CCRPC FY2020 Transportation Improvement Program (TIP) Amendments

Changes to Federal Fiscal Year 2020 (October 1, 2019 – September 30, 2020)

Amendment Number	Project Name	TIP Change	Amendment Date
FY20-01	VT15 Multiuse Path – St Mikes Crosswalk, Colchester-Essex (BP069B)	Add \$115,202 in federal funds in FY20 for crosswalk improvements at St. Michael's College's East Entrance. These funds will come from project OT001 Regional Safety. St. Michael's College has been working with Colchester and VTrans to add a crosswalk and a small sidewalk connection to an existing TIP project; VT15 Multiuse Path. VTrans has agreed to add these improvements to the path project.	09/18/19
FY20-02	Dorset Street Shared Use Path Old Cross Road to Sadie Lane, South Burlington (Project BP108)	Add \$75,000 (fed) in FY20, \$125,000 (fed) in FY21, and \$231,600 (fed) in FY22, and \$230,000 (fed) in FY23. This project won a 2019 VTrans Bicycle and Pedestrian Program Award.	10/19/19
FY20-03	Main Street Revitalization Project – Sidewalk and Bicycle Improvements, Winooski (Project BP109)	Add \$300,000 (fed) in FY20 and \$100,000 (fed) in FY21. This project won a 2019 VTrans Bicycle and Pedestrian Program Award.	10/19/19
FY20-04	Towers Road Sidewalk Improvements, Essex (Project BP086)	Add \$91,600 (fed) in FY20. This project won a 2019 VTrans Bicycle and Pedestrian Program Award.	10/19/19
FY20-05	Williston Park & Ride (Project IN004A)	Advance \$2,300,000 in federal funds from FY19 to FY20 and add \$175,000 for preliminary engineering, \$372,000 for right of way and \$1,675,000 for construction. The new total project cost is \$7,100,000. This is a 57% increase which is a Major Amendment according to CCRPC's TIP Amendment Policy. The proposed access drive to the Park & Ride lot has been relocated to consolidate driveways with a new Vermont State Police building to be constructed south of the Park & Ride lot location. Relocating the access drive requires a number of changes including relocating turn lanes, updated stormwater permits, a water/wastewater permit, and an amended Act 250 and a DRB permit.	01/15/20
FY20-06	Champlain Parkway, Burlington (Project HC001A)	Move \$3,000,000 in federal funds from FY20 to FY23. These funds are not needed in FY20.	1/15/20

Amendment Number	Project Name	TIP Change	Amendment Date
FY20-07	I-89 Supplemental Signage, Exits 12 - 17 (Project HP147)	Add a new project to the TIP in FY20 to add supplemental signage at all I-89 exits in Chittenden County identifying the mile marker number. Add \$22,000 in FY20. This project is not subject to CCRPC fiscal constraint limit because it is an interstate project. In 2009 the Federal Highway Administration implemented a requirement for interstate exits to be numbered according to the mile marker rather than sequentially.	11/26/19
FY20-08	VT15/Underhill Flats Sidewalk, Underhill (Project BP077)	Advance \$288,0000 in federal Bike/Ped program grant funds for construction from FY19 to FY20. Project was delayed.	2/19/20
FY20-09	US7 Signal Upgrade,	Make the following changes to project HP137:	3/18/20
	Shelburne-South Burlington (Project HP137)	 Contract 1 – Southern Section – Webster Road to IDX Drive 	
	(Project HP137)	 In FY20 add \$996,000 in Accelerated Innovation Deployment (AID) grant funds. 	
		- In FY20 add \$778,000 in federal formula funds.	
		 In FY21 designate \$161,000 in federal funds from project OT001 Regional Safety to be used for this project. 	
		 Contract 2 – Northern Section – McIntosh Avenue to Swift Street 	
		- Add \$2,000,000 in federal funds in FY21.	
		VTrans and CCRPC were awarded an Accelerated Innovation Deployment (AID) grant to upgrade 1t traffic signals on Shelburne Road between Webster Road and I-189. This project will be funded with AID grant funds and federal formula funds.	
FY20-10	VT15 Paving, Underhill- Westford-Cambridge (Project HP136)	Reduce the federal fund in FY21 from \$3,276,240 to \$1,250,063 – a decrease of \$2,026,177. This project was originally programmed as a pavement reclaim project. After doing some investigative borings and test pits, it was determined that this project was better suited for CIPR (Cold-In-Place Recycling). This type of treatment is less expensive on a per mile basis than a full depth reclaim project.	2/19/20
FY20-11	Schifilliti Park Shared Use Path, Burlington (Project BP110)	Burlington was awarded a 2020 Transportation Alternatives Grant of \$285,728 (federal funds) to construct a path between James Avenue and Gosse Court though Schifilliti Park in Burlington. Add \$35,000 for PE in FY20.	5/20/21

