

DRAFT STATEWIDE
TRANSPORTATION
IMPROVEMENT
PROGRAM
(STIP)



FOR
FEDERAL FISCAL YEARS
2017 - 2020

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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**

PROGRAM	FUNDING CATEGORY	PHASE	FFY2017	FFY 2018	FFY 2019	FFY 2020
FHWA LIMITATION			\$ 205,000,000	\$ 210,000,000	\$ 215,000,000	\$ 220,000,000
<u>VTrans Core Programs</u>						
<u>Finance and Administration</u>						
Administration work program	STP	PE	\$ 318,324	\$ 326,282	\$ 334,439	\$ 342,800
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	\$ 4,314,357	\$ 4,422,216	\$ 4,532,772	\$ 4,646,091
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	\$ 28,528	\$ 29,241	\$ 29,972	\$ 30,722
Public Transit STP/CMAQ Transfer	STP/CMAQ	ALL	\$ 12,491,985	\$ 12,866,745	\$ 13,252,747	\$ 13,650,330
<u>Highway Division</u>						
Project Development Work Program	STP	PE	\$ 1,640,284	\$ 1,681,291	\$ 1,723,323	\$ 1,766,406
TAMP(2)	STP	Other	\$ 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	\$ 200,000	\$ 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	\$ 2,300,000	\$ 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	\$ 1,542,466	\$ 1,581,028	\$ 1,620,553	\$ 1,661,067
CRASH Program	STP/SPR	PE	\$ 431,691	\$ 442,484	\$ 453,546	\$ 464,884
<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>			\$ 5,179,543	\$ 3,413,409	\$ 3,414,127	\$ 3,414,128
<u>TOTAL FROM ABOVE CORE ACTIVITIES</u>			\$ 37,330,179	\$ 34,845,696	\$ 34,644,480	\$ 35,259,428
PL Program in MPO Area	MPO PL		\$ 2,023,978	\$ 2,023,980	\$ 2,023,980	\$ 2,023,982
Projects in MPO Area (TIP)	STP/NHPP		\$ 49,926,119	\$ 28,860,423	\$ 29,297,119	\$ 29,916,057
<u>MPO Total Federal Funds</u>			\$ 51,950,097	\$ 30,884,403	\$ 31,321,099	\$ 31,940,039
<u>Balance Remaining for Other Activities</u>			\$ 115,719,724	\$ 144,269,901	\$ 149,034,421	\$ 152,800,533

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

PROGRAM	FUNDING CATEGORY		FFY 2017	FFY 2018	FFY 2019	FFY 2020
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	\$ 10,000,000	\$ 10,000,000	\$ 10,000,000	\$ 10,000,000
Statewide Culvert Replac/Rehab	STP/NHPP	ALL	\$ 4,000,000	\$ 4,000,000	\$ 4,000,000	\$ 4,000,000
Interstate Bridge Projects	STP/NHPP	ALL	\$ 6,450,000	\$ 14,827,310	\$ 19,643,416	\$ 18,070,500
Interstate Bridge Earmark Projects	Other	ALL	\$ 500,000	\$ 1,840,000		
State Bridge Projects	STP/NHPP	ALL	\$ 7,078,017	\$ 15,186,761	\$ 32,195,874	\$ 28,484,429
Town Highway Bridge Projects	STP/NHPP	ALL	\$ 5,714,393	\$ 4,937,978	\$ 8,738,560	\$ 9,964,276
Roadway						
Statewide Small Culvert	STP/NHPP	ALL	\$ 3,000,000	\$ 3,000,000	\$ 3,000,000	\$ 3,000,000
Statewide Slope/Ledge/Retaining	STP/NHPP	ALL	\$ 3,000,000	\$ 3,000,000	\$ 3,000,000	\$ 3,000,000
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	\$ 2,842,224	\$ 18,286,104	\$ 13,090,134	\$ 18,020,150
Roadway Earmark Projects	Other	ALL		\$ 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	\$ 4,301,680	\$ 752,875	\$ 2,223,697	\$ 3,479,393
Section 164 Penalty Funds	Sec 164	ALL	\$ 4,000,000	\$ 4,000,000	\$ 4,000,000	\$ 4,000,000
Paving						
Statewide Preventive Maint. Crack/Rut Fill/Surf	NHPP/STP	PE/CON	\$ 15,000,000	\$ 15,000,000	\$ 15,000,000	\$ 15,000,000
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	\$ 41,388,410	\$ 42,013,873	\$ 23,197,740	\$ 25,956,785
Rail						
Rail/Highway Crossing Projects	RAILCROSSING	ALL	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000
Western Corridor TIGER VII Grant		ALL		\$ 320,000	\$ 2,000,000	\$ 880,000
Western Corridor allocated funds		ALL	\$ 2,763,000			
VTrans Program Totals			\$ 115,719,724	\$ 144,269,901	\$ 149,034,421	\$ 152,800,533
Balance			\$0	\$0	\$0	\$0

Summary of FTA Fund Usage

	Fund Source	Available Funds remaining from previous years	FFY 2017 Anticipated Available	FFY 2017 Programmed In STIP	FFY 2018 Anticipated Available	FFY 2018 Programmed In STIP	FFY 2019 Anticipated Available	FFY 2019 Programmed In STIP	FFY 2020 Anticipated Available	FFY 2020 Programmed In STIP
Federal Transit Administration										
Section 5305 (d) Metropolitan Planning Program										
	FFY16	\$ 423,462	\$ 440,571	\$ 440,571	\$ 453,788	\$ 453,788	\$ 467,402	\$ 467,402	\$ 481,424	\$ 481,424
Section 5305 (e) Intercity and Statewide Planning		\$ 73,804								
		\$ 114,547								
	FFY16	\$ 110,568	\$ 113,885	\$ 113,885	\$ 117,302	\$ 117,302	\$ 120,821	\$ 120,821	\$ 124,445	\$ 124,445
Section 5307 Urban Operating		\$ -	\$ 2,600,000	\$ 2,600,000	\$ 2,700,000	\$ 2,700,000	\$ 2,800,000	\$ 2,800,000	\$ 2,900,000	\$ 2,900,000
Section 5310 Elderly and Persons with Disability Program										
	FFY16 urban	\$ 155,115	\$ 170,031	\$ 170,031	\$ 175,132	\$ 175,132	\$ 180,386	\$ 180,386	\$ 185,798	\$ 185,798
	FFY16 rural	\$ 352,104	\$ 325,525	\$ 325,525	\$ 335,291	\$ 335,291	\$ 345,350	\$ 345,350	\$ 355,710	\$ 355,710
Section 5311/5340 Non Urbanized Area Formula Program										
	FTA program funds									
	Total	\$ 4,334,428	\$ 3,858,645	\$ 3,858,645	\$ 3,974,405	\$ 3,974,405	\$ 4,093,637	\$ 4,093,637	\$ 4,216,446	\$ 4,216,446
	FHWA Flex									
	Total	\$ 11,187,474	\$ 12,491,985	\$ 12,491,985	\$ 12,866,745	\$ 12,866,745	\$ 13,252,747	\$ 13,252,747	\$ 13,650,330	\$ 13,650,330
Section 5339 Bus and Bus Facilities-rural/urban										
	rural FFY16	\$ 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 FFY16	\$ 161,067	\$ 165,000	\$ 165,000	\$ 165,000	\$ 165,000	\$ 165,000	\$ 165,000	\$ 165,000	\$ 165,000

Transportation Fund Revenue FY 2014-2017 (State Fiscal Year/State Dollars)

	<u>FY2014</u>	<u>FY2015</u>	<u>FY2016</u>	<u>FY2017</u>
Total Transportation Fund (Revenues from Gas Tax, Diesel Tax, Motor vehicle fees, purchase and use tax and other revenue).	\$284.0 million	\$293.8 million	\$298.0 million	\$312.6 million
Transportation Fund after Legislative out-transfers (Transfers including education fund and other out transfers)	\$253.4 million	\$261.4 million	\$264.6 million	\$277.7 million
Funding available to VTrans (after JTOC* funding is removed). Detail of funding appropriations can be seen on the next page.	\$218.7 million	\$229.9 million	\$235.3 million	\$249.1 million
* JTOC - Joint Transportation Oversight Committee				
Transportation Infrastructure Bond Fund	\$21.0 million	\$20.2 million	\$14.6 million	\$14.7 million

	A	B	C	D	E	G	I	K
1		AGENCY OF TRANSPORTATION FY17 As Passed						
2								
3					LOCAL/ OTHER	INTERDEPT TRANSFERS	TIB FUNDS	INTERNAL SERVICE
4		TOTAL	STATE	FEDERAL				
5								
8	DEPT. OF MOTOR VEHICLES	28,910,055	27,416,335	1,388,720		105,000		
9								
10	FINANCE & ADMINISTRATION	14,206,799	13,262,499	944,300				
11								
12	PROGRAM DEVELOPMENT							
13	Paving	111,084,559	18,669,462	90,354,527			2,060,570	
14	Interstate Bridge	52,785,722	1,778,899	47,993,905			3,012,918	
15	State Highway Bridge	32,251,548	3,621,553	26,227,681			2,402,314	
16	Roadway	31,143,236	1,661,848	27,529,975	975,666		975,747	
17	Traffic & Safety	17,369,262	278,478	17,090,784				
18	Park & Ride	2,600,734	250,000	2,350,734				
19	Bike & Pedestrian Facilities	10,052,116	1,136,627	8,915,489				
20	Transportation Alternatives	4,575,758		4,575,758				
21	Multi-Modal Facilities	3,012,373		3,012,373				
22	Program Development Administration	24,624,638	14,024,638	10,600,000				
23	Total Program Development	283,527,081	40,313,136	233,872,934	975,666	0	8,365,345	
24								
27	REST AREAS	550,000	60,000	490,000				
28								
29	POLICY & PLANNING	9,987,158	2,576,853	7,396,305		14,000		
30								
31	MAINTENANCE	91,556,769	86,728,962	4,727,807		100,000		
32								
33	PUBLIC TRANSIT PROGRAM	31,173,698	7,928,915	23,244,783				
34								
35	AVIATION	20,035,048	5,776,348	14,123,500	135,200			
36								
37	RAIL	33,881,604	18,665,089	12,679,249		54,566	2,482,700	
38								
39	CENTRAL GARAGE	19,731,787						19,731,787
40								
41	TRANSPORTATION BUILDINGS	2,000,000	2,000,000					
42	Total "VTrans" Programs	535,559,999	204,728,137	298,867,598	1,110,866	273,566	10,848,045	19,731,787
43								
44	TOWN HIGHWAY BRIDGES	20,021,730	1,232,953	16,162,896	1,204,550		1,421,331	
45								
46	TH STRUCTURES	6,333,500	6,333,500					
47								
48	TH CLASS 2 ROADWAY PROGRAM	7,648,750	7,648,750					
49								
50	TH - NONFEDERAL DISASTERS	1,150,000	1,150,000					
51								
52	TH - FEDERAL DISASTERS	1,280,000		1,280,000				
53								
54	TH AID PROGRAM	25,982,744	25,982,744					
55								
56	TH CLASS 1 SUPPLEMENTAL GRANTS	128,750	128,750					
57								
58	TH VERMONT LOCAL ROADS	394,700	239,700	155,000				
59								
60	MUNICIPAL MITIGATION GRANT PROGRAM	2,905,000	1,240,000	200,000	1,465,000			
61								
62	TH PUBLIC ASSISTANCE GRANTS	10,940,000	160,000	10,000,000	300,000	480,000		
63	Total "Town Highway" Programs	76,785,174	44,116,397	27,797,896	2,969,550	480,000	1,421,331	
64								
65	TRANSPORTATION BOARD	229,245	229,245					
66								
67	TOTAL PROGRAMS	612,574,418	249,073,779	326,665,494	4,080,416	753,566	12,269,376	19,731,787
68								
69	Bridge Summary:							
70	State Highway Bridge	32,251,548	3,621,553	26,227,681	0	0	2,402,314	0
71	Interstate Bridge	52,785,722	1,778,899	47,993,905	0	0	3,012,918	0
72	Town Highway Bridge	20,021,730	1,232,953	16,162,896	1,204,550	0	1,421,331	0
73	Bridge Total	105,059,000	6,633,405	90,384,482	1,204,550	0	6,836,563	0

	A	B	C	D	E	F	G	I	J	K
1		AGENCY OF TRANSPORTATION								
2		FY16 As Passed (H.488/H.490)								
3										
4		TOTAL	STATE	FEDERAL	LOCAL/ OTHER	NHTSA	INTERDEPT TRANSFERS	TIB FUNDS	TIB BONDS	INTERNAL SERVICE
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							
<u>PROGRAM DEVELOPMENT</u>										
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	
<u>REST AREAS</u>	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
<u>TOWN HIGHWAY BRIDGES</u>	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

Vermont Agency of Transportation
2017 - 2020 Statewide Transportation Improvement Program (STIP)

Project Location	FY17	FY18	FY19	FY20	Total Cost Fed+State+Local
Interstate Bridges					
DERBY IM 091-3(49) VTrans # 12A274 ALT-5		Const: \$200,000	Const: \$2,543,416		Total: \$3,429,270 Const: \$3,429,270
Description: DECK REHABILITATION AND PREVENTIVE MAINTENANCE ACTIONS ON BRIDGE NO. 1 ON THE US5 CONNECTOR IN DERBY LINE (CASWELL)					
HARTLAND IM 091-1(68) VTrans # 13A094 I-91N	PE: \$450,000				Total: \$500,000 PE: \$500,000
Description: SCOPING TO EVALUATE ALTERNATIVES FOR BR37 ON I-91 IN HARTLAND, TH41 OVER I-91.					
LEBANON-HARTFORD IM A001(154) VTrans # 11A224 I-89N			Const: \$100,000	Const: \$3,000,000	Total: \$3,444,444 Const: \$3,444,444
Description: REHABILITATION AND WIDENING OF I-89 BRIDGES SHARED WITH NEW HAMPSHIRE, OVER THE CONNECTICUT RIVER. NH BRIDGE NUMBERS					
MIDDLESEX IM 089-2(41) VTrans # 07A052 I-89N	Const: \$5,000,000	Const: \$4,947,310			Total: \$11,052,567 Const: \$11,052,566
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: \$9,680,000	Const: \$17,000,000	Const: \$14,970,500	Total: \$47,389,444 Const: \$47,389,444
Description: REPLACEMENT OF BRIDGE NOS. 24 N&S ON I-91 IN ROCKINGHAM, OVER THE GREEN MOUNTAIN RAILROAD AND THE WILLIAMS RIVER.					
WESTMINSTER IM 091-1(70) VTrans # 13A098 Mai-0126				Const: \$100,000	Total: \$111,111 Const: \$111,111
Description: REPLACE DECK AND BEARINGS ON BR21 N&S ON I-91 IN WESTMINSTER, OVER TH1 ("VT121").					
Totals for Interstate Bridges	PE: \$450,000 Const: \$6,000,000	Const: \$14,827,310	Const: \$19,643,416	Const: \$18,070,500	Total: \$65,926,837 PE: \$500,000 Const: \$65,426,837

Vermont Agency of Transportation
2017 - 2020 Statewide Transportation Improvement Program (STIP)

Project Location	FY17	FY18	FY19	FY20	Total Cost Fed+State+Local
Paving					
BARRE CITY STP 2961(1) VTrans # 15V034 VT-14	Const: \$2,455,586				Total: \$3,028,597 Const: \$3,028,596
Description: RESURFACE THE CLASS I PORTION OF VT 14 IN BARRE CITY, BEGINNING AT THE BARRE TOWN/BARRE CITY LIMIT AND EXTENDING					
BARRE CITY NH 2961(2) VTrans # 15V035 US-302	Const: \$2,664,873				Total: \$3,286,721 Const: \$3,286,720
Description: RESURFACE THE CLASS I PORTION OF US 302 IN BARRE CITY, BEGINNING AT THE BERLIN TOWN LINE AND EXTENDING EASTERLY 3.359					
BENNINGTON NH 2966(1) VTrans # 16V095 US-7		Const: \$500,000	Const: \$3,229,680		Total: \$4,600,000 Const: \$4,600,000
Description: Resurfacing Class I portions of US7 and VT9 in Bennington.					
BENNINGTON STP 2973(1) VTrans # 16V108 VT-67		Const: \$300,000	Const: \$1,098,630		Total: \$1,725,000 Const: \$1,725,000
Description: Class 1 paving in Bennington along VT 67 from MM 0.188 to MM 0.664 and along VT 67A from MM 2.157 to MM 3.348.					
BETHEL-RANDOLPH STP 2921(1) VTrans # 10C244 VT-12	Const: \$885,195				Total: \$1,091,755 Const: \$1,091,755
Description: RESURFACE VT12 IN BETHEL AND RANDOLPH, BEGINNING APPROX. 0.96 MILE NORTH OF THE VT107 INTERSECTION AND EXTENDING					
BRANDON-GOSHEN ER STP 0162(22) VTrans # 14C048 VT-73	Const: \$7,569,923				Total: \$9,336,363 Const: \$9,336,363
Description: REHABILITATION/IMPROVEMENTS TO VT73 IN BRANDON AND GOSHEN, BEGINNING 0.669 MILE EAST OF US7 EXTENDING EASTERLY 7.477					
CAVENDISH-WEATHERSFIELD ER STP 0146(14) VTrans # 12C226 VT-131				Const: \$2,500,000	Total: \$3,083,374 Const: \$3,083,374
Description: REHABILITATION OF VT131 IN CAVENDISH AND WEATHERSFIELD, BEGINNING AT THE VT103 INTERSECTION AND EXTENDING EASTERLY 8.974					
ENOSBURG-RICHFORD STP 2969(1) VTrans # 16V104 VT-105		Const: \$500,000	Const: \$3,112,925		Total: \$4,456,000 Const: \$4,456,000
Description: Resurfacing along Route 105 starting in Enosburg from MM 1.501 and continuing to Richford MM 1.546.					
FAIR HAVEN STP PC19(2) VTrans # 16V123 VT-22A				Const: \$699,315	Total: \$862,500 Const: \$862,500
Description: Class 1 paving along VT 22A in Fair Haven from MM 1.525 to MM 2.234.					
HARDWICK-DANVILLE STP 2122(1) VTrans # 98B176 VT-15	Const: \$4,662,100				Total: \$5,750,000 Const: \$5,750,000
Description: PROJECT IS FOR RESURFACING VT15 IN HARDWICK, WALDEN AND DANVILLE, BEGINNING APPROX. 0.32 MILE EAST OF THE VT14 SOUTH					
JAMAICA-WINHALL STP 2904(1) VTrans # 09B360 VT-30		Const: \$9,735,979			Total: \$12,007,867 Const: \$12,007,867
Description: RESURFACE VT30 IN JAMAICA AND WINHALL, BEGINNING AT THE VT100 INTERSECTION AND EXTENDING NORTHERLY 8.988 MILES TO THE					

