const: \$16,872,800
Totals for State Highway Bridges	Const: \$7,726,624	Const: \$23,236,184		Total: \$92,366,410 ROW: \$420,000 Const: \$91,946,410

Vermont Agency of Transportation
2016 - 2019 Statewide Transportation Improvement Program (STIP)

Project Location	FY16	FY17	FY18	FY19	Total Cost Fed+State+Local
Town Highway Bridges					
BARTON VILLAGE BHF 0286(5) VTrans # 12J172 VT-16	Const: \$996,152				Total: \$1,245,190 Const: \$1,245,190
Description: REPLACEMENT OF BRIDGE NO. 20 ON VT16 (CHURCH ST.) IN BARTON VILLAGE, OVER THE CRYSTAL LAKE OUTLET.					
BARTON VILLAGE BO 1449(33) VTrans # 13J078 Min-0776	Const: \$1,016,534				Total: \$1,270,668 Const: \$1,270,667
Description: REPLACEMENT OF BR58 ON TH4 (ROARING BROOK RD.) IN BARTON VILLAGE, OVER THE BARTON RIVER.					
BRANDON BHF 019-3(58) VTrans # 10B358 US-7	Const: \$996,567				Total: \$1,245,709 Const: \$1,245,708
Description: REHABILITATION OF BRIDGE NO. 114 ON US7 IN BRANDON, OVER THE NESHOBE RIVER.					
BRATTLEBORO-HINSDALE,NH BRF 2000(19)SC VTrans # 94D138	ROW: \$3,800,000	ROW: \$4,200,000	Const: \$1,000,000	Const: \$2,600,000	Total: \$14,500,000 ROW: \$10,000,000 Const: \$4,500,000
Description: THIS PROJECT REPRESENTS VERMONT'S SHARE OF THE \$31.5M VERMONT-NEW HAMPSHIRE PROJECT.					
CLARENDON BRO 1443(48) VTrans # 12J160 Min-0576	Const: \$1,380,000				Total: \$1,725,000 Const: \$1,725,000
Description: REPLACEMENT OF BRIDGE NO. 11 ON TH3 IN CLARENDON, OVER THE CLARENDON RIVER.					
CORINTH BRO 1447(29) VTrans # 01J292	Const: \$1,600,092				Total: \$2,000,115 Const: \$2,000,115
Description: PROJECT IS FOR REPLACEMENT OF BR36 ON TH16 IN CORINTH, OVER TABOR BROOK.					
CRAFTSBURY BO 1449(34) VTrans # 13J100 Min-0770	Const: \$1,012,000				Total: \$1,265,000 Const: \$1,265,000
Description: REPLACEMENT OF BRIDGE NO. 4 ON TH4 IN CRAFTSBURY, OVER WHITNEY BROOK.					

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DANBY BF 0130(3) VTrans # 13J304 Maj-0130	Const: \$500,000			Total: \$625,000 Const: \$625,000
Description: SCOPING TO EVALUATE ALTERNATIVES FOR BRIDGE NO. 9 ON FAS 0130 IN DANBY, OVER MILL BROOK.				
HIGHGATE BO 1448(43) VTrans # 98J378	Const: \$3,744,000			Total: \$4,680,000 Const: \$4,680,000
Description: REPLACEMENT OF TRUSS BR25 ON TH4 IN HIGHGATE, OVER THE MISSISQUOI RIVER.				
LUDLOW BRF 025-1(42) VTrans # 10J068 VT-103	Const: \$2,817,297	Const: \$1,000,000	Const: \$1,817,297	Total: \$7,043,243 Const: \$7,043,242
Description: REPLACEMENT OR REHABILITATION OF BRIDGE NO. 25 ON VT103 IN LUDLOW, OVER THE BLACK RIVER.				
MONTGOMERY BHO 1448(42) VTrans # 12J352	Const: \$690,000			Total: \$862,500 Const: \$862,500
Description: REHABILITATION OF THE LONGLEY COVERED BRIDGE ON TH4 IN MONTGOMERY, OVER THE TROUT RIVER.				
MONTPELIER BO 1446(36) VTrans # 13J082	Const: \$440,000		Const: \$1,000,000	Total: \$1,800,000 Const: \$1,800,000
Description: REPLACEMENT OF BR13 ON CUMMINGS ST. IN MONTPELIER, OVER THE NORTH BRANCH OF THE WINOOSKI RIVER.				
NORTHUMBERLAND-GUILDHALL BO A003(750) VTrans # 14J010	Const: \$93,404			Total: \$115,200 Const: \$115,200
Description: REHABILITATION OF THE EXISTING BRIDGE OVER THE CONNECTICUT RIVER BETWEEN NORTHUMBERLAND, NH AND GUILDHALL, VT. NH PROJECT NUMBER IS 28454; THE BRIDGE NUMBER IS 141/059.				
ORLEANS VILLAGE BF 0310(7) VTrans # 13J084 VT-58	Const: \$600,000			Total: \$750,000 Const: \$750,000
Description: REPLACE BR10 ON VT58 (BARTON ST.) IN ORLEANS VILLAGE, OVER THE BARTON RIVER.				
POULTNEY BF 0138(12) VTrans # 13J276 Maj-0138	Const: \$851,760			Total: \$1,064,700 Const: \$1,064,700
Description: SCOPING TO EVALUATE ALTERNATIVES FOR BRIDGE NO. 2 ON FAS 0138 IN POULTNEY, OVER FINEL HOLLOW BROOK.				

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RICHFORD BRF 0302(29) VTrans # 12J158 Maj-0302	Const: \$561,600			Total: \$702,000 Const: \$702,000
Description: REPLACEMENT OF BRIDGE NO. 6 ON TH3 (FAS 0302) IN RICHFORD.				
SANDGATE BO 1441(30) VTrans # 13J086	Const: \$394,845			Total: \$493,556 Const: \$493,556
Description: REHABILITATION OF BR27 ON TH9 IN SANDGATE, OVER TERRY BROOK.				
ST. JOHNSBURY BRO 1447(30) VTrans # 12J164	Const: \$100,000	Const: \$1,500,560		Total: \$2,000,700 Const: \$2,000,700
Description: REPLACEMENT OF BRIDGE NO. 46 ON TH371 (OLD US5) IN ST. JOHNSBURY, OVER THE SLEEPERS RIVER.				
STAMFORD STP 1441(29) VTrans # 96J226	Const: \$552,580			Total: \$690,725 Const: \$690,725
Description: CONSTRUCTION OF A NEW SHORT STRUCTURE ON TH14 IN STAMFORD, OVER AN UNNAMED BROOK.				
STEWARTSTOWN-CANAAN BHO A000(984) VTrans # 11E232	Const: \$118,425			Total: \$148,031 Const: \$148,031
Description: REHABILITATION OF BRIDGE STREET BRIDGE SHARED WITH NEW HAMPSHIRE OVER THE CONNECTICUT RIVER. NH BRIDGE				
STRAFFORD BF 0177(10) VTrans # 13J088 Maj-0177	Const: \$1,058,000			Total: \$1,322,500 Const: \$1,322,500
Description: REPLACEMENT OF BR29 ON FAS 0177 IN STRAFFORD, OVER THE WEST BRANCH OF THE OMPOMPANOOSUC RIVER.				
WOODSTOCK VILLAGE BF 020-2(43) VTrans # 13J280 US-4	Const: \$696,800		Total: \$871,000 Const: \$871,000	
Description: SCOPING TO EVALUATE ALTERNATIVES FOR BRIDGE NO. 51 ON US4 IN WOODSTOCK VILLAGE, OVER KEDRON BROOK.				
Totals for Town Highway Bridges	ROW: \$3,800,000	ROW: \$4,200,000	Const: \$7,824,424	Const: \$9,992,560
	Const: \$3,858,126	Const: \$7,462,803		Total: \$46,420,836 ROW: \$10,000,000 Const: \$36,420,836
Grand Total for all Programs and Projects	ROW: \$3,944,000	PE: \$81,080	ROW: \$671,746	ROW: \$40,000
	Const: \$65,921,738	ROW: \$5,891,000 Const: \$74,392,285	Const: \$81,413,278	Const: \$95,351,613 Total: \$386,802,928 PE: \$100,000 ROW: \$12,951,129 Const: \$373,751,799

FTA Project Specific Details

Summary of FTA Fund Usage

		<u>Available Funds remaining from previous years</u>	<u>FFY 2016 Anticipated Available</u>	<u>FFY 2016 Programmed In STIP</u>	<u>FFY 2017 Anticipated Available</u>	<u>FFY 2017 Programmed In STIP</u>	<u>FFY 2018 Anticipated Available</u>	<u>FFY 2018 Programmed In STIP</u>	<u>FFY 2019 Anticipated Available</u>	<u>FFY 2019 Programmed In STIP</u>
Federal Transit Administration	Fund Source									
Section 5305 (d) Metropolitan Planning Program										
	FFY15	\$ 423,462	\$ 427,739	\$ 427,739	\$ 440,571	\$ 440,571	\$ 453,788	\$ 453,788	\$ 467,402	\$ 467,402
Section 5305 (e) Intercity and Statewide Planning										
	FFY13	\$ 73,804								
	FFY14	\$ 114,547								
	FFY15	\$ 110,568	\$ 293,240	\$ 293,240	\$ 113,885	\$ 113,885	\$ 117,302	\$ 117,302	\$ 120,821	\$ 120,821
Section 5310 Elderly and Persons with Disability Program										
Vermont awards 5310 capital funds through a competitive and coordinated application process. Grants are awarded based on need, service delivery, quality of service and coordination. The application process takes place once per year along with All funds are distributed through the transit agencies listed below. Other agencies that specifically serve the elderly and disabled receive vehicles	FFY12 SAFETEA-LU									
	FFY15 urban	\$ 155,115	\$ 165,079	\$ 165,079	\$ 170,031	\$ 170,031	\$ 175,132	\$ 175,132	\$ 180,386	\$ 180,386
Available Funds	FFY15 rural	\$ 352,104	\$ 316,044	\$ 316,044	\$ 325,525	\$ 325,525	\$ 335,291	\$ 335,291	\$ 345,350	\$ 345,350
All funds are distributed through the transit agencies listed below:										
VTrans: State Administration 10%	Federal	\$ 29,696								
	State	\$ -								
	Local	\$ -								
	Total	\$ 29,696								
Operator: (CCTA) Chittenden County Transit A	Federal	\$ 124,305								
	State	\$ 15,538								
	Local	\$ 15,538								
	Total	\$ 155,381								
Operator: SEVT	Federal	\$ 120,000								
	State	\$ 15,000								
	Local	\$ 15,000								
	Total	\$ 150,000								
Operator: GMCN	Federal	\$ 115,200								
	State	\$ 14,400								
	Local	\$ 14,400								
	Total	\$ 144,000								
Operator: RCT	Federal	\$ 34,845								
	State	\$ 4,356								
	Local	\$ 4,356								
	Total	\$ 43,557								
Operator: Stagecoach	Federal	\$ 48,000								
	State	\$ 6,000								
\$ 29,696	Local	\$ 6,000								
	Total	\$ 60,000								
	total fed	\$ 472,046								
	total state	\$ 55,294								
	total local	\$ 55,294								
	Total TEAM applicati	\$ 582,634								

Summary of FTA Fund Usage

Section 5311/5340 Non Urbanized Area Formula Program										
Vermont awards 5311 capital funds through a competitive and coordinated application process. Grants are awarded based on need, service delivery, quality of service and coordination. The application process takes place once per year along with applications for other funding sources.		<u>Available Funds remaining from previous years</u>	<u>FFY 2016 Anticipated Available</u>	<u>FFY 2016 Programmed In STIP</u>	<u>FFY 2017 Anticipated Available</u>	<u>FFY 2017 Programmed In STIP</u>	<u>FFY 2018 Anticipated Available</u>	<u>FFY 2018 Programmed In STIP</u>	<u>FFY 2019 Anticipated Available</u>	<u>FFY 2019 Programmed In STIP</u>
All funds are distributed through the transit agencies listed below. Other agencies that specifically serve the elderly and disabled participate as subcontractors to the regional providers except two statewide service agencies, Vermont Association Blind and Visually Impaired and the Vermont Kidney Association.										
FTA program funds										
	operating 2	\$ 543,146								
Section 5311/5340 Rural Area Formula	operating 2	\$ 3,611,074	\$ 4,154,220	\$ 3,616,026	\$ 3,724,507	\$ 3,724,507	\$ 3,836,242	\$ 3,836,242	\$ 3,951,329	\$ 3,951,329
Section 5311/5340 Rural Area Formula	administrative	\$ -		\$ 20,000	\$ 20,600	\$ 20,600	\$ 21,218	\$ 21,218	\$ 21,855	\$ 21,855
Section 5311/5340 Rural Technical Assitance Program	rtap - subrecipients 2	\$ 90,080	\$ 92,782	\$ 92,782	\$ 95,566	\$ 95,566	\$ 98,433	\$ 98,433	\$ 101,386	\$ 101,386
Section 5311/5340 Rural Technical Assitance Program	rtap - statewide 2	\$ 16,941	\$ 17,449	\$ 17,449	\$ 17,973	\$ 17,973	\$ 18,512	\$ 18,512	\$ 19,067	\$ 19,067
Section 5311/5340 - Rural New Services - STP Transfer	Intercity Bus	\$ 73,187	\$ 75,383	\$ 75,383	\$ 77,644	\$ 77,644	\$ 79,973	\$ 79,973	\$ 82,373	\$ 82,373
	Total	\$ 4,334,428	\$ 4,264,452	\$ 3,746,258	\$ 3,858,645	\$ 3,858,645	\$ 3,974,405	\$ 3,974,405	\$ 4,093,637	\$ 4,093,637
FHWA Flex										
	administrative and preventive maintenance	\$ 8,006,503	\$ 8,380,324	\$ 8,380,324	\$ 8,631,734	\$ 8,631,734	\$ 8,890,686	\$ 8,890,686	\$ 9,157,406	\$ 9,157,406
Section 5311/5340 Rural Area - PA/PM/ED - STP Transfer	capital	\$ 1,734,200	\$ 2,797,042	\$ 2,797,042	\$ 2,880,953	\$ 2,880,953	\$ 2,967,382	\$ 2,967,382	\$ 3,056,403	\$ 3,056,403
Section 5311/5340 - Rural New Services - STP Transfer	cmaq	\$ 555,880	\$ 589,668	\$ 589,668	\$ 607,358	\$ 607,358	\$ 625,579	\$ 625,579	\$ 644,346	\$ 644,346
Section 5311/5340 - State Admin STP Transfer	state administrative	\$ 346,591	\$ 361,107	\$ 361,107	\$ 371,940	\$ 371,940	\$ 383,098	\$ 383,098	\$ 394,591	\$ 394,591
Section 5311/5340 - Rural New Services - STP Transfer	Intercity Bus	\$ 544,300	\$ 560,629	\$ 560,629	\$ 577,448	\$ 577,448	\$ 594,771	\$ 594,771	\$ 612,614	\$ 612,614
	Total	\$ 11,187,474	\$ 12,128,141	\$ 12,128,141	\$ 12,491,985	\$ 12,491,985	\$ 12,866,745	\$ 12,866,745	\$ 13,252,747	\$ 13,252,747
All funds are distributed through the transit agencies listed below:										
Operator: ACTR	FTA program funds									
Section 5311/5340 Rural Area Formula	Federal operating	\$ 270,625								
Section 5311/5340 Rural Technical Assitance Program	Federal rtap	\$ 10,000								
	Local	\$ 270,625								
	Total	\$ 551,250								
FHWA Flex										
	administrative and preventive maintenance	\$ 744,054								
Section 5311/5340 Rural Area - PA/PM/ED - STP Transfer	capital	\$ 459,200								
Section 5311/5340 - Capital Assistance - STP Transfer	cmaq	\$ 122,500								
Section 5311/5340 - Rural New Services - STP Transfer	state	\$ 57,400								
	local	\$ 274,039								
	total	\$ 1,657,193								
Operator: AT	FTA program funds									
Section 5311/5340 Rural Area Formula	Federal operating	\$ 150,000								
	Federal oper/admin	\$ 15,000								
Section 5311/5340 Rural Technical Assitance Program	Federal rtap	\$ 4,000								
	Local	\$ 153,750								
	Total	\$ 322,750								
FHWA Flex										
	administrative and preventive maintenance	\$ 205,611								
Section 5311/5340 Rural Area - PA/PM/ED - STP Transfer	capital	\$ -								
Section 5311/5340 - Capital Assistance - STP Transfer	cmaq	\$ 206,058								
Section 5311/5340 - Rural New Services - STP Transfer	state	\$ -								
	local	\$ 102,917								
	total	\$ 514,586								