Amendment Number	Project Name	TIP Change	Amendment Date
FY20-12	Lee River Road Sidewalk, Jericho (Project BP100)	Jericho was awarded an additional \$100,000 (federal funds) in 2020 Transportation Alternative Grant funds to construct an 1,000 foot sidewalk on Lee River Road. The project was previously awarded a 2017 Transportation Alternatives grant \$220,587 (federal funds) and this grant will supplement those funds.	5/20/21
FY20-13	Kimball/Marshall Avenue Bicycle & Pedestrian Facilities over Muddy Brook, South Burlington (Project BP111)	South Burlington was awarded a 2020 Transportation Alternatives Grant of \$300,000 (federal funds) to construct a 10-foot-wide shared use path to be included in the Muddy Brook Culvert Replacement project.	5/20/21
FY20-14	VT116/CVU Road Intersection Improvements, Hinesburg (Project HP058)	Change federal funding source from STP to Section 164 Funds. Section 164 funds can be used for safety projects and this intersection is a High Crash location, so it is eligible for this funding source. Changing federal funding sources is defined to be an Administrative change to the TIP.	6/19/20
FY20-15	Bridge Preventative Maintenance (Project BR033)	Designate the use of \$250,000 from the Regional project Bridge Preventative Maintenance for strategic repair of Colchester US2 bridge #18A over I-89 and Richmond US2 bridge #29 over I-89. Designating the use of funds from Regional items is defined as an administrative change to the TIP.	6/19/20
FY20-16	Rail Crossing Safety Improvements – College Street, Burlington (Project RR006)	Add the following statement to the Remarks section of the TIP "Project will be bid as two separate contracts – C/1 and C/2. C/1 (\$450,000 fed) is for utility work and will be done in FY20. C/2 is for safety improvements and will be done in FY21." Revise the project number to read "STP 2035(15)/C1 & C/2".	7/30/20

Changes to Federal Fiscal Year 2021 (October 1, 2020 – September 30, 2021)

