

## 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	<b>VT15 Multiuse Path – St Mikes Crosswalk, Colchester-Essex</b> (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	<b>Dorset Street Shared Use Path -- Old Cross Road to Sadie Lane, South Burlington</b> (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	<b>Main Street Revitalization Project – Sidewalk and Bicycle Improvements, Winooski</b> (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	<b>Towers Road Sidewalk Improvements, Essex</b> (Project BP086)	Add \$91,600 (fed) in FY20. This project won a 2019 VTrans Bicycle and Pedestrian Program Award.	10/19/19
FY20-05	<b>Williston Park &amp; Ride</b> (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	<b>Champlain Parkway, Burlington</b> (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	<b>I-89 Supplemental Signage, Exits 12 - 17</b> (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	<b>VT15/Underhill Flats Sidewalk, Underhill</b> (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	<b>US7 Signal Upgrade, Shelburne-South Burlington</b> (Project HP137)	<p>Make the following changes to project HP137:</p> <ul style="list-style-type: none"> <li>▸ Contract 1 – Southern Section – Webster Road to IDX Drive <ul style="list-style-type: none"> <li>- In FY20 add \$996,000 in Accelerated Innovation Deployment (AID) grant funds.</li> <li>- In FY20 add \$778,000 in federal formula funds.</li> <li>- In FY21 designate \$161,000 in federal funds from project OT001 Regional Safety to be used for this project.</li> </ul> </li> <li>▸ Contract 2 – Northern Section – McIntosh Avenue to Swift Street <ul style="list-style-type: none"> <li>- Add \$2,000,000 in federal funds in FY21.</li> </ul> </li> </ul> <p>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.</p>	3/18/20
FY20-10	<b>VT15 Paving, Underhill-Westford-Cambridge</b> (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	<b>Schifilliti Park Shared Use Path, Burlington</b> (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	<b>Lee River Road Sidewalk, Jericho</b> (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	<b>Kimball/Marshall Avenue Bicycle &amp; Pedestrian Facilities over Muddy Brook, South Burlington</b> (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	<b>VT116/CVU Road Intersection Improvements, Hinesburg</b> (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	<b>Bridge Preventative Maintenance</b> (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	<b>Rail Crossing Safety Improvements – College Street, Burlington</b> (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)**

<b>Amendment Number</b>	<b>Project Name</b>	<b>TIP Change</b>	<b>Amendment Date</b>
FY21-01	<b>King Street Rail Crossing Safety Improvement, Burlington</b> (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	<b>Maple Street Rail Crossing Safety Improvements, Burlington</b> (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	<b>VT2A/Industrial Avenue/Mountain View Road Intersection Improvements, Williston</b> (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	<b>I-189 Paving, Burlington-South Burlington</b> (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	<b>VT15/Underhill Flats Sidewalk</b> (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	<b>US7 Signal Upgrades Contract 2, McIntosh Avenue to Swift Street, South Burlington</b> (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	<b>King Street Rail Crossing Safety Improvement, Burlington</b> (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	<b>King Street Rail Crossing Improvements, Burlington</b> (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	<b>Regional Safety</b> (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	<b>Charlotte Rail Bridge over Thorp Brook, Charlotte</b> (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	<b>Amtrak Service</b> (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	<b>Pinecrest Drive Sidewalk, Essex</b> (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	<b>Vermont Railway Switch Replacement, Burlington</b> (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	<b>Amtrak Siding, Burlington</b> (Project RR014)	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	<b>Kimball/Marshall Avenue Bicycle &amp; Pedestrian Facilities over Muddy Brook</b> (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	<b>Rail Crossing Safety Improvements – College Street, Burlington</b> (Project RR006)	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). The construction cost estimate was revised to include the items listed below: <ul style="list-style-type: none"> <li>▸ Increased traffic control to accommodate large volume of pedestrians</li> <li>▸ Removal and resetting of brick pavers within VTrans right of way</li> <li>▸ Full depth reconstruction of the crossing surface</li> <li>▸ Active warning railroad signal system to includes gates</li> <li>▸ Soil management</li> <li>▸ Removal and resetting of tracks</li> </ul>	2/9/21
FY21-17	<b>Maple Street Rail Crossing Safety Improvements</b> (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. The reasons for the increase are as follows. <ul style="list-style-type: none"> <li>▸ Contaminated soil management including disposal, dewatering, filtration and fractionation tank items to handle any contaminated ground water that may be encountered</li> <li>▸ Traffic control to work around trains and vehicles more closely.</li> <li>▸ 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.</li> <li>▸ Surfacing and Aligning of the entire track section from Maple Street to College Street</li> <li>▸ Full depth reconstruction of crossing including 3 sets of tracks.</li> </ul>	2/17/21
FY21-18	<b>Shelburne Street Roundabout, Burlington</b> (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	<b>Champlain Parkway, Burlington</b> (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 in FY21 which is adequate to accommodate anticipated project expenses.	3/17/21