Vermont Agency of Transportation

Project Location	FY17	FY18	FY19	FY20	Total Cost Fed+State+Local
JOHNSON-MORRISTOWN STP 2919(1) VTrans # 10B240 VT-15				Const: \$1,500,000	Total: \$1,850,025 Const: \$1,850,024
Description: RESURFACE VT15 IN JOHNSON, HYDE PARK AND MORRISTOWN, BEGINNING AT THE VT100C INTERSECTION IN JOHNSON AND EXTENDING					
KILLINGTON-STOCKBRIDGE ER STP 022-1(25) VTrans # 12B234 VT-100				Const: \$178,391	Total: \$986,680 Const: \$986,679
Description: REHABILITATION OF VT100 IN KILLINGTON, PITTSFIELD AND STOCKBRIDGE, BEGINNING AT THE US4 INTERSECTION AND EXTENDING					
LONDONDERRY-CHESTER STP PS19(10) VTrans # 16V121 VT-11				Const: \$1,000,000	Total: \$1,233,350 Const: \$1,233,349
Description: Reclamation of VT 11 starting in Londonderry at MM 2.167 and continuing to Chester MM 4.373.					
MANCHESTER STP 2970(1) VTrans # 16V110 VT-7A		Const: \$5,594,520			Total: \$6,900,000 Const: \$6,900,000
Description: Class 1 resurfacing in Manchester on VT 11 from MM 0.0 to MM 1.259, on VT 30 from MM 0.00 to MM 0.305 and on VT 7A from MM 2.409 to MM 7.435.					
MANCHESTER-DORSET STP PS19(9) VTrans # 16V120 VT-30				Const: \$500,000	Total: \$616,675 Const: \$616,674
Description: Resurfacing of VT 30 starting in Manchester at MM 0.305 and continuing to Dorset MM 5.225.					
MANCHESTER-PERU STP 2708(1) VTrans # 07B170 VT-11			Const: \$1,600,000	Const: \$6,000,000	Total: \$9,373,458 Const: \$9,373,458
Description: RESURFACE VT11 IN MANCHESTER, WINHALL AND PERU, BEGINNING 1.259 MILES EAST OF THE VT7A INTERSECTION AND EXTENDING					
MIDDLEBURY-STARKSBORO STP 2953(1) VTrans # 14V227 VT-116		Const: \$600,000	Const: \$5,383,328		Total: \$7,379,536 Const: \$7,379,536
Description: RESURFACE VT 116 IN MIDDLEBURY, BRISTOL, AND STARKSBORO, BEGINNING AT THE US 7/ VT 116 INTERSECTION AND EXTENDING					
MONTPELIER STP 2950(1) VTrans # 12D392 BUS-2	Const: \$4,298,456				Total: \$5,301,500 Const: \$5,301,500
Description: RESURFACE CLASS I ROUTES IN MONTPELIER: VT12, BEGINNING AT THE BERLIN T/L EXTENDING NORTHERLY 4.430 MILES TO THE MIDDLESEX					
MORRISTOWN STP 2920(1) VTrans # 10C242 VT-15A				Const: \$681,072	Total: \$840,000 Const: \$839,999
Description: RESURFACE VT15A IN MORRISTOWN, BEGINNING 0.36 MILE EAST OF THE VT12 INTERSECTION AND EXTENDING EASTERLY 1.464 MILES TO					
MORRISTOWN STP PC19(3) VTrans # 16V124 VT-100			Const: \$1,000,000	Const: \$1,424,292	Total: \$2,990,000 Const: \$2,990,000
Description: Class 1 paving in Morristown along VT 100 from MM 4.851 to MM 6.188, VT 12 from MM 2.181 to MM 3.307 and along VT 15A from MM 0.0 to MM 0.36					
NORTHFIELD-WILLIAMSTOWN STP 2959(1) VTrans # 15V022 VT-64	Const: \$1,979,498				Total: \$2,441,414 Const: \$2,441,414
Description: RESURFACE VT 64 IN NORTHFIELD AND WILLIAMSTOWN, BEGINNING AT THE INTERSECTION OF VT 12 IN NORTHFIELD (MM 0.000) AND					

Vermont Agency of Transportation

Project Location	FY17	FY18	FY19	FY20	Total Cost Fed+State+Local
PITTSFORD STP 2968(1) VTrans # 16V103 VT-3				Const: \$802,813	Total: \$990,149 Const: \$990,149
Description: Resurfacing of VT 3 in Pittsford from MM 0.00 to MM 2.850 (US7 jct.).					
PLAINFIELD-DANVILLE NH PS19(1) VTrans # 16V113 US-2				Const: \$1,500,000	Total: \$1,850,025 Const: \$1,850,024
Description: Resurfacing along US 2 from Plainfield MM 0.987 to Danville MM 1.755.					
POULTNEY STP PC19(4) VTrans # 16V125 VT-30			Const: \$100,000	Const: \$925,662	Total: \$1,265,000 Const: \$1,265,000
Description: Class 1 paving in Poultney along VT 30 from MM 4.193 to MM 4.885 and along VT 31 from MM 3.201 to MM 3.779.					
RICHFORD STP 2916(1) VTrans # 10C234 VT-105A		Const: \$510,520			Total: \$629,650 Const: \$629,649
Description: RESURFACE VT105A IN RICHFORD, BEGINNING AT THE VT105 INTERSECTION AND EXTENDING NORTHERLY 1.799 MILES TO THE CANADIAN					
RICHFORD-JAY STP 2914(1) VTrans # 10B230 VT-105				Const: \$500,000	Total: \$616,675 Const: \$616,674
Description: RESURFACE VT105 IN RICHFORD AND JAY, BEGINNING 2.529 MILES EAST OF THE BERKSHIRE-RICHFORD TOWN LINE AND EXTENDING					
ROCHESTER ER STP 0162(21) VTrans # 13C176 VT-73	Const: \$9,240,299				Total: \$11,192,223 Const: \$11,192,222
Description: REHABILITATION/IMPROVEMENTS TO VT73 IN ROCHESTER, BEGINNING AT THE GOSHEN/ROCHESTER TOWN LINE AND EXTENDING EASTERLY					
ROCKINGHAM-SPRINGFIELD STP 2962(1) VTrans # 15V037 US-5	Const: \$3,572,477	Const: \$1,172,300			Total: \$5,851,970 Const: \$5,851,969
Description: RESURFACE US 5 IN ROCKINGHAM AND SPRINGFIELD BEGINNING AT THE CLASS ONE LIMIT IN ROCKINGHAM (MM 1.493) AND EXTENDING					
ROXBURY-NORTHFIELD ER STP 0187(13) VTrans # 13C184 VT-12A	Const: \$1,500,000	Const: \$6,093,977			Total: \$9,366,030 Const: \$9,366,029
Description: IMPROVEMENTS TO VT12A IN ROXBURY AND NORTHFIELD, BEGINNING 0.674 MILES NORTH OF THE GRANVILLE-ROXBURY TOWN LINE AND					
ROYALTON-TUNBRIDGE STP 2967(1) VTrans # 16V102 VT-110			Const: \$100,000	Const: \$1,155,118	Total: \$1,548,000 Const: \$1,547,999
Description: Resurfacing of VT 110 from MM 0.00 (VT14 jct.) in Royalton to MM 0.260 in Tunbridge.					
RUTLAND-KILLINGTON ER NH 020-2(36) VTrans # 13B190 US-4	Const: \$1,000,000	Const: \$5,426,678			Total: \$7,651,718 Const: \$7,651,718
Description: RESURFACE US4 IN RUTLAND, MENDON AND KILLINGTON, BEGINNING AT THE RUTLAND CITY/TOWN LINE AND EXTENDING EASTERLY 14.72					
RUTLAND-PITTSFORD NH 2963(1) VTrans # 16V099 US-7			Const: \$500,000	Const: \$2,190,234	Total: \$3,318,000 Const: \$3,317,999
Description: Resurfacing of US 7 from Rutland Town MM 1.77 to Pittsford MM 2.746.					

Vermont Agency of Transportation

Project Location	FY17	FY18	FY19	FY20	Total Cost Fed+State+Local
SPRINGFIELD STP PS19(5) VTrans # 16V117 VT-106				Const: \$200,000	Total: \$246,670 Const: \$246,669
Description: Resurfacing on VT 106 in Springfield from MM 0.058 to MM 3.283.					
ST. ALBANS CITY STP 2957(1) VTrans # 14V254 US-7	Const: \$1,400,000	Const: \$2,027,399			Total: \$4,227,182 Const: \$4,227,181
Description: RESURFACE VARIOUS CLASS I ROUTES IN ST. ALBANS CITY: US 7 MM 0.000 (ST. ALBANS TOWN/ST. ALBANS CITY LIMIT) EXTENDING					
ST. ALBANS-SHELDON STP 2941() VTrans # 11B324 VT-105				Const: \$500,000	Total: \$616,675 Const: \$616,674
Description: RESURFACE VT105 IN ST. ALBANS, SWANTON AND SHELDON, BEGINNING 0.023 MILE EAST OF THE ST. ALBANS CITY LINE AND EXTENDING					
ST. JOHNSBURY-LYNDON STP 2936(2) VTrans # 15V018		Const: \$1,552,500			Total: \$1,725,000 Const: \$1,725,000
Description: UPGRADE RAIL/HIGHWAY CROSSING ACTIVE WARNING SYSTEMS IN ST. JOHNSBURY AND LYNDON: ST JOHNSBURY: 850-935M, 850-938H, AND					
STOWE STP PC19(5) VTrans # 16V126 VT-100			Const: \$100,000	Const: \$1,199,887	Total: \$1,603,215 Const: \$1,603,215
Description: Class 1 paving in Stowe on VT 100 from MM 2.945 to MM 3.987 and on VT 108 from MM 0.00 to MM 0.507.					
STOWE-MORRISTOWN STP PS19(3) VTrans # 16V115 VT-100				Const: \$1,000,000	Total: \$1,233,350 Const: \$1,233,349
Description: Reclamation of VT 100 from Stowe MM 3.987 to Morristown MM 4.872.					
WATERBURY-STOWE STP 2945(1) VTrans # 11B342 VT-100	Const: \$160,000	Const: \$8,000,000	Const: \$5,388,063		Total: \$16,709,500 Const: \$16,709,500
Description: RESURFACE VT100 IN WATERBURY AND STOWE, BEGINNING AT THE US2 INTERSECTION AND EXTENDING NORTHERLY 9.688 MILES.					
WEST RUTLAND STP PC19(6) VTrans # 16V127 VT-133			Const: \$1,585,114		Total: \$1,955,000 Const: \$1,955,000
Description: Class 1 paving in West Rutland on VT 133 from MM 0.710 to MM 1.722 and on VT 4A from MM 1.782 to MM 2.657.					
WILMINGTON-BRATTLEBORO NH 2971(1) VTrans # 16V105 VT-9				Const: \$500,000	Total: \$616,675 Const: \$616,674
Description: Resurfacing along VT 9 from Wilmington MM 7.077 to Brattleboro MM 4.178.					
WILMINGTON-STRATTON STP PS19(7) VTrans # 16V096 VT-100				Const: \$1,000,000	Total: \$1,233,350 Const: \$1,233,349
Description: Resurfacing VT 100 beginning in Wilmington at MM 2.469 through Dover, ending in Stratton at MM 1.337.					
Totals for Paving	Const: \$41,388,410	Const: \$42,013,873	Const: \$23,197,740	Const: \$25,956,785	Total: \$163,586,870 Const: \$163,586,870

Vermont Agency of Transportation
2017 - 2020 Statewide Transportation Improvement Program (STIP)

Project Location

	FY17	FY18	FY19	FY20	Total Cost Fed+State+Local
Roadway Projects					
BARRE CITY-BARRE TOWN MEGC M 6000(11) VTrans # 83D106 Min-6024			ROW: \$1,140,000		Total: \$1,200,000 ROW: \$1,200,000
	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: \$7,283,530	Const: \$6,837,888		Total: \$18,033,322 Const: \$18,033,322
	Description: RECONSTRUCTION OF THE CLASS I SECTION OF US7 IN BRANDON, BEGINNING AT THE CLASS I LIMIT AND EXTENDING NORTHERLY 1.853				
CABOT-DANVILLE FEGC F 028-3(26)C/2 VTrans # 78D347 US-2		Const: \$9,066,078			Total: \$9,543,240 Const: \$9,543,240
	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			ROW: \$332,500		Total: \$350,000 ROW: \$350,000
	Description: RECONSTRUCTION OF US2 IN CABOT AND DANVILLE, BEGINNING 5.29 MILES EAST OF THE MARSHFIELD-CABOT T/L AND EXTENDING				
LYNDON STP 0113(65) VTrans # 10C176 US-5				ROW: \$810,800	Total: \$1,000,000 ROW: \$999,999
	Description: RECONSTRUCTION OF US5 IN LYNDON, BEGINNING 1.87 MILES NORTH OF THE ST. JOHNSBURY TOWN LINE AND EXTENDING NORTHERLY				
LYNDON STPG SGNL(48) VTrans # 16D054 US-5	Const: \$100,000	Const: \$339,834			Total: \$439,834 Const: \$439,834
	Description: Signalization at intersection of US-5 and Red Village Road in direct proximity to Washington County Railroad Crossing #850-920X. Project for construction				
PITTSFORD NH 019-3(493) VTrans # 02B196 US-7			ROW: \$671,746	Const: \$5,000,000	Total: \$6,995,247 ROW: \$828,497 Const: \$6,166,748
	Description: RECONSTRUCTION OF US7 IN PITTSFORD, SEGMENT 3: BEGINNING APPROX. 2.395 KM NORTH OF THE VT3 INTERSECTION AND				
PITTSFORD-BRANDON NH 019-3(494) VTrans # 02B198 US-7		ROW: \$1,076,662	Const: \$3,000,000	Const: \$5,209,350	Total: \$11,452,901 ROW: \$1,327,900 Const: \$10,124,999
	Description: RECONSTRUCTION OF US7 IN PITTSFORD AND BRANDON, SEGMENT 4: BEGINNING 1.623 KM SOUTH OF THE PITTSFORD-BRANDON TOWN				
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				
STOWE STP 0235() VTrans # 09C388			Const: \$108,000		Total: \$135,000 Const: \$135,000
	Description: IMPROVEMENTS TO PARKING AND PICNIC AREAS IN THE SMUGGLERS NOTCH AREA. AREAS TO BE IMPROVED INCLUDE THE NOTCH				
SWANTON NH 036-1(9) VTrans # 96B032 VT-78				Const: \$1,000,000	Total: \$1,233,350 Const: \$1,233,349
	Description: PROJECT IS FOR RECONSTRUCTION OF VT78 IN SWANTON, BEGINNING 729 METERS EAST OF THE ALBURGH-SWANTON TOWN LINE AND				

Vermont Agency of Transportation

Project Location	FY17	FY18	FY19	FY20	Total Cost Fed+State+Local
WATERBURY FEGC F 013-4(13) VTrans # 85B006 US-2	ROW: \$1,000,000	ROW: \$520,000	Const: \$1,000,000	Const: \$6,000,000	Total: \$8,968,421 ROW: \$1,600,000 Const: \$7,368,421
Description: RECONSTRUCTION OF MAIN ST IN VILLAGE OF WATERBURY BEGINNING 0.04 MILE EAST OF VT100 NO. INTERSECTION EXTENDING					
WOODFORD ER NH 010-1(47) VTrans # 12B402 VT-9	Const: \$292,176				Total: \$360,356 Const: \$360,355
Description: SLOPE REMEDIATION AND ASSOCIATED ROADWAY REPAIR ON VT9 IN WOODFORD, APPROX. 2.8 MILES EAST OF THE BENNINGTON-					
Totals for Roadway Projects	ROW: \$1,000,000 Const: \$1,810,080	ROW: \$1,596,662 Const: \$16,689,442	ROW: \$2,144,246 Const: \$10,945,888	ROW: \$810,800 Const: \$17,209,350	Total: \$60,859,050 ROW: \$6,306,399 Const: \$54,552,651

Vermont Agency of Transportation
2017 - 2020 Statewide Transportation Improvement Program (STIP)

Project Location	FY17	FY18	FY19	FY20	Total Cost Fed+State+Local
State Highway Bridges					
BETHEL BHF 0241(38) VTrans # 10C216 VT-12			Const: \$500,000	Const: \$3,000,000	Total: \$4,375,000 Const: \$4,375,000
Description: REHABILITATION OF BRIDGE NO. 38 ON VT12 IN BETHEL, OVER GILEAD BROOK.					
BRADFORD BF 0191(29) VTrans # 13C054 VT-25B	Const: \$2,520,397				Total: \$3,150,497 Const: \$3,150,497
Description: REPLACEMENT OF BRIDGE NO. 1 ON VT25B IN BRADFORD, OVER THE WAITS RIVER.					
BRADFORD-PIERMONT, NH BF A004(158) VTrans # 16B077	Const: \$34,440				Total: \$43,050 Const: \$43,050
Description: THIS PROJECT REPRESENTS VERMONT'S SHARE OF THE VERMONT-NEW HAMPSHIRE PROJECT TO REHABILITATE THE DECK SURFACE					
BRISTOL BF 021-1(33) VTrans # 13B256 VT-116				Const: \$100,000	Total: \$125,000 Const: \$125,000
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		Const: \$100,000	Const: \$2,019,463	Total: \$2,774,329 ROW: \$125,000 Const: \$2,649,328
Description: REPLACEMENT OF BRIDGE NO. 6 ON VT102 IN BRUNSWICK, OVER PAUL STREAM.					
CALAIS BHF 037-2(10) VTrans # 12B144 VT-14				Const: \$300,000	Total: \$375,000 Const: \$375,000
Description: REPLACEMENT OF BRIDGE NO. 74 ON VT14 IN CALAIS, OVER PEKIN BROOK.					
CALAIS BHF 037-2(11) VTrans # 12B146 VT-14	ROW: \$48,000			Const: \$200,000	Total: \$310,000 ROW: \$60,000 Const: \$250,000
Description: REPLACEMENT OF BRIDGE NO. 82 ON VT14 IN CALAIS, OVER KINGSBURY BRANCH.					
CALAIS BHF 037-2(12) VTrans # 12B148 VT-14				Const: \$100,000	Total: \$125,000 Const: \$125,000
Description: REHABILITATION OF BRIDGE NO. 77 ON VT14 IN CALAIS, OVER KINGSBURY BRANCH.					