Amendment Number	Project Name	TIP Change	Amendment Date
FY21-01	King Street Rail Crossing Safety Improvement, Burlington (Project BP150)	Advance \$454,500 in construction funds for rail crossing safety improvements at King Street from FY22 to FY21. The project includes improvements to the surface and drainage, addition of an active warning system (lights, gates), and preemption with the traffic signals.	9/16/20
FY21-02	Maple Street Rail Crossing Safety Improvements, Burlington (Project HP154)	Add a new safety project to the FY21-24 TIP for rail crossing safety improvements at Maple Street in Burlington. Add \$258,750 for construction in FY21 and \$776,250 for construction in FY22. The Project is funded with Section 130 Rail Grade Crossing funds which are not subject to CCRPC's fiscal constraint limit. The project includes improvements to the surface and drainage, addition of an active warning system (lights, gates), and preemption with the traffic signals.	9/16/20
FY21-03	VT2A/Industrial Avenue/Mountain View Road Intersection Improvements, Williston (Project HP123)	Advance \$50,000 in federal funds for right-of-way from FY20 to FY21 and add \$150,000. The FY21 TIP currently has \$50,000 for right-of-way so the new total will be \$250,000. This is a 3 percent increase in project cost which is defined as a minor amendment according to CCRPC's TIP Amendment Policy. This amendment will be funded outside of CCRPC's fiscal constraint limit. The project is ready to advance to the right-of-way phase and the TIP does not have adequate funds in FY21.	11/18/20
FY21-04	I-189 Paving, Burlington-South Burlington (Project HP142)	Add \$300,882 in federal funds for construction in FY21. These funds are to come from Regional project OT017 Modifications and Overruns. The paving project is substantially complete, and the Modification and Overruns item is to provide funding for projects that are finished but still incurring costs for final contract items.	11/18/20
FY21-05	VT15/Underhill Flats Sidewalk (Project BP077)	Advance \$289,252 in federal funds for construction from FY20 to FY21 for this 2013 Bike/Pedestrian grant project. The project did not advance to construction in FY20. Construction is anticipated in 2021.	11/18/20
FY21-06	US7 Signal Upgrades Contract 2, McIntosh Avenue to Swift Street, South Burlington (Project HP137B)	Add \$577,000 in construction funds to the TIP in FY22 and clarify funding source as Highway Safety Improvement Program (HSIP). The total project cost has increased from \$2,300,000 to \$2,577,000 – this is a 12% increase. This project will not be subject to CCRPC's fiscal constraint limit. Note that the overall project cost only increases by \$277,000 but the TIP only had \$2,000,000 in FY21. The new funds will be added in FY22. VTrans just completed contract plans and the construction cost estimate increased unexpectedly. The TIP must reflect the full construction cost estimate before the project can be advertised for bid.	11/18/20
FY21-07	King Street Rail Crossing Safety Improvement, Burlington (Project BP150)	Add \$9,000 in federal funds for right-of-way in FY21 to complete the right-of-way process.	11/19/20

Amendment Number	Project Name	TIP Change	Amendment Date
FY21-08	King Street Rail Crossing Improvements, Burlington (Project HP150)	Add \$170,384 in FY21 and \$624,884 in FY22. VTrans wants to bid this project on December 23 to get more competitive bids from contractors. Prior to bidding the project the TIP must be amended to account for the full construction cost estimate. As a rail safety project it is not subject to CCRPC's Fiscal Constraint Limit.	12/16/20
FY21-09	Regional Safety (Project OT001)	Designate \$50,000 in FY21 and \$150,000 in FY22 from the Regional Safety item to begin design for Replacement/Rehabilitation of Traffic Signals on VT15 from Campus Avenue in Colchester to Ethan Allen Avenue in Essex. Construction funds will be added when the FY22-25 TIP is developed.	12/9/20
FY21-10	Charlotte Rail Bridge over Thorp Brook, Charlotte (Project RR008)	Add \$8,000 in federal funds in FY21 to complete right-of-way documentation for a rail bridge rehabilitation project in Charlotte. This project was to be funded with state dollars only but VTrans is now proposing federal participation in the project. This project is not subject to CCRPC's fiscal constraint limit.	1/20/21
FY21-11	Amtrak Service (Project RR012)	Add \$408,413 in federal Congestion Mitigation and Air Quality Improvement (CMAQ) Program funds for Amtrak service in Chittenden County. VTrans will utilize a total of \$2,400,000 in federal dollars to support Amtrak service statewide. The Chittenden County share of this will be 17% or \$408,413. This project is not subject to CCRPC's fiscal constraint limit.	1/20/21
FY21-12	Pinecrest Drive Sidewalk, Essex (Project BP091)	Add \$86,280 in additional federal funds in FY21 for an existing sidewalk project in Essex. This project was awarded \$286,216 in 2015 to construct a sidewalk on Pinecrest Drive between VT2A and Suffolk Lane. Essex applied for, and was awarded, additional funds from the VTrans Bicycle and Pedestrian Program.	1/20/21
FY21-13	Vermont Railway Switch Replacement, Burlington (Project RR013)	Add \$1,874,500 in federal FRA Tiger VII grant funds to replace three existing manual switches in Burlington with power switches and purchase of continuous welded rail. This project is not subject to CCRPC's fiscal constraint limit because it is funded with grant funds.	2/17/21
FY21-14	Amtrak Siding, Burlington (Project RR014, Amendment FY21-14)	Add a project to the TIP to construct a rail siding in the Burlington rail yard to overnight Amtrak passenger trains. Construction amount for this project is \$1,900,000. This project is funded with 100% state funds and is being added to the TIP as a project with regional significance.	2/17/21
FY21-15	Kimball/Marshall Avenue Bicycle & Pedestrian Facilities over Muddy Brook (Project BP111)	Transfer \$4,054 in construction funds in FY21 to right-of-way. \$295,946 remains in the TIP for construction. There is no change in project cost.	1/28/21