<b>Amendment Number</b>	<b>Project Name</b>	<b>TIP Change</b>	<b>Amendment Date</b>
FY21-20	<b>Rehabilitate/Replace Culverts on US7, Charlotte-South Burlington</b> (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	<b>Rehabilitate/Replace Culverts on US2, Richmond-Bolton</b> (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	<b>Railyard Enterprise Project, Burlington</b> (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	<b>Champlain Parkway, Burlington</b> (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 in FY21 and \$13,220,000 remains in FY22 which is adequate to accommodate anticipated project expenses.	4/21/21
FY21-24	<b>I-89 Culvert, Colchester</b> (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	<b>Airport Drive Infiltration Project, South Burlington</b> (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	<b>VT2A Connector Path – Beaudry Lane to VSECU, Williston</b> (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	<b>Spear Street Bike/Ped Connector – US Forest Service to Swift Street, South Burlington</b> (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	<b>Exit 16 Improvements, Colchester</b> (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	<b>Class I Concrete Pavement Repair, US7 and West Allen Street, Winooski</b> (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	<b>Exit 17 Improvements, Colchester</b> (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	<b>US2 Paving, Bolton-Richmond</b> (Project HP148)	Add \$160,000 for preliminary engineering in FY21.	6/6/21
FY21-32	<b>Burlington Train Station Platform, Burlington</b> (Project RR007)	Add \$880,000 for construction in FY21.	6/6/21
FY21-33	<b>US7 Concrete Pavement Repair, Burlington</b> (Project HP141)	Reduce funding amount in FY21 by \$400,000 – funds are not needed.	6/6/21
FY21-34	<b>Rail Crossing Improvements at Thompson Point Road, Charlotte</b> (Project RR009)	Add \$315,000 for construction in FY21.	6/6/21
FY21-35	<b>US7 Paving, Charlotte-South Burlington</b> (Project HP149)	Add \$240,000 for preliminary engineering in FY21.	6/6/21
FY21-36	<b>Prim Road/West Lakeshore Drive Intersection Improvements, Colchester</b> (Project HP118)	Reduce funding amount in FY21 by \$400,000 – funds are not needed.	6/6/21
FY21-37	<b>Susie Wilson Road Corridor and Intersection Improvements, Essex</b> (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	<b>VT128 Culvert BR1 Carrying Alder Brook, Essex</b> (Project BR060)	Add \$400,000 for construction in FY21.	6/6/21
FY21-40	<b>I-89 Bridge Maintenance, South Burlington</b> (Project HP151)	Add \$4,500 for preliminary engineering in FY21.	6/6/21
FY21-41	<b>I-89 Bridge Preservation/Maintenance, Colchester and Richmond</b> (Project HP152)	Add \$22,500 for preliminary engineering and \$337,500 for construction in FY21.	6/6/21
FY21-42	<b>I-89 Culvert Rehabilitation, Williston</b> (Project BR061)	Add \$45,000 for preliminary engineering and \$337,500 for construction in FY21	6/6/21
FY21-43	<b>Lee River Road Sidewalk, Jericho</b> (Project BP100)	Add \$12,000 for right-of-way in FY21.	6/6/21
FY21-44	<b>US7/Middle Road/Railroad Street Intersection, Milton</b> (Project HP007)	Add \$315,000 for preliminary engineering and \$185,000 for right-of-way in FY21.	6/6/21
FY21-45	<b>US2 Culvert Rehabilitation, Richmond</b> (Project BR062)	Add \$50,000 for preliminary engineering in FY21.	6/6/21
FY21-46	<b>Woodcrest/Deane Street Stormwater Infiltration and Detention System, South Burlington</b> (Project OT043)	Add \$201,600 for construction in FY21.	6/6/21
FY21-47	<b>VT15 Bridge Maintenance, Underhill</b> (Project HP153)	Add \$4,000 for preliminary engineering in FY21	6/6/21
FY21-48	<b>Blair Park Road Sidewalk Loop Connection, Williston</b> (Project BP103)	Add \$184,000 for construction in FY21	6/6/21