Summary of FTA Fund Usage

		<u>Available Funds remaining from previous years</u>	<u>FFY 2016 Anticipated Available</u>	<u>FFY 2016 Programmed In STIP</u>	<u>FFY 2017 Anticipated Available</u>	<u>FFY 2017 Programmed In STIP</u>	<u>FFY 2018 Anticipated Available</u>	<u>FFY 2018 Programmed In STIP</u>	<u>FFY 2019 Anticipated Available</u>	<u>FFY 2019 Programmed In STIP</u>
Operator: SEVT	FTA program funds									
Section 5311/5340 Rural Area Formula	Federal operating	\$ 750,000								
Section 5311/5340 Rural Technical Assitance Program	Federal rtap	\$ 8,000								
	Local	\$ 750,000								
	Total	\$ 1,508,000								
	FHWA Flex									
Section 5311/5340 Rural Area - PA/PM/ED - STP Transfer	administrative and preventive maintenance	\$ 1,527,742								
Section 5311/5340 - Capital Assistance - STP Transfer	capital	\$ 1,045,440								
	cmaq	\$ 55,000								
	state	\$ 130,680								
	local	\$ 526,366								
	total	\$ 3,285,228								
Operator: GMCNI	FTA program funds									
Section 5311/5340 Rural Area Formula	Federal operating	\$ 210,000								
Section 5311/5340 Rural Technical Assitance Program	Federal rtap	\$ 4,000								
	Local	\$ 210,000								
	Total	\$ 424,000								
	FHWA Flex									
Section 5311/5340 Rural Area - PA/PM/ED - STP Transfer	administrative and preventive maintenance	\$ 397,937								
Section 5311/5340 - Capital Assistance - STP Transfer	capital	\$ 220,160								
Section 5311/5340 - Rural New Services - STP Transfer	cmaq	\$ 22,400								
	state	\$ 27,520								
	local	\$ 132,604								
	total	\$ 800,621								
Operator: GMTA	FTA program funds									
Section 5311/5340 Rural Area Formula	Federal operating	\$ 700,000								
Section 5311/5340 Rural Technical Assitance Program	Federal rtap	\$ 20,000								
	Local	\$ 700,000								
	Total	\$ 1,420,000								
	FHWA Flex									
Section 5311/5340 Rural Area - PA/PM/ED - STP Transfer	administrative and preventive maintenance	\$ 1,954,707								
Section 5311/5340 - Capital Assistance - STP Transfer	capital	\$ 356,546								
Section 5311/5340 - Rural New Services - STP Transfer	cmaq	\$ 91,710								
	state	\$ 44,568								
	local	\$ 581,619								
	total	\$ 3,029,150								
Operator: MVRTD	FTA program funds									
Section 5311/5340 Rural Area Formula	Federal operating	\$ 915,000								
Section 5311/5340 Rural Technical Assitance Program	Federal rtap	\$ 4,000								
	Local	\$ 915,000								
	Total	\$ 1,834,000								
	FHWA Flex									
Section 5311/5340 Rural Area - PA/PM/ED - STP Transfer	administrative and preventive maintenance	\$ 1,664,773								
Section 5311/5340 - Capital Assistance - STP Transfer	capital	\$ 221,342								
Section 5311/5340 - Rural New Services - STP Transfer	cmaq	\$ 50,000								
	state	\$ 27,668								
	local	\$ 456,362								
	total	\$ 2,420,145								

Summary of FTA Fund Usage

		<u>Available Funds remaining from previous years</u>	<u>FFY 2016 Anticipated Available</u>	<u>FFY 2016 Programmed In STIP</u>	<u>FFY 2017 Anticipated Available</u>	<u>FFY 2017 Programmed In STIP</u>	<u>FFY 2018 Anticipated Available</u>	<u>FFY 2018 Programmed In STIP</u>	<u>FFY 2019 Anticipated Available</u>	<u>FFY 2019 Programmed In STIP</u>
Operator: RCT	FTA program funds									
Section 5311/5340 Rural Area Formula	Federal operating	\$ 100,000								
Section 5311/5340 Rural Technical Assitance Program	Federal rtap	\$ 4,000								
	Local	\$ 100,000								
	Total	\$ 204,000								
	FHWA Flex									
	administrative and preventive maintenance	\$ 775,000								
Section 5311/5340 Rural Area - PA/PM/ED - STP Transfer	capital	\$ 157,154								
Section 5311/5340 - Capital Assistance - STP Transfer	cmaq	\$ 42,000								
Section 5311/5340 - Rural New Services - STP Transfer	state	\$ 19,644								
	local	\$ 223,894								
	total	\$ 1,217,692								
Operator: Stagecoach	FTA program funds									
Section 5311/5340 Rural Area Formula	Federal operating	\$ 268,714								
Section 5311/5340 Rural Technical Assitance Program	Federal rtap	\$ 4,000								
	Local	\$ 268,714								
	Total	\$ 541,428								
	FHWA Flex									
	administrative and preventive maintenance	\$ 960,500								
Section 5311/5340 Rural Area - PA/PM/ED - STP Transfer	capital	\$ 337,200								
Section 5311/5340 - Capital Assistance - STP Transfer	state	\$ 42,150								
	local	\$ 282,275								
	total	\$ 1,622,125								
Operator: Vermont Association for the Blind and Visually Impaired	administrative and preventive maintenance	\$ 150,000								
TOTAL FTA Program funds										
	Federal operating	\$ 3,364,339								
	Federal oper/admin	\$ 15,000								
	Federal RTAP - Prov	\$ 58,000								
	Statewide RTAP	\$ 70,142								
	Total	\$ 3,507,481								
	Local	\$ 3,368,089								
	Total TEAM applicati	\$ 6,875,570								
	FHWA Flex funds									
	administrative and preventive maintenance	\$ 8,380,324								
Section 5311/5340 Rural Area - PA/PM/ED - STP Transfer	capital	\$ 2,797,042								
Section 5311/5340 - Capital Assistance - STP Transfer	cmaq	\$ 589,668								
Section 5311/5340 - Rural New Services - STP Transfer	state administration	\$ 361,107								
Section 5311/5340 - State Admiistration - STP Transfer	Total STP Transfer	\$ 12,128,141								
	state	\$ 349,630								
	local	\$ 2,617,576								
	Total TEAM application	\$ 15,095,347								
	total									
	Total Flex funds									

Summary of FTA Fund Usage

		<u>Available Funds remaining from previous years</u>	<u>FFY 2016 Anticipated Available</u>	<u>FFY 2016 Programmed In STIP</u>	<u>FFY 2017 Anticipated Available</u>	<u>FFY 2017 Programmed In STIP</u>	<u>FFY 2018 Anticipated Available</u>	<u>FFY 2018 Programmed In STIP</u>	<u>FFY 2019 Anticipated Available</u>	<u>FFY 2019 Programmed In STIP</u>
Section 5339 Bus and Bus Facilities-rural/urban										
	rural	FFY \$ 1,247,500								
	urban	FFY \$ 158,315								
	rural	FFY \$ 1,250,000								
	urban	FFY \$ 161,288								
	rural	FFY \$ 1,248,288	\$ 1,250,000	\$ 1,250,000	\$ 1,250,000	\$ 1,250,000	\$ 1,250,000	\$ 1,250,000	\$ 1,250,000	\$ 1,250,000
	urban	FFY \$ 161,067	\$ 165,000	\$ 480,670	\$ 165,000	\$ 165,000	\$ 165,000	\$ 165,000	\$ 165,000	\$ 165,000
Funds to be allocated to Transit Providers based on need:										
Operator: CCTA	capital	\$ 480,670								
Section 5339 Bus and Bus Facilities-urban	state	\$ 60,084								
	local	\$ 60,084								
	Total	\$ 600,838								
Operator: CCTA	capital	\$ 412,988								
Section 5339 Bus and Bus Facilities-rural	state	\$ 51,624								
	local	\$ 51,624								
	Total	\$ 516,236								
Operator: GMTA	capital	\$ 496,870								
Section 5339 Bus and Bus Facilities-rural	state	\$ 62,108								
	local	\$ 62,108								
	Total	\$ 621,086								
Operator: RCT	capital	\$ 120,000								
Section 5339 Bus and Bus Facilities-rural	state	\$ 15,000								
	local	\$ 15,000								
	Total	\$ 150,000								
	total fed	\$ 1,510,528								
	total state	\$ 188,816								
	total local	\$ 188,816								
	Total	\$ 1,888,160								

CCRPC TIP



CHITTENDEN COUNTY RPC
Communities Planning Together

Transportation Improvement Program for Fiscal Years 2016-2019

July 15, 2015

Chittenden County Regional Planning Commission
110 West Canal Street, Suite 202
Winooski, VT 05404
(802) 876-4490 / (802) 846-4494(fax)
www.ccrpcvt.org

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A. Introduction

The Chittenden County Transportation Improvement Program (TIP) for fiscal years 2016 through 2019 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, 2015 through September 30, 2019).
- 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 FY16 of \$13,677,047. Revenue sources for transit operations and maintenance are as follows:

Passenger revenue	\$2,722,000
Purchase of service	\$50,361
Local funding	\$3,421,073
State funding	\$2,286,859
Federal grants	\$5,196,754
Total Revenue	\$13,677,047

CHITTENDEN COUNTY REGIONAL PLANNING COMMISSION
A Resolution to Adopt the FY2016-2019
TRANSPORTATION IMPROVEMENT PROGRAM

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

WHEREAS, a fiscally constrained Transportation Improvement Program containing transportation improvements expected to be carried out in the period October 1, 2015 through September 30, 2019 has been prepared through the planning process; and

WHEREAS, the Chittenden County Regional Planning Commission's Transportation Advisory Committee found the projects contained in the proposed TIP to be in conformance with the duly adopted Metropolitan Transportation Plan and has recommended the fiscally constrained 2016-2019 Transportation Improvement Program to the Chittenden County Regional Planning Commission for adoption; and

WHEREAS, the Chittenden County Regional Planning Commission sent copies of the proposed TIP to the eighteen member municipalities for the review and comment period on June 19, 2015; and

WHEREAS, the Chittenden County Metropolitan Planning Organization held a public hearing in the CCRPC offices in Winooski on Wednesday, July 15, 2015 to review the proposed Transportation Improvement Program after publishing a legal notice in the *Burlington Free Press* on June 22, 2015;

NOW, THEREFORE, BE IT RESOLVED that the Chittenden County Regional Planning Commission, as the Metropolitan Planning Organization, hereby adopts the fiscally constrained 2016-2019 Transportation Improvement Program attached hereto and made a part hereof.

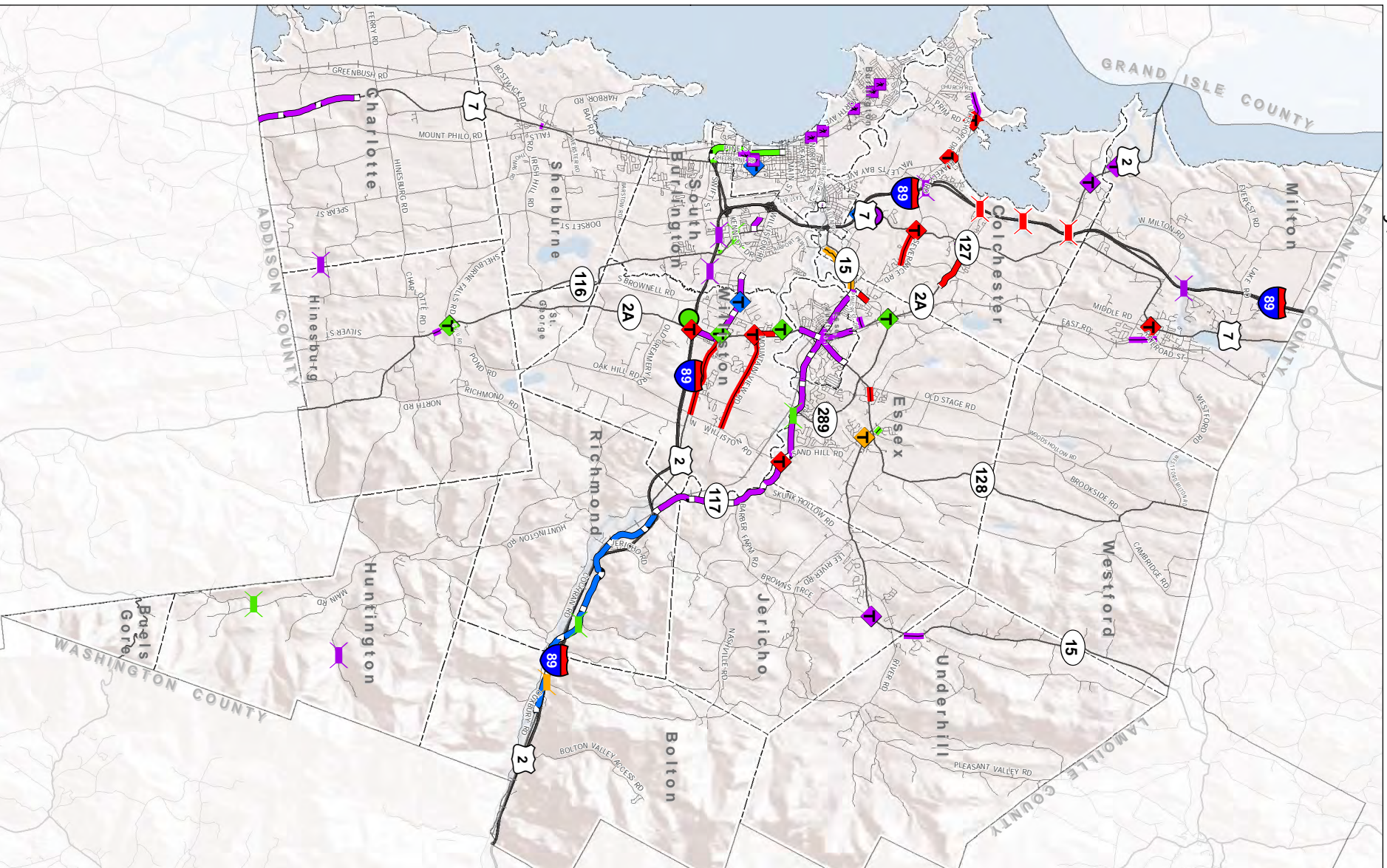
RESOLVED, PASSED AND ADOPTED THIS 15th DAY OF JULY 2015.

CHITTENDEN COUNTY REGIONAL PLANNING COMMISSION

By 
MICHAEL O'BRIEN, ACTING CCRPC CHAIR

Transportation Improvement Program FY 2016 - 2019

Chittenden County, Vermont



Projects

Bridge/Culvert Work

- Construction FY 2016
- Construction FY 2017
- Construction FY 2019
- Construction Year Not Determined

Intersection Improvement

- Construction FY 2016
- Construction FY 2017
- Construction FY 2018
- Construction FY 2019
- Construction Year Not Determined

Intermodal Facility

- Construction FY 2016
- Construction FY 2017

Pedestrian Crossing

- Construction FY 2016

Pedestrian/Bike Project

- Construction FY 2016
- Construction FY 2017
- Construction FY 2019
- Construction Year Not Determined

Roadway Improvement

- Construction FY 2016
- Construction FY 2017
- Construction FY 2018
- Construction Year Not Determined



1:250,000



Source: Project data - updated May 2015 by CDEPC.
Background - ESRI's National Geographic.
Disclaimer: The accuracy of information presented is determined by the user. The information is provided for informational purposes only and is not intended to be used for any other purpose. Chittenden County Regional Planning Commission is not responsible for these. Questions of on-the-ground location require a separate survey. This map is not sufficient for delineation of features on-the-ground. This map identifies between leaders. But is not a replacement for surveyed information or engineering studies.