Vermont Agency of Transportation

Project Location	FY17	FY18	FY19	FY20	Total Cost Fed+State+Local
CHELSEA BHF 0169(9) VTrans # 12C150 VT-110	Const: \$160,000	Const: \$1,444,746			Total: \$2,005,933 Const: \$2,005,932
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: \$160,000	Const: \$1,408,354			Total: \$1,960,443 Const: \$1,960,442
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: \$300,000	Total: \$490,000 ROW: \$115,000 Const: \$375,000
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: \$4,800,000	Const: \$5,320,000		Total: \$12,650,000 Const: \$12,650,000
Description: REPLACEMENT OF BR68 ON VT14 IN EAST MONTPELIER, OVER THE WINOOSKI RIVER.					
GUILFORD BF 0113(68) VTrans # 13C064 US-5	Const: \$160,000	Const: \$1,986,239			Total: \$2,682,799 Const: \$2,682,798
Description: REPLACEMENT OF BRIDGE NO. 5 ON US5 IN GUILFORD, OVER BROAD BROOK.					
JAY BHF 0278(3) VTrans # 12C154 VT-242	Const: \$240,000	Const: \$852,785			Total: \$1,365,981 Const: \$1,365,981
Description: REPLACEMENT OF BRIDGE NO. 10 ON VT242 IN JAY, OVER JAY BRANCH.					
JOHNSON BF 0248(4) VTrans # 13C066 VT-100C		Const: \$280,000	Const: \$1,347,200		Total: \$2,034,000 Const: \$2,034,000
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: \$2,324,087	Total: \$2,905,109 Const: \$2,905,108
Description: SCOPING TO EVALUATE ALTERNATIVES FOR BRIDGE NO. 33 ON US4 IN KILLINGTON, OVER THE OTTAUQUECHEE RIVER.					

Vermont Agency of Transportation

Project Location	FY17	FY18	FY19	FY20	Total Cost Fed+State+Local
LANCASTER-GUILDHALL BHF A001(159) VTrans # 12B466 US-2	ROW: \$99,600		Const: \$100,000	Const: \$1,532,840	Total: \$2,165,550 ROW: \$124,500 Const: \$2,041,050
Description: REHABILITATION AND PAINTING OF BR127 ON US2, OVER THE CONNECTICUT RIVER BETWEEN LANCASTER, NH AND GUILDHALL, VT. NH					
LUNENBURG NH CULV(27) VTrans # 11B294 US-2	Const: \$1,000,000				Total: \$1,250,000 Const: \$1,250,000
Description: REPLACEMENT OF BRIDGE NO. 126 (SHORT STRUCTURE) ON US2 IN LUNENBURG, OVER HUDSON BROOK.					
LYME-THETFORD BF A000(394) VTrans # 12C468 VT-113		ROW: \$16,216			Total: \$20,000 ROW: \$20,000
Description: REHABILITATION OF THE EXISTING BRIDGE CARRYING EAST THETFORD ROAD (VT113) OVER THE CONNECTICUT RIVER (NH BRIDGE NO.					
MIDDLEBURY WCRS(23) VTrans # 13G542 VT-30		Const: \$1,000,000	Const: \$15,000,000	Const: \$15,000,000	Total: \$32,631,579 Const: \$32,631,578
Description: LOWER GRADE OF THE VERMONT RAILWAY IN MIDDLEBURY TO ACCOMMODATE 21-FT. VERTICAL CLEARANCE, AND REPLACEMENT OF THE					
MIDDLEBURY WCRS(23)C/1 VTrans # 16B046 VT-30	Const: \$631,578	Const: \$1,368,421			Total: \$2,500,000 Const: \$2,500,000
Description: Early work package for the Middlebury tunnel project. Work includes construction of Battel Block access road, horizontal directional drilling of drainage outfall					
MORETOWN BF 0167(16) VTrans # 16B010 VT-100B			ROW: \$40,000	Const: \$240,000	Total: \$350,000 ROW: \$50,000 Const: \$300,000
Description: Scoping to evaluate alternatives for bridge no. 2 on VT-100B in Moretown over Mad River					
MORRISTOWN BRS 0240(3)S VTrans # 78F329 VT-15A		Const: \$480,000	Const: \$3,200,000	Const: \$920,000	Total: \$5,750,000 Const: \$5,750,000
Description: REPLACEMENT OF BR1 ON VT15A IN MORRISTOWN, OVER THE LAMOILLE RIVER.					
NORTH HERO-GRAND ISLE BHF 028-1(26) VTrans # 12B142 US-2			Const: \$1,087,943	Const: \$1,448,038	Total: \$2,817,757 Const: \$2,817,756
Description: REPLACEMENT OF BRIDGE NO. 8 ON US2 BETWEEN NORTH HERO AND GRAND ISLE, OVER LAKE CHAMPLAIN.					

Vermont Agency of Transportation

Project Location	FY17	FY18	FY19	FY20	Total Cost Fed+State+Local
PITTSFIELD BHF 022-1(24) VTrans # 10B416 VT-100			Const: \$181,561	Const: \$1,000,000	Total: \$1,476,951 Const: \$1,476,951
Description: REPLACEMENT OF BRIDGE NO. 126 ON VT100 IN PITTSFIELD, OVER THE WEST BRANCH OF THE TWEED RIVER.					
PITTSFORD BF 019-3(59) VTrans # 13B266 US-7	ROW: \$128,000				Total: \$160,000 ROW: \$160,000
Description: REPLACE BRIDGE NO. 108 ON US7 IN PITTSFORD, OVER FURNACE BROOK.					
READSBORO BF 0102(16) VTrans # 13C068 VT-100	ROW: \$60,000				Total: \$75,000 ROW: \$75,000
Description: REPLACEMENT OF BRIDGE NO. 25 ON VT100 IN READSBORO, OVER THE WEST BRANCH OF THE DEERFIELD RIVER.					
RICHFORD-SUTTON, PQ BHF 0814(1) VTrans # 10C222 VT-105A		Const: \$400,000	Const: \$1,200,000		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: \$300,000	Const: \$1,000,000	Const: \$554,290		Total: \$2,317,863 Const: \$2,317,862
Description: REPLACEMENT OF BRIDGE NO. 6 ON VT2B IN ST. JOHNSBURY, OVER THE LAMOILLE VALLEY RAIL TRAIL.					
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.					
WEYBRIDGE-NEW HAVEN BF 032-1(19) VTrans # 12B552 VT-17		Const: \$150,000	Const: \$3,564,880		Total: \$4,643,600 Const: \$4,643,600
Description: REPLACEMENT OF BRIDGE NO. 8 ON VT17 BETWEEN WEYBRIDGE AND NEW HAVEN, OVER OTTER CREEK.					
Totals for State Highway Bridges	ROW: \$527,600 Const: \$6,550,417	ROW: \$16,216 Const: \$15,170,545	ROW: \$40,000 Const: \$32,155,874	Const: \$28,484,428	Total: \$97,210,439 ROW: \$729,500 Const: \$96,480,939

Vermont Agency of Transportation
2017 - 2020 Statewide Transportation Improvement Program (STIP)

Project Location	FY17	FY18	FY19	FY20	Total Cost Fed+State+Local
Town Highway Bridges					
BRANDON BHF 019-3(58) VTrans # 10B358 US-7		Const: \$1,200,000			Total: \$1,500,000 Const: \$1,500,000
Description: REHABILITATION OF BRIDGE NO. 114 ON US7 IN BRANDON, OVER THE NESCOBE RIVER.					
BRATTLEBORO-HINSDALE, NH BF A004(152) VTrans # 16J072			ROW: \$2,400,000	ROW: \$4,064,000	Total: \$8,080,000 ROW: \$8,080,000
Description: THIS PROJECT REPRESENTS VERMONT'S SHARE OF THE VERMONT-NEW HAMPSHIRE PROJECT. NEW HAMPSHIRE IS LEAD.					
CAVENDISH BO 1442(38) VTrans # 13J302	ROW: \$122,040			Const: \$2,159,324	Total: \$2,851,705 ROW: \$152,550 Const: \$2,699,155
Description: REPLACEMENT OF BRIDGE NO. 58 ON TH1 IN CAVENDISH, OVER THE BLACK RIVER.					
CORNISH-WINDSOR BF A003(035) VTrans # 15J182		Const: \$237,600			Total: \$297,000 Const: \$297,000
Description: PROVIDE SCOUR PROTECTION FOR THE CORNISH, NH-WINDSOR, VT COVERED BRIDGE OVER CONNECTICUT RIVER					
DANBY BF 0130(3) VTrans # 13J304 Mai-0130			Const: \$200,000	Const: \$1,100,000	Total: \$1,625,000 Const: \$1,625,000
Description: REPLACEMENT OF BRIDGE NO. 9 ON FAS 0130 IN DANBY, OVER MILL BROOK.					
HIGHGATE BO 1448(43) VTrans # 98J378		Const: \$744,000	Const: \$3,000,000		Total: \$4,680,000 Const: \$4,680,000
Description: REPLACEMENT OF TRUSS BR25 ON TH4 IN HIGHGATE, OVER THE MISSISQUOI RIVER.					
LEICESTER BO 1445(37) VTrans # 12J636	PE: \$132,000				Total: \$165,000 PE: \$165,000
Description: SCOPING TO EVALUATE ALTERNATIVES FOR BRIDGE NO. 4 ON TH12 IN LEICESTER, OVER THE LEICESTER RIVER.					

Vermont Agency of Transportation

Project Location	FY17	FY18	FY19	FY20	Total Cost Fed+State+Local
LUDLOW BRF 025-1(42) VTrans # 10J068 VT-103	Const: \$3,661,469				Total: \$4,307,611 Const: \$4,307,611
Description: REPLACEMENT OR REHABILITATION OF BRIDGE NO. 25 ON VT103 IN LUDLOW, OVER THE BLACK RIVER.					
MONTGOMERY BHO 1448(42) VTrans # 12J352	Const: \$1,248,000				Total: \$1,560,000 Const: \$1,560,000
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: \$137,227				Total: \$169,249 Const: \$169,249
Description: REHABILITATION OF THE EXISTING BRIDGE OVER THE CONNECTICUT RIVER BETWEEN NORTHUMBERLAND, NH AND GUILDHALL, VT. NH					
ORLEANS VILLAGE BF 0310(7) VTrans # 13J084 VT-58			Const: \$600,000	Const: \$1,000,000	Total: \$2,000,000 Const: \$2,000,000
Description: REPLACE BR10 ON VT58 (BARTON ST.) IN ORLEANS VILLAGE, OVER THE BARTON RIVER.					
POULTNEY BF 0138(12) VTrans # 13J276 Mai-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.					
SANDGATE BO 1441(30) VTrans # 13J086			Const: \$550,000		Total: \$687,500 Const: \$687,500
Description: REHABILITATION OF BR27 ON TH9 IN SANDGATE, OVER TERRY BROOK.					

Vermont Agency of Transportation

Project Location	FY17	FY18	FY19	FY20	Total Cost Fed+State+Local
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.					
STEWARTSTOWN-CANAAN BHO A000(984) VTrans # 11E232	Const: \$313,656				Total: \$392,070 Const: \$392,070
Description: REHABILITATION OF BRIDGE STREET BRIDGE SHARED WITH NEW HAMPSHIRE OVER THE CONNECTICUT RIVER. NH BRIDGE NUMBER					
STRAFFORD BF 0177(10) VTrans # 13J088 Mai-0177		Const: \$1,255,818			Total: \$1,569,773 Const: \$1,569,772
Description: REPLACEMENT OF BR29 ON FAS 0177 IN STRAFFORD, OVER THE WEST BRANCH OF THE OMPOMPANOOSUC RIVER.					
WEST HAVEN-WHITEHALL, NY BO 1443(51) VTrans # 13J198				Const: \$640,952	Total: \$801,190 Const: \$801,190
Description: SCOPING TO EVALUATE ALTERNATIVES FOR BRIDGE NO. 10 ON TH3 IN WEST HAVEN, OVER THE POULTNEY RIVER.					
WOODSTOCK VILLAGE BF 020-2(43) VTrans # 13J280 US-4			Const: \$696,800		Total: \$871,000 Const: \$871,000
Description: REHABILITATION OF BRIDGE NO. 51 ON US4 IN WOODSTOCK VILLAGE, OVER KEDRON BROOK.					
Totals for Town Highway Bridges	PE: \$132,000 ROW: \$122,040 Const: \$5,460,353	Const: \$4,937,978	ROW: \$2,400,000 Const: \$6,338,560	ROW: \$4,064,000 Const: \$5,900,276	Total: \$36,422,498 PE: \$165,000 ROW: \$8,232,550 Const: \$28,024,948

Vermont Agency of Transportation
2017 - 2020 Statewide Transportation Improvement Program (STIP)

Project Location	FY17	FY18	FY19	FY20	Total Cost Fed+State+Local
Traffic & Safety					
BARRE CITY HES 037-1(8) VTrans # 04D196 VT-14				Const: \$1,173,000	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					
BARRE TOWN STP HES 0169(8) VTrans # 10C388 VT-110		ROW: \$30,000	Const: \$335,475		Total: \$406,083 ROW: \$33,333 Const: \$372,750
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	ROW: \$275,000 Const: \$1,086,699				Total: \$1,361,699 ROW: \$275,000 Const: \$1,086,699
Description: PROJECT IS FOR IMPROVEMENTS TO THE VT14/BRIDGE ST./STERLING HILL ROAD INTERSECTION IN SOUTH BARRE.					
BRATTLEBORO NHG SIGN(53) VTrans # 14B020 VT-9		Const: \$453,100			Total: \$453,100 Const: \$453,100
Description: SIGN REPLACEMENT INCLUDING OVERHEAD SIGN STRUCTURES ALONG VT9 IN BRATTLEBORO, IN THE VICINITY OF THE I-91 INTERCHANGE.					
HARTFORD STP 0113(59)S VTrans # 98C026 US-5			ROW: \$109,722	Const: \$200,000	Total: \$309,722 ROW: \$109,722 Const: \$200,000
Description: PROJECT IS FOR INSTALLING ROUNDABOUTS AT THE INTERSECTIONS OF US5 AND SYKES AVE., AND SYKES AVE. AND RALPH LEHMAN					
LUDLOW HES SGNL(44) VTrans # 13B020 VT-103		Const: \$69,775	Const: \$400,000		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: \$200,000	Const: \$938,500		Total: \$1,265,000 Const: \$1,265,000
Description: SAFETY IMPROVEMENTS AT THE VT15/VT15A INTERSECTION IN MORRISTOWN.					