Amendment Number	Project Name	TIP Change	Amendment Date
FY21-49	<b>I-89 Exit 12 Improvements - Stage 1, Williston</b> (Project HC016A)	Add \$125,000 for right-of-way in FY21.	6/6/21
FY21-50	<b>VT2A Culvert, Williston</b> (Project BR057)	Add \$240,000 for construction in FY21.	6/6/21
FY21-51	<b>Mallets Bay Rail Crossing Improvements, Winooski</b> (Project RR011)	Add \$315,000 for construction in FY21.	6/6/21
FY21-52	<b>Lake Street Sidewalk and Stormwater Management, Burlington</b> (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	<b>Alder Brook culvert (BR2) on VT117, Essex</b> (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	<b>Stormwater Retrofit for Four Locations in South Burlington</b> (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	<b>Stormwater Retrofit at VT289/VT15, Essex</b> (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	<b>VT116/VT2A Intersection Improvements, St. George</b> (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

Amendment Number	Project Name	TIP Change	Amendment Date
FY21-58	<b>Champlain Parkway, Burlington</b> (Project HC001A)	<ul style="list-style-type: none"> <li>▸ Transfer \$1,000,000 from construction to preliminary engineering in FY21.</li> <li>▸ Move \$5,227,121 in Federal funds for construction from FY21 to FY22. \$100,000 remains for construction in FY21.</li> <li>▸ Add \$5,227,121 for construction in FY22. The FY20 TIP has \$4,162,460 for construction in FY22. The new total is \$9,389,581.</li> <li>▸ Add \$10,000,000 for construction in FY23.</li> <li>▸ Add balance of construction funds in FY24 - \$9,960,419.</li> </ul> <p>The current estimated advertising date for this project is late September so there will be minimal expenditures in FY21. Construction is expected to take place in FY22, FY23 and FY24. This change does not result in an increase in the construction cost but just changes the funding schedule. The funding changes will be accommodated outside of CCRPC's fiscal constraint limit.</p>	9/22/21
FY21-59	<b>VT2A Resurfacing, Essex-Colchester</b> (Project STP 0207(4))	Designate \$40,000 from the regional item Design Scoping Projects (OT006) for design.	8/9/21
FY21-60	<b>Resurface VT289, Essex</b> (Project NH033-1(26))	Designate \$40,000 from regional item Design Scoping Projects (OT006) for design.	8/9/21
FY21-61	<b>I-89 Bridge Maintenance, Winooski</b> (Project BM22504)	Designate \$198,000 from regional item Bridge Preventative Maintenance (BR033) for bridge maintenance for bridge 73N -- Lafountain Street.	8/9/21
FY21-62	<b>VT15/Underhill Flats Sidewalk, Underhill</b> (Project BP077)	Add \$76,000 in additional federal funds to construct a sidewalk along VT15 from Park Street to Dumas Street in Underhill. This project previously received a 2013 Bicycle and Pedestrian Program award of \$347,022.	9/22/21