Section 2: FY2016–2019 TIP: Projects by Municipality

2016-2019 CCRPC Transportation Improvement Program

July 15, 2015

CCRPC # Project Location	FY16-19 Federal Funds				Other Project Information					
	FY16 Phase	FY17 * Phase	FY18 * Phase	FY19 * Phase	Total Cost fed+state+local in 2015 Dollars	Fed. Funds Obligated Thru FY14	FY15 Fed Funds Phase	Project Use Category	Federal Funding Source	Remarks
Bolton-Richmond										
HP095B US2 Paving			\$7,751,766 CON		Total: \$9,907,526 PE: \$427,526 ROW: CON: \$9,480,000	\$231,472		Function and Performance Preservation	STP 80 % Federal 20 % State 0 % Local	Williston-Richmond town line extending 8.24 miles.
VTrans Number: STP 2924(1)					VTrans PM: Fowler, Mike					
Burlington										
BP078 Champlain Elementary Pedestrian Crossing Improvements Birchcliff and Locust VTrans Number: STP BP13(6)	\$329,996 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 for construction of 365 feet of sidewalk and improved crossings on Birchcliff Parkway and Locust Street.
					VTrans PM: Robertson, Scott					
HC001E Champlain Parkway - Engineering and ROW US7 to Main Street VTrans Number: MEGC-M 5000(1)	\$1,206,975 PE/ROW	\$750,111 PE/ROW			Total: PE: ROW: CON:	\$9,319,301	\$1,000,000 PE/ROW	Capacity Expansion	STP 95 % Federal 3 % State 2 % Local	PE and ROW for HC001A.
					VTrans PM: Bohl, Tina					
HC001A Champlain Parkway - US7 to Main Street VTrans Number: MEGC-M 5000(1)		\$1,011,000 CON	\$16,021,747 CON	\$15,164,622 CON	Total: PE: ROW: CON: \$33,000,000			Capacity Expansion	STP 95 % Federal 3 % State 2 % Local	VTrans to use advance construction funding. PE and ROW included under HC001E.
					VTrans PM: Bohl, Tina					

* Future project costs escalated at a rate of 1.1% per year.

CCRPC # Project Location	FY16-19 Federal Funds				Other Project Information					
	FY16 Phase	FY17 * Phase	FY18 * Phase	FY19 * Phase	Total Cost fed+state+local in 2015 Dollars	Fed. Funds Obligated Thru FY14	FY15 Fed Funds Phase	Project Use Category	Federal Funding Source	Remarks
BP090 North Avenue Crosswalks	\$198,316 CON				Total: \$275,395 PE: \$27,500 ROW: CON: \$247,895		\$22,000 PE	Bike/ Pedestrian	STP 80 % Federal 0 % State 20 % Local	2015 TA Award of \$220,316 to construct 5 pedestrian crossings of North Avenue.
VTrans Number: TAP TA15(1)					VTrans PM:					
BP073 Pedestrian and Bicycle Action Plan					Total: \$75,625 PE: ROW: CON:		\$50,000 PE	Bike/ Pedestrian	STP 80 % Federal 10 % State 10 % Local	2013 Bike/Ped award for refinement of facilities identified in 2011 Transportation plan and 2013 PlanBTV.
VTrans Number: STP BP13(12) Funds to be obligated in FY15					VTrans PM: Kaplan, Jon					
HC015 Railyard Enterprise Project	\$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.
Waterfront South Area VTrans Number: BREP(1)					VTrans PM: Perrigo, Joel					
HP085 Shelburne Street Roundabout	\$100,000 ROW		\$1,257,209 CON	\$1,271,038 CON	Total: \$2,835,000 PE: \$275,000 ROW: \$100,000 CON: \$2,460,000	\$202,747	\$100,000 ROW	Function and Performance Preservation	Safety 100 % Federal 0 % State 0 % Local	
Shelburne St/South Willard St/St. Paul St VTrans Number: HES 5000(18)					VTrans PM: Coburn, Patti					

Burlington Int. Airport

AV002 Airfield Projects	\$1,100,000	\$1,700,000	\$1,600,000	\$11,800,000	Total: PE: ROW: CON:		\$350,000	Aviation	AIP 95 % Federal 3 % State 2 % Local	Move/construct Taxiway G north; reconstruct Taxiway G south/Taxiway B; rehabilitate Customs/Cargo apron. BIA project - for information only.
Burlington International Airport VTrans Number:					VTrans PM: Air					

* Future project costs escalated at a rate of 1.1% per year.

CCRPC # Project Location	FY16-19 Federal Funds				Other Project Information					
	FY16 Phase	FY17 * Phase	FY18 * Phase	FY19 * Phase	Total Cost fed+state+local in 2015 Dollars	Fed. Funds Obligated Thru FY14	FY15 Fed Funds Phase	Project Use Category	Federal Funding Source	Remarks
AV005 Land Acquisition	\$1,135,000	\$2,535,000	\$1,870,000	\$1,895,000	Total:		\$1,280,000	Aviation	AIP	Land acquisition for noise control and mitigation. BIA project - for information only.
Burlington International Airport					PE:				95 % Federal	
VTrans Number:					ROW:				3 % State	
					CON:				2 % Local	<u>VTrans PM:</u> Air
AV022 Planning and Environmental Studies	\$300,000		\$1,550,000	\$350,000	Total:		\$330,000	Aviation	AIP	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	<u>VTrans PM:</u> Air
AV003 Terminal Projects	\$2,700,000	\$2,200,000	\$1,800,000	\$2,500,000	Total:		\$3,600,000	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	<u>VTrans PM:</u> Air
Charlotte										
BR049 Sequin Covered Bridge	\$560,000 CON				Total:	\$875,000		Bridge Preservation	STP	
BR28 on TH36 (Roscoe Road) over Lewis Creek					PE:	\$175,000			80 % Federal	
VTrans Number: BO 1445(36)					ROW:				10 % State	
					CON:	\$700,000			10 % Local	<u>VTrans PM:</u> Sargent, Mark
HP019A US7 Reconstruction	\$6,000,000 CON	\$6,748,931 CON			Total:	\$19,964,638	\$1,367,707	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:	\$2,060,370			95 % Federal	
VTrans Number: FEGC 019-4(20)					ROW:	\$1,404,000			5 % State	
					CON:	\$16,500,085			0 % Local	<u>VTrans PM:</u> Upmal, Ken

* Future project costs escalated at a rate of 1.1% per year.

CCRPC # Project Location	FY16-19 Federal Funds				Other Project Information					
	FY16 Phase	FY17 * Phase	FY18 * Phase	FY19 * Phase	Total Cost fed+state+local in 2015 Dollars	Fed. Funds Obligated Thru FY14	FY15 Fed Funds Phase	Project Use Category	Federal Funding Source	Remarks
HP019B US7 Reconstruction	\$3,000,000 CON				Total: \$451,150 PE: ROW: CON:	\$451,150	\$3,090,000 CON	Function and Performance Preservation	SAFETEA-LU Earmark 80 % Federal 20 % State 0 % Local	SAFETEA-LU earmark. Demo ID number VT043. Earmark amount \$4 M programmed at 90%. <u>VTrans PM:</u> Upmal, Ken
SAFETEA-LU Earmark VTrans Number: FEGC 019-4(20)										

Colchester

HP119 Blakely Road/Laker Lane Intersection Improvements					Total: \$360,000 PE: \$50,000 ROW: CON: \$310,000			Function and Performance Preservation	STP 80 % Federal 20 % State 0 % Local	CIRC Alt Phase III project. <u>VTrans PM:</u> CIRC Alternative
VTrans Number: CIRC Alternative Project - Funding schedule to be determined										
HP102 Exit 16 Improvements			\$4,088,484 CON	\$4,185,126 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. <u>VTrans PM:</u> Coburn, Patti
VTrans Number: HES NH 5600(14) CIRC Alternative Project										
IN014 Exit 16 Park and Ride	\$250,000 CON				Total: \$1,300,000 PE: \$50,000 ROW: \$1,000,000 CON: \$250,000	\$50,000	\$1,200,000	Intermodal	CMAQ 100 % Federal 0 % State 0 % Local	 <u>VTrans PM:</u> Bohl, Tina
VTrans Number: CMG PARK(47)										
BR050 Exit 17 Improvements	\$600,000 PE				Total: \$18,100,000 PE: \$1,000,000 ROW: \$100,000 CON: \$17,000,000		\$200,000 PE	Function and Performance Preservation	STP 80 % Federal 20 % State 0 % Local	Project includes reconstruction of BR18A carrying US2 over I-89 and interchange upgrades. <u>VTrans PM:</u> Coburn, Patti
VTrans Number: NH 028-1(31)										

* Future project costs escalated at a rate of 1.1% per year.

CCRPC # Project Location	FY16-19 Federal Funds				Other Project Information					
	FY16 Phase	FY17 * Phase	FY18 * Phase	FY19 * Phase	Total Cost fed+state+local in 2015 Dollars	Fed. Funds Obligated Thru FY14	FY15 Fed Funds Phase	Project Use Category	Federal Funding Source	Remarks
BP068 Fort Ethan Allen Sidewalk Improvements	\$297,600 CON				Total: \$480,000 PE: \$100,000 ROW: \$10,000 CON: \$370,000	\$84,545	\$297,600 CON	Bike/ Pedestrian	SAFETEA-LU Earmark 80 % Federal 0 % State 20 % Local	Project to use unexpended funds from project HC009 Campus Connector
VTrans Number: STP 5600(15)										<u>VTrans PM:</u> Perrigo, Joel
BR025 Mill Pond Road Bridge	\$209,600 CON				Total: \$1,842,002 PE: \$270,000 ROW: \$60,000 CON: \$1,512,000	\$258,000	\$1,000,000 CON	Bridge Preservation	STP 80 % Federal 15 % State 5 % Local	
Bridge 12 on TH 27 over Indian Brook VTrans Number: STP 5600(12)										<u>VTrans PM:</u> Carlson, Carolyn
HP118 Prim Road/West Lakeshore Drive Intersection Improvements					Total: \$1,730,000 PE: \$240,000 ROW: \$200,000 CON: \$1,290,000			Function and Performance Preservation	STP 80 % Federal 20 % State 0 % Local	CIRC Alt Phase III project.
VTrans Number: CIRC Alternative Project - Funding schedule to be determined										<u>VTrans PM:</u> CIRC Alternative
HP110 Severance Corners Intersection Project		\$647,040 ROW			Total: \$6,000,000 PE: \$200,000 ROW: \$800,000 CON: \$5,000,000	\$200,000	\$180,000 PE	Capacity Expansion	STP 80 % Federal 20 % State 0 % Local	CIRC Alt Phase II implementation project.
US7/Town Highway 7/Town Highway 9 VTrans Number: STPG 5600(17)										<u>VTrans PM:</u> Coburn, Patti
HP117 Severance Road Path and Intersection Improvements					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.
VTrans Number: CIRC Alternative Project - Funding schedule to be determined										<u>VTrans PM:</u> CIRC Alternative

* Future project costs escalated at a rate of 1.1% per year.

CCRPC # Project Location	FY16-19 Federal Funds				Other Project Information					
	FY16 Phase	FY17 * Phase	FY18 * Phase	FY19 * Phase	Total Cost fed+state+local in 2015 Dollars	Fed. Funds Obligated Thru FY14	FY15 Fed Funds Phase	Project Use Category	Federal Funding Source	Remarks
HP114 US2/Clay Point Road (TH58) Improvements					Total: \$854,400 PE: \$100,000 ROW: CON: \$754,400		\$500,000 CON	Function and Performance Preservation	Safety 100 % Federal 0 % State 0 % Local	Construction of left-turn lanes
VTrans Number: HES 028-1(28)					VTrans PM: Coburn, Patti					
HP003 VT2A Improvements					Total: \$3,900,000 PE: ROW: CON:			Function and Performance Preservation	STP 80 % Federal 20 % State 0 % Local	CIRC Alternative Phase III project. Project includes improvements to Mill Pond Rd intersection.
Colchester Village VTrans Number: STP 5600(19)					VTrans PM: Coburn, Patti					
CIRC Alternative Project - Funding schedule to be determined										
HP037 VT2A/US7/Creek Rd/Bay Rd Intersection					Total: \$5,235,000 PE: \$1,010,000 ROW: \$1,250,000 CON: \$2,975,000	\$1,938,535	\$500,000 CON	Function and Performance Preservation	STP 80 % Federal 20 % State 0 % Local	
VTrans Number: STP 5600(9)S					VTrans PM: Coburn, Patti					
BP070 West Lakeshore Drive Path					Total: \$1,341,068 PE: \$78,703 ROW: \$62,365 CON: \$1,200,000	\$110,392	\$50,000 ROW	Bike/ Pedestrian	STP 80 % Federal 0 % State 20 % Local	Project includes \$250,000 2013 TA; \$300,000 2015 TA; \$139,835 2013 CCRPC Sidewalk; \$147,200 2014 CCRPC Sidewalk
Church Road to Prim Road VTrans Number: STP SDWK(16)/ TAP TA13(5)					VTrans PM: Scott G.					
Colchester-Essex										
BP069 VT15 Multiuse Path					Total: \$2,000,000 PE: \$200,000 ROW: \$75,000 CON: \$1,725,000	\$162,160	\$150,000 PE	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)					VTrans PM: Coburn, Patti					
CIRC Alternative Project										

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CCRPC # Project Location	FY16-19 Federal Funds				Other Project Information					
	FY16 Phase	FY17 * Phase	FY18 * Phase	FY19 * Phase	Total Cost fed+state+local in 2015 Dollars	Fed. Funds Obligated Thru FY14	FY15 Fed Funds Phase	Project Use Category	Federal Funding Source	Remarks
Essex										
BR048 Alder Brook Culvert (BR2) on VT117		\$1,162,650 CON			Total: \$1,577,500 PE: \$120,000 ROW: \$20,000 CON: \$1,437,500	\$389,184	\$16,000 ROW	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 Pinecrest Drive Sidewalk	\$261,216 CON				Total: \$357,770 PE: ROW: CON:		\$25,000 PE	Bike/ Pedestrian	STP 80 % Federal 0 % State 20 % Local	2015 Transportation Alternatives Grant for \$286,215.60
VT2A to Suffolk Lane VTrans Number: TAP TA15(004)					VTrans PM: Ande					
HP120 Susie Wilson Road Corridor and Intersection Improvements					Total: \$8,500,000 PE: ROW: CON:			Capacity Expansion	STP 80 % Federal 20 % 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					VTrans PM: CIRC Alternative					
BP086 Towers Road Sidewalk		\$175,133 CON			Total: \$216,000 PE: ROW: CON:		\$175,133	Bike/ Pedestrian	STP 80 % Federal 10 % State 10 % Local	2014 Bike/Ped award (\$175,133) for 1,000 feet of sidewalk along Towers Road.
VTrans Number: STP BP14(7)					VTrans PM: Perrigo, Joel					
HP098B VT117 Paving	\$2,947,680 CON				Total: \$3,884,600 PE: \$200,000 ROW: CON: \$3,684,600			Function and Performance Preservation	NHPP 80 % Federal 20 % State 0 % Local	1.2 miles east of 5-Corners to Jericho Town Line.
VTrans Number: NH 2931(2)					VTrans PM: Fowler, Mike					

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CCRPC # Project Location	FY16-19 Federal Funds				Other Project Information					
	FY16 Phase	FY17 * Phase	FY18 * Phase	FY19 * Phase	Total Cost fed+state+local in 2015 Dollars	Fed. Funds Obligated Thru FY14	FY15 Fed Funds Phase	Project Use Category	Federal Funding Source	Remarks
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.
VTrans Number:	CIRC Alternative Project - Funding schedule to be determined									<u>VTrans PM:</u> CIRC Alternative
HP121 VT117/North Williston Road Intersection Improvements					Total: \$1,500,000 PE: ROW: CON:			Function and Performance Preservation	STP 100 % Federal 0 % State 0 % Local	CIRC Alt Phase III project.
VTrans Number: STP 5400(10)	CIRC Alternative Project - Funding schedule to be determined									<u>VTrans PM:</u> CIRC Alternative
HP125 VT128 Slope Stability System					Total: \$390,000 PE: ROW: CON:		\$307,000 CON	Function and Performance Preservation	STP 80 % Federal 20 % State 0 % Local	\$20,000 for PE and \$20,000 for ROW in FY15 from regional project HP115 Slopes and Slides.
North Embankment - MM 0.795 to MM 1.060	Funds to be obligated in FY15									
VTrans Number: STP 2912(2)										<u>VTrans PM:</u> Fowler, Mike
BP081 VT15 Sidewalk - Old Stage Road to Essex Way					Total: \$160,000 PE: ROW: CON:			Bike/ Pedestrian	STP 80 % Federal 20 % State 0 % Local	CIRC Alt Phase III project.
VTrans Number:	CIRC Alternative Project - Funding schedule to be determined									<u>VTrans PM:</u> Coburn, Patti
HP082 VT15/Sand Hill Road Intersection Improvements		\$75,825 ROW		\$1,033,364 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.
VTrans Number: STPG 030-1(22)	CIRC Alternative Project									<u>VTrans PM:</u> Coburn, Patti

* Future project costs escalated at a rate of 1.1% per year.