Vermont Agency of Transportation

Project Location

	FY17	FY18	FY19	FY20	Total Cost Fed+State+Local
NEW HAVEN HES 032-1(8) VTrans # 04B210 VT-17			Const: \$400,000	Const: \$818,517	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: \$2,504,434				Total: \$2,504,434 Const: \$2,504,434
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: \$282,466				Total: \$282,467 Const: \$282,466
Description: Project is for the replacement of the existing traffic signal at the intersection of US Route 7 & Green Mountain Plaza & Seward Road in the Town of Rutland.					
SOUTH HERO STP HES 028-1(22) VTrans # 12B016 US-2	ROW: \$72,000			Const: \$1,287,876	Total: \$1,510,973 ROW: \$80,000 Const: \$1,430,973
Description: INSTALLATION OF A LEFT-TURN LANE ON US2 WESTBOUND, AT THE US2/VT314 INTERSECTION IN SOUTH HERO. INCLUDES OTHER					
Totals for Traffic & Safety	PE: \$81,080 ROW: \$347,000 Const: \$3,873,600	ROW: \$30,000 Const: \$722,875	ROW: \$149,722 Const: \$2,073,975	Const: \$3,479,393	Total: \$11,094,771 PE: \$100,000 ROW: \$538,055 Const: \$10,456,715

Summary of FTA Fund Usage

	Fund Source	Available Funds remaining from previous years	FFY 2017 Anticipated Available	FFY 2017 Programmed In STIP	FFY 2018 Anticipated Available	FFY 2018 Programmed In STIP	FFY 2019 Anticipated Available	FFY 2019 Programmed In STIP	FFY 2020 Anticipated Available	FFY 2020 Programmed In STIP
Federal Transit Administration										
Section 5305 (d) Metropolitan Planning Program										
	FFY15	\$ 423,462	\$ 440,571	\$ 440,571	\$ 453,788	\$ 453,788	\$ 467,402	\$ 467,402	\$ 481,424	\$ 481,424
Section 5305 (e) Intercity and Statewide Planning										
	FFY13	\$ 73,804								
	FFY14	\$ 114,547								
	FFY15	\$ 110,568	\$ 113,885	\$ 113,885	\$ 117,302	\$ 117,302	\$ 120,821	\$ 120,821	\$ 124,445	\$ 124,445
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 applications for other funding sources.										
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	\$ 170,031	\$ 170,031	\$ 175,132	\$ 175,132	\$ 180,386	\$ 180,386	\$ 185,798	\$ 185,798
	FFY15 rural	\$ 352,104	\$ 325,525	\$ 325,525	\$ 335,291	\$ 335,291	\$ 345,350	\$ 345,350	\$ 355,710	\$ 355,710
Available Funds										
All funds are distributed through the transit agencies listed below:										
VTrans: State Administration 10%	Federal		\$ 7,138							
	State	\$ -	\$ 1,785							
	Local	\$ -								
	Total	\$ -	\$ 8,923							
Operator: (CCTA) Chittenden County Transit A	Federal	\$ 124,305	\$ 141,280							
	State	\$ 15,538	\$ 17,660							
	Local	\$ 15,538	\$ 17,660							
	Total	\$ 155,381	\$ 176,600							
Operator: SEVT	Federal	\$ -								
	State	\$ -								
	Local	\$ -								
	Total	\$ -								
Operator: GMCN	Federal	\$ -								
	State	\$ -								
	Local	\$ -								
	Total	\$ -								
Operator: RCT	Federal	\$ 34,845	\$ 179,679							
	State	\$ 4,356	\$ 22,461							
	Local	\$ 4,356	\$ 22,461							
	Total	\$ 43,557	\$ 224,601							
Operator: Stagecoach	Federal	\$ 48,000								
	State	\$ 6,000								
\$ -	Local	\$ 6,000								
	Total	\$ 60,000								
Operator: Vermont Association for the Blind and Visually Impaired	Federal		\$ 142,560							
	State		\$ -							
	Local		\$ 35,640							
	Total		\$ 178,200							
	total fed	\$ 207,150	\$ 470,657							
	total state	\$ 25,894	\$ 41,906							
	total local	\$ 25,894	\$ 75,761							
	Total TEAM application	\$ 258,938	\$ 588,324							

Summary of FTA Fund Usage

		<u>Available Funds remaining from previous years</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>	<u>FFY 2020 Anticipated Available</u>	<u>FFY 2020 Programmed In STIP</u>
Federal Transit Administration	Fund Source									
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.										
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 2014	\$ 543,146								
	operating 2015	\$ 3,611,074	\$ 3,724,507	\$ 3,724,507	\$ 3,836,242	\$ 3,836,242	\$ 3,951,329	\$ 3,951,329	\$ 4,069,869	\$ 4,069,869
	administrative	\$ -	\$ 20,600	\$ 20,600	\$ 21,218	\$ 21,218	\$ 21,855	\$ 21,855	\$ 22,510	\$ 22,510
	rtap - subrecipients 2014	\$ 90,080	\$ 95,566	\$ 95,566	\$ 98,433	\$ 98,433	\$ 101,386	\$ 101,386	\$ 104,427	\$ 104,427
	rtap - statewide 2013	\$ 16,941	\$ 17,973	\$ 17,973	\$ 18,512	\$ 18,512	\$ 19,067	\$ 19,067	\$ 19,639	\$ 19,639
	Section 5311/5340 - Rural New Services - STP Transfer	\$ 73,187	\$ 77,644	\$ 77,644	\$ 79,973	\$ 79,973	\$ 82,373	\$ 82,373	\$ 84,844	\$ 84,844
	Total	\$ 4,334,428	\$ 3,858,645	\$ 3,858,645	\$ 3,974,405	\$ 3,974,405	\$ 4,093,637	\$ 4,093,637	\$ 4,216,446	\$ 4,216,446
	FHWA Flex									
	administrative and preventive maintenance	\$ 8,006,503	\$ 8,631,734	\$ 8,631,734	\$ 8,890,686	\$ 8,890,686	\$ 9,157,406	\$ 9,157,406	\$ 9,432,128	\$ 9,432,128
	Section 5311/5340 - Capital Assistance - STP Transfer	\$ 1,734,200	\$ 2,880,953	\$ 2,880,953	\$ 2,967,382	\$ 2,967,382	\$ 3,056,403	\$ 3,056,403	\$ 3,148,095	\$ 3,148,095
	Section 5311/5340 - Rural New Services - STP Transfer	\$ 555,880	\$ 607,358	\$ 607,358	\$ 625,579	\$ 625,579	\$ 644,346	\$ 644,346	\$ 663,677	\$ 663,677
	Section 5311/5340 - State Admin STP Transfer	\$ 346,591	\$ 371,940	\$ 371,940	\$ 383,098	\$ 383,098	\$ 394,591	\$ 394,591	\$ 406,429	\$ 406,429
	Section 5311/5340 - Rural New Services - STP Transfer	\$ 544,300	\$ 577,448	\$ 577,448	\$ 594,771	\$ 594,771	\$ 612,614	\$ 612,614	\$ 630,993	\$ 630,993
	Total	\$ 11,187,474	\$ 12,491,985	\$ 12,491,985	\$ 12,866,745	\$ 12,866,745	\$ 13,252,747	\$ 13,252,747	\$ 13,650,330	\$ 13,650,330
All funds are distributed through the transit agencies listed below:										
Operator: ACTR	FTA program funds									
Section 5311/5340 Rural Area Formula	Federal operating	\$ -	\$ 171,000							
	Federal oper/admin	\$ -	\$ 10,000							
Section 5311/5340 Rural Technical Assistance Program	Federal rtap	\$ -	\$ 3,000							
	Local	\$ -	\$ 173,500							
	Total	\$ -	\$ 357,500							
	FHWA Flex									
	administrative and preventive maintenance	\$ -	\$ 694,000							
Section 5311/5340 Rural Area - PA/PM/ED - STP Transfer	capital	\$ 20,000	\$ 19,680							
Section 5311/5340 - Capital Assistance - STP Transfer	cmaq	\$ -	\$ 360,000							
Section 5311/5340 - Rural New Services - STP Transfer	state	\$ 2,500	\$ 2,460							
	local	\$ 2,500	\$ 265,960							
	total	\$ 25,000	\$ 1,342,100							
Operator: AT	FTA program funds									
Section 5311/5340 Rural Area Formula	Federal operating	\$ -	\$ 150,000							
	Federal oper/admin	\$ -	\$ -							
Section 5311/5340 Rural Technical Assistance Program	Federal rtap	\$ -	\$ 3,000							
	Local	\$ -	\$ 150,000							
	Total	\$ -	\$ 303,000							
	FHWA Flex									
	administrative and preventive maintenance	\$ -	\$ 240,000							
Section 5311/5340 Rural Area - PA/PM/ED - STP Transfer	capital	\$ 17,222	\$ 41,000							
Section 5311/5340 - Capital Assistance - STP Transfer	cmaq	\$ -	\$ 206,058							
Section 5311/5340 - Rural New Services - STP Transfer	state	\$ 2,153	\$ 5,125							
	local	\$ 2,153	\$ 116,640							
	total	\$ 21,528	\$ 608,823							

Summary of FTA Fund Usage

	Fund Source	Available Funds remaining from previous years	FFY 2017 Anticipated Available	FFY 2017 Programmed In STIP	FFY 2018 Anticipated Available	FFY 2018 Programmed In STIP	FFY 2019 Anticipated Available	FFY 2019 Programmed In STIP	FFY 2020 Anticipated Available	FFY 2020 Programmed In STIP
Federal Transit Administration										
Operator: SEVT	FTA program funds									
Section 5311/5340 Rural Area Formula	Federal operating	\$ -	\$ 600,000							
Section 5311/5340 Rural Technical Assistance Program	Federal rtap	\$ -	\$ 6,000							
	Local	\$ -	\$ 600,000							
	Total	\$ -	\$ 1,206,000							
	FHWA Flex									
	administrative and preventive maintenance	\$ -	\$ 1,770,000							
Section 5311/5340 Rural Area - PA/PM/ED - STP Transfer	capital	\$ 224,800	\$ -							
Section 5311/5340 - Capital Assistance - STP Transfer	cmaq	\$ -	\$ 110,000							
	state	\$ 28,100	\$ -							
	local	\$ 28,100	\$ 470,000							
	total	\$ 281,000	\$ 2,350,000							
Operator: GMCNI	FTA program funds									
Section 5311/5340 Rural Area Formula	Federal operating	\$ -	\$ 194,012							
Section 5311/5340 Rural Technical Assistance Program	Federal rtap	\$ -	\$ 3,000							
	Local	\$ -	\$ 194,012							
	Total	\$ -	\$ 391,024							
	FHWA Flex									
	administrative and preventive maintenance	\$ -	\$ 455,000							
Section 5311/5340 Rural Area - PA/PM/ED - STP Transfer	capital	\$ 6,781	\$ -							
Section 5311/5340 - Capital Assistance - STP Transfer	cmaq	\$ -	\$ 27,000							
Section 5311/5340 - Rural New Services - STP Transfer	state	\$ 848	\$ -							
	local	\$ 848	\$ 120,500							
	total	\$ 8,477	\$ 602,500							
Operator: GMTA	FTA program funds									
Section 5311/5340 Rural Area Formula	Federal operating	\$ -	\$ 721,000							
Section 5311/5340 Rural Technical Assistance Program	Federal rtap	\$ -	\$ 18,000							
	Local	\$ -	\$ 721,000							
	Total	\$ -	\$ 1,460,000							
	FHWA Flex									
	administrative and preventive maintenance	\$ -	\$ 2,050,318							
Section 5311/5340 Rural Area - PA/PM/ED - STP Transfer	capital	\$ 435,514	\$ 110,400							
Section 5311/5340 - Capital Assistance - STP Transfer	cmaq	\$ -	\$ -							
Section 5311/5340 - Rural New Services - STP Transfer	state	\$ 54,436	\$ 115,584							
	local	\$ 54,436	\$ 375,130							
	total	\$ 544,386	\$ 2,651,432							
Operator: MVRTD	FTA program funds									
Section 5311/5340 Rural Area Formula	Federal operating	\$ -	\$ 773,000							
Section 5311/5340 Rural Technical Assistance Program	Federal rtap	\$ -	\$ 3,000							
	Local	\$ -	\$ 773,000							
	Total	\$ -	\$ 1,549,000							
	FHWA Flex									
	administrative and preventive maintenance	\$ -	\$ 1,617,000							
Section 5311/5340 Rural Area - PA/PM/ED - STP Transfer	capital	\$ 24,000	\$ -							
Section 5311/5340 - Capital Assistance - STP Transfer	cmaq	\$ -	\$ 274,090							
Section 5311/5340 - Rural New Services - STP Transfer	state	\$ 3,000	\$ -							
	local	\$ 3,000	\$ 452,773							
	total	\$ 30,000	\$ 2,343,863							
Operator: RCT	FTA program funds									
Section 5311/5340 Rural Area Formula	Federal operating	\$ -	\$ 87,337							
Section 5311/5340 Rural Technical Assistance Program	Federal rtap	\$ -	\$ 3,000							
	Local	\$ -	\$ 87,337							
	Total	\$ -	\$ 177,674							
	FHWA Flex									
	administrative and preventive maintenance	\$ -	\$ 716,601							
Section 5311/5340 Rural Area - PA/PM/ED - STP Transfer	capital	\$ -	\$ 5,000							
Section 5311/5340 - Capital Assistance - STP Transfer	cmaq	\$ -	\$ 147,013							
Section 5311/5340 - Rural New Services - STP Transfer	state	\$ -	\$ 625							
	local	\$ -	\$ 216,528							
	total	\$ -	\$ 1,085,767							

Summary of FTA Fund Usage

	Fund Source	Available Funds remaining from previous years	FFY 2017 Anticipated Available	FFY 2017 Programmed In STIP	FFY 2018 Anticipated Available	FFY 2018 Programmed In STIP	FFY 2019 Anticipated Available	FFY 2019 Programmed In STIP	FFY 2020 Anticipated Available	FFY 2020 Programmed In STIP
Federal Transit Administration										
Operator: Stagecoach	FTA program funds									
Section 5311/5340 Rural Area Formula	Federal operating	\$ -	\$ 240,000							
	Federal oper/admin		\$ 283,112							
Section 5311/5340 Rural Technical Assistance Program	Federal rtap	\$ -	\$ 3,000							
	Local	\$ -	\$ 310,778							
	Total	\$ -	\$ 836,890							
	FHWA Flex									
Section 5311/5340 Rural Area - PA/PM/ED - STP Transfer	administrative and preventive maintenance	\$ -	\$ 705,888							
Section 5311/5340 - Capital Assistance - STP Transfer	capital	\$ 2,000	\$ 59,800							
	state	\$ 250	\$ 7,475.00							
	local	\$ 250	\$ 192,997							
	total	\$ 2,500	\$ 966,160							
	FTA program funds									
Operator: Greyhound	Operating-Intercity Bus		240,000							
Operator: Vt Translines (Premier Coach)	Operating-Intercity Bus		300,000							
Operator: Vermont Association for the Blind and Visually Impaired	administrative and preventive maintenance	\$ -								
	Local		540,000							
	total	\$ -	\$ 1,080,000							
	FHWA Flex									
Operator:Vermont Association for the Blind and Visually Impaired	administrative and preventive maintenance		\$ 7,440							
Section 5311/5340 Rural Area - PA/PM/ED - STP Transfer	capital									
Section 5311/5340 - Capital Assistance - STP Transfer	state									
	local		\$ 1,860							
	total		\$ 9,300							
	FTA Program funds									
	Federal operating	\$ -	\$ 3,476,349							
	Federal oper/admin	\$ -	\$ 293,112							
	Federal RTAP - Providers	\$ -	\$ 42,000							
	Statewide RTAP	\$ 23,097	\$ 74,667							
	Total	\$ 23,097	\$ 3,886,128							
	Local	\$ -	\$ 3,549,627							
	Total TEAM application	\$ 23,097	\$ 7,435,755							
	FHWA Flex funds									
Section 5311/5340 Rural Area - PA/PM/ED - STP Transfer	administrative and preventive maintenance	\$ -	\$ 8,256,247							
Section 5311/5340 - Capital Assistance - STP Transfer	capital	\$ 730,317	\$ 235,880							
Section 5311/5340 - Rural New Services - STP Transfer	cmaq	\$ -	\$ 1,124,161							
Section 5311/5340 - State Administration - STP Transfer	state administration	\$ -	\$ 367,147							
	D & A Testing		\$ 60,000							
	Total STP Transfer	\$ 730,317	\$ 10,043,435							
	state	\$ 91,287	\$ 238,056							
	local	\$ 91,287	\$ 2,406,400							
	Total TEAM application	\$ 912,891	\$ 12,687,891							
	total									
	Total Flex funds									
Section 5339 Bus and Bus Facilities-rural/urban										
	rural FFY13	\$ 1,247,500								
	urban FFY13	\$ 158,315								
	rural FFY14	\$ 1,250,000								
	urban FFY14	\$ 161,288								
	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	\$ 165,000	\$ 165,000	\$ 165,000	\$ 165,000	\$ 165,000	\$ 165,000	\$ 165,000
Funds to be allocated to Transit Providers based on need:										
Operator: AT	capital		\$ 341,440							
Section 5339 Bus and Bus Facilities-urban	state		\$ 42,680							
	local		\$ 42,680							
	Total		\$ 426,800							

Summary of FTA Fund Usage

	Fund Source	Available Funds remaining from previous years	FFY 2017 Anticipated Available	FFY 2017 Programmed In STIP	FFY 2018 Anticipated Available	FFY 2018 Programmed In STIP	FFY 2019 Anticipated Available	FFY 2019 Programmed In STIP	FFY 2020 Anticipated Available	FFY 2020 Programmed In STIP
Federal Transit Administration										
Operator: ACTR	capital		\$ 200,000							
Section 5339 Bus and Bus Facilities-urban	state		\$ 25,000							
	local		\$ 25,000							
	Total		\$ 250,000							
Operator:GMCNI	capital		\$ 68,800							
Section 5339 Bus and Bus Facilities-urban	state		\$ 8,600							
	local		\$ 8,600							
	Total		\$ 86,000							
Operator:MVRTD	capital		\$ 392,112							
Section 5339 Bus and Bus Facilities-urban	state		\$ 49,014							
	local		\$ 49,014							
	Total		\$ 490,140							
Operator:SEVT	capital		\$ 246,400							
Section 5339 Bus and Bus Facilities-urban	state		\$ 30,800							
	local		\$ 30,800							
	Total		\$ 308,000							
Operator: STSI	capital		\$ 420,800							
Section 5339 Bus and Bus Facilities-urban	state		\$ 52,600							
	local		\$ 52,600							
	Total		\$ 526,000							
Operator: CCTA	capital	\$ 319,603								
Section 5339 Bus and Bus Facilities-urban	state	\$ 39,950								
	local	\$ 39,950								
	Total	\$ 399,503								
Operator: CCTA	capital	\$ 260,916								
Section 5339 Bus and Bus Facilities-rural	state	\$ 32,614								
	local	\$ 32,614								
	Total	\$ 326,144								
Operator: GMTA	capital	\$ 446,239	\$ 144,654							
Section 5339 Bus and Bus Facilities-rural	state	\$ 55,780	\$ 18,082							
	local	\$ 55,780	\$ 18,082							
	Total	\$ 557,799	\$ 180,818							
Operator: RCT	capital	\$ 120,000	\$ 473,824							
Section 5339 Bus and Bus Facilities-rural	state	\$ 15,000	\$ 59,228							
	local	\$ 15,000	\$ 59,228							
	Total	\$ 150,000	\$ 592,280							
	total fed	\$ 1,146,758	\$ 2,288,030							
	total state	\$ 143,344	\$ 286,004							
	total local	\$ 143,344	\$ 286,004							
	Total	\$ 1,433,446	\$ 2,860,038							

**CHITTENDEN COUNTY REGIONAL
PLANNING COMMISSION
TRANSPORTATION IMPROVEMENT
PROGRAM**



CHITTENDEN COUNTY RPC
Communities Planning Together

Transportation Improvement Program for Fiscal Years 2017-2020

**As Adopted
August 3, 2016**

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 2017 through 2020 is a prioritized, fiscally-constrained, and multi-year list of federally-funded, multimodal transportation projects and operations in the CCRPC region - Chittenden County. Under federal law, the TIP must cover at least a 4-year program of projects and be updated no less frequently than every 4 years. In addition, projects in the TIP must be prioritized at the regional level and have clearly identified funding sources. All transportation projects, programs, and operations receiving federal funds in Chittenden County must be authorized through the CCRPC TIP process. The exceptions are federal airport funds for Burlington International Airport, which are not subject to the CCRPC's prioritization process, but are listed in the TIP for information and coordination purposes.