**Changes to Federal Fiscal Year 2022 (October 1, 2021 – September 30, 2022)**

<b>Amendment Number</b>	<b>Project Name</b>	<b>TIP Change</b>	<b>Amendment Date</b>
FY22-01	<b>Intervale Road Shared Use Path, Burlington</b> (Project BP115)	Add \$207,490 in federal funds for design in FY22. Burlington was awarded a 2021 VTrans Bicycle and Pedestrian Program grant (\$1,162,000 in federal funds) to construct a curb-separate, ten-foot-wide shared use path along Intervale Road from Riverside Avenue to the Intervale Center.	9/22/21
FY22-02	<b>Riverside Village Sidewalk, Jericho</b> (Project BP116)	Add \$112,000 in federal funds for design in FY22. Jericho was awarded a 2021 VTrans Bicycle and Pedestrian Program grant (\$600,000) to construct a sidewalk on the east side of VT15 between the Jericho Market and Park Street.	9/22/21
FY22-03	<b>Burlington Train Station Platform</b> (Project RR007)	Reduce federal funds (TIGER VII) in FY21 by \$480,000 to a new total of \$400,000 and add \$294,200 in federal TIGER VII funds in FY22.	9/22/21
FY22-04	<b>Vermont Railway Switch Replacement, Burlington</b> (Project RR013)	Revise the comment section to read “2 switches”, instead of 3. Add the latest cost estimate - \$2,417,813 of which 53.94% is Federal TIGER VII funds. Remove \$1,874,500 in federal TIGER VII funds from FY21 and add \$2,469,055 in federal TIGER VII funds in FY22.	9/22/21
FY22-05	<b>Amtrak Siding, Burlington</b> (Project RR014)	Change VTrans project number to VTRY(51). The latest cost estimate is \$4,577,411. This project is funded with 100% state funds so no funds are shown in the TIP. Construction will take place in FY22.	9/22/21
FY22-06	<b>Intervale Road Rail Crossing Improvements, Burlington</b> (Project RR015)	This project is included in the FY2022 TIP, which has not yet been approved by FHWA so this amendment adds this project to the current TIP. Add \$135,000 in federal Section 130 Rail Grade Crossing funds for preliminary engineering in FY22 and \$405,000 in Section 130 funds for construction in FY23.	9/22/21
FY22-07	<b>Mallets Bay Rail Crossing Improvements, Winooski</b> (Project RR011)	Reduce federal Section 130 Rail Grade Crossing funds in FY21 from \$315,000 (CON) to \$31,500 (PE) and add \$380,880 in Section 130 Rail Grade Crossing funds for construction in FY22.	9/22/21
FY22-08	<b>GMT Preventative Maintenance</b> (Project TR046)	Change the project name from “GMT Preventative Maintenance” to “GMT Preventive Maintenance, Safety and Equipment Replacements”. Funding under this project is to be used for a variety of items including for the replacement of technology equipment such as passenger display monitors, server equipment, security system equipment, and other general office equipment. Renaming this project will better align with the intended use of these funds. The funding amount remains the same.	9/20/21

Amendment Number	Project Name	TIP Change	Amendment Date
FY22-09	<b>Charlotte Rail Bridge over Thorp Brook</b> (Project RR008)	Add \$470,715 in federal funds for construction in FY22. The project will repair and repoint an existing stone culvert and repair the headwall. The FY22-25 TIP has construction funding in FY23 but the project is ready to advance to construction in FY22. This project is part of the work that needs to be done for the Amtrak extension to Burlington and is on the critical path. The project is being funded with western corridor earmark funds and is not subject to fiscal constraint.	10/6/21
FY22-10	<b>GMT Passenger Amenities</b> (Project TR063)	<ul style="list-style-type: none"> <li>▸ Change the project name to “GMT Passenger Amenities and Facility PM”.</li> <li>▸ Revise the federal funding source to “Transfer from 5311 to 5307”.</li> <li>▸ Update the comments section to read "Facility PM such as HVAC, energy efficiency, bus lifts, building envelope, and interiors."</li> </ul>	10/26/21
FY22-11	<b>VT15 Traffic Signal Replacement, Colchester-Essex</b> (Project HP155)	<ul style="list-style-type: none"> <li>▸ Add \$200,000 in federal funds for preliminary engineering in the FY22 year of the FY20-23 TIP. This change will be funded outside of CCRPC’s fiscal constraint limit.</li> <li>▸ The FY22-25 TIP was approved by the CCRPC Commission on 7/21/21 but has not yet been approved by FHWA. The TIP had \$200,000 for preliminary engineering for this project. This amendment will change the FY22 year of the FY20-23 TIP to be consistent with the adopted FY22-25 TIP. This change is defined to be administrative according to CCRPC’s TIP Amendment Policy.</li> </ul>	11/19/21
FY22-12	<b>VT15/Underhill Flats Sidewalk, Underhill</b> (Project BP077)	Advance \$76,000 in VTrans Bicycle and Pedestrian Grant funds from FY21 to FY22. This project is not subject to CCRPC’s fiscal constraint limit. Construction of this project is underway and it was anticipated that these funds would be obligated in FY21 but they were not. The funds are needed in FY22.	11/24/21
FY22-13	<b>Rehabilitate/Replace Culverts on US2, Richmond-Bolton</b> (Project BR064)	Advance \$329,209 in federal funds from FY21 to FY22 for culvert rehabilitation/replacement on US2 from Richmond MM 0 to Bolton MM 1.86. Construction funds for this project were programmed in the FY21 year of the TIP but it did not advance. The project is ready to advance in FY22.	11/24/21
FY22-14	<b>Rehabilitate/Replace Culverts on US7, Charlotte-South Burlington</b> (Project BR063)	Advance \$306,406 in federal funds from FY21 to FY22 for culvert rehabilitation/replacement on US7 from Charlotte MM 2.939 to South Burlington MM 1.738. Construction funds for this project were programmed in the FY21 year of the TIP but it did not advance. The project is ready to advance in FY22.	1/24/21
FY22-15	<b>I-89 Exit 12 Improvements – Stage 1</b> (Project HC016A)	Add \$640,000 in federal funds for construction in FY22 and \$728,800 in federal funds for construction in FY23. This project is scheduled to be bid on December 29, 2021.	12/2/21

