

Project Name	Project Number	Description	Reporting Format	FY2017 Estimate	FY2018 Estimate	Explanation
Bike & Pedestrian Facilities						
BURLINGTON	STP SDWK(19)	Shared-use path	Front Of Book	\$106,000	\$216,437	Budget only shows available grant funding, not project cost. Additional grant was secured via CCRPC sidewalk program.
Interstate Bridges						
BERLIN	IM DECK(42)	Replace deck on BR37N	Front Of Book	\$100,000	\$1,885,000	Note: All gray highlighted projects listed below are those that were D&E projects in the FY17 budget and did not include estimates for the construction costs. The FY18 budget now includes the construction estimates.
BERLIN	IM DECK(43)	Replace deck on BR37S	Front Of Book	\$90,000	\$1,770,000	
BERLIN	IM DECK(44)	Replace deck on BR38N	Front Of Book	\$130,000	\$2,460,000	
BERLIN	IM DECK(45)	Replace deck on BR38S	Front Of Book	\$150,000	\$2,690,000	
ROCKINGHAM	IM 091-1(66)	Replace BR24 N&S	Front Of Book	\$38,923,031	\$51,556,000	
WESTMINSTER	IM 091-1(70)	Deck/Bearings, BR21N&S on I- 91	Front Of Book	\$277,438	\$11,486,891	
Rest Areas						
ALBURGH	NH REST(2)	Preventive Maintenance	D&E	\$12,000	\$41,586	
DERBY	IM 091-3()	Rehabilitate rest area	Front of Book	\$50,000	\$1,000,000	
WATERFORD	IM REST(8)	Preventive Maintenance	D&E	\$20,000	\$46,046	
Roadway Projects						
COLCHESTER	STP 5600(20)	Improve Prim Rd/W. Lakeshore Dr	Front Of Book	\$125,000	\$1,700,000	
JAY	STP 034-2(16)	Remove ledge along VT105	Front Of Book	\$235,000	\$558,256	The FY17 budget estimate predated full scoping and was based on very limited information. The FY18 budget estimate was the first based on the full scope of the project.
PITTSFORD	NH 019-3(493)	Reconstruct US7 - Segment 3	Front Of Book	\$421,934	\$15,017,410	
STOWE	STP 0235(20)	Construct two trails	Front Of Book	\$114,000	\$297,000	The FY17 budget estimate was based on very limited design. As the design has progressed, the estimate has increased due primarily to the need to construct a boardwalk. The project is funded by a SAFETEA-LU earmark. No Federal Formula or State funds involved.
THETFORD	STP CULV(48)	Replace Culvert - BR24 on VT113	Front Of Book	\$96,587	\$478,072	
State Highway Bridges						
ADDISON	BF 0172(9)	VT125 BR1 Scoping	D&E	\$50,000	\$108,519	