Amendment Number	Project Name	TIP Change	Amendment Date
FY21-16	Rail Crossing Safety Improvements – College Street, Burlington	Add \$671,479 in federal Section 130 Rail Grade Crossing funds for construction to the TIP in FY21. The approved TIP has \$900,000 in FY21 for this project. The new total would be \$1,571,479 which is a 59.7% increase in total project cost (including design costs).	2/9/21
	(Project RR006)	The construction cost estimate was revised to include the items listed below:	
		 Increased traffic control to accommodate large volume of pedestrians 	
		Removal and resetting of brick pavers within VTrans right of way	
		Full depth reconstruction of the crossing surface	
		Active warning railroad signal system to includes gates	
		Soil management	
		Removal and resetting of tracks	
FY21-17	Maple Street Rail Crossing Safety Improvements (Project HP154)	Increase construction cost from \$1,035,000 (federal) to \$1,866,276 (federal). TIP amounts will be \$658,750 (federal) in FY21 and \$1,207,526 (federal) in FY21. This project is due to be advertised on March 3.	2/17/21
		The reasons for the increase are as follows.	
		 Contaminated soil management including disposal, dewatering, filtration and fractionation tank items to handle any contaminated ground water that may be encountered 	
		Traffic control to work around trains and vehicles more closely.	
		The Rail-Highway Active Warning System item increased to program the entire system between Maple Street and College Street. The systems for Maple Street, King Street and College Street work together due to the close proximity.	
		 Surfacing and Aligning of the entire track section from Maple Street to College Street 	
		Full depth reconstruction of crossing including 3 sets of tracks.	
FY21-18	Shelburne Street Roundabout, Burlington (Project HP085)	Add \$1,094,354 for preliminary engineering and \$3,112,613 for construction in FY21. The new total project cost is \$12,426,967 which is a 51% increase. The project requires large scale environmental investigations underground to locate, identify, and categorize contaminated soils and groundwater.	3/17/21
FY21-19	Champlain Parkway, Burlington (Project HC001A)	Reduce the TIP amount in FY21 by \$4,206,967 to accommodate the Shelburne Roundabout amendment listed above. \$4,793,003 remains in this project is FY21 which is adequate to accommodate anticipated project expenses.	3/17/21