- The TIP authorizes the implementing agency (e.g., VTrans, CCTA) to obligate federal funds for listed projects and operations over the next four federal fiscal years (October 1, 2016 through September 30, 2020).
- The first year of a duly-adopted and approved TIP constitutes an "agreed to" list of projects for project selection purposes, provided that anticipated federal funds available to the region are available during that year.
- The U.S. Department of Transportation must find that the TIP is based on a continuing, comprehensive transportation planning process carried out cooperatively by the State, the CCRPC, and transit operators.

B. Financial Plan

▸ Federal Funding

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

▸ State Funding

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

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

▸ Local Funding

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

▸ Operation and Maintenance

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

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

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

CHITTENDEN COUNTY REGIONAL PLANNING COMMISSION
A Resolution to Adopt the FY2017-2020
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, 2016 through September 30, 2020 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 2017-2020 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 28, 2016; and

WHEREAS, the Chittenden County Metropolitan Planning Organization held a public hearing in the CCRPC offices in Winooski on Wednesday, July 20, 2016 to review the proposed Transportation Improvement Program after publishing a legal notice in the *Burlington Free Press* on June 30, 2016;

NOW, THEREFORE, BE IT RESOLVED that the Chittenden County Regional Planning Commission, as the Metropolitan Planning Organization, hereby adopts the fiscally constrained 2017-2020 Transportation Improvement Program attached hereto and made a part hereof.

RESOLVED, PASSED AND ADOPTED THIS 3rd DAY OF AUGUST 2016.

CHITTENDEN COUNTY REGIONAL PLANNING COMMISSION

By 

Christopher D. Roy, CCRPC CHAIR

GLOSSARY

ADA	Americans with Disabilities Act of 1990. Federal legislation prohibiting discrimination on the basis of disability.	DRIVE Act	The Developing a Reliable and Innovative Vision for the Economy Act (DRIVE) reauthorizes the Federal-aid highway program at an increases the funding level for six years, from FY 2016 through FY 2021.
Adaptive Signal Control	Adaptive signal control technology adjusts the timing of red, yellow and green lights to accommodate changing traffic patterns and ease traffic congestion.	FAA	Federal Aviation Administration. The USDOT agency responsible for aviation related programs.
AIP	Airport Improvement Program. FAA program that assists the development of public-use airports by providing funding for airport planning and development projects.	FHWA	Federal Highway Administration. The USDOT agency responsible for roadway related programs.
BIA	Burlington International Airport	FRA	Federal Railroad Administration. The USDOT agency responsible for railroad programs.
CCRPC	Chittenden County Regional Planning Commission. The county's comprehensive planning organization. Established under state law. CCRPC also acts as the Metropolitan Planning Organization for Chittenden County. The MPO is established under federal law and responsible for transportation planning and programming within its jurisdiction.	FTA	Federal Transit Administration. The USDOT agency responsible for public transportation programs.
CIRC Alternative Project	A program of projects to implement the purpose and need that the CIRC highway was originally intended to address. In 2011 the Governor announcement that the Chittenden County Circumferential Highway – as originally conceived - would not be built.	FTA Section 5307	FTA grant program for capital and operating assistance in urban areas over 50,000 in population.
CMAQ	Congestion Mitigation and Air Quality Improvement Program. Federal funding program designed to address congestion and air quality issues through capital and operating projects.	FTA Section 5309	FTA grant program for capital programs such as buses and bus facilities.
CCTA	Chittenden County Transportation Authority. The region's public transportation provider.	FTA Section 5310	FTA grant program to States for assisting private non-profit groups in meeting the transportation needs of the elderly and persons with disabilities.
CON	Construction. Project development phase in which the project is implemented.	FTA Section 5339	FTA funding program that provides capital funding to replace, rehabilitate and purchase buses and related equipment and to construct bus related facilities.
DDI	Diverging diamond interchange. DDI is a new type of diamond interchange that increases capacity and reduces congestion.	HSIP	Highway Safety Improvement Program. The goal of the program is to achieve a significant reduction in traffic fatalities and serious injuries on all public roads. The HSIP requires a data-driven, strategic approach to improving highway safety on all public roads that focuses on performance.
		ISTEA	Intermodal Surface Transportation Efficiency Act of 1991. Federal legislation emphasizing innovation, intermodalism, and flexibility. The Act authorized \$151 billion over 6 years.

GLOSSARY

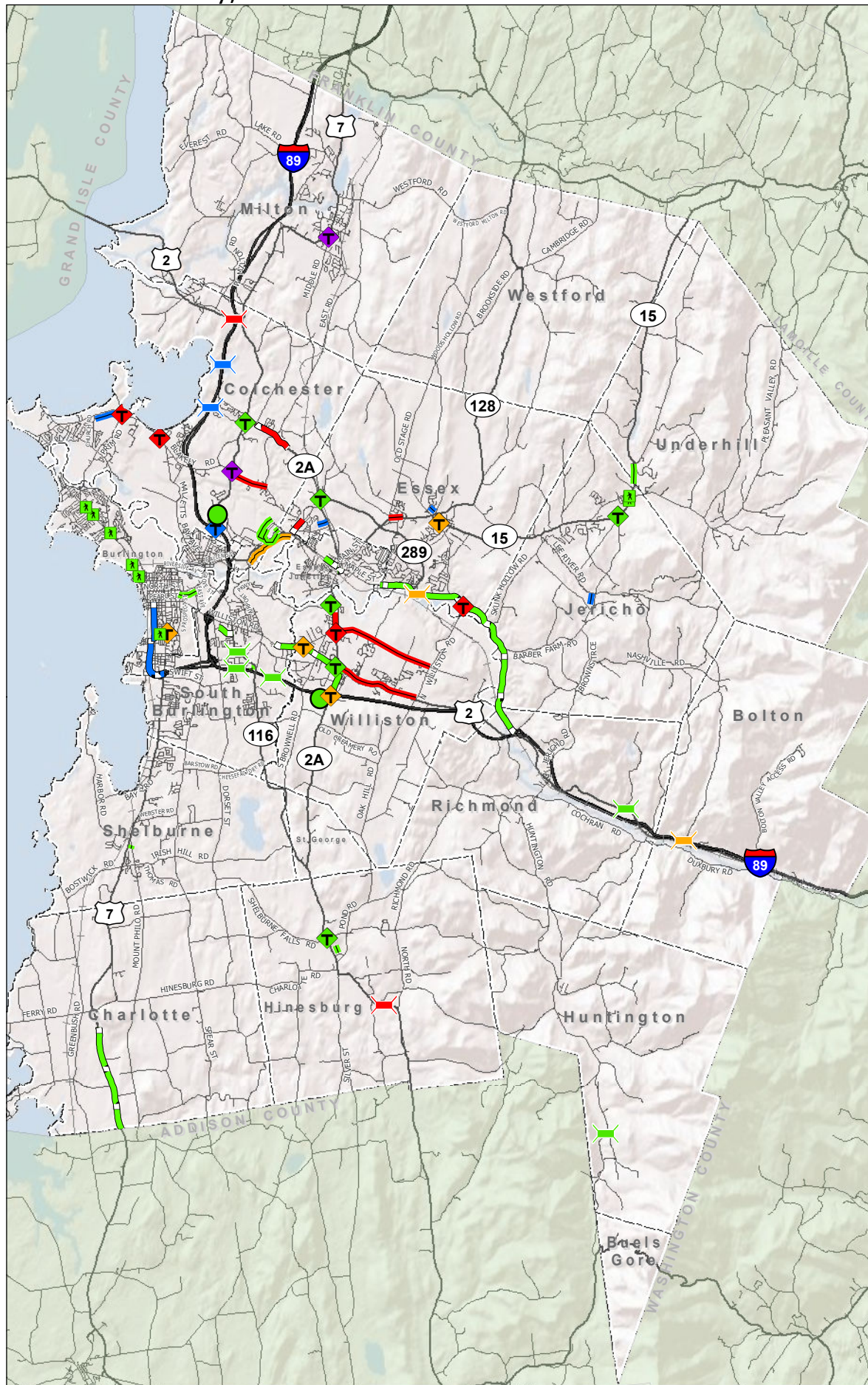
ITS	Intelligent Transportation Systems. The application of technology to improve transportation system efficiency.	Para-transit	A demand-response transportation system catering to special needs populations such as the elderly and disabled.
LTAP	Local Technical Assistance Program. A national non-profit effort financed jointly by the Federal Highway Administration and individual State Departments of Transportation. Its purpose is to provide road and bridge know-how to municipal people involved with highways. There are LTAP Centers in 50 states and Puerto Rico and seven Native American locations. Vermont's program is called Vermont Local Roads.	PE	Preliminary Engineering. Project development phase in which project design is determined.
MAB	Municipal Assistance Bureau. VTrans program established to assist local governments with project implementation.	Round-about	Non-signalized circular intersection with specific design and traffic control features to ensure low travel speeds and efficient traffic movement.
MAP-21	The Moving Ahead for Progress in the 21st Century Act (MAP-21) was a funding and authorization bill to govern United States federal surface transportation spending. It was passed by Congress on June 29, 2012.	ROW	Right-of-Way. A phase in the project development process that determines if land rights are needed for construction of a transportation project and negotiates the appropriate compensation.
MPO	Metropolitan Planning Organization. Federally established organization responsible for a cooperative, continuous, and comprehensive framework to make transportation investment decisions within their designated area. CCRPC is the designated MPO for Chittenden County.	SAFETEA-LU	Safe, Accountable, Flexible, Efficient Transportation Equity Act: A Legacy for Users (SAFETEA-LU). This act was passed in August 2005 as the successor to the Transportation Efficiency Act for the 21st Century (TEA-21). The Act added new safety programs, with an emphasis on transportation security.
NHPP	National Highway Preservation Program. The NHPP provides support for the condition and performance of the National Highway System (NHS), for the construction of new facilities on the NHS, and to ensure that investments of Federal-aid funds in highway construction are directed to support progress toward the achievement of performance targets established in a State's asset management plan for the NHS.	Safety Program	Under Sections 154 and 164 of the US Code penalty funds for Open Container and Repeat Offender Laws may be used for Highways Safety Improvement Program (HSIP) eligible activities.
NHS	National Highway System. The NHS includes the Interstate Highway System as well as other roads important to the nation's economy, defense, and mobility. The NHS was developed by the Department of Transportation (DOT) in cooperation with the states, local officials, and metropolitan planning organizations (MPOs).	Scoping	A phase in the project development process that moves a recognized problem from an idea through the development of alternatives and environmental screening.
		Shared Use Path	A path separated from vehicle traffic by barrier or open space usually on its own right-of-way.
		SSTA	Special Services Transportation Agency. Chittenden County based non-profit paratransit provider.
		STIP	Statewide Transportation Improvement Program. The State's four year list of fiscally constrained transportation projects planned for implementation statewide.

GLOSSARY

STP	Surface Transportation Program. Federal program providing flexible funding for projects on any Federal-aid highway, including the NHS, bridge projects on any public road, transit capital projects, and bus facilities.	TIP	Transportation Improvement Program. The four year list of fiscally constrained transportation projects planned for implementation in the region.
TAP	The Transportation Alternatives Program (TAP) provides funding for transportation alternatives, including pedestrian and bicycle facilities, improving non-driver access to public transportation, safe routes to school projects, and recreational trails.	TOD	Transit Oriented Design. High density and mixed use land development around transit system stops.
TCSP	Transportation, Community and System Preservation Program. Federal program that provides funding for planning grants, implementation grants, and research to investigate and address the relationships between transportation, community and system preservation.	Traffic Calming	A combination of measures to reduce the negative effects of vehicle use or to alter driver behaviors.
TDM	Transportation Demand Management. The general term for strategies that result in more efficient use of transportation resources.	TSM	Transportation Systems Management. Relatively low-cost improvements to improve transportation efficiency such as ITS applications or roundabouts.
TEA 21	Transportation Equity Act for the 21st Century (TEA-21) replaced ISTEA to guide federal expenditures for surface transportation in 1999. The Act authorized new flexible programs and increased authorized funding to \$198 billion over 6 years.	USDOT	United States Department of Transportation
		VTrans (or VAOT)	Vermont Agency of Transportation

Transportation Improvement Program FY 2017 - 2020

Chittenden County, Vermont



Projects

Bridge/Culvert Work

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

Intersection Improvement

- Construction FY 2017
- Construction FY 2018
- Construction FY 2019
- Construction FY 2020
- Construction Year Not Determined

Intermodal Facility

- Construction FY 2017

Pedestrian Crossing

- Construction FY 2017

Pedestrian/Bike Project

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

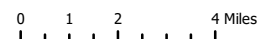
Roadway Improvement

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

NOTE: Once official, this data can also be viewed on the ECOS Map Viewer at <http://map.ccrpvt.org/chittendencountyvt>



1:250,000



Sources:
Project data - updated May 2016 by CCRPC.
Basemap - ESRI's Shaded Relief

Disclaimer:
The accuracy of information presented is determined by its sources. Errors and omissions may exist. The Chittenden County Regional Planning Commission is not responsible for these. Questions of on-the-ground location can be resolved by site inspections and/or surveys by registered surveyor. This map is not sufficient for delineation of features on-the-ground. This map identifies the presence of features, and may indicate relationships between features, but is not a replacement for surveyed information or engineering studies.

Section 2: FY2017–2020 TIP: Projects by Municipality

2017-2020 CCRPC Transportation Improvement Program

As Adopted - July 20, 2016

CCRPC # Project Location	FY17-20 Federal Funds				Other Project Information					
	FY17 Phase	FY18 * Phase	FY19* Phase	FY20* Phase	Total Cost fed+state+local in 2015 Dollars	Fed. Funds Obligated Thru FY15	FY16 Fed Funds Phase	Project Use Category	Federal Funding Source	Remarks
Burlington										
BP078 Champlain Elementary Pedestrian Crossing Improvements Birchcliff and Locust VTrans Number: STP BP13(6)	\$330,000 CON				Total: \$490,000 PE: \$80,000 ROW: \$5,000 CON: \$405,000	\$64,864	\$329,996 CON	Bike/ Pedestrian	STP 80% Federal 10% State 10% Local	2013 Bike/Ped award (\$394,860) for construction of 365 feet of sidewalk and improved crossings on Birchcliff Parkway and Locust Street. <u>VTrans PM:</u> Robertson, Thad
HC001E Champlain Parkway - Engineering and ROW US7 to Main Street VTrans Number: MEGC-M 5000(1)	\$750,000 PE/ROW				Total: \$9,459,159 PE: \$8,362,926 ROW: \$3,654,058 CON:	\$9,459,159	\$1,206,975 PE/ROW	Capacity Expansion	STP 95% Federal 3% State 2% Local	PE and ROW for HC001A. <u>VTrans PM:</u> Bohl, Tina
HC001A Champlain Parkway - US7 to Main Street US7 to Main Street VTrans Number: MEGC-M 5000(1)		\$1,015,000 CON	\$14,654,951 CON	\$14,874,775 CON	Total: \$31,000,000 PE: ROW: CON:			Capacity Expansion	STP 95% Federal 3% State 2% Local	VTrans to use advance construction funding. PE and ROW included under HC001E. <u>VTrans PM:</u> Bohl, Tina
BP092A Colchester Avenue Sidepath - Phase I East Avenue to Mansfield Avenue VTrans Number: STP SDWK(19)	\$180,350 CON				Total: \$260,438 PE: \$35,000 ROW: CON: \$225,438	\$28,000		Bike/ Pedestrian	STP 80% Federal 0% State 20% Local	2014 Sidewalk grant (100,000); 2015 Sidewalk grant (\$108,350) <u>VTrans PM:</u> Kaplan, Jon