JOHNSON	BF 0248(7)	Replace BR4	Front Of Book	\$604,320	\$1,329,216	The FY17 budget estimate was based on the scoping estimate. As the design progressed, it was found that the subsurface conditions (ledge) were not accurately represented by the limited subsurface investigation done during scoping. This change in the understanding of the physical conditions led to a change to the structure type and overall design of the crossing.
LUDLOW	STP DECK(39)	Replace deck on BR99	Front Of Book	\$60,000	\$1,212,701	
LYME-THETFORD	BF A000(394)	Connecticut River Bridge	Front Of Book	\$26,231	\$591,231	
MONTGOMERY	STP DECK(40)	Replace deck on BR19	Front Of Book	\$110,000	\$1,668,660	
NORTH HERO-GRAND ISLE	BHF 028-1(26)	Replace BR8 on US2	Front Of Book	\$26,755,000	\$46,545,126	During development of the FY17 budget (Fall 2015) the conceptual design of this one-of-a-kind bridge was still underway. Being a drawbridge on the only state route through Grand Isle County, significant work was required just to determine the appropriate scope and construction methodology. For that reason, we chose to use the Construction Manager/General Contractor (CMGC) contracting option in order to bring on board both design and construction expertise in this area. Since the original estimate, much has been learned about both the existing structure and the proposed new concept. Preliminary design is currently underway. One significant change since scoping is the construction approach. The original concept assumed a half-at-a-time construction, maintaining one-way traffic on half of the old bridge while building the new structure. After a summer of making repairs to the existing bridge in order to maintain its function until the new bridge is constructed, we found one-way alternating traffic cannot effectively support the volumes through that area. We also learned that the existing structure likely will not withstand the impacts of the phased construction. Therefore, we are now looking to install a temporary bridge to maintain traffic while the new bridge is constructed. All the items listed above have been considered in the current estimate, but there is still much to learn, so additional changes to the estimate are likely.
SEARSBURG	BF 010-1(50)	Line or replace culvert, BR20 on VT9	Front Of Book	\$231,703	\$669,851	
WATERFORD	BF 0225(4)	Rehab or Replace BR7	Front Of Book	\$76,010	\$847,615	
WATERFORD	BF 0225(5)	Replace Bridge No. 2 on VT18	Front Of Book	\$60,000	\$1,520,968	
WEYBRIDGE-NEW HAVEN	BF 032-1(19)	Replace BR8 on VT17	Front Of Book	\$74,592	\$5,019,646	
WOODFORD	BF 010-1(52)	Line Culvert, BR18 on VT9	Front Of Book	\$82,501	\$498,067	
Town Highway Bridges						
BRANDON	PLH ALPP(1)	Rehab BR22 on TH22	Front Of Book	\$143,279	\$852,500	Budget only shows available discretionary funding, not project cost. Additional funding was secured via Federal Lands Access Program. No Federal Formula or State funds involved in the project.
NEWFANE	BF 0106(6)	Replace BR12 on FAS 0106	Front Of Book	\$112,327	\$2,976,915	
ORLEANS VILLAGE	BF 0310(7)	Scoping for BR10 on VT58	Front Of Book	\$289,894	\$2,468,555	
ORWELL	STP DECK(41)	Replace deck on BR4	Front Of Book	\$30,000	\$907,433	
WOODSTOCK VILLAGE	BF 020-2(43)	Rehab BR51 on US4	Front Of Book	\$159,209	\$724,269	
Traffic & Safety						
COLCHESTER	STP 5600(21)	Improve Intersection	Front Of Book	\$10,000	\$360,000	
COLCHESTER	STPG 5600(17)	Install signal, add'l lanes	Front Of Book	\$119,785	\$4,448,257	
MILTON	STP 5800(3)	US7/TH1 Improvements	Front Of Book	\$66,120	\$4,200,000	
PLAINFIELD	NH 028-3(41)	Improve US2/Main St. intersection	Front Of Book	\$42,602	\$1,038,141	

SPRINGFIELD	STP 016-2(23)	Improve VT11/US5/I-91 Exit #7	Front Of Book	\$40,227	\$650,000	
STATEWIDE - NORTH REGION	STP HRRR(22)	Signs, markings, guardrail	Front Of Book	\$450,000	\$965,892	In the FY17 budget these two projects were each one-year apportionments of the High Risk Rural Road program. During development it was determined that efficiencies could be gained by bundling two years of the apportionment into one contract. Those contracts will now be constructed over two years.
STATEWIDE - SOUTH REGION	STP HRRR(23)	Signs, markings, guardrail	Front Of Book	\$450,000	\$1,079,556	
WILLISTON	STP 5500(17)	Improve VT2A/Industrial Ave.	Front Of Book	\$100,432	\$5,000,000	
WILLISTON-ESSEX	STPG SGNL(46)	Traffic signal upgrades along VT2A and VT15.	Front Of Book	\$1,100,000	\$2,455,969	The initial estimate, reflected in the FY17 budget, was based on the CCRPC scoping report that came from the Circ Alternatives Study. The initial scope envisioned at that time was the installation of adaptive signal equipment. As design progressed it was quickly determined that adaptive control was not an appropriate solution and that the entire system (18 intersections) required a more robust upgrade in order to improve operation.

Transportation Alternatives

BARRE TOWN	STP EH11(1)	Construct Sidewalk	D&E	\$13,680	\$126,800
EAST MONTPELIER	STP EH10(17)	Shared-use path	D&E	\$17,460	\$50,501
HIGHGATE	TAP TA13(1)	Sidewalk and ped safety	D&E	\$32,672	\$341,588
PUTNEY	TAP TA14(1)	Construct sidewalk	D&E	\$50,310	\$314,908
READSBORO	TAP TA14(8)	Construct sidewalk	D&E	\$8,844	\$70,921
RUTLAND CITY	TAP TA14(5)	Install flashing beacons	D&E	\$2,970	\$45,000
SPRINGFIELD	TAP TA14(6)	Sidewalk along South St.	D&E	\$20,679	\$44,202