Amendment Number	Project Name	TIP Change	Amendment Date
FY21-20	Rehabilitate/Replace Culverts on US7, Charlotte-South Burlington (Project BR063)	Add \$10,000 for Preliminary Engineering and \$500,000 for Construction in FY21 for culvert improvements. This project will be funded with 100% COVID Relief funds and is not subject to CCRPC's Fiscal Constraint limit.	4/21/21
FY21-21	Rehabilitate/Replace Culverts on US2, Richmond-Bolton (Project BR064)	Add \$10,000 for Preliminary Engineering and \$500,000 for Construction in FY21 for culvert improvements. This project will be funded with 100% COVID Relief funds and is not subject to CCRPC's Fiscal Constraint limit.	4/21/21
FY21-22	Railyard Enterprise Project, Burlington (Project HC015)	Program \$80,000 in federal funds for Preliminary Engineering in FY21 and \$920,000 in federal funds for Preliminary Engineering in FY22. The TIP estimated \$960,000 in federal funds for Preliminary Engineering, so this is a 4% increase in project cost which qualifies as a minor amendment.	4/21/21
FY21-23	Champlain Parkway, Burlington (Project HC001A)	Reduce the TIP amount in FY21 by \$80,000 and in FY22 by \$920,00 to accommodate the Railyard Enterprise Project listed above. \$4,713,003 remains in this project is FY21 and \$13,220,000 remains in FY22 which is adequate to accommodate anticipated project expenses.	4/21/21
FY21-24	I-89 Culvert, Colchester (Project BR065)	Add \$205,245 in federal funds to rehabilitate a culvert on I-89 at north bound mile marker 97.45.	5/19/21
FY21-25	Airport Drive Infiltration Project, South Burlington (Project OT048)	Add a new Municipal Highway and Stormwater Mitigation program award for a stormwater infiltration project in South Burlington. Add \$60,000 for preliminary engineering in FY21, \$8,000 for right-of-way in FY22, and \$320,000 for construction in FY23.	5/19/21
FY21-26	VT2A Connector Path – Beaudry Lane to VSECU, Williston (Project BP112)	Add a new Transportation Alternatives award for a connector path along VT2A in Williston. Add \$46,512 for preliminary engineering in FY21.	5/19/21
FY21-27	Spear Street Bike/Ped Connector – US Forest Service to Swift Street, South Burlington (Project BP113)	Add a new Transportation Alternatives award for a connector path along Spear Street in South Burlington. Add \$53,904 for preliminary engineering in FY21.	5/19/21

Amendment Number	Project Name	TIP Change	Amendment Date
FY21-28	Exit 16 Improvements, Colchester (Project HP102)	Remove \$4,794,000 in federal funds for construction in FY21 and add \$1,250,000 for preliminary engineering in FY21. The current project schedule does not anticipate that construction funds will be needed in FY21 (before September 30, 2021). Additional preliminary engineering funds are needed.	5/19/241
FY21-29	Class I Concrete Pavement Repair, US7 and West Allen Street, Winooski (Project HP145)	The low bid for this project was \$1,297,953 and the project cost in the TIP is \$1,150,000 which is a 13% increase in project cost. Add \$222,362 in federal funds in FY22 for this project.	5/19/21
FY21-30	Exit 17 Improvements, Colchester (Project BR050)	Advance \$600,000 in right-of-way funds from FY20 to FY21. The FY20 TIP had \$800,000 for right-of-way but only obligated \$100,000. An additional \$600,000 is needed.	5/19/21
FY21-31	US2 Paving, Bolton-Richmond (Project HP148)	Add \$160,000 for preliminary engineering in FY21.	6/6/21
FY21-32	Burlington Train Station Platform, Burlington (Project RR007)	Add \$880,000 for construction in FY21.	6/6/21
FY21-33	US7 Concrete Pavement Repair, Burlington (Project HP141)	Reduce funding amount in FY21 by \$400,000 – funds are not needed.	6/6/21
FY21-34	Rail Crossing Improvements at Thompson Point Road, Charlotte (Project RR009)	Add \$315,000 for construction in FY21.	6/6/21
FY21-35	US7 Paving, Charlotte-South Burlington (Project HP149)	Add \$240,000 for preliminary engineering in FY21.	6/6/21
FY21-36	Prim Road/West Lakeshore Drive Intersection Improvements, Colchester (Project HP118)	Reduce funding amount in FY21 by \$400,000 – funds are not needed.	6/6/21
FY21-37	Susie Wilson Road Corridor and Intersection Improvements, Essex (Project HP120)	Add \$200,000 for preliminary engineering in FY21.	6/6/21