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

CCRPC # Project Location	FY17-20 Federal Funds				Other Project Information					
	FY17 Phase	FY18 * Phase	FY19* Phase	FY20* Phase	Total Cost fed+state+local in 2015 Dollars	Fed. Funds Obligated Thru FY15	FY16 Fed Funds Phase	Project Use Category	Federal Funding Source	Remarks
BP092B Colchester Avenue Sidepath - Phase II Mansfield Avenue to South Prospect Street VTrans Number: STP BP15(7)	\$77,840 PE/CON				Total: \$96,000 PE: ROW: CON: \$96,000		\$77,840 PE/CON	Bike/ Pedestrian	STP 80% Federal 10% State 10% Local	2015 Bike/Ped grant (\$77,840) for 385 feet of shared use path. Design completed with project BP092A. <u>VTrans PM:</u> Kaplan, Jon
BP094 Howard Street/ South Winooski Avenue Intersection Improvements Scoping Study VTrans Number: STP BP15(17)				Funds to be obligated in FY16	Total: \$55,000 PE: ROW: CON:		\$40,540 PE	Bike/ Pedestrian	STP 80% Federal 10% State 10% Local	2015 Bike/Ped award (\$40,540) <u>VTrans PM:</u> Kaplan, Jon
BP090 North Avenue Crosswalks VTrans Number: TAP TA15(1)	\$198,316 CON				Total: \$275,395 PE: \$27,500 ROW: CON: \$247,895	\$40,000	\$198,316 CON	Bike/ Pedestrian	STP 80% Federal 0% State 20% Local	2015 Transportation Alternatives award (\$220,316) to construct 5 pedestrian crossings of North Avenue. <u>VTrans PM:</u> Robertson, Scott
HC015 Railyard Enterprise Project Waterfront South Area VTrans Number: BREP(2)	\$960,000 PE		\$252,723 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. <u>VTrans PM:</u> Perrigo, Joel
HP085 Shelburne Street Roundabout Shelburne St/South Willard St/St. Paul St VTrans Number: HES 5000(18)	\$300,000 PE/ROW		\$1,030,225 CON	\$1,526,690 CON	Total: \$3,460,000 PE: \$900,000 ROW: \$100,000 CON: \$2,460,000	\$202,747	\$100,000 ROW	Function and Performance Preservation	Safety 100% Federal 0% State 0% Local	 <u>VTrans PM:</u> Coburn, Patti

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

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

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

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CCRPC # Project Location	FY17-20 Federal Funds				Other Project Information					
	FY17 Phase	FY18 * Phase	FY19* Phase	FY20* Phase	Total Cost fed+state+local in 2015 Dollars	Fed. Funds Obligated Thru FY15	FY16 Fed Funds Phase	Project Use Category	Federal Funding Source	Remarks
Colchester										
HP119 Blakely Road/Laker Lane Intersection Improvements					Total: \$360,000 PE: \$50,000 ROW: CON: \$310,000		\$55,000 PE	Function and Performance Preservation	STP 100% Federal 0% State 0% Local	CIRC Alt Phase III project.
VTrans Number: STP 5600(21)	CIRC Alternative Project - construction schedule to be determined				<u>VTrans PM:</u> Perrigo, Joel					
HP102 Exit 16 Improvements		\$2,030,000 CON	\$4,120,900 CON	\$2,143,641 CON	Total: \$9,800,000 PE: \$1,500,000 ROW: \$250,000 CON: \$8,050,000	\$292,636		Capacity Expansion	Safety 100% Federal 0% State 0% Local	CIRC Alt Phase I project. Construction of a diverging diamond and improvements at Mountain View Dr., Hercules Dr. and Rathe Rd. PE funded with \$200,000 in Section 164 funds.
VTrans Number: HES NH 5600(14)	CIRC Alternative Project				<u>VTrans PM:</u> Coburn, Patti					
IN014 Exit 16 Park and Ride	\$250,000 CON				Total: \$1,300,000 PE: \$50,000 ROW: \$1,000,000 CON: \$250,000	\$1,250,000	\$250,000 CON	Intermodal	CMAQ 100% Federal 0% State 0% Local	
VTrans Number: CMG PARK(47)					<u>VTrans PM:</u> Bohl, Tina					
BR050 Exit 17 Improvements	\$400,000 PE				Total: \$17,600,000 PE: \$500,000 ROW: \$100,000 CON: \$17,000,000		\$600,000 PE	Function and Performance Preservation	STP 100% Federal 0% State 0% Local	Project includes reconstruction of BR18A carrying US2 over I-89 and interchange upgrades.
VTrans Number: NH 028-1(31)					<u>VTrans PM:</u> Coburn, Patti					

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CCRPC # Project Location	FY17-20 Federal Funds				Other Project Information					
	FY17 Phase	FY18 * Phase	FY19* Phase	FY20* Phase	Total Cost fed+state+local in 2015 Dollars	Fed. Funds Obligated Thru FY15	FY16 Fed Funds Phase	Project Use Category	Federal Funding Source	Remarks
BP068 Fort Ethan Allen Sidewalk Improvements	\$297,600 CON				Total: \$462,190 PE: \$100,000 ROW: \$10,000 CON: \$352,190	\$96,545	\$297,600 CON	Bike/ Pedestrian	SAFETEA-LU Earmark 80 % Federal 0 % State 20 % Local	Project to use unexpended earmark funds from project HC009 Campus Connector -- SAFETEA-LU (\$352,519) and Sec 129 (\$21,541)
VTrans Number: STP 5600(15)					VTrans PM: Robertson, Scott					
BP096 Mountain View Drive Sidewalk	\$90,000 CON				Total: \$232,049 PE: \$100,000 ROW: \$20,000 CON: \$112,049	\$38,000		Bike/ Pedestrian	STP 80 % Federal 0 % State 20 % Local	2015 CCRPC Sidewalk grant (\$75,000); 2016 CCRPC Sidewalk grant (\$82,639)
VTrans Number: STP SDWK(20)					VTrans PM: Perrigo, Joel					
HP118 Prim Road/West Lakeshore Drive Intersection Improvements					Total: \$1,730,000 PE: \$240,000 ROW: \$200,000 CON: \$1,290,000		\$290,000 PE	Function and Performance Preservation	STP 100 % Federal 0 % State 0 % Local	CIRC Alt Phase III project.
VTrans Number: STP 5600(20) CIRC Alternative Project - construction schedule to be determined					VTrans PM: Perrigo, Joel					
HP110 Severance Corners Intersection Project		\$649,600 ROW		\$4,182,714 CON	Total: \$6,000,000 PE: \$200,000 ROW: \$800,000 CON: \$5,000,000	\$200,000		Capacity Expansion	STP 80 % Federal 20 % State 0 % Local	CIRC Alt Phase II implementation project.
US7/Town Highway 7/Town Highway 9 VTrans Number: STPG 5600(17) CIRC Alternative Project					VTrans PM: 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					VTrans PM: CIRC Alternative					

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CCRPC # Project Location	FY17-20 Federal Funds				Other Project Information					
	FY17 Phase	FY18 * Phase	FY19* Phase	FY20* Phase	Total Cost fed+state+local in 2015 Dollars	Fed. Funds Obligated Thru FY15	FY16 Fed Funds Phase	Project Use Category	Federal Funding Source	Remarks
HP114 US2/Clay Point Road (TH58) Improvements					Total: \$1,078,542 PE: \$115,000 ROW: CON: \$963,542		\$754,400 CON	Function and Performance Preservation	Safety 100% Federal 0% State 0% Local	Construction of left-turn lanes
VTrans Number: HES 028-1(28)	Funds to be obligated in FY16									<u>VTrans PM:</u> Coburn, Patti
HP003 VT2A Improvements					Total: \$3,900,000 PE: ROW: CON:		\$150,000 PE	Function and Performance Preservation	STP 80% Federal 20% State 0% Local	CIRC Alternative Phase III project. Project includes improvements to Mill Pond Rd intersection.
Colchester Village VTrans Number: STP 5600(19)	CIRC Alternative Project - construction schedule to be determined									<u>VTrans PM:</u> Coburn, Patti
HP037 VT2A/US7/Creek Rd/Bay Rd Intersection	\$2,378,880 CON				Total: \$4,583,600 PE: \$1,010,000 ROW: \$600,000 CON: \$2,973,600	\$1,816,951	\$380,000 CON	Function and Performance Preservation	STP 80% Federal 20% State 0% Local	
VTrans Number: STP 5600(9)S										<u>VTrans PM:</u> Coburn, Patti
BP070 West Lakeshore Drive Path	\$80,000 ROW	\$1,091,460 CON			Total: \$1,772,017 PE: \$307,693 ROW: \$100,000 CON: \$1,364,324	\$147,835	\$540,000 CON	Bike/ Pedestrian	STP 80% Federal % State % Local	Project includes 2013 TA (\$250,000); 2015 TA (\$300,000); 2013 CCRPC Sidewalk (\$139,835); 2014 CCRPC Sidewalk (\$147,200); 2015 Bike/Ped (\$431,345).
Church Road to Prim Road VTrans Number: STP BP15(4)/ STP SDWK(16)/ TAP TA13(5)										<u>VTrans PM:</u> Robertson, Thad

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CCRPC # Project Location	FY17-20 Federal Funds				Other Project Information					
	FY17 Phase	FY18 * Phase	FY19* Phase	FY20* Phase	Total Cost fed+state+local in 2015 Dollars	Fed. Funds Obligated Thru FY15	FY16 Fed Funds Phase	Project Use Category	Federal Funding Source	Remarks
Colchester-Essex										
BP069 VT15 Multiuse Path	\$60,000 ROW		\$1,026,794 CON		Total: \$1,520,838 PE: \$200,000 ROW: \$75,000 CON: \$1,245,838	\$162,160		Bike/ Pedestrian	STP 80% Federal 20% State 0% Local	CIRC Alternatives Phase II implementation project.
Lime Kiln Road to Susie Wilson Road VTrans Number: NH 030-1(34)		CIRC Alternative Project								<u>VTrans PM:</u> Coburn, Patti
HP128 VT15 Traffic Signal Upgrades	\$100,000 CON				Total: \$235,000 PE: \$15,000 ROW: CON: \$220,000	\$130,637		Function and Performance Preservation	STP 100% Federal 0% State 0% Local	Signal upgrades for 4 signals on VT15 -- St. Michael's College, West St. Extension, VT289 Ramps.
VTrans Number: STPG SGNL(45)										<u>VTrans PM:</u> Coburn, Patti
Essex										
BR048 Alder Brook Culvert (BR2) on VT117			\$1,184,759 CON		Total: \$1,577,500 PE: \$120,000 ROW: \$20,000 CON: \$1,437,500	\$97,296		Bridge Preservation	STP 80% Federal 20% State 0% Local	Replacement of a failed buried structure on VT117 carrying Alder Brook.
VTrans Number: BF 5400(9)										<u>VTrans PM:</u> Young, Robert
BP091 Pinecrest Drive Sidewalk		\$174,215 CON			Total: \$357,770 PE: \$115,000 ROW: \$25,000 CON: \$217,770	\$80,000	\$261,216 CON	Bike/ Pedestrian	STP 80% Federal 0% State 20% Local	2015 Transportation Alternatives grant (\$286,216)
VT2A to Suffolk Lane VTrans Number: TAP TA15(4)										<u>VTrans PM:</u> Perrigo, Joel

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CCRPC # Project Location	FY17-20 Federal Funds				Other Project Information					
	FY17 Phase	FY18 * Phase	FY19* Phase	FY20* Phase	Total Cost fed+state+local in 2015 Dollars	Fed. Funds Obligated Thru FY15	FY16 Fed Funds Phase	Project Use Category	Federal Funding Source	Remarks
HP120 Susie Wilson Road Corridor and Intersection Improvements	\$100,000 PE				Total: \$8,500,000 PE: \$150,000 ROW: CON:		\$50,000 PE	Capacity Expansion	STP 100% Federal 0% State 0% Local	CIRC Alt Phase III project. Includes improvements to VT15/Susie Wilson Rd and Susie Wilson/Kellogg Rd
VTrans Number: STP 5400(11)	CIRC Alternative Project - construction schedule to be determined									<u>VTrans PM:</u> Coburn, Patti
OT025 Sydney Drive Detention Pond	\$175,953 CON				Total: \$304,942 PE: \$85,000 ROW: CON: \$219,942		\$68,000 PE	Other	STP 80% Federal 0% State 20% Local	2016 TA award (\$243,954) for retrofit of a detention pond in a wooded area adjacent to Sydney Drive.
VTrans Number: TAP TA16(5)										<u>VTrans PM:</u> Perrigo, Joel
BP086 Towers Road Sidewalk	\$134,593 ROW/CON				Total: \$234,050 PE: \$50,000 ROW: \$15,000 CON: \$169,050	\$40,540		Bike/ Pedestrian	STP 80% Federal 10% State 10% Local	2014 Bike/Ped award (\$175,133) for 1,000 feet of sidewalk along Towers Road.
VTrans Number: STP BP14(7)										<u>VTrans PM:</u> Perrigo, Joel
HP098B VT117 Paving	\$500,000 CON	\$3,579,479 CON			Total: \$5,233,484 PE: \$200,262 ROW: CON: \$5,033,222	\$162,160		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)										<u>VTrans PM:</u> Fowler, Mike
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

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CCRPC # Project Location	FY17-20 Federal Funds				Other Project Information					
	FY17 Phase	FY18 * Phase	FY19* Phase	FY20* Phase	Total Cost fed+state+local in 2015 Dollars	Fed. Funds Obligated Thru FY15	FY16 Fed Funds Phase	Project Use Category	Federal Funding Source	Remarks
HP121 VT117/North Williston Road Intersection Improvements	\$50,000 PE	\$203,000 PE			Total: \$3,175,000 PE: \$250,000 ROW: \$50,000 CON: \$2,875,000			Function and Performance Preservation	STP 100% Federal 0% State 0% Local	CIRC Alt Phase III project.
VTrans Number: STP 5400(10)		CIRC Alternative Project - construction schedule to be determined								<u>VTrans PM:</u> CIRC Alternative
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	\$75,000 ROW		\$1,030,225 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
HP101B VT2A/VT289 Intersection	\$1,467,400 CON				Total: \$1,667,400 PE: \$200,000 ROW: CON: \$1,467,400	\$200,000		Capacity Expansion	STP 100% Federal 0% State 0% Local	CIRC Alt Project. Phase II includes geometric changes to the intersection.
Phase II Improvements VTrans Number: STP 5400(7)		CIRC Alternative Project								<u>VTrans PM:</u> Coburn, Patti

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CCRPC # Project Location	FY17-20 Federal Funds				Other Project Information					
	FY17 Phase	FY18 * Phase	FY19* Phase	FY20* Phase	Total Cost fed+state+local in 2015 Dollars	Fed. Funds Obligated Thru FY15	FY16 Fed Funds Phase	Project Use Category	Federal Funding Source	Remarks
Essex Junction										
OT026 Creek Condominiums Stormwater Project	\$94,456 ROW/CON				Total: \$220,000 PE: \$60,000 ROW: \$75,000 CON: \$85,000		\$48,000 PE	Other	STP 80% Federal 0% State 20% Local	2016 TA award (\$142,456) to construct a gravel wetland for runoff from Creek Condominiums and portions of village road.
VTrans Number: TAP TA16(7)					VTrans PM: Perrigo, Joel					
HC014 Crescent Connector	\$1,600,000 CON	\$3,755,500 CON			Total: \$7,171,661 PE: \$872,022 ROW: \$299,639 CON: \$6,000,000	\$972,960	\$2,400,000 CON	Capacity Expansion	STP 80% Federal 20% State 0% Local	CIRC Alt Phase I project. Construction of a new road connecting VT2A and VT117.
VT2A to VT117 VTrans Number: STP 5300(13)					CIRC Alternative Project VTrans PM: Deforge, Ande					
BP071B Multi-Use Safety Path					Total: \$497,500 PE: \$128,897 ROW: \$8,000 CON: \$368,595	\$137,600	\$310,150 CON	Bike/ Pedestrian	STP 80% Federal 0% State 20% Local	2013 Transportation Alternatives grant (\$250,000).
Central Street to North Street VTrans Number: TAP TA13(6)					Funds to be obligated in FY16 VTrans PM: Perrigo, Joel					
HP124B Paving VT15 and VT117					Total: \$3,192,701 PE: \$215,141 ROW: CON: \$2,977,560	\$243,240	\$3,248,000 CON	Function and Performance Preservation	NHPP 80% Federal 20% State 0% Local	Paving Class I Town Highway Routes on National Highway System in Essex Junction.
National Highway System VTrans Number: NH 2956(2)					Funds to be obligated in FY16 VTrans PM: Fowler, Mike					
HP124A Paving VT2A					Total: \$1,488,455 PE: \$158,246 ROW: CON: \$1,330,209	\$121,620	\$901,600 CON	Function and Performance Preservation	STP 80% Federal 20% State 0% Local	Paving of Class I Town Highways in Essex Junction (non-NHS)
Non-National Highway System VTrans Number: STP 2956(1)					Funds to be obligated in FY16 VTrans PM: Fowler, Mike					

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CCRPC # Project Location	FY17-20 Federal Funds				Other Project Information					
	FY17 Phase	FY18 * Phase	FY19* Phase	FY20* Phase	Total Cost fed+state+local in 2015 Dollars	Fed. Funds Obligated Thru FY15	FY16 Fed Funds Phase	Project Use Category	Federal Funding Source	Remarks
HP111 Pearl Street Improvements	\$500,000 CON	\$970,340 CON			Total: \$2,120,000 PE: \$250,000 ROW: \$50,000 CON: \$1,820,000	\$251,348	\$40,000 ROW	Function and Performance Preservation	STP 80% Federal 20% State 0% Local	CIRC Alternatives Phase II implementation project.
Post Office Square to 5-Corners VTrans Number: STP 5300(14)		CIRC Alternative Project								<u>VTrans PM:</u> Perrigo, Joel