CCRPC # Project Location		FY16-19 Federal Funds				Other Project Information					
		FY16 Phase	FY17 * Phase	FY18 * Phase	FY19 * Phase	Total Cost <i>fed+state+local in 2015 Dollars</i>	Fed. Funds Obligated Thru FY14	FY15 Fed Funds Phase	Project Use Category	Federal Funding Source	Remarks
BP076 VT2A Bike Path						Total: \$229,075	\$98,400	\$185,000 CON	Bike/ Pedestrian	STP	2013 Bike/Ped award (\$84,323) and CCRPC 2011 (\$52,500) & 2014 (\$100,000) Sidewalk Grant. PE and Design will be funded with a sidewalk grant.
Old Colchester Road to Pinecrest Drive						PE: \$45,825				80 % Federal	
VTTrans Number: STP SDWK(9)/ STP BP13(24)						ROW: \$5,000				10 % State	
Funds to be obligated in FY15						CON: \$178,250				10 % Local	
VTTrans PM: Perrigo, Joel											
HP101B VT2A/VT289 Intersection						Total: \$1,677,400	\$200,000	\$200,000 PE	Capacity Expansion	STP	CIRC Alt Project. Phase II includes geometric changes to the intersection.
Phase II Improvements						PE: \$200,000				100 % Federal	
VTTrans Number: STP 5400(7)						ROW: \$10,000				0 % State	
CIRC Alternative Project						CON: \$1,467,400				0 % Local	
VTTrans PM: Coburn, Patti											
Essex Junction											
HC014 Crescent Connector						Total: \$7,200,000	\$972,960		Capacity Expansion	STP	CIRC Alt Phase I project. Construction of a new road connecting VT2A and VT117.
\$2,400,000 CON						PE: \$900,000				80 % Federal	
VT2A to VT117						ROW: \$300,000				20 % State	
VTTrans Number: STP 5300(13)						CON: \$6,000,000				0 % Local	
VTTrans PM: Deforge, Ande											
BP089 Main Street Sidewalk Extension						Total: \$35,000		\$28,378	Bike/ Pedestrian	STP	2014 Bike/Ped award to study 3,200 feet of sidewalk to access neighborhoods, Essex Education facility and downtown.
						PE:				80 % Federal	
VTTrans Number: STP BP14(23)						ROW:				10 % State	
Funds to be obligated in FY15						CON:				10 % Local	
VTTrans PM: Perrigo, Joel											
BP071 Multi-Use Safety Path						Total: \$497,500	\$137,600	\$310,150 CON	Bike/ Pedestrian	STP	Funding includes 2013 TE Grant (\$250,000) and 2013 CCRPC Sidewalk Grant (\$139,834).
Central Street to North Street						PE: \$91,600				80 % Federal	
VTTrans Number: TAP TA13()/ STP SDWK(17)						ROW: \$8,000				0 % State	
Funds to be obligated in FY15						CON: \$397,900				20 % Local	
VTTrans PM: Perrigo, Joel											

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CCRPC # Project Location	FY16-19 Federal Funds				Other Project Information					
	FY16 Phase	FY17 * Phase	FY18 * Phase	FY19 * Phase	Total Cost fed+state+local in 2015 Dollars	Fed. Funds Obligated Thru FY14	FY15 Fed Funds Phase	Project Use Category	Federal Funding Source	Remarks
HP124B Paving VT15 and VT117 National Highway System VTrans Number: NH 2956(2)	\$3,248,000 CON				Total: \$1,277,000 PE: \$150,000 ROW: CON: \$1,127,000			Function and Performance Preservation	NHPP 80 % Federal 20 % State 0 % Local	<u>VTrans PM:</u>
HP124A Paving VT2A Class I Town Highway VTrans Number: STP 2956(1)	\$901,600 CON				Total: \$4,260,000 PE: \$200,000 ROW: CON: \$4,060,000		\$280,000 PE	Function and Performance Preservation	STP 80 % Federal 20 % State 0 % Local	Paving of Class I Town Highways in Essex Junction. <u>VTrans PM:</u> Fowler, Mike
HP111 Pearl Street Improvements Post Office Square to 5-Corners VTrans Number: STP 5300(14)	\$40,000 ROW	\$505,500 CON	\$997,238 CON		Total: \$2,300,000 PE: \$250,000 ROW: \$50,000 CON: \$1,820,000	\$202,700		Function and Performance Preservation	STP 80 % Federal 20 % State 0 % Local	CIRC Alternatives Phase II implementation project. <u>VTrans PM:</u> Perrigo, Joel
Essex, Williston										
HP126 Adaptive Signal Control on VT2A and VT15 Locations on US2, VT15 and VT2A VTrans Number: STPG SGNL(46)		\$1,011,000 CON			Total: \$1,000,000 PE: ROW: CON:			Function and Performance Preservation	STP 100 % Federal 0 % State 0 % Local	Adaptive signal control at 19 intersections in Williston and Essex. <u>VTrans PM:</u>

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CCRPC # Project Location	FY16-19 Federal Funds				Other Project Information					
	FY16 Phase	FY17 * Phase	FY18 * Phase	FY19 * Phase	Total Cost fed+state+local in 2015 Dollars	Fed. Funds Obligated Thru FY14	FY15 Fed Funds Phase	Project Use Category	Federal Funding Source	Remarks

Hinesburg

BP066 Village North Sidewalk	\$124,000 CON				Total: \$255,000 PE: \$85,000 ROW: \$15,000 CON: \$155,000	\$68,918	\$124,000 CON	Bike/ Pedestrian	STP 80 % Federal 10 % State 10 % Local	2012 Bike and Pedestrian award
VT116 from Commerce Street to Riggs Road VTrans Number: STP BIKE(54)										<u>VTrans PM:</u> Perrigo, Joel

HP058 VT116/CVU Road Improvements	\$150,000 ROW	\$1,639,778 CON			Total: \$2,121,937 PE: \$350,000 ROW: \$150,000 CON: \$1,621,937	\$106,532		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)										<u>VTrans PM:</u> Coburn, Patti

Huntington

BR042 Bridge 30 on Camels Hump Road	\$660,000 CON				Total: \$1,015,062 PE: \$165,062 ROW: \$25,000 CON: \$825,000	\$148,000	\$140,000 PE/ROW	Bridge Preservation	STP 80 % Federal 10 % State 10 % Local	
BR30 on TH22 over Brush Brook VTrans Number: BRO 1445(35)										<u>VTrans PM:</u> Carlson, Carolyn

BR045 Bridge 8 on Main Road (South of Moody Road)	\$108,000 ROW	\$2,022,000 CON			Total: \$2,952,528 PE: \$325,538 ROW: \$135,000 CON: \$2,487,000	\$75,000	\$210,000 PE	Bridge Preservation	STP 80 % Federal 15 % State 5 % Local	
BR8 on FAS0211 over Huntington River VTrans Number: BF 0211(32)										<u>VTrans PM:</u> Young, Robert

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CCRPC # Project Location	FY16-19 Federal Funds				Other Project Information					
	FY16 Phase	FY17 * Phase	FY18 * Phase	FY19 * Phase	Total Cost fed+state+local in 2015 Dollars	Fed. Funds Obligated Thru FY14	FY15 Fed Funds Phase	Project Use Category	Federal Funding Source	Remarks
BP074 Lower Village Bike/Pedestrian Scoping Study					Total: \$33,000 PE: ROW: CON:			Bike/ Pedestrian	STP 80 % Federal 10 % State 10 % Local	2013 Bike/Ped Grant for scoping of bike/pedestrian needs in Village Center.
VTrans Number: STP BP13(17)	Funds to be obligated in FY15									<u>VTrans PM:</u> Kaplan, Jon

Interstate/Expressway

BR047 I-89 Bridge Rehabilitation, Bolton				\$816,564 CON	Total: \$1,091,898 PE: \$213,898 ROW: CON: \$878,000	\$22,500	\$200,000 PE	Bridge Preservation	NHPP 90 % Federal 10 % State 0 % Local	
Culvert 51-3 Carrying Notch Road VTrans Number: IM 089-2(45)										<u>VTrans PM:</u> Fitch, Jennifer
BR032 I-89 Bridge Rehabilitation, Colchester					Total: \$13,368,778 PE: \$368,778 ROW: CON: \$13,000,000	\$22,500	\$200,000 PE	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).
BR76 (Bay Road) and BR77 (Mallets Creek) VTrans Number: IM 089-3(69)										<u>VTrans PM:</u> Fitch, Jennifer
BR044 I-89 Bridge Rehabilitation, Colchester	\$1,530,000 CON				Total: \$2,006,871 PE: \$306,871 ROW: CON: \$1,700,000	\$22,500	\$200,000 PE	Bridge Preservation	NHPP 90 % Federal 10 % State 0 % Local	
Culvert 75-1N VTrans Number: IM 089-3(71)										<u>VTrans PM:</u> Fitch, Jennifer
BR039 I-89 Bridge Replacement, Milton					Total: \$25,683,116 PE: \$225,316 ROW: CON: \$25,457,800	\$22,903,056		Bridge Preservation	NHPP 90 % Federal 10 % State 0 % Local	Design build project.
Bridge 81 over the Lamaille River VTrans Number: IM 089-3(66)	Funds obligated in FY14									<u>VTrans PM:</u> Summer, Todd

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CCRPC # Project Location	FY16-19 Federal Funds				Other Project Information					
	FY16 Phase	FY17 * Phase	FY18 * Phase	FY19 * Phase	Total Cost fed+state+local in 2015 Dollars	Fed. Funds Obligated Thru FY14	FY15 Fed Funds Phase	Project Use Category	Federal Funding Source	Remarks
Jericho-Richmond										
HP098A VT117 Paving	\$3,349,720 CON				Total: \$4,487,150 PE: \$300,000 ROW: CON: \$4,187,150	\$100,000	\$3,812,000 CON	Function and Performance Preservation	STP 80 % Federal 20 % State 0 % Local	Essex Town Line to US2.
VTrans Number: STP 2931(1)					VTrans PM: Fowler, Mike					
Milton										
BP075 McMullen Road Sidewalk Improvement Project	\$314,000 CON				Total: \$439,000 PE: \$43,000 ROW: \$3,000 CON: \$393,000	\$34,864	\$310,000 ROW/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.
VTrans Number: STP BP13(3)					VTrans PM: Kaplan, Jon					
BP088 Railroad Street Rail Crossing					Total: \$22,000 PE: ROW: CON:		\$17,838	Bike/ Pedestrian	STP 80 % Federal 10 % State 10 % Local	2014 Bike/ped award to study 300 feet of sidewalk along Railroad Street including a rail crossing.
VTrans Number: STP BP14(18)					Funds to be obligated in FY15 VTrans PM:					
HP015 US2/Bear Trap Road (TH40)	\$50,000 CON				Total: \$65,000 PE: \$15,000 ROW: CON: \$50,000		\$50,000 CON	Function and Performance Preservation	Safety 100 % Federal 0 % State 0 % Local	New roadway delineation and new dynamic warning signs
VTrans Number: HES 028-1(27)					VTrans PM: Coburn, Patti					
HP007 US7/Middle Rd/Railroad St Intersection			\$511,061 ROW		Total: \$4,150,000 PE: \$150,000 ROW: \$500,000 CON: \$3,500,000	\$200,000		Function and Performance Preservation	STP 100 % Federal 0 % State 0 % Local	
US7/TH1 VTrans Number: STP 5800(3)					VTrans PM: Coburn, Patti					

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CCRPC # Project Location	FY16-19 Federal Funds				Other Project Information					
	FY16 Phase	FY17 * Phase	FY18 * Phase	FY19 * Phase	Total Cost fed+state+local in 2015 Dollars	Fed. Funds Obligated Thru FY14	FY15 Fed Funds Phase	Project Use Category	Federal Funding Source	Remarks
Regional										
OT024 Advancement in Micro-Urban Metropolitan Corridor Monitoring					Total: \$1,227,220 PE: ROW: CON:		\$981,780	Function and Performance Preservation	AID 80 % Federal 20 % State 0 % Local	CCRPC was awarded a federal Accelerated Innovation Deployment (AID) demonstration grant.
VTrans Number:	Funds to be obligated in FY15				VTrans PM:					
BR003 Bridge Inspection	\$50,000 PE	\$50,000 PE	\$50,000 PE	\$50,000 PE	Total: PE: ROW: CON:		\$50,000 PE	Bridge Preservation	NHPP/STP % Federal % State % Local	CCRPC share of VTrans bridge inspection program. Funding shares to be determined.
Regional VTrans Number:					VTrans PM: Regional					
BR033 Bridge Preventative Maintenance	\$250,000 PE/ROW/CON	\$250,000 PE/ROW/CON	\$250,000 PE/ROW/CON	\$250,000 PE/ROW/CON	Total: PE: ROW: CON:		\$250,000 PE/ROW/CON	Bridge Preservation	NHPP/STP % Federal % State % Local	Bridge preventative maintenance and painting for state and interstate bridges in Chittenden County. Funding shares to be determined.
Regional VTrans Number:					VTrans PM: Regional					
BR004 Bridge Scoping and Preliminary Engineering	\$100,000 PE	\$100,000 PE	\$100,000 PE	\$100,000 PE	Total: PE: ROW: CON:		\$100,000 PE	Bridge Preservation	NHPP/STP % Federal % State % Local	Funding for VTrans scoping and preliminary engineering. Funding shares to be determined.
Regional VTrans Number:					VTrans PM: Regional					
IN011 Circ Alternatives TDM/TSM Projects - Phase I					Total: \$620,000 PE: ROW: CON:		\$300,000	Intermodal	STP 80 % Federal 20 % State 0 % Local	TDM/TSM projects targeting the Circ Study Area.
VTrans Number:	Funds to be obligated in FY15				VTrans PM: CCRPC					

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CCRPC # Project Location	FY16-19 Federal Funds				Other Project Information					
	FY16 Phase	FY17 * Phase	FY18 * Phase	FY19 * Phase	Total Cost fed+state+local in 2015 Dollars	Fed. Funds Obligated Thru FY14	FY15 Fed Funds Phase	Project Use Category	Federal Funding Source	Remarks
IN012 Circ Alternatives TDM/TSM Projects - Phase II	\$250,000				Total: \$650,000 PE: ROW: CON:		\$250,000	Intermodal	STP 80 % Federal 20 % State 0 % Local	CIRC Alternatives Phase II implementation project. \$500,000 for Adaptive Signal Control and \$250,000 for Go! Chittenden County.
VTrans Number:										<u>VTrans PM:</u> CIRC Alternative
OT006 Design Scoping Projects	\$100,000 PE	\$100,000 PE	\$100,000 PE	\$100,000 PE	Total: PE: ROW: CON:		\$100,000 PE	Other	NHPP/STP % Federal % State % Local	Funding for VTrans scoping in Chittenden County. Funding shares to be determined.
Regional VTrans Number:										<u>VTrans PM:</u> Regional
OT005 Local Roads	\$16,000 PE	\$16,000 PE	\$16,000 PE	\$16,000 PE	Total: PE: ROW: CON:		\$16,000 PE	Function and Performance Preservation	LTAP 80 % Federal 20 % State 0 % Local	CCRPC's share of the statewide Local Roads program. Funds are non-constrained.
Regional VTrans Number:										<u>VTrans PM:</u> Regional
OT017 Modifications and Overruns	\$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	Other	NHPP/STP % Federal % State % Local	Funds to be used for projects that have been completed but are still incurring costs. Funding shares to be determined.
VTrans Number:										<u>VTrans PM:</u> Regional
HP012 Pavement Marking	\$40,000 CON	\$40,000 CON	\$40,000 CON	\$40,000 CON	Total: PE: ROW: CON:		\$40,000 CON	Function and Performance Preservation	NHPP/STP 100 % Federal 0 % State 0 % Local	Funding for VTrans annual pavement marking in Chittenden County.
Regional VTrans Number:										<u>VTrans PM:</u> Regional