Amendment Number	Project Name	TIP Change	Amendment Date	
FY21-38		Not Needed		
FY21-39	VT128 Culvert BR1 Carrying Alder Brook, Essex (Project BR060)	Add \$400,000 for construction in FY21.	6/6/21	
FY21-40	I-89 Bridge Maintenance, South Burlington (Project HP151)	Add \$4,500 for preliminary engineering in FY21.	6/6/21	
FY21-41	I-89 Bridge Preservation/Maintenance, Colchester and Richmond (Project HP152)	Add \$22,500 for preliminary engineering and \$337,500 for construction in FY21.	6/6/21	
FY21-42	I-89 Culvert Rehabilitation, Williston (Project BR061)	Add \$45,000 for preliminary engineering and \$337,500 for construction in FY21	6/6/21	
FY21-43	Lee River Road Sidewalk, Jericho (Project BP100)	Add \$12,000 for right-of-way in FY21.	6/6/21	
FY21-44	US7/Middle Road/Railroad Street Intersection, Milton (Project HP007)	Add \$315,000 for preliminary engineering and \$185,000 for right-of-way in FY21.	6/6/21	
FY21-45	US2 Culvert Rehabilitation, Richmond (Project BR062)	Add \$50,000 for preliminary engineering in FY21.	6/6/21	
FY21-46	Woodcrest/Deane Street Stormwater Infiltration and Detention System, South Burlington (Project OT043)	Add \$201,600 for construction in FY21.	6/6/21	
FY21-47	VT15 Bridge Maintenance, Underhill (Project HP153)	Add \$4,000 for preliminary engineering in FY21	6/6/21	
FY21-48	Blair Park Road Sidewalk Loop Connection, Williston (Project BP103)	Add \$184,000 for construction in FY21	6/6/21	

Amendment Number	Project Name	TIP Change	Amendment Date
FY21-49	I-89 Exit 12 Improvements - Stage 1, Williston (Project HC016A)	Add \$125,000 for right-of-way in FY21.	6/6/21
FY21-50	VT2A Culvert, Williston (Project BR057)	Add \$240,000 for construction in FY21.	6/6/21
FY21-51	Mallets Bay Rail Crossing Improvements, Winooski (Project RR011)	Add \$315,000 for construction in FY21.	6/6/21
FY21-52	Lake Street Sidewalk and Stormwater Management, Burlington (Project BP114)	Add a new Transportation Alternatives award for a sidewalk on Lake Street in Burlington. Add \$60,988 for preliminary engineering in FY21.	7/21/21
FY21-53		Not Needed	
FY21-54	Alder Brook culvert (VR2) on VT117, Essex (Project BR048)	Advance \$769,600 in Federal Funds from FY22 to FY21. The project is progressing faster than was programmed in the TIP. Funds are available within the fiscal constraint.	7/21/21
FY21-55	Stormwater Retrofit for Four Locations in South Burlington (Project OT050)	Add \$216,000 in Federal funds for the design of stormwater retrofit best management practices to implement VTrans Flow Restoration Plans. This project will address three locations on I-89 – at Exit 13, Exit 14 and north of Hinesburg Road – and one location on I-189 near Shelburne Road.	7/21/21
FY21-56	Stormwater Retrofit at VT289/VT15, Essex (Project OT049)	Add \$48,600 in Federal funds for the design of stormwater retrofit best management practices to implement VTrans Flow Restoration Plans. This project will address a location near the VT 289/VT 15 intersection.	7/21/21
FY21-57	VT116/VT2A Intersection Improvements, St. George (Project HP134)	Add \$65,000 in Federal funds for scoping for this intersection project. The FY20 TIP had \$100,00 for scoping but the funds were not needed in that year. \$20,000 was previously obligated and additional funds are needed to complete scoping.	7/21/21