Essex, Williston

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

Hinesburg

BR053 BR24 on VT116	\$28,000 Scoping				Total: PE: ROW: CON:			Bridge Preservation	STP 80% Federal 20% State 0% Local	Replace a failing cattle underpass
North of North Road VTrans Number: BF 021-1(35)										<u>VTrans PM:</u>
BP066 Village North Sidewalk	\$124,000 CON				Total: \$255,000 PE: \$85,000 ROW: \$15,000 CON: \$155,000	\$81,080	\$124,000 CON	Bike/ Pedestrian	STP 80% Federal 10% State 10% Local	2012 Bike/Ped grant (\$190,538)
VT116 from Commerce Street to Riggs Road VTrans Number: STP BIKE(54)										<u>VTrans PM:</u> Perrigo, Joel

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

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

Huntington

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

Interstate/Expressway

BR047 I-89 Bridge Rehabilitation, Bolton	\$90,000 PE		\$463,601 CON		Total: \$600,000 PE: \$100,000 ROW: \$500,000 CON: \$500,000	\$22,500		Bridge Preservation	NHPP 90% Federal 10% State 0% Local	
Culvert 51-3 Carrying Notch Road VTrans Number: IM 089-2(45)										VTrans PM: Fitch, Jennifer

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CCRPC # Project Location	FY17-20 Federal Funds				Other Project Information					
	FY17 Phase	FY18 * Phase	FY19* Phase	FY20* Phase	Total Cost fed+state+local in 2015 Dollars	Fed. Funds Obligated Thru FY15	FY16 Fed Funds Phase	Project Use Category	Federal Funding Source	Remarks
BR032 I-89 Bridge Rehabilitation, Colchester BR76 (Bay Road) and BR77 (Mallets Creek) VTrans Number: IM 089-3(69)	\$902,350 PE	\$5,481,000 CON			Total: \$7,002,613 PE: \$1,002,613 ROW: CON: \$6,000,000	\$122,500		Bridge Preservation	NHPP 90% Federal 10% State 0% Local	Necessary rehabilitation of bridges 76 N&S and 77 N&S. Project schedule to be coordinated with Colchester Exit 16 Project (HP102).
<i>VTrans PM:</i> Higgins, Kristen										
BR044 I-89 Bridge Rehabilitation, Colchester Culvert 75-1N - North of Blakely Road VTrans Number: IM 089-3(71)					Total: \$2,006,871 PE: \$306,871 ROW: CON: \$1,700,000	\$112,500	\$1,530,000 CON	Bridge Preservation	NHPP 90% Federal 10% State 0% Local	
Funds to be obligated in FY16 <i>VTrans PM:</i> Fitch, Jennifer										
BR039 I-89 Bridge Replacement, Milton Bridge 81 over the Lamoille River VTrans Number: IM 089-3(66)					Total: \$25,633,116 PE: \$225,316 ROW: CON: \$25,407,800	\$22,903,056		Bridge Preservation	NHPP 90% Federal 10% State 0% Local	Design build project.
Funds obligated in FY14 <i>VTrans PM:</i> Sumner, Todd										
BR041 I-89 Culvert Improvements, South Burlington Culverts 63 and 64. VTrans Number: IM CULV(24)	\$4,413,015 CON				Total: \$10,053,069 PE: \$300,129 ROW: CON: \$9,753,069	\$270,000	\$4,365,000 CON	Bridge Preservation	NHPP 95% Federal 5% State 0% Local	Design build project.
<i>VTrans PM:</i> Mahendraratnam, T										

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

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CCRPC # Project Location	FY17-20 Federal Funds				Other Project Information					
	FY17 Phase	FY18 * Phase	FY19* Phase	FY20* Phase	Total Cost <i>fed+state+local in 2015 Dollars</i>	Fed. Funds Obligated Thru FY15	FY16 Fed Funds Phase	Project Use Category	Federal Funding Source	Remarks
Jericho-Richmond										
HP098A VT117 Paving	\$1,000,000 CON	\$3,657,629 CON			Total: \$6,068,869 PE: \$314,400 ROW: CON: \$5,754,469	\$168,240	\$3,349,720 CON	Function and Performance Preservation	STP 80% Federal 20% State 0% Local	Essex Town Line to US2. <

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CCRPC # Project Location	FY17-20 Federal Funds				Other Project Information					
	FY17 Phase	FY18 * Phase	FY19* Phase	FY20* Phase	Total Cost fed+state+local in 2015 Dollars	Fed. Funds Obligated Thru FY15	FY16 Fed Funds Phase	Project Use Category	Federal Funding Source	Remarks
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 obligated				<u>VTrans PM:</u>					
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:					<u>VTrans PM:</u> 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:					<u>VTrans PM:</u> 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:					<u>VTrans PM:</u> Regional					
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					

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

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CCRPC # Project Location	FY17-20 Federal Funds				Other Project Information					
	FY17 Phase	FY18 * Phase	FY19* Phase	FY20* Phase	Total Cost fed+state+local in 2015 Dollars	Fed. Funds Obligated Thru FY15	FY16 Fed Funds Phase	Project Use Category	Federal Funding Source	Remarks
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
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
BR054 Small Culverts	\$100,000 PE/ROW/CON	\$100,000 PE/ROW/CON	\$100,000 PE/ROW/CON	\$100,000 PE/ROW/CON	Total: PE: ROW: CON:			Bridge Preservation	NHPP/STP % Federal % State % Local	Funding for small culvert projects in Chittenden County.
Regional VTrans Number:										<u>VTrans PM:</u> Regional
HP050 Statewide Traffic Signal Re- Timing	\$35,000 PE	\$35,000 PE	\$35,000 PE	\$35,000 PE	Total: PE: ROW: CON:		\$35,000 PE	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:										<u>VTrans PM:</u> Regional
HP027 Traffic Signals	\$10,000 PE	\$10,000 PE	\$10,000 PE	\$10,000 PE	Total: PE: ROW: CON:		\$10,000 PE	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

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CCRPC # Project Location	FY17-20 Federal Funds				Other Project Information					
	FY17 Phase	FY18 * Phase	FY19* Phase	FY20* Phase	Total Cost <i>fed+state+local in 2015 Dollars</i>	Fed. Funds Obligated Thru FY15	FY16 Fed Funds Phase	Project Use Category	Federal Funding Source	Remarks
HP054 Traffic Signals and Optimization					Total:			Function and Performance Preservation	STP	CCRPC traffic signal project.
					PE:				100% Federal	
					ROW:				0% State	
					CON:				0% Local	
VTrans Number:										<u>VTrans PM:</u> Regional
Richmond										
BR046 Richmond Bridge 32 on US2 over Snipe Island Brook	\$875,122 CON				Total: \$1,320,929	\$75,000	\$52,000 ROW	Bridge Preservation	STP	
					PE: \$175,929				80% Federal	
					ROW: \$63,000				20% State	
					CON: \$1,082,000				0% Local	
VTrans Number: BF 0284(28)										<u>VTrans PM:</u> Young, Robert
Shelburne										
OT027 Nesti/VELCO Gravel Wetlands Project	\$87,000 CON				Total: \$360,000			Other	STP	2016 TA award (\$87,000) to construct a gravel wetland stormwater treatment system to treat runoff from Shelburne Bay. Other funding sources include Lake Champlain Basin Program, Waterwheel Foundation and Clean Water Initiative Program.
					PE: \$60,000				80% Federal	
					ROW:				0% State	
					CON: \$300,000				20% Local	
VTrans Number: TAP TA16(6)										<u>VTrans PM:</u> Perrigo, Joel
HP127 US7/Harbor Road/Falls Road					Total: \$1,540,000			Function and Performance Preservation	STP	Intersection upgrades. Illustrative project pending the availability of federal funds.
					PE: \$140,000				80% Federal	
					ROW:				20% State	
					CON: \$1,400,000				0% Local	
VTrans Number:		Illustrative								<u>VTrans PM:</u>

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CCRPC # Project Location	FY17-20 Federal Funds				Other Project Information					
	FY17 Phase	FY18 * Phase	FY19* Phase	FY20* Phase	Total Cost fed+state+local in 2015 Dollars	Fed. Funds Obligated Thru FY15	FY16 Fed Funds Phase	Project Use Category	Federal Funding Source	Remarks
BP084 Village Sidewalk and Crosswalks	\$111,890 CON				Total: \$150,000 PE: \$35,000 ROW: CON: \$115,000	\$28,378	\$111,890 CON	Bike/ Pedestrian	STP 80% Federal 10% State 10% Local	2014 Bike/Ped award (\$111,890) and 2016 Sidewalk award (\$22,345) to construct 600 feet of sidewalk along Shelburne Rd.
Shelburne Museum to Town Offices VTrans Number: STP BP14(5)										<u>VTrans PM:</u> Perrigo, Joel

South Burlington

OT028 Butler Farms/Oak Creek Village Culvert Replacement	\$236,000 CON				Total: \$498,000 PE: \$85,500 ROW: CON: \$412,500		\$64,000 PE	Other	STP 80% Federal 0% State 20% Local	2016 TA award (\$300,000) to replace two undersized culverts near Butler Farms/Oak Creek Village.
VTrans Number: TAP TA16(8)										<u>VTrans PM:</u> Perrigo, Joel
HC012 I-89 Exit 14 Upgrades					Total: \$1,564,400 PE: ROW: CON:			Capacity Expansion	SAFETEA-LU Earmark 80% Federal % State % Local	SAFETEA-LU earmark. Demo ID number VT039. Earmark amount \$4 M programmed at 90%. \$2.1 M was used for Improvements to I-89 Exit 14 Ramp C, \$150,000 for Intercept Facility Scoping, \$401,588 for Staples Lane.
VTrans Number:										<u>VTrans PM:</u> Earmark
HC010B Market Street Reconstruction	\$2,652,000 CON				Total: \$6,673,369 PE: \$2,000,000 ROW: \$60,000 CON: \$4,613,369	\$973,000	\$2,500,000 CON	Capacity Expansion	SAFETEA-LU Earmark 80% Federal 0% State 20% Local	Demo ID number VT058. Earmark amount \$5 M programmed at 90%. Balance of PE to come from STP Earmark (Project HC010A).
Transportation Improvements VTrans Number: STP 5200(17)										<u>VTrans PM:</u> Perrigo, Joel

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CCRPC # Project Location	FY17-20 Federal Funds				Other Project Information					
	FY17 Phase	FY18 * Phase	FY19* Phase	FY20* Phase	Total Cost fed+state+local in 2015 Dollars	Fed. Funds Obligated Thru FY15	FY16 Fed Funds Phase	Project Use Category	Federal Funding Source	Remarks
BR043 VT116 Potash Brook Culvert	\$818,910 CON				Total: \$1,229,779 PE: \$199,779 ROW: \$30,000 CON: \$1,000,000	\$121,620	\$160,000 ROW	Bridge Preservation	STP 80% Federal 20% State 0% Local	Replace culvert
VTrans Number: STP SCRP(8)					VTrans PM: Upmal, Ken					
BP085A VT116 Sidewalk to Tilley Drive					Total: \$59,375 PE: \$40,000 ROW: \$0 CON: \$19,375	\$52,300	\$4,000 ROW	Bike/ Pedestrian	STP 80% Federal 10% State 10% Local	2011 CCRPC Sidewalk grant (\$47,500) to construct 800 feet of sidewalk on the west side of Hinesburg Road.
VTrans Number: STP SDWK(10) Funds to be obligated in FY16					VTrans PM: Robertson, Scott					
BP085B VT116 Sidewalk to Tilley Drive	\$136,214 CON				Total: \$168,000 PE: ROW: CON: \$168,000			Bike/ Pedestrian	STP 80% Federal 10% State 10% Local	2014 Bike/Ped award (\$136,214) to construct project BP085A
VTrans Number: STP BP14(6)					VTrans PM: Robertson, Scott					

South Burlington-Williston

HP104 US2 Paving	\$5,019,061 CON				Total: \$6,624,160 PE: \$433,902 ROW: CON: \$6,190,258	\$243,240	\$4,800,000 CON	Function and Performance Preservation	NHPP 80% Federal 20% State 0% Local	Paving beginning 1.3 miles east of VT116 and extending east 2.2 miles.
VTrans Number: NH 2944(1)					VTrans PM: Fowler, Mike					

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CCRPC # Project Location	FY17-20 Federal Funds				Other Project Information					
	FY17 Phase	FY18 * Phase	FY19* Phase	FY20* Phase	Total Cost fed+state+local in 2015 Dollars	Fed. Funds Obligated Thru FY15	FY16 Fed Funds Phase	Project Use Category	Federal Funding Source	Remarks
Transit										
TR061A CCTA Capital - Buses, Facilities and Equipment	\$7,600,000	\$3,000,000	\$3,000,000	\$3,000,000	Total: PE: ROW: CON:		\$2,000,000	Transit	FTA Sec. 5309/5339 80% Federal 10% State 10% Local	Federal funds for vehicle replacement past their useful life, facilities, transit technology, shelters, lighting, bike racks and support equipment. Pending award of funds.
VTrans Number:										<u>VTrans PM:</u> Transit
TR061B CCTA Capital - Buses, Facilities and Equipment	\$2,400,000				Total: PE: ROW: CON:			Transit	STP Transfer 80% Federal 10% State 10% Local	
VTrans Number:										<u>VTrans PM:</u> Transit
TR078 CCTA Capital - Facility and Bus Heavy Repairs	\$1,000,000	\$300,000	\$300,000	\$300,000	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	\$1,000,000	\$500,000	\$500,000	Total: PE: ROW: CON:			Transit	STP Transfer 80% Federal 10% State 10% Local	Improved fare payment system. Pending award of funds to CCTA.
VTrans Number:										<u>VTrans PM:</u> Transit

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

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

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

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

CCRPC # Project Location	FY17-20 Federal Funds				Other Project Information					
	FY17 Phase	FY18 * Phase	FY19* Phase	FY20* Phase	Total Cost fed+state+local in 2015 Dollars	Fed. Funds Obligated Thru FY15	FY16 Fed Funds Phase	Project Use Category	Federal Funding Source	Remarks
TR060A Paratransit Rolling Stock - Elderly & Disabled	\$156,500	\$75,000	\$232,500	\$400,000	Total:		\$325,000	Transit	VT. Sec. 5310	Replacement and expansion of sedan, cutaway and van fleet. Funding pending award.
VTrans Number:					PE:				80% Federal	
					ROW:				10% State	
					CON:				10% Local	
										<u>VTrans PM:</u> Transit
TR080 Paratransit Scheduling Software and Hardware			\$50,000	\$50,000	Total:			Transit	STP Transfer	Maintenance and licensing fees. Funds awarded to VTrans. Pending award of funds to CCTA.
VTrans Number:					PE:				80% Federal	
					ROW:				20% State	
					CON:				0% Local	
										<u>VTrans PM:</u> Transit
IN001C Regional Transit Center - Downtown Burlington			\$1,000,000		Total: \$12,125,430			Intermodal	STP Transfer	Construction cost for regional transit center.
VTrans Number:					PE: \$3,177,837				80% Federal	
					ROW: \$283,600				10% State	
					CON: \$8,663,993				10% Local	
										<u>VTrans PM:</u> Transit
Underhill										
BP077 VT15/Underhill Flats Sidewalks	\$300,000 CON				Total: \$453,039	\$67,039	\$300,000 CON	Bike/ Pedestrian	STP	2013 Bike/Ped Grant (\$347,022) for construction of 2,640 feet of sidewalk along VT15 from Park St. to Dumas.
VTrans Number: STP BP13(5)					PE: \$67,039				80% Federal	
					ROW: \$26,000				10% State	
					CON: \$360,000				10% Local	
										<u>VTrans PM:</u> Kaplan, Jon

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

CCRPC # Project Location	FY17-20 Federal Funds				Other Project Information					
	FY17 Phase	FY18 * Phase	FY19* Phase	FY20* Phase	Total Cost fed+state+local in 2015 Dollars	Fed. Funds Obligated Thru FY15	FY16 Fed Funds Phase	Project Use Category	Federal Funding Source	Remarks
Williston										
BP082 Harvest Lane Sidewalk					Total: \$255,000 PE: \$50,000 ROW: \$0 CON: \$205,000	\$64,000	\$164,000 CON	Bike/ Pedestrian	STP 80% Federal 0% State 20% Local	\$203,000 Transportation Alternatives grant for 1,325 feet of sidewalk on Harvest Lane.
VTrans Number: TAP TA14(3)	Funds to be obligated in FY16				<u>VTrans PM:</u> Perrigo, Joel					
HC016A I-89 Exit 12 Improvements - Stage 1		\$32,480 ROW	\$1,236,270 CON		Total: \$1,790,000 PE: \$250,000 ROW: \$40,000 CON: \$1,500,000		\$200,000 PE	Capacity Expansion	NHPP/STP 80% Federal 20% State 0% Local	CIRC Alt Phase III project. New shared use path under I-89 and new VT2A lane from Marshall Ave to I-89 NB ramp.
VTrans Number: NH 5500(18)	CIRC Alternative Project				<u>VTrans PM:</u> 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				<u>VTrans PM:</u> Upmal, Ken					
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					