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CCRPC # Project Location	FY16-19 Federal Funds				Other Project Information					
	FY16 Phase	FY17 * Phase	FY18 * Phase	FY19 * Phase	Total Cost fed+state+local in 2015 Dollars	Fed. Funds Obligated Thru FY14	FY15 Fed Funds Phase	Project Use Category	Federal Funding Source	Remarks
HP016 Paving	\$50,000 PE/CON	\$50,000 PE/CON	\$50,000 PE/CON	\$50,000 PE/CON	Total: PE: ROW: CON:		\$50,000 PE/CON	Function and Performance Preservation	NHPP/STP % Federal % State % Local	Funding for VTrans design of paving projects in Chittenden County. Funding shares to be determined.
Regional VTrans Number:										<u>VTrans PM:</u> Regional
BP022 Regional Recreational Trails	\$70,000 CON	\$70,000 CON	\$70,000 CON	\$70,000 CON	Total: PE: ROW: CON:		\$70,000 CON	Bike/ Pedestrian	Rec Trails 80 % Federal 0 % State 20 % Local	Recreational trails program administered by the Vermont Agency of Natural Resources.
VTrans Number:										<u>VTrans PM:</u> Regional
OT001 Regional Safety	\$250,000 PE/ROW/CON	\$250,000 PE/ROW/CON	\$250,000 PE/ROW/CON	\$250,000 PE/ROW/CON	Total: PE: ROW: CON:		\$250,000 PE/ROW/CON	Function and Performance Preservation	Safety % Federal % State % Local	Funding for safety projects. Funding shares to be determined.
Regional VTrans Number:										<u>VTrans PM:</u> Regional
BP040 Sidewalks in Chittenden County	\$300,000 PE/ROW/CON	\$300,000 PE/ROW/CON	\$300,000 PE/ROW/CON	\$300,000 PE/ROW/CON	Total: PE: ROW: CON:		\$300,000 PE/ROW/CON	Bike/ Pedestrian	STP 80 % Federal 0 % State 20 % Local	Funding for new CCRPC sidewalk awards.
VTrans Number: STP SDWK()										<u>VTrans PM:</u> Scribner, Sue
HP115 Slopes and Slides	\$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.
VTrans Number:										<u>VTrans PM:</u> Regional

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CCRPC # Project Location	FY16-19 Federal Funds				Other Project Information					
	FY16 Phase	FY17 * Phase	FY18 * Phase	FY19 * Phase	Total Cost fed+state+local in 2015 Dollars	Fed. Funds Obligated Thru FY14	FY15 Fed Funds Phase	Project Use Category	Federal Funding Source	Remarks
HP050 Statewide Traffic Signal Re- Timing	\$35,000 PE	\$35,000 PE	\$35,000 PE	\$35,000 PE	Total: PE: ROW: CON:		\$35,000 PE	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.
VTrans Number: TMNG(006)										<u>VTrans PM:</u> Nyquist, Bruce
HP027 Traffic Signals	\$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.
Regional VTrans Number:										<u>VTrans PM:</u> Regional
Richmond										
BR046 Richmond Bridge 32 on US2 over Snipe Ireland Brook	\$52,000 ROW	\$875,122 CON			Total: \$1,265,000 PE: \$200,000 ROW: \$65,000 CON: \$1,000,000	\$75,000	\$200,000 PE	Bridge Preservation	STP 80 % Federal 20 % State 0 % Local	
VTrans Number: BF 0284(28)										<u>VTrans PM:</u> Young, Robert
Shelburne										
OT022 Shelburne Ferry Boat Project					Total: \$2,325,000 PE: \$125,000 ROW: CON: \$2,200,000	\$1,360,000	\$1,760,000 CON	Other	FBP 80 % Federal 0 % State 20 % Local	Replace existing dry dock marine maintenance facility at 4650 Harbor Road. Match to be provided by Lake Champlain Transportation Co.
VTrans Number: LFDC(1) Funds to be obligated in FY15										<u>VTrans PM:</u> Bohl, Tina
HP127 US7/Harbor Road/Falls Road					Total: \$1,540,000 PE: \$140,000 ROW: CON: \$1,400,000			Function and Performance Preservation	STP 80 % Federal 20 % State 0 % Local	Intersection upgrades. Illustrative project pending the availability of federal funds.
VTrans Number:										<u>VTrans PM:</u>

* Future project costs escalated at a rate of 1.1% per year.

CCRPC # Project Location	FY16-19 Federal Funds				Other Project Information					
	FY16 Phase	FY17 * Phase	FY18 * Phase	FY19 * Phase	Total Cost fed+state+local in 2015 Dollars	Fed. Funds Obligated Thru FY14	FY15 Fed Funds Phase	Project Use Category	Federal Funding Source	Remarks
BP084 Village Sidewalk and Crosswalks	\$111,890 CON				Total: \$138,000 PE: ROW: CON:	\$28,378	\$111,890	Bike/ Pedestrian	STP 80 % Federal 10 % State 10 % Local	2014 Bike/Ped award (\$111,890) to construct 600 feet of sidewalk along Shelburne Rd.
VTrans Number: STP BP14(5)					VTrans PM:					

South Burlington

HC012 I-89 Exit 14 Upgrades					Total: \$1,564,400 PE: ROW: CON:		\$950,000 PE/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.
VTrans Number:					VTrans PM: Earmark					
HC010B Market Street Reconstruction	\$2,500,000 CON	\$2,113,369 CON			Total: \$6,673,369 PE: \$2,000,000 ROW: \$60,000 CON: \$4,613,369	\$973,000		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).
Transportation Improvements VTrans Number: STP 5200(17)					VTrans PM: Perrigo, Joel					
HC013 US2/Exit 14 Improvements					Total: \$4,200,000 PE: \$650,000 ROW: \$100,000 CON: \$3,450,000	\$3,533,378	\$641,500 CON	Capacity Expansion	SAFETEA-LU Earmark 80 % Federal 10 % State 10 % Local	SAFETEA-LU earmark. Demo ID number VT033. Earmark amount \$3 M programmed at 90%. \$401,588 to come from I-89 Exit 14 Upgrades Demo ID VT039.
Sheraton/Staples Intersection to Exit 14 VTrans Number: STP 5200(18)					VTrans PM: Deforge, Ande					
Funds to be obligated in FY15										

* Future project costs escalated at a rate of 1.1% per year.

CCRPC # Project Location	FY16-19 Federal Funds				Other Project Information					
	FY16 Phase	FY17 * Phase	FY18 * Phase	FY19 * Phase	Total Cost fed+state+local in 2015 Dollars	Fed. Funds Obligated Thru FY14	FY15 Fed Funds Phase	Project Use Category	Federal Funding Source	Remarks
BR043 VT116 Potash Brook Culvert	\$160,000 ROW	\$818,910 CON			Total: \$1,332,064 PE: \$132,064 ROW: \$200,000 CON: \$1,000,000	\$121,620	\$720,000 CON	Bridge Preservation	STP 80 % Federal 20 % State 0 % Local	Replace culvert
VTrans Number: STP SCR(8)					<u>VTrans PM:</u> Upmal, Ken					

BP085 VT116 Sidewalk to Tilley Drive	\$4,000 ROW	\$140,448 CON			Total: \$227,656 PE: \$47,096 ROW: \$5,000 CON: \$175,560		\$136,214	Bike/ Pedestrian	STP 80 % Federal 10 % State 10 % Local	2014 Bike/Ped award (\$136,214) and 2011 Sidewalk grant (\$47,500) to construct 800 feet of sidewalk on the west side of Hinesburg Road.
VTrans Number: STP BP14(6)/STP SDWK(10)					<u>VTrans PM:</u>					

South Burlington-Williston

HP104 US2 Paving	\$4,800,000 CON				Total: \$6,306,332 PE: \$306,332 ROW: CON: \$6,000,000	\$243,240	\$2,035,108 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.
VTrans Number: NH 2944(1)					<u>VTrans PM:</u> Fowler, Mike					

Transit

TR072 CCTA "Next Bus" ITS System	\$600,000	\$300,000			Total: PE: ROW: CON:		\$800,000	Transit	STP Transfer 80 % Federal 10 % State 10 % Local	Passenger information system for bus arrival times. Pending award of funds to CCTA.
VTrans Number:					<u>VTrans PM:</u> Transit					

* Future project costs escalated at a rate of 1.1% per year.

CCRPC # Project Location	FY16-19 Federal Funds				Other Project Information					
	FY16 Phase	FY17 * Phase	FY18 * Phase	FY19 * Phase	Total Cost fed+state+local in 2015 Dollars	Fed. Funds Obligated Thru FY14	FY15 Fed Funds Phase	Project Use Category	Federal Funding Source	Remarks
TR061 CCTA Capital - Buses, Facilities and Equipment	\$2,000,000	\$2,800,000	\$1,500,000	\$500,000	Total: PE: ROW: CON:		\$2,500,000	Transit	FTA Sec. 5309/STP Transfer 80 % Federal 10 % State 10 % Local	Federal funds for vehicle replacement past their useful life, facilities, transit technology, shelters, lighting and bike racks. Pending award of funds.
VTrans Number:										<u>VTrans PM:</u> Transit
TR078 CCTA Capital - Facility and Bus Heavy Repairs	\$200,000	\$200,000	\$200,000	\$200,000	Total: PE: ROW: CON:		\$200,000	Transit	STP Transfer 80 % Federal 10 % State 10 % Local	Facility and bus PM such as HVAC, energy efficiency, roof, doors, lifts, engines, transmissions, floors, radiators. Pending award of funds to CCTA.
VTrans Number:										<u>VTrans PM:</u> Transit
TR076 CCTA Capital - Fare Payment System Improvement		\$1,000,000			Total: PE: ROW: CON:			Transit	STP Transfer 80 % Federal 10 % State 10 % Local	Contactless card fare payment system. Pending award of funds to CCTA.
VTrans Number:										<u>VTrans PM:</u> Transit
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.
VTrans Number:										<u>VTrans PM:</u> Transit
TR003B CCTA Capital - Federal	\$490,000	\$170,805	\$175,929	\$181,207	Total: PE: ROW: CON:		\$161,000	Transit	FTA Sec. 5339 80 % Federal 10 % State 10 % Local	Federal Bus and Bus Facility Program.
VTrans Number:										<u>VTrans PM:</u> Transit

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CCRPC # Project Location	FY16-19 Federal Funds				Other Project Information					
	FY16 Phase	FY17 * Phase	FY18 * Phase	FY19 * Phase	Total Cost fed+state+local in 2015 Dollars	Fed. Funds Obligated Thru FY14	FY15 Fed Funds Phase	Project Use Category	Federal Funding Source	Remarks
TR079C CCTA Mobility Management	\$73,000	\$75,190	\$77,446	\$79,769	Total: PE: ROW: CON:		\$156,000	Transit	FTA Sec. 5310 Urbanized Allocation 80 % Federal 0 % State 20 % Local	Mobility management. Pending award of funds to CCTA.
VTrans Number:										<u>VTrans PM:</u> Transit
TR002 CCTA Operating - Federal	\$2,500,000	\$2,600,000	\$2,700,000	\$2,800,000	Total: PE: ROW: CON:		\$2,400,000	Transit	FTA Sec. 5307 50 % Federal % State % Local	Federal formula portion only. Matching funds provided by VTrans and CCTA.
VTrans Number:										<u>VTrans PM:</u> Transit
TR030B CCTA Operation	\$166,420	\$171,413	\$176,555	\$181,852	Total: PE: ROW: CON:		\$161,573	Transit	Transfer from 5311 to 5307 50 % Federal 50 % State 0 % Local	Pending award of funds to CCTA. Job access support.
VTrans Number:										<u>VTrans PM:</u> Transit
TR063 CCTA Passenger Amenities	\$85,000	\$85,000	\$85,000	\$85,000	Total: PE: ROW: CON:		\$85,000	Transit	STP Transfer 80 % Federal 10 % State 10 % Local	Funding for shelters with solar lights. Pending award of funds to CCTA.
VTrans Number:										<u>VTrans PM:</u> Transit
TR008C CCTA Preventative Maintenance	\$30,766	\$31,689			Total: PE: ROW: CON:		\$29,870	Transit	STP Transfer 80 % Federal 0 % State 20 % Local	Pending award of funds to CCTA.
VTrans Number:										<u>VTrans PM:</u> Transit

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CCRPC # Project Location	FY16-19 Federal Funds				Other Project Information					
	FY16 Phase	FY17 * Phase	FY18 * Phase	FY19 * Phase	Total Cost fed+state+local in 2015 Dollars	Fed. Funds Obligated Thru FY14	FY15 Fed Funds Phase	Project Use Category	Federal Funding Source	Remarks
TR046 CCTA Preventative Maintenance	\$1,438,650	\$1,481,810	\$1,526,264	\$1,572,052	Total: PE: ROW: CON:		\$1,393,407	Transit	STP Transfer 80 % Federal 0 % State 20 % Local	Pending award of funds to CCTA.
VTrans Number:										<u>VTrans PM:</u> Transit
TR054(4)-S CCTA Service - Burlington-Montpelier Inter-Regional Bus Service	\$28,500	\$29,355	\$30,236	\$31,143	Total: PE: ROW: CON:		\$57,000	Transit	CMAQ 80 % Federal 0 % State 20 % Local	Additional trip at 4 pm on Burlington-Montpelier link due to standees. Pending award of funds to CCTA. Funding is shown in year prior to service year to accommodate application review time.
Burlington-Montpelier VTrans Number:										<u>VTrans PM:</u> Transit
TR054(5)-S CCTA Service - Burlington-Montpelier Inter-Regional Bus Service	\$16,200				Total: PE: ROW: CON:		\$25,137	Transit	CMAQ 80 % Federal 0 % State 20 % Local	6:45 AM trip added due to overcrowding. Pending award of funds to CCTA.
Burlington-Montpelier VTrans Number:										<u>VTrans PM:</u> Transit
TR087 CCTA Service - Burlington-Waterbury Inter-Regional Bus Service	\$91,180	\$108,178	\$113,587	\$119,266	Total: PE: ROW: CON:			Transit	CMAQ 80 % Federal 20 % State 0 % Local	Burlington to Waterbury service to consist of 2 morning and 2 evening trips.
Burlington-Waterbury VTrans Number:										<u>VTrans PM:</u> Transit
TR085-S CCTA Service - Essex Evening	\$35,000	\$36,050	\$37,132	\$38,245	Total: PE: ROW: CON:		\$70,000	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.
Essex VTrans Number:										<u>VTrans PM:</u> Transit

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CCRPC # Project Location	FY16-19 Federal Funds				Other Project Information					
	FY16 Phase	FY17 * Phase	FY18 * Phase	FY19 * Phase	Total Cost fed+state+local in 2015 Dollars	Fed. Funds Obligated Thru FY14	FY15 Fed Funds Phase	Project Use Category	Federal Funding Source	Remarks
TR067-S CCTA Service - Hinesburg Route	\$63,400	\$67,259	\$69,277	\$71,355	Total:		\$121,910	Transit	CMAQ	Pending award of funds to CCTA. Funding is shown in year prior to service year to accommodate application review time.
Hinesburg Route					PE:				80 % Federal	
VTrans Number:					ROW:				0 % State	
					CON:				20 % Local	<u>VTrans PM:</u> Transit
TR068-S CCTA Service - Jeffersonville Commuter	\$180,000	\$86,000			Total:		\$174,440	Transit	CMAQ	Pending award of funds to CCTA.
Jeffersonville Commuter					PE:				80 % Federal	
VTrans Number:		CIRC Alternative Project			ROW:				20 % State	
					CON:				0 % Local	<u>VTrans PM:</u> Transit
TR074-S CCTA Service - Milton Route	\$165,000	\$169,950	\$175,049	\$180,300	Total:		\$330,000	Transit	CMAQ	Pending award of funds to CCTA. Funding is shown in year prior to service to accommodate application review time.
Milton					PE:				80 % Federal	
VTrans Number:					ROW:				0 % State	
					CON:				20 % Local	<u>VTrans PM:</u> Transit
TR086-S CCTA Service - Milton/Colchester to Burlington	\$28,969	\$29,838			Total:		\$28,125	Transit	CMAQ	Additional stops in Colchester on Milton route.
					PE:				80 % Federal	
VTrans Number:		CIRC Alternative Project			ROW:				20 % State	
					CON:				0 % Local	<u>VTrans PM:</u> Transit
TR077-S CCTA Service - North Avenue Increased Peak Frequencies		\$321,000	\$321,000	\$321,000	Total:			Transit	CMAQ	15-minute service. Pending award of funds to CCTA.
North Avenue					PE:				80 % Federal	
VTrans Number:					ROW:				0 % State	
					CON:				20 % Local	<u>VTrans PM:</u> Transit

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CCRPC # Project Location	FY16-19 Federal Funds				Other Project Information					
	FY16 Phase	FY17 * Phase	FY18 * Phase	FY19 * Phase	Total Cost fed+state+local in 2015 Dollars	Fed. Funds Obligated Thru FY14	FY15 Fed Funds Phase	Project Use Category	Federal Funding Source	Remarks
TR064-S CCTA Service - US2 Corridor	\$710,229	\$739,776	\$761,969	\$784,828	Total:		\$1,420,299	Transit	CMAQ	Pending award of funds to CCTA. Funding is shown in year prior to service year to accommodate application review time.
US2					PE:				80 % Federal	
VTrans Number:					ROW:				0 % State	
					CON:				20 % Local	<u>VTrans PM:</u> Transit
TR084-S CCTA Service - Williston Mid-Day	\$22,500	\$15,335			Total:		\$21,600	Transit	CMAQ	Pending award of funds to CCTA.
Williston Mid-Day					PE:				80 % Federal	
VTrans Number:		CIRC Alternative Project			ROW:				20 % State	
					CON:				0 % Local	<u>VTrans PM:</u> Transit
TR075B Paratransit Rolling Stock - ADA Sedans, Expansion			\$22,500		Total:			Transit	STP Transfer	Pending award of funds to CCTA.
					PE:				80 % Federal	
VTrans Number:					ROW:				10 % State	
					CON:				10 % Local	<u>VTrans PM:</u> Transit
TR075A Paratransit Rolling Stock - ADA Sedans, Replacement		\$24,500	\$82,500	\$84,500	Total:		\$40,000	Transit	STP Transfer	Pending award of funds to CCTA.
					PE:				80 % Federal	
VTrans Number:					ROW:				10 % State	
					CON:				10 % Local	<u>VTrans PM:</u> Transit
TR004 Paratransit Rolling Stock - ADA Vans		\$202,100	\$139,000	\$71,630	Total:		\$125,750	Transit	STP Transfer	CCTA vans for ADA service. Funding pending award of funds.
					PE:				80 % Federal	
VTrans Number:					ROW:				10 % State	
					CON:				10 % Local	<u>VTrans PM:</u> Transit

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CCRPC # Project Location	FY16-19 Federal Funds				Other Project Information					
	FY16 Phase	FY17 * Phase	FY18 * Phase	FY19 * Phase	Total Cost fed+state+local in 2015 Dollars	Fed. Funds Obligated Thru FY14	FY15 Fed Funds Phase	Project Use Category	Federal Funding Source	Remarks
TR060B Paratransit Rolling Stock - Elderly & Disabled Vans, Essex	\$65,229				Total:		\$65,000	Transit	VT. Sec. 5310	Pending award of funds to CCTA.
					PE:					
					ROW:				80 % Federal	
					CON:				10 % State	
VTrans Number:									10 % Local	<u>VTrans PM:</u> Transit
TR060A Paratransit Rolling Stock - Elderly & Disabled Vans/Mini- Vans	\$325,000	\$203,000	\$405,000	\$737,965	Total:		\$396,000	Transit	VT. Sec. 5310	Funding pending award.
					PE:					
					ROW:				80 % Federal	
					CON:				10 % State	
VTrans Number:									10 % Local	<u>VTrans PM:</u> Transit
TR080 Paratransit Scheduling Software and Hardware					Total:		\$600,000	Transit	FTA Sec. 5309	Funds awarded to VTrans. Pending award of funds to CCTA.
					PE:					
					ROW:				80 % Federal	
					CON:				20 % State	
VTrans Number:		Funds to be obligated in FY15							0 % Local	<u>VTrans PM:</u> Transit
IN001C Regional Transit Center - Downtown Burlington		\$1,000,000			Total: \$12,125,430		\$6,416,146	Intermodal	STP Transfer	Construction cost for regional transit center.
					PE: \$3,177,837					
					ROW: \$283,600				80 % Federal	
					CON: \$8,663,993				10 % State	
VTrans Number:									10 % Local	<u>VTrans PM:</u> Transit
TR082 Transit Shelters in Circ Study Area					Total: \$512,000		\$150,000	Transit	STP	Construction solar shelters with bike racks in Colchester and Essex (VT15) and 6 solar shelters with bike racks in Williston (US2 and VT2A).
					PE:					
					ROW:				80 % Federal	
					CON:				20 % State	
VTrans Number:		CIRC Alternative Project - Funds to be obligated in FY15							0 % Local	<u>VTrans PM:</u> Transit

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CCRPC # Project Location	FY16-19 Federal Funds				Other Project Information					
	FY16 Phase	FY17 * Phase	FY18 * Phase	FY19 * Phase	Total Cost fed+state+local in 2015 Dollars	Fed. Funds Obligated Thru FY14	FY15 Fed Funds Phase	Project Use Category	Federal Funding Source	Remarks
Underhill										
BP077 VT15/Underhill Flats Sidewalks	\$300,000 CON				Total: \$453,000 PE: \$67,000 ROW: \$26,000 CON: \$360,000	\$54,324	\$300,000 CON	Bike/ Pedestrian	STP 80 % Federal 10 % State 10 % Local	2013 Bike/Ped Grant (\$347,022) for construction of 2,640 feet of sidewalk along VT15 from Park St. to Dumas.
VTrans Number: STP BP13(5)					VTrans PM: Kaplan, Jon					
Williston										
BP082 Harvest Lane Sidewalk	\$164,000 CON				Total: \$255,000 PE: \$50,000 ROW: \$0 CON: \$205,000	\$52,000	\$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)					VTrans PM: Perrigo, Joel					
HC016A I-89 Exit 12 Improvements - Stage 1	\$200,000 PE				Total: \$2,000,000 PE: ROW: CON:			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 - Funding schedule to be determined VTrans PM: Upmal, Ken					
HC016B I-89 Exit 12 Improvements - Stage 2					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 VTrans PM: Upmal, Ken					

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CCRPC # Project Location	FY16-19 Federal Funds				Other Project Information					
	FY16 Phase	FY17 * Phase	FY18 * Phase	FY19 * Phase	Total Cost fed+state+local in 2015 Dollars	Fed. Funds Obligated Thru FY14	FY15 Fed Funds Phase	Project Use Category	Federal Funding Source	Remarks
HC016C I-89 Exit 12 Improvements - Stage 3					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									<u>VTrans PM:</u> Upmal, Ken
HC016D I-89 Exit 12 Improvements - Stage 4					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									<u>VTrans PM:</u> Upmal, Ken
BP072 Meadow Run to Alliance Church Path					Total: PE: ROW: CON: \$719,153	\$124,790	\$550,000 CON	Bike/ Pedestrian	STP 80 % Federal 0 % State 20 % Local	Project includes \$250,000 2013 TA grant and \$300,000 2015 TA grant.
VTrans Number: TAP TA13(3)	Funds to be obligated in FY15									<u>VTrans PM:</u> Kaplan, Jon
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									<u>VTrans PM:</u> 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									<u>VTrans PM:</u> CIRC Alternative

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CCRPC # Project Location	FY16-19 Federal Funds				Other Project Information					
	FY16 Phase	FY17 * Phase	FY18 * Phase	FY19 * Phase	Total Cost fed+state+local in 2015 Dollars	Fed. Funds Obligated Thru FY14	FY15 Fed Funds Phase	Project Use Category	Federal Funding Source	Remarks
HP010 US2/Industrial Avenue Intersection	\$608,000 ROW		\$2,044,242 CON	\$1,098,170 CON	Total: \$5,763,391 PE: \$675,000 ROW: \$1,260,000 CON: \$3,828,391	\$926,430		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					VTrans PM: Martin, Bruce					
HP109 US2/Trader Lane Traffic Signal	\$60,000 ROW	\$404,400 CON	\$817,697 CON		Total: \$1,425,000 PE: \$150,000 ROW: \$75,000 CON: \$1,200,000	\$250,000	\$60,000 ROW	Function and Performance Preservation	STP 100 % Federal 0 % State 0 % Local	CIRC Alternatives Phase II implementation project.
VTrans Number: STPG 5500(14)					CIRC Alternative Project VTrans PM: Coburn, Patti					
HP105 VT2A Paving	\$1,680,000 CON				Total: \$2,378,133 PE: \$278,133 ROW: CON: \$2,100,000	\$81,080	\$1,087,680 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.
MM 2.77 to 3.92 VTrans Number: NH 2949(1)					VTrans PM: Fowler, Mike					
BP080 VT2A Taft Corners Area Sidewalk/Shared Use Path					Total: \$450,000 PE: ROW: CON:			Bike/ Pedestrian	STP 80 % Federal 20 % State 0 % Local	CIRC Alt Phase III project. Project to fill gaps south of US2 and between Knight Ln and O'Brien Ct.
VTrans Number:					CIRC Alternative Project - Funding schedule to be determined VTrans PM: CIRC Alternative					
HP123 VT2A/Industrial Avenue/Mountain View Road Intersection Improvements					Total: \$5,300,000 PE: ROW: CON:		\$200,000 PE	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.
VTrans Number: STP 5500(17)					CIRC Alternative Project VTrans PM: Coburn, Patti					

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CCRPC # Project Location	FY16-19 Federal Funds				Other Project Information					
	FY16 Phase	FY17 * Phase	FY18 * Phase	FY19 * Phase	Total Cost fed+state+local in 2015 Dollars	Fed. Funds Obligated Thru FY14	FY15 Fed Funds Phase	Project Use Category	Federal Funding Source	Remarks
HP090 VT2A/James Brown Drive Traffic Signal		\$696,769 CON	\$1,226,545 CON		Total: \$2,639,188 PE: \$550,000 ROW: \$200,000 CON: \$1,889,188	\$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.
VTrans Number: STP HES 5500(12)		CIRC Alternative Project			VTrans PM: Coburn, Patti					
IN004A Williston Park and Ride		\$1,472,582 CON			Total: \$3,040,000 PE: \$440,000 ROW: \$1,200,000 CON: \$1,400,000	\$185,000	\$1,628,000 ROW	Intermodal	CMAQ 100 % Federal 0 % State 0 % Local	Construct replacement park and ride lot near I-89 Exit 12.
New park and ride lot south of I-89										
VTrans Number: CMG PARK(29)					VTrans PM: Bohl, Tina					
Winooski										
HP113 Winooski Circulator	\$850,000 CON				Total: \$1,050,528 PE: \$200,528 ROW: CON: \$850,000		\$300,000 CON	Function and Performance Preservation	Safety 100 % Federal 0 % State 0 % Local	\$100,000 for PE in FY13 from project OT001 Regional Safety.
VTrans Number: HES 5100(13)					VTrans PM: Coburn, Patti					

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Section 3: Summary of Financial Statistics

CCRPC FY2016-2019 TIP Funding by Project Use Category

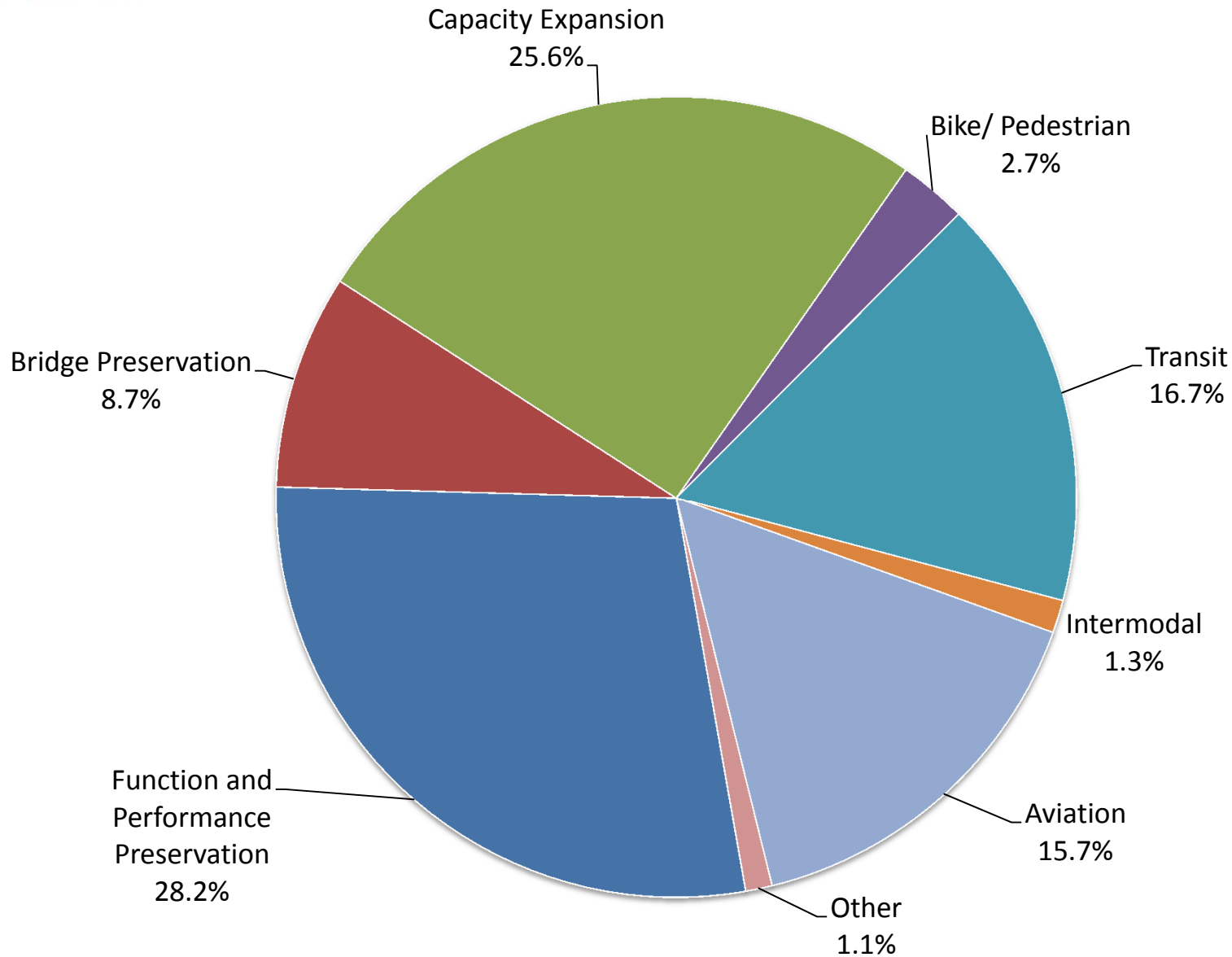
<i>Funding Uses</i>	FY16 Federal Funds	FY17 Federal Funds	FY18 Federal Funds	FY19 Federal Funds
Function and Performance Preservation	\$31,965,252	\$13,058,434	\$14,030,213	\$4,053,572
Bridge Preservation	\$8,044,600	\$9,691,697	\$400,000	\$1,216,564
Capacity Expansion	\$7,266,975	\$9,128,230	\$21,582,085	\$19,349,748
Bike/ Pedestrian	\$3,015,018	\$932,884	\$370,000	\$1,796,043
Transit	\$9,415,043	\$11,048,248	\$8,698,444	\$8,140,112
Intermodal	\$500,000	\$2,472,582		
Aviation	\$5,235,000	\$6,435,000	\$6,820,000	\$16,545,000
Other	\$600,000	\$600,000	\$600,000	\$600,000
Total	\$66,041,888	\$53,367,075	\$52,500,742	\$51,701,039