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

CCRPC # Project Location	FY17-20 Federal Funds				Other Project Information					
	FY17 Phase	FY18 * Phase	FY19* Phase	FY20* Phase	Total Cost fed+state+local in 2015 Dollars	Fed. Funds Obligated Thru FY15	FY16 Fed Funds Phase	Project Use Category	Federal Funding Source	Remarks
HP122 Mountain View Road Shoulder Improvements					Total: \$3,500,000 PE: ROW: CON:			Bike/ Pedestrian	STP 80% Federal 20% State 0% Local	CIRC Alt Phase III project. Shoulder improvements for bike/ped use. Project includes shoulders on Redmond Road to IBM access road.
VTrans Number:	CIRC Alternative Project - Funding schedule to be determined									<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
HP010 US2/Industrial Avenue Intersection	\$580,000 ROW		\$2,060,450 CON	\$1,113,647 CON	Total: \$5,813,391 PE: \$725,000 ROW: \$1,260,000 CON: \$3,828,391	\$926,430	\$608,000 ROW	Function and Performance Preservation	STP 80% Federal 20% State 0% Local	Reconstruction of intersection and resurfacing of US2 from S. Burlington line east 1.5 miles.
VTrans Number:	STP M 5500(7)S									<u>VTrans PM:</u> Martin, Bruce
HP109 US2/Trader Lane Traffic Signal					Total: \$1,075,000 PE: \$150,000 ROW: \$75,000 CON: \$850,000	\$250,000	\$60,000 ROW	Function and Performance Preservation	STP 0% Federal 100% State 0% Local	CIRC Alternatives Phase II implementation project. Project will be funded with state funds.
VTrans Number:	STPG 5500(14) CIRC Alternative Project - Project to be funded wth State funds									<u>VTrans PM:</u> Coburn, Patti
VT2A Infill Sidewalk, South of Taft Corners - West Side	\$77,000 ROW/CON				Total: \$146,083 PE: \$50,000 ROW: \$10,000 CON: \$86,083			Bike/ Pedestrian	STP % Federal % State % Local	CCRPC Sidewalk grants - FY15 - \$75,000; FY16 - \$41,866.
VTrans Number:	STP SDWK(21)									<u>VTrans PM:</u> Perrigo, Joel

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

CCRPC # Project Location	FY17-20 Federal Funds				Other Project Information					
	FY17 Phase	FY18 * Phase	FY19* Phase	FY20* Phase	Total Cost fed+state+local in 2015 Dollars	Fed. Funds Obligated Thru FY15	FY16 Fed Funds Phase	Project Use Category	Federal Funding Source	Remarks
HP105 VT2A Paving	\$1,680,000 CON				Total: \$2,331,281 PE: \$306,092 ROW: CON: \$2,025,189	\$162,160	\$1,680,000 CON	Function and Performance Preservation	NHPP 80% Federal 20% State 0% Local	Paving 1.15 miles of VT2A in Williston. 2.9 miles north of St. George line extending north 1.035 miles.
MM 2.77 to 3.92 VTrans Number: NH 2949(1)										<u>VTrans PM:</u> 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								<u>VTrans PM:</u> CIRC Alternative
HP123 VT2A/Industrial Avenue/Mountain View Road Intersection Improvements	\$160,000 PE		\$41,209 ROW		Total: \$5,000,000 PE: \$450,000 ROW: \$50,000 CON: \$4,500,000	\$200,000		Capacity Expansion	STP 80% Federal 20% State 0% Local	CIRC Alt Phase III project. Project includes new two-way left-turn lane between Industrial Ave and River Cove Rd.
VTrans Number: STP 5500(17)		CIRC Alternative Project								<u>VTrans PM:</u> Coburn, Patti
HP090 VT2A/James Brown Drive Traffic Signal	\$700,000 CON	\$1,223,720 CON			Total: \$2,655,635 PE: \$550,000 ROW: \$200,000 CON: \$1,905,635	\$700,000		Capacity Expansion	STP 100% Federal 0% State 0% Local	CIRC Alt Phase I project. Traffic signal at James Brown Drive with pedestrian phasing and crosswalks, two-way left-turn lane from River Cove Rd. to Eastview Dr., sidewalk on east side of VT2A.
VTrans Number: STP HES 5500(12)		CIRC Alternative Project								<u>VTrans PM:</u> Coburn, Patti
IN004A Williston Park and Ride	\$1,400,000 CON				Total: \$3,573,000 PE: \$545,000 ROW: \$1,628,000 CON: \$1,400,000	\$2,068,000		Intermodal	CMAQ 100% Federal 0% State 0% Local	Construct replacement park and ride lot near I-89 Exit 12.
New park and ride lot south of I-89 VTrans Number: CMG PARK(29)										<u>VTrans PM:</u> Bohl, Tina

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

CCRPC # Project Location	FY17-20 Federal Funds				Other Project Information					
	FY17 Phase	FY18 * Phase	FY19* Phase	FY20* Phase	Total Cost fed+state+local in 2015 Dollars	Fed. Funds Obligated Thru FY15	FY16 Fed Funds Phase	Project Use Category	Federal Funding Source	Remarks
Winooski										
HP113 Winooski Circulator					Total: \$1,487,830 PE: \$200,000 ROW: CON: \$1,284,835		\$850,000 CON	Function and Performance Preservation	Safety 100% Federal 0% State 0% Local	\$100,000 for PE in FY13 from project OT001 Regional Safety.
VTrans Number: HES 5100(13)	Funds to be obligated in FY16									<u>VTrans PM:</u> Coburn, Patti

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

Section 3: Summary of Financial Statistics

CCRPC FY2017-2020 TIP Funding by Project Use Category

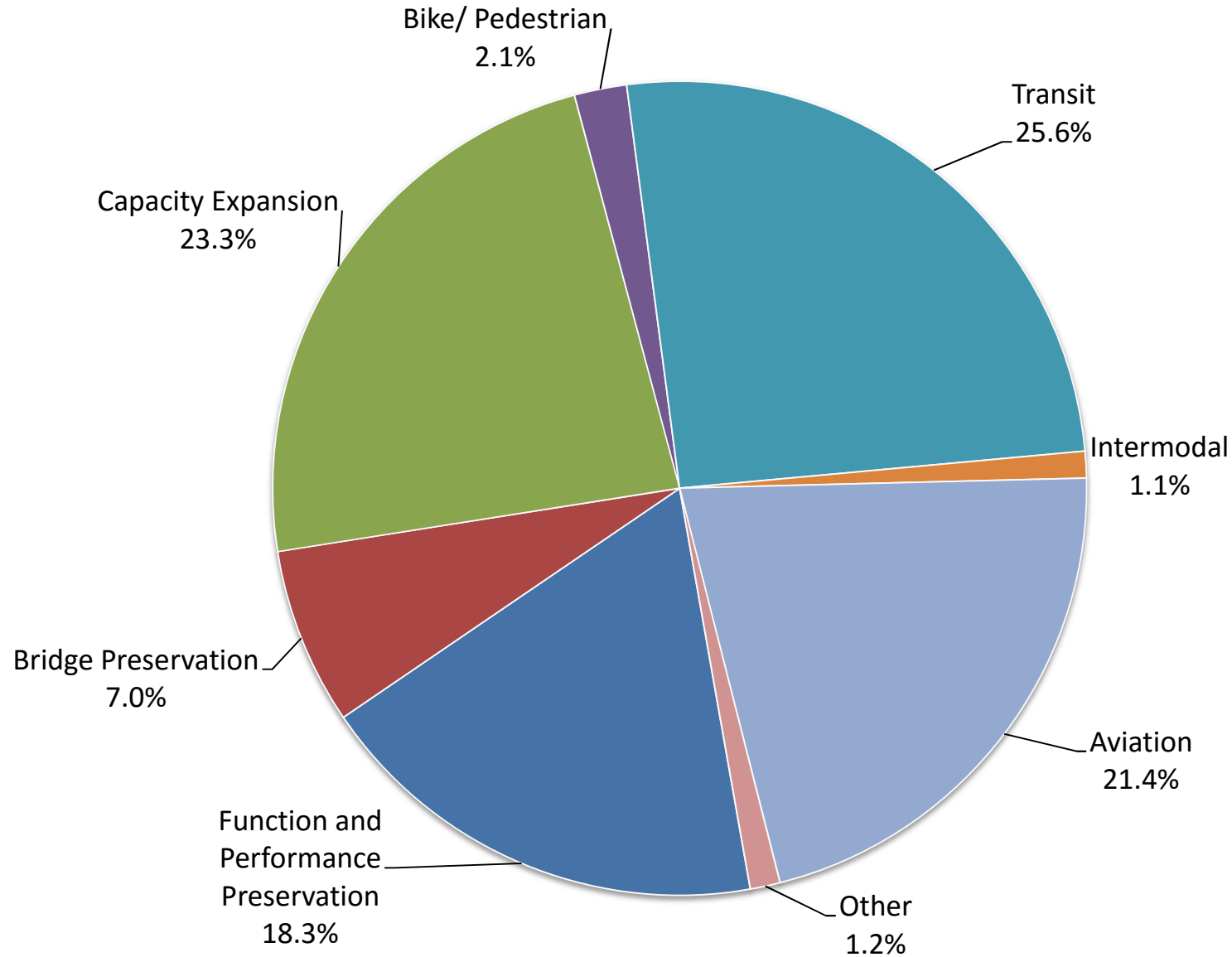
<i>Funding Uses</i>	FY17 Federal Funds	FY18 Federal Funds	FY19 Federal Funds	FY20 Federal Funds
Function and Performance Preservation	\$24,950,761	\$9,213,698	\$4,771,900	\$6,951,211
Bridge Preservation	\$9,037,797	\$5,981,000	\$2,148,360	\$500,000
Capacity Expansion	\$8,389,400	\$8,706,300	\$20,306,053	\$21,201,130
Bike/ Pedestrian	\$2,442,363	\$1,643,675	\$1,096,794	\$70,000
Transit	\$19,279,336	\$16,492,625	\$16,738,613	\$11,891,209
Intermodal	\$1,650,000		\$1,000,000	
Aviation	\$26,800,000	\$14,035,000	\$7,530,000	\$5,495,000
Other	\$1,193,409	\$600,000	\$600,000	\$600,000
Total	\$93,743,066	\$56,672,298	\$54,191,720	\$46,708,550

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

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

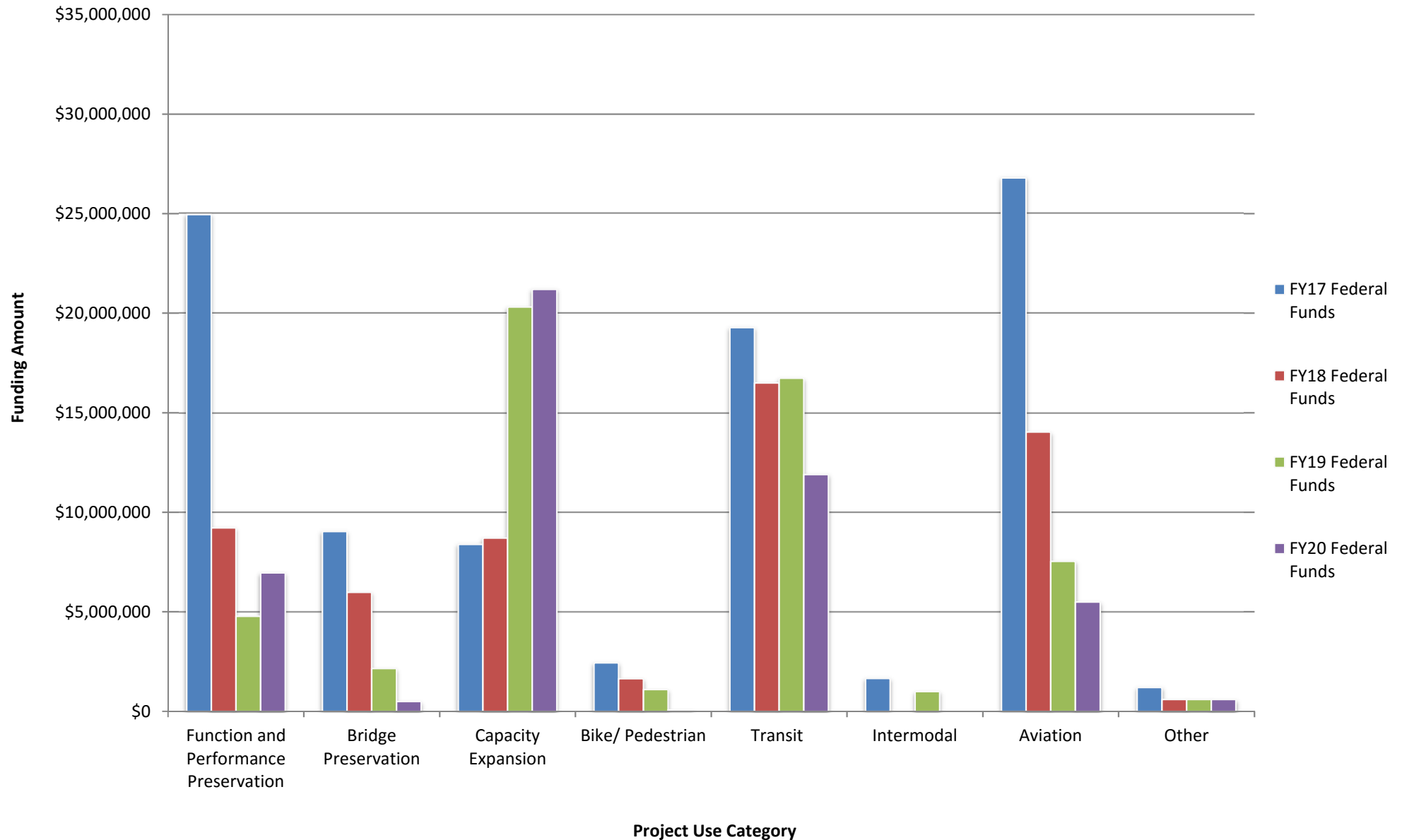
<i>Federal Funding Sources and Constraint Status</i>	FY17	FY18	FY19	FY20
FHWA Constrained Funds				
National Highway Preservation Program (NHPP)	\$14,138,092	\$3,611,959	\$1,236,270	
Surface Transportation Program (STP)	\$11,728,249	\$5,172,879	\$18,339,092	\$19,793,296
To Be Determined (NHPP or STP)	\$840,000	\$840,000	\$840,000	\$840,000
FHWA Constrained Total	\$26,706,341	\$9,624,838	\$20,415,362	\$20,633,296
FHWA Non-Constrained Funds				
National Highway Preservation Program (NHPP)	\$5,405,365	\$5,481,000	\$463,601	
STP CIRC Alternatives Phase I and Phase II Projects	\$5,413,400	\$6,599,160	\$2,057,019	\$4,182,714
Bike/Ped, Sidewalk or Transportation Alternatives Grant	\$2,608,172	\$1,573,675		
Local Transportation Assistance Program (LTAP)	\$16,000	\$16,000	\$16,000	\$16,000
Modificatons and Overruns (NHPP or STP)	\$500,000	\$500,000	\$500,000	\$500,000
FHWA Non-Constrained Total	\$13,942,937	\$14,169,835	\$3,036,620	\$4,698,714
FHWA Transfer to FTA				
Congestion, Mitigation, Air Quality (CMAQ)	\$2,931,741	\$1,187,250	\$1,565,137	\$1,489,047
STP Transfer	\$6,945,100	\$3,777,000	\$4,280,000	\$3,095,000
FHWA Transfer to FTA Total	\$9,876,841	\$4,964,250	\$5,845,137	\$4,584,047
Federal Earmark or Grant Funds				
SAFETEA-LU Earmark	\$2,949,600			
Regional Recreational Trails	\$70,000	\$70,000	\$70,000	\$70,000
Safety	\$2,344,852	\$2,280,000	\$5,401,125	\$3,920,331
Earmark or Grant Total	\$5,364,452	\$2,350,000	\$5,471,125	\$3,990,331
Federal Transit Administration (FTA) Funds				
FTA Section 5307 Formula Funds	\$2,700,000	\$2,800,000	\$2,900,000	\$3,100,000
FTA Section 5309	\$7,600,000	\$3,000,000	\$3,050,000	\$3,050,000
FTA Section 5312 TIGER		\$5,000,000	\$5,000,000	
FTA Section 5339(d)(2)	\$170,805	\$175,929	\$181,207	\$200,000
FTA Section 5310 Urban Allocation	\$75,190	\$77,446	\$79,769	\$82,162
Elderly & Disabled Transportation	\$156,500	\$75,000	\$232,500	\$400,000
Transfer from FTA 5311 to FTA 5307	\$350,000	\$400,000	\$450,000	\$475,000
FTA Funds	\$11,052,495	\$11,528,375	\$11,893,476	\$7,307,162
Airport Improvement Program (AIP)	\$26,800,000	\$14,035,000	\$7,530,000	\$5,495,000
Total AIP	\$26,800,000	\$14,035,000	\$7,530,000	\$5,495,000
CCRPC TIP TOTAL	\$93,743,066	\$56,672,298	\$54,191,720	\$46,708,550

CCRPC FY2017-2020 TIP Funding by Project Use Category



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

CCRPC FY2017-2020 TIP: Funding Uses By Year





Federal Funds Actually Obligated in Chittenden County

FY2006 - FY2015

Funds by Project Use Category

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

Percent of Total by Project Use Category

<i>Uses</i>	FY06	FY07	FY08	FY09	FY10	FY11	FY12	FY13	FY14	FY14	Average Percent by Use FY05-FY14
Function and Performance Preservation	28.4%	24.8%	35.1%	45.9%	31.8%	24.6%	40.1%	44.1%	24.9%	22.5%	34.1%
Bridge Preservation	15.5%	13.6%	8.8%	29.2%	36.5%	25.6%	27.7%	35.0%	6.9%	8.4%	23.1%
Capacity Expansion	42.0%	29.8%	9.7%	3.3%	9.0%	13.8%	1.8%	0.8%	20.3%	6.8%	12.3%
Bike/ Pedestrian	3.7%	5.0%	7.1%	1.6%	9.4%	11.2%	9.5%	4.1%	13.6%	10.9%	7.1%
Transit	9.7%	22.0%	27.1%	16.9%	13.2%	23.7%	15.7%	13.8%	23.9%	28.8%	18.3%
Intermodal	0.0%	0.2%	3.5%	0.9%	0.2%	1.1%	5.1%	1.8%	3.3%	22.6%	3.3%
Other	0.7%	4.6%	8.7%	2.2%	0.0%	0.0%	0.0%	0.3%	7.1%	0.0%	3.4%
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
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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
0-10	Projects will be scored based on the potential for economic benefit to the community and/or benefit to State tourism.

(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.