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

CCRPC FY2016-2019 TIP Funding by Federal Funding Source and Constraint Status

<i>Federal Funding Sources and Constraint Status</i>	FY16	FY17	FY18	FY19
FHWA Constrained Funds				
National Highway Preservation Program (NHPP)	\$18,675,680	\$6,748,931		
Surface Transportation Program (STP)	\$10,250,895	\$10,646,571	\$26,919,125	\$16,607,792
To Be Determined (NHPP or STP)	\$1,040,000	\$840,000	\$840,000	\$840,000
FHWA Constrained Total	\$29,966,575	\$18,235,502	\$27,759,125	\$17,447,792
FHWA Non-Constrained Funds				
National Highway Preservation Program (NHPP)	\$5,895,000	\$4,413,015		\$816,564
STP CIRC Alternatives Phase I and Phase II Projects	\$2,750,000	\$7,311,135	\$3,041,480	\$2,459,407
VTrans Bike/Ped or Transportation Alternatives Grant	\$2,347,418	\$502,224		
Local Transportation Assistance Program (LTAP)	\$16,000	\$16,000	\$16,000	\$16,000
Modificatons and Overruns (NHPP or STP)	\$500,000	\$500,000	\$500,000	\$500,000
FHWA Non-Constrained Total	\$11,508,418	\$12,742,374	\$3,557,480	\$3,791,971
FHWA Transfer to FTA				
Congestion, Mitigation, Air Quality (CMAQ)	\$1,590,978	\$3,075,323	\$1,508,250	\$1,546,137
STP Transfer	\$2,354,416	\$4,325,099	\$2,055,264	\$2,013,182
FHWA Transfer to FTA Total	\$3,945,394	\$7,400,422	\$3,563,514	\$3,559,319
Federal Earmark or Grant Funds				
SAFETEA-LU Earmark	\$5,797,600	\$2,113,369		
Regional Recreational Trails	\$70,000	\$70,000	\$70,000	\$70,000
Safety	\$3,799,252	\$250,000	\$5,595,693	\$5,706,164
Earmark or Grant Total	\$9,666,852	\$2,433,369	\$5,665,693	\$5,776,164
Federal Transit Administration (FTA) Funds				
FTA Section 5307 Formula Funds	\$2,600,000	\$2,700,000	\$2,800,000	\$2,900,000
FTA Section 5309	\$2,000,000	\$2,800,000	\$1,500,000	\$500,000
FTA Section 5339(d)(2)	\$490,000	\$170,805	\$175,929	\$181,207
FTA Section 5310 Urban Allocation	\$73,000	\$75,190	\$77,446	\$79,769
Elderly & Disabled Transportation	\$390,229	\$203,000	\$405,000	\$737,965
Transfer from FTA 5311 to FTA 5307	\$166,420	\$171,413	\$176,555	\$181,852
FTA Funds	\$5,719,649	\$6,120,408	\$5,134,930	\$4,580,793
Airport Improvement Program (AIP)	\$5,235,000	\$6,435,000	\$6,820,000	\$16,545,000
Total AIP	\$5,235,000	\$6,435,000	\$6,820,000	\$16,545,000
CCRPC TIP TOTAL	\$66,041,888	\$53,367,075	\$52,500,742	\$51,701,039

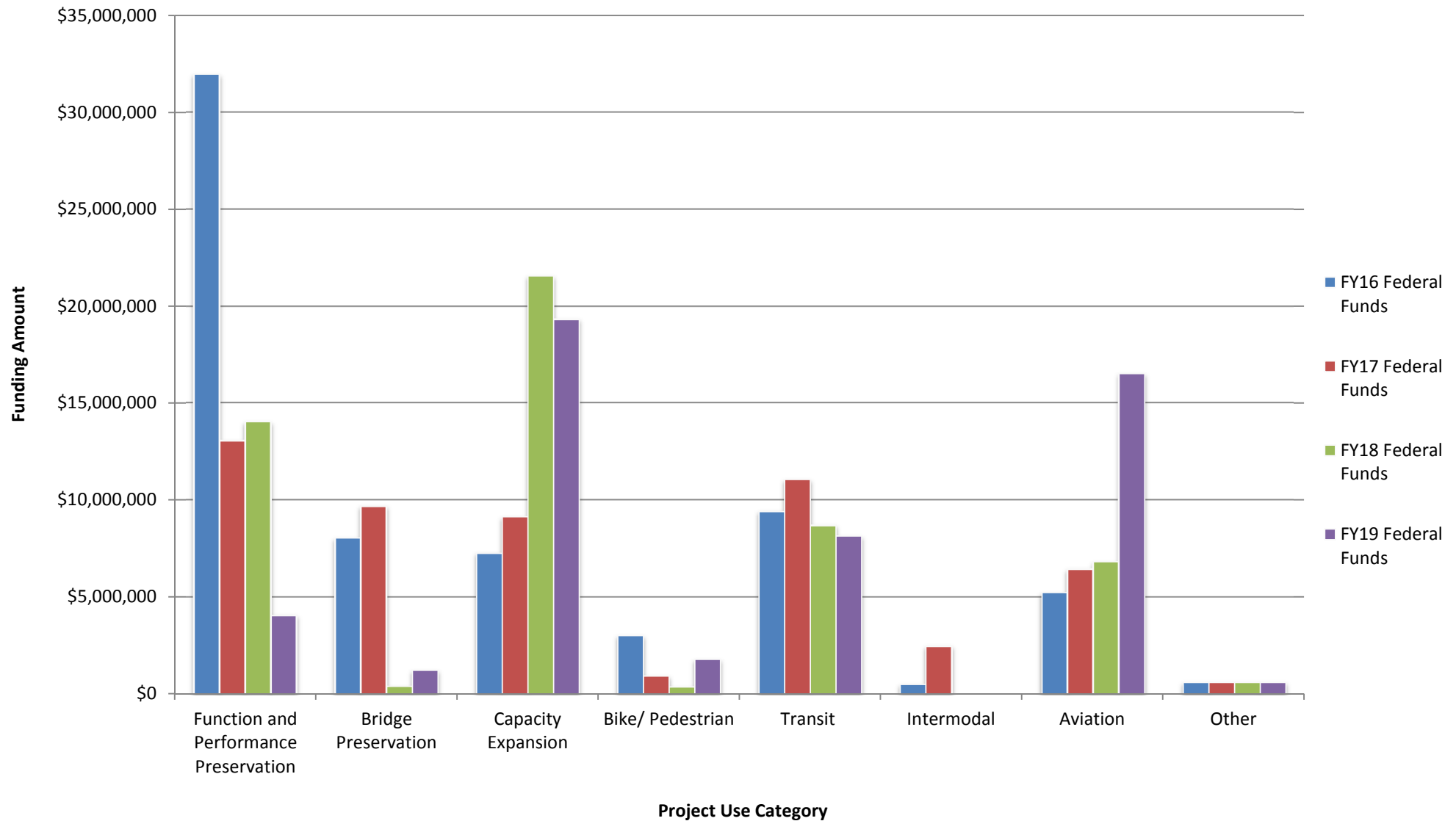
CCRPC FY2016-2019 TIP Funding by Project Use Category



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



CCRPC FY2016-2019 TIP: Funding Uses By Year



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



Federal Funds Actually Obligated in Chittenden County

FY2005 - FY2014

Funds by Project Use Category

<i>Uses</i>	FY05	FY06	FY07	FY08	FY09	FY10	FY11	FY12	FY13	FY14	Average by Use Category
Function and Performance Preservation	\$4,803,894	\$8,668,415	\$6,564,438	\$10,176,050	\$17,242,770	\$10,920,402	\$7,378,574	\$16,430,903	\$20,597,041	\$5,542,466	\$10,832,495
Bridge Preservation	\$10,593,165	\$4,733,611	\$3,592,386	\$2,538,850	\$10,994,182	\$12,560,264	\$7,700,837	\$11,348,022	\$16,406,162	\$1,552,264	\$8,201,974
Capacity Expansion	\$26,440,928	\$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	\$6,402,019
Bike/ Pedestrian	\$1,784,111	\$1,131,588	\$1,328,819	\$2,065,276	\$613,760	\$3,214,984	\$3,354,588	\$3,909,023	\$1,843,823	\$2,903,330	\$2,214,930
Transit	\$4,518,155	\$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	\$5,726,725
Intermodal	\$620,000		\$50,000	\$1,000,000	\$340,000	\$65,000	\$326,100	\$2,098,000	\$830,251	\$716,800	\$671,795
Other	\$253,059	\$213,000	\$1,228,080	\$2,516,885	\$836,816				\$150,837	\$1,543,249	\$963,132
Total	\$49,013,312	\$30,536,816	\$26,476,644	\$28,953,593	\$37,603,673	\$34,383,784	\$30,025,744	\$40,978,511	\$46,677,032	\$21,920,405	\$34,656,951

Percent of Total by Project Use Category

<i>Uses</i>	FY05	FY06	FY07	FY08	FY09	FY10	FY11	FY12	FY13	FY14	Average Percent by Use FY05-FY14
Function and Performance Preservation	9.8%	28.4%	24.8%	35.1%	45.9%	31.8%	24.6%	40.1%	44.1%	25.3%	31.3%
Bridge Preservation	21.6%	15.5%	13.6%	8.8%	29.2%	36.5%	25.6%	27.7%	35.1%	7.1%	23.7%
Capacity Expansion	53.9%	42.0%	29.8%	9.7%	3.3%	9.0%	13.8%	1.8%	0.8%	20.2%	18.5%
Bike/ Pedestrian	3.6%	3.7%	5.0%	7.1%	1.6%	9.4%	11.2%	9.5%	4.0%	13.2%	6.4%
Transit	9.2%	9.7%	22.0%	27.1%	16.9%	13.2%	23.7%	15.7%	13.8%	23.8%	16.5%
Intermodal	1.3%	0.0%	0.2%	3.5%	0.9%	0.2%	1.1%	5.1%	1.8%	3.3%	1.9%
Other	0.5%	0.7%	4.6%	8.7%	2.2%	0.0%	0.0%	0.0%	0.3%	7.0%	2.8%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

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.

APPENDIX A

PROJECT PRIORITIZATION:

The demand for transportation improvements far exceeds the funds available. Good stewardship mandates that VTrans use limited dollars to preserve and improve Vermont's transportation assets in the most efficient manner. The Agency applies asset management principles to take a long-term view of the overall transportation network, and choose activities that minimize long-term costs.

The Agency developed a quantitative project prioritization method that assigns a numeric score to competing projects. Under that strategy, greater emphasis is placed on preserving bridges, pavement, culverts and other assets. Priority scores guide VTrans and other stakeholders as to which projects to postpone and which ones to accelerate.

Project prioritization is the result of legislation in 2005 and 2006. Sec. 48 of Act 175 of the 2006 Legislative Session (19 V.S.A. paragraph 10b(c)) directs the Agency of Transportation to explain how projects are prioritized and selected for inclusion in the annual budget. In 2006, VTrans worked with the state's various Regional Planning Commissions and the Chittenden County Metropolitan Planning Organization to assign a numerical score to transportation projects based on defined criteria. The scores drive the transportation program and are an essential part of the budget process.

The legislation reads:

The agency of transportation, in developing each of the program prioritization systems schedules for all modes of transportation, shall include the following throughout the process:

The agency shall annually solicit input from each of the regional planning commissions and the Chittenden County Metropolitan Planning Organization on regional priorities within each schedule, and those inputs shall be factored into the prioritizations for each program area and shall afford the opportunity of adding new projects to the schedules.

Each year the agency shall provide in the front of the transportation program book a detailed explanation describing the factors in the prioritization system that creates each project list. (Emphasis added: This write-up satisfies that directive.)

The legislation builds on Section 53 of Act 80 of 2005 (19 V.S.A. paragraph 10g). That legislation requires the Agency to develop a numerical grading system to assign a priority rating to paving, roadway, and bridge projects. It requires the rating system to include asset management-based factors which are objective and quantifiable including:

- Safety
- Traffic volume
- Availability of alternate routes
- Future maintenance and reconstruction costs
- Priorities assigned by the regional planning commission or the MPO

The legislation also requires that the Agency consider the functional importance of the highway or bridge to the economy as well as its importance to the social and cultural life of the surrounding communities.

The Agency is prioritizing projects related to bridge, pavement, roadway, buildings, bike/pedestrian, park & ride lots, aviation, rail, and new public transit routes. Each Program Manager develops a method appropriate for the asset. Those methods take advantage of available data and technology.

The project prioritization and selection approach continues to evolve. In 2008, VTrans and the Directors of the Vermont Association of Planning and Development Agencies met several times to further improve the process. 2009 was the first year when the changes were in place. The results of the meetings are in a legislative report titled, *Project Prioritization and Addition of New Projects for the State Transportation Program*. In summary, the meetings resulted in the following:

- Increased local input in the selection of paving projects.
- Developed an approach for the regions and MPO to substitute a candidate project with a new project.
- Emphasized the importance of obtaining local input for project priorities. Although local input is not needed for Interstates and certain FHWA funded safety projects, it is an essential component of the VTrans project selection process for most other asset classes.
- Although the RPCs and MPO have flexibility in how they prioritize projects, they will, at minimum, use common criteria as specified by the Legislature.
- VTrans Program Managers will provide more information on candidate projects in order that each region has an accurate “big picture”.

A close working relationship between VTrans and the RPCs/MPO assures the success of project prioritization and selection. The changing transportation environment will necessitate further changes over time.

The priorities balance Agency asset-management principles with regional priorities. Local transportation priorities are an important factor that helps determine where a project falls on the Agency’s prioritization list. Each Regional Planning Commission (RPC) and the Metropolitan Planning Organization (MPO) rank all projects in their region in order of importance. These rankings are given “weight” within the Agency’s scoring process to reflect a region’s needs.

Prioritization factors by project type

Paving:

The Paving Section is responsible for providing the traveling public with the best highway surface condition, with the funding available, using a variety of surface treatments. The Paving Section collects information about pavement surface condition with a specially equipped van that measures several factors including rutting, cracking, and pavement roughness. These data are analyzed for the entire State Highway network to determine the optimum treatment to maximize the pavement’s life expectancy. These

factors are combined with regional priorities to develop the annual paving program. Factors for paving are:

- Pavement Condition Index (20 points)
 - Weighted based on condition; more points are assigned for higher levels of deterioration.
- Benefit/Cost (60 points)
 - The B/C is provided by the Pavement Management System, a.k.a. dTIMS. Factors include optimal treatment, traffic volume, and type of traffic (trucks).
- Regional Priority (20 points)
 - Does the regional planning commission support the project from a local land-use and economic-development perspective?

The results from these analyses are summarized for the three program funding categories/functional classifications: Interstate (90% Federal/10% State), State Highways (80/20), and Class 1 Town Highways (80/20).

Bridge:

The Asset Management and Performance Bureau inspects long bridges (greater than 20 feet) at least every two years as required by the Federal Highway Administration's National Bridge Inventory. Engineering factors from the inspection are combined with regional priorities, and other factors to produce a numeric score. Prioritization factors for bridges are:

- Bridge Condition (30 points)
 - Weighted based on condition of major inspected components (deck, superstructure, substructure, and culvert); more points assessed for higher levels of deterioration. The condition is determined at the most recent inspection.
- Remaining Life (10 points)
 - Correlates the accelerated decline in remaining life to condition.
- Functionality (5 points)
 - Compares roadway alignment and existing structure width, based on roadway classification, to accepted state standards. Too narrow or poorly aligned bridges are safety hazards and can impede traffic flow.
- Load Capacity and Use (15 points)
 - Is the structure posted or restricted? What is the inconvenience to the traveling public if the bridge is out of service? What is the average traffic use on the structure?
- Waterway Adequacy and Scour Susceptibility (10 points)

- Are there known scour issues or concerns? Is the structure restricting the natural channel? Are channel banks well protected or vegetated?
- Project Momentum (5 points)
 - Points are assigned if the project has a clear right of way, has all environmental permits, and the design is ready and waiting for funds to become available.
- Regional Input and Priority (15 points)
 - Does the regional planning commission support the project from a local land-use and economic-development perspective?
- Asset – Benefit Cost Factor (10 points)
 - This compares the benefit of keeping a bridge in service to the cost of construction. The “benefit” considers the traveling public by examining the traffic volume and the length of a detour if the bridge were posted. For example, a bridge with a high traffic count that does not have a good detour around it would get a higher benefit score.

Assigned points are summed together to yield a maximum point value of 100.

Roadway:

Roadway projects include full depth highway reconstruction, realignment, increasing highway width, adding lanes, and more. Some of these projects take years to develop due to the time required to obtain permits and to purchase right of way. VTrans is currently working to reduce the backlog of large projects within this program. Factors in Roadway prioritization are:

- Highway System (40 points)
 - This factor looks at the Highway Sufficiency Rating and the network designation. Interstates are held to the highest standard, followed by non-Interstate primary and then off-primary roads. The Highway Sufficiency Rating considers traffic, safety, width, subsurface road structure, and more.
- Cost per vehicle mile (20 points)
 - This is the project cost divided by the estimated number of miles vehicles will travel on the project. This is a relatively easy method to get a benefit/cost ratio for comparing similar projects.
- Regional Priority (20 points)
 - The top RPC Roadway project is assigned 20 points. The score is reduced for lower RPC priorities. Projects listed as priority #10 and lower get two points.
- Project Momentum (20 points)

- This factor considers where the project is in the development process and anticipated problems such as right of way or environmental permitting. Some projects are so far along that they must be completed or the Agency would have to pay back federal funds.
- Designated Downtown project
 - Per 19 V.S.A. § 10g(1)(3), VTrans awards ten bonus points to the base score for projects within a designated downtown development district established pursuant to 24 V.S.A. § 2793.

Traffic Operations (Intersection Design):

- Intersection Capacity (40 points maximum)
 - This factor is based on Level of Service (LOS) for the intersection and the number of intersections that are in the coordinated system. Projects with a lower LOS and that are part of a larger coordinated system receive higher scores for this category.
- Accident Rate (20 points maximum)
 - This factor is based on the critical-accident ratio for the intersection. Projects with higher critical-accident ratios receive higher scores for this category.
- Cost per Intersection Volume (20 points maximum)
 - This factor uses the estimated construction cost and average-annual-daily traffic through the intersection. VTrans calculates the construction cost of the project for each anticipated user through the intersection. Projects with lower costs per intersection volume receive higher scores for this category.
- Regional Input and Priority (20 points maximum)
 - This factor is based on the ranking of projects from the RPCs/MPO. The RPCs/MPO rank the projects based on criteria they develop. Projects with higher regional rankings receive higher scores for this factor.
- Project Momentum (10 points maximum)
 - This factor considers:
 - Where the project is in the development process
 - Anticipated problems such as right of way or environmental permitting
 - Funding

Transportation Alternatives Project Selection Process:

Applications are received and are then reviewed by VTrans' Local Transportation Facilities (LTF) Section to ensure that the proposed projects meet eligibility requirements. Staff also offers comments related to the overall feasibility of the proposed project and the budget.

The applications and staff comments are then provided to the Transportation Alternatives Grant Committee for scoring. The scoring is based on the following criteria. The first five criteria are used for all proposed projects. The sixth criteria varies depending on whether or not the project is considered to be a bicycle/ pedestrian activity, a community improvement activity or an environmental mitigation activity.

1. **Please give a brief description of the project (200 words or less, be sure to indicate the primary facility type being applied for).** In this section you should describe the project as concisely as possible. The application reviewer should be able to determine exactly what it is you are proposing in the first three sentences. Example #1: Construct 500 ft of 5 ft wide concrete sidewalk on the east side of Main Street beginning at Center Street and extending to Shady Lane. Example #2: Scoping/feasibility study for 400 ft of 10 ft wide bituminous shared use path on the east side of Main Street from 111 Main Street to the intersection of Center Street. The nature of a proposed project's relationship to surface transportation should be discussed.

Score	Guidance
5	The description was concise and did not exceed the 200 word limit. The scope of the project was clear. The description included the type of project (scoping vs. construction), length and width of the project (if linear), as well as the primary surface material (if linear). The project has a strong relationship to surface transportation.
3	One of elements described above was missing
0	The project scope was not readily apparent and required further review of application material to determine the basic scope of what was proposed.

2. **What is the feasibility of this project? Describe the extent of project development completed to date. Applications for scoping/feasibility studies will not be scored on this criterion.** Address any issues, including environmental concerns, property ownership issues, or design challenges. Discuss whether or not the municipality will be willing to proceed to condemnation should property acquisitions be needed. Include any pertinent excerpts from completed feasibility documentation for the project. Discuss the long-term maintenance responsibilities and costs.

Score	Guidance
10	Some project design beyond scoping has already been completed (e.g. conceptual or preliminary plans)
6	A detailed scoping study has been completed for the proposed project which did not indicate any significant project development issues.
0	A scoping study was undertaken, but either lacked detail or identified significant project development challenges that may threaten the ability

	of the sponsor to complete the project.
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3. Will this project address a need identified in a local or regional planning document?

Score	Guidance
5	Project is specifically called out in a municipal planning document such as Town Plan, Capital Program, or Bicycle/Pedestrian Plan
2	Project is consistent with the municipal or regional plan.
0	No planning documentation provided to support project.

4. Does this project benefit a Designated Downtown, Designated Village, or Designated Growth Center recognized by the Vermont Department of Economic, Housing and Community Development? A map showing the relationship between the project and the designated downtown, village or growth center should have been included as per the Project General Location section on page 1 of the Application Form. Important resource: Designated Downtown, Village and Growth Centers - http://accd.vermont.gov/strong_communities/opportunities/revitalization/downtown/list

Score	Guidance
10	All or part of proposed project is within the boundary of a designated downtown or village center
4	Proposed project leads up to, but is not within, a designated downtown or village center
0	Proposed project is not connected to a designated downtown or village center

5. Is the project budget reasonable for the size of the project? Project awards are capped at the initial amount awarded. For that reason, we recommend including a reasonable contingency in the estimate. Provide a detailed estimate of project costs according to the outline furnished in the application. Provide an explanation on how the estimate was developed such as an engineer's construction estimate, based on the VTrans Report on Share-Use Path and Sidewalk Unit Costs 2010, or other method. Discuss the project budget including the commitment of local matching funds.

Score	Guidance
10	Budget addresses all elements of project development and costs are consistent with VTrans Unit Cost Report or based on an engineer's estimate. Backup for construction costs is provided
5	Budget is incomplete or moderately high or low compared to typical project costs
0	Budget is missing major elements, contains ineligible costs and/or does not provide any backup data

6. Select the eligibility category (A, B, or C) that best fits your project and answer the corresponding questions for that category (choose only one category).

A. Bicycle and Pedestrian Facilities

(10 Bonus points will be awarded for projects that are primarily bicycle and pedestrian facilities)

- i. Will the project contribute to a system of pedestrian and/or bicycle facilities?

Score	Guidance
10	Proposed project fills in an important missing gap in an existing network of pedestrian and/or bicycle facilities.
8	Proposed project is the first of its kind in the community
5	Proposed project extends the limits of an existing network of pedestrian and/or bicycle facilities.
1	Proposed project primarily reconstructs existing facilities

- ii. Will the project provide access to likely generators of pedestrian and/or bicyclist activity?

Score	Guidance
10	Project provides direct access to one or more of the following: school, densely developed neighborhood, large employer, downtown or village center. Include approximate number students, employees, etc. for major generators. Address how the project will affect the transportation needs of young children, older adults, and persons with disabilities.
5	Project provides access to an outlying area
0	Project is in an isolated area with little or no development

- iii. Will the project address a known, documented safety concern?

Score	Guidance
10	Supporting documentation of pedestrian and/or bicycle safety problems provided: VTrans bike/ped crash data, police reports, school reports, a road safety audit report, etc.
4	General documentation of safety concerns provided
0	Anecdotal evidence or no documentation of safety concerns provided.

B. Community Improvement Activities

- (i) Explain how the project improves the economic wellbeing of the community and/or provide a benefit to State tourism? Describe how the project will enhance the economic vitality of the community, surrounding region or the State in general.

Score	Guidance
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0-10	Projects will be scored based on the potential for economic benefit to the community and/or benefit to State tourism.
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(ii) Describe the anticipated impact to the public; degree of visibility, public exposure and/or public use.

Score	Guidance
0-10	Projects will be scored based on the potential for a significant impact / benefit to the public as well as the number of people that will benefit.

(iii) Answer one of the following (a, b, c, or d), based on the type of project:

a) Construction of turnouts, overlooks, and viewing areas as related to scenic or historic sites. *To what extent will the project provide a view of a highly unique and scenic area?*

Score	Guidance
0-10	Projects will be scored based on the effectiveness of the overlook; importance and permanence of the site to be viewed. Photo documentation of the view should be included in the application.

b) Preservation or rehabilitation of historic transportation facilities.

Describe the historic significance of the historic transportation facility and the importance of the facility to the State.

Score	Guidance
0-10	Projects will be scored based on the strength of the relationship to a mode of transportation, historic significance of the site and the threat to the site if the project is not funded (urgency of the project). Please state whether the site is eligible for the National Register of Historic Places.

- c) **Archeological planning and research related to impacts from a transportation project.** *Describe the associated transportation project and benefit of the proposed activities.*

Score	Guidance
0-10	Projects will be scored based on the need/urgency of the research (no existing data available in the project area). Projects must show that the research plan is well thought out and meets federal standards. The project must be related to an impact from a transportation project eligible under United States Code of Federal Regulations Title 23 – Highways (includes road, bridge and bikeway transportation projects).

- d) **Vegetation management in transportation rights of way to improve roadway safety, prevent against invasive species, and provide erosion control.** *Describe the extent of the current problem; impact on the site and surrounding area.*

Score	Guidance
0-10	Projects will be scored based on the severity of the existing problem and the degree to which it has negatively impacted the surrounding area; Provide documentation of the existing problem.

C. Environmental Mitigation Activity

- (i) **Does the project involve implementation of an eligible environmental mitigation project under a river corridor plan that has been adopted by ANR as part of a basin plan, under a municipal plan adopted pursuant to 24 V.S.A. §4385, or under a mitigation plan adopted by the municipality and approved by the Federal Emergency Management Agency? (bonus point question)**

Score	Guidance
10	Documentation was provided that the project qualifies for these bonus points
0	No documentation was submitted to support award of these bonus points.

- (ii) **Describe the environmental threat to the site or threat to wildlife that would occur if the project is not funded; severity of the current problem.**

Score	Guidance
0-15	Projects will be scored based on the significance of the environmental threat and the severity of the current problem (urgency).

(iii) Describe how the project will mitigate the environmental impact from our transportation system described in question C. (ii) above.

Score	Guidance
0-15	Projects will be scored based on the projects link to transportation and how well the proposed mitigation measure is anticipated to address the environmental impact described in questions C.(ii) above.

The Transportation Alternatives Grant Committee members provide their scores which are then averaged. The committee meets to discuss the projects and then makes a recommendation to the VTrans Secretary for project awards.

Public Transit – The general purpose of the transit program and its funding solicitations is to continue to offer and expand public transit availability according to the current goals of VTrans and the statutory commitments from the Legislature and the Federal government. As VTrans operates public transit on a regional, coordinated basis, applications, with the exception of inter-city solicitations, are only accepted from the regional provider. All others must apply as part of their regional provider process.

General Services and Capital Requests:

Public Transit Route applications are solicited biennially through an open competitive process from all transit providers as funding is available. They are advertised statewide and on the VTrans website for solicitation. Applications are accepted from all in coordination with regional providers. Technical assistance is provided as requested. Funding match is 50% non-federal for operating, 20% non-federal for administrative and capital. No match is required for 5311f intercity services.

Applications must meet the requirements in the VTrans application packet which requires documentation of services, of ability to comply with all federal, state and local regulations, and capacity both financial, compliance and operational to successfully operate service.

New Services:

The primary purpose of the Transit New Start program is to fund transportation projects in nonattainment and maintenance areas which reduce transportation-related emissions. The Vermont Agency of Transportation (VTrans) accomplishes this through our Congestion Mitigation and Air Quality Improvement (CMAQ) program administered by the Federal Highway Administration.

Funding match is 80/20, federal and local and operations are limited to 3 years from date of service. Those services operating in 2012 are exempt from the 3 year limitation by virtue of the MAP-21 legislation.

New Public Transit Route applications are solicited yearly or as funding is available through an open competitive process from all transit providers and their affiliates.

The Program Goals are to:

- Support cost-effective investments to preserve and maintain public transportation infrastructure.

- Invest in connectivity to other regions and to other alternative modes of transportation to improve accessibility and increase ridership in Vermont.
- Support the goals and objectives of the current Public Transportation Policy Plan.
- Maintain air quality attainment in Vermont.

Applications must document the purpose of the service, the intended market and how it will relate to the program goals. Feasibility studies provide this information as well as projected ridership and budget.

Applications must meet the requirements in the VTrans application packet which requires documentation of services, of ability to comply with all federal, state and local regulations, and capacity both financial, compliance and operational to successfully operate service.

Intercity Service: Intercity applications are accepted from all potential providers every three years or as needs and funding are available and documented. They follow the same process as the General Services.

Awards: All proposals are rated based on the following measures: mobility improvements; operating efficiencies; project coordination; regional connectivity; local financial commitment; and sustainability of funding continuation. New service applications are additionally rated on environmental benefits. All applications are reviewed by a team comprised of the Regional Coordinators and the Public Transit Administrator. Regional Coordinators make recommendations to the Public Transit Administrator who makes the final decision. Final recommendations are presented to the Division Director of PPAID.

Aviation:

The Aviation Program prioritizes projects by scoring 14 airport and project factors. Safety is paramount. To maintain safety, the Federal Aviation Administration (FAA) has stringent regulations that trigger airport improvements and projects. Projects are also initiated by the aviation community and by the Agency to meet our own standards.

Airport project descriptions, costs and scoring factors are maintained in the Airport Information Management System (AIMS) data base. AIMS is updated annually when the Capital Improvement Program is negotiated with the FAA for federal funding. Projects that are accepted by the FAA are presented to the Legislature in the Aviation Program's annual budget request for the state's 10 percent matching funds.

Burlington International Airport (BTV) projects are prioritized by BTV. The state provides an amount of transportation funds equivalent to 6% of the federal eligible project costs, which are 90% federally funded. These funds do not pass through VTrans, but go directly from the Federal Aviation Administration to BTV. The 6% state match is continued in this budget.

Scoring weights for state-owned airports are:

- Airport Activity (number of operations and based aircraft) (0 to 100 points)

- Population served & local government support (0 to 24 points)
- Economic Development (0 to 40 points)
- Project Type (runway type, paving, navigation, etc.) (0 to 120 points)
- FAA Priority & Standards ranking (0 to 120 points)
- Previous Federal/State Funding (0 to 200 points)
- Cost/Benefit for Projects less than \$75,000 (100 points)
- Resource Impacts (0 to 40 points)
- Local Interest/Support (0 to 20 points)

The scores are totaled, ranked by priority, and made available to the public. The VTrans Aviation Section selects vendors to complete the projects that are funded.

Rail:

VTrans owns 305 miles of active rail line that is leased to private operators. The rail operator is responsible for maintaining the track and bed. VTrans, however, is responsible for the bridges over water and sometimes contributes towards track upgrades. To remain viable and provide increased support for Vermont's economy, most of the lines require substantial work to support higher weight limits, double-stack containers, and higher-speed passenger service. As with other assets, the needs are greater than the available funds. This necessitates hard choices among competing projects.

The Agency collaborates with the Rail Advisory Council to identify broad priorities. Prior to initiating new projects, it is necessary to assure that the current system is preserved. Preservation of the current system represents a significant challenge due to the age of the infrastructure and it is the Agency's number one rail priority. The second priority is to improve the infrastructure to a modern standard that supports the efficient movement of people and goods. Once identified, new projects are subjected to the following evaluation system for prioritization:

The following criteria are used to evaluate each project:

- General safety: Safety of the rail system is critical to evaluating projects. Safety can involve bridge condition based on inspection, rail crossings, ROW, security, etc.
- Railroad freight operations: This measures the increase in ton-miles or car-miles and economic impact.
- Railroad passenger operation: Does the project increase the efficiency of the passenger rail service or expand passenger rail service and will the improvement have the potential to increase ridership.
- Line conditions: Consideration is given if the project increases the Federal Rail Administration track condition. Does the proposed project address clearance and/or weight limitations
- Priority Route: Consideration is given if the project is on one of the rail priority routes based on the State Wide Rail Plan.
- Vermont-based activity: Consideration is given for carloads and passengers in Vermont and/or rail jobs created in Vermont.

- Economic Development : Consideration is given to projects that fit into regional economic development plans
- Documented non-state funding opportunities: Does the project have a source of funding that doesn't require a state match.
- Resource Impacts: Does the project require environmental mitigation or mitigate environmental issues.
- Regional scope: Consideration is given if the project increases competition, partners with other states, or improves intermodal connections.
- Utilization of resources: Consideration is given if the project schedule is one year or less.

Safety:

VTrans runs a Highway Safety Improvement Program (HSIP) to enhance safety on all Vermont roads. The prioritization process starts with determining high-crash locations from reported crashes, crash severity, road geometry, and anecdotal information.

The Agency scores each location and sorts the list. Agency staff closely reviews the top 50 crash locations, and determines possible improvements. A cost/benefit analysis is conducted to determine the maximum safety improvement for limited dollars. Most high-crash sites get a low-cost improvement such as signs/lines, but a few are targeted for more expensive geometric improvements based on the severity and types of crashes.

The crash analysis is for both state- and town-owned roads. HSIP projects are considered on all public highways.