Amendment Number	Project Name	TIP Change	Amendment Date
FY22-16	<b>Williston Park and Ride</b> (Project IN004A)	Add \$2,000,000 in federal funds for construction in FY22 and \$2,364,506 in federal funds for construction in FY23.	12/20/21
FY22-17	<b>Resurfacing VT2A, Colchester-Essex</b> (Project HP156)	Add a new project to the TIP in FY22 for resurfacing VT Route 2A from the Class 1 limit north of North Street, in Essex, to US Route 7, in Colchester. Work will also take place on VT Route 127, between its intersections with US Route 7 and VT Route 2A.  Add \$1,795,072 for construction in FY22. Preliminary engineering for this project was funded under regional project Design Scoping Projects (OT006).  Note that this project will be advertised as a composite contract with the Essex NH 033-1(26) project, which will pave VT Route 289 (see below).	2/16/22
FY22-18	<b>Resurfacing VT Route 289, Essex</b> (Project HP157)	Add a new project to the TIP in FY22 for resurfacing VT Route 289, from VT Route 117 to VT Route 2A. Work under this project will also include the VT Route 289 on- and off-ramps.  Add \$2,979,197 for construction in FY22. Preliminary engineering for this project was funded under regional project Design Scoping Projects (OT006).  Note that this project will be advertised as a composite contract with the Essex-Colchester STP 0207(4) project, which will pave VT Route 2A (see above).	2/16/22
FY22-19	<b>GMT Capital – Federal</b> (Project TR003A)	Increase the amount of federal funds in FY22 from \$50,000 to \$200,000.  GMT receives FTA Section 5307 Urbanized Area Formula Funds each year that are divided between two separate projects -- Capital (Project TR003A) and Operating (Project TR002). GMT proposed to increase the amount to Capital (TR003A) to cover necessary preventative maintenance activities. Note that GMT anticipates additional 5307 funds may be available in FY22 so we are not proposing to reduce funding in project TR002 at this time.	2/16/22
FY22-20 and FY22-21	<b>GMT Capital – Facility and Bus Heavy Repairs</b> (Project TR078) and <b>GMT Preventative Maintenance, Safety, and Equipment Replacements</b> (Project TR046)	Add CMAQ as a funding source, along with STP Transfer, to both of these projects. This change will increase funding flexibility for these projects.	2/16/22
FY22-22	<b>East-West Alternative Transportation Crossing, South Burlington</b> (Project BP117)	Add a new project to the TIP in FY22 for an East-West Alternative Transportation Crossing in South Burlington. Add \$240,000 in federal funds for PE in FY22.  South Burlington was awarded a RAISE (Rebuilding American Infrastructure with Sustainability and Equity) grant of \$9,768,834 to construct an Alternative Transportation Crossing of I-89 near Exit 14.	2/16/22

Amendment Number	Project Name	TIP Change	Amendment Date
FY22-23	<b>Lindenwood Dive Closed Drainage System and Stormwater Treatment, South Burlington</b> (Project OT046)	Advance \$96,610 from FY21 to FY22. This amendment changes the FY20 TIP to match the FY22 TIP, which was approved by the CCRPC Board on July 21, 2021. This project will be constructed in 2022.	2/16/22
FY22-24	<b>VT128 Culvert BR1 Carrying Alder Brook, Essex</b> (Project BR060)	Move \$400,000 in federal funds for construction from FY21 to FY22 and add \$60,000. This project did not advance to construction in FY21 but will be constructed in 2022.	2/16/22
FY22-25	<b>Exit 16 Improvements, Colchester</b> (Project HP102)	Change the FY20-23 TIP to match FY22-25 TIP as follows – increase federal funds for construction in FY22 from \$2,965,140 to \$4,000,000, add \$6,090,000 in FY23, and add \$2,997,712 in FY24. The project is scheduled to begin construction in 2022.	2/16/22
FY22-26	<b>Stormwater System Retrofit with Infiltration Systems and Stabilized Outfalls for Three Cul-de-sacs, Essex</b> (Project OT040)	Change the FY20-23 TIP to match FY22-25 TIP as follows -- move \$189,104 from FY20 to FY22. This project is scheduled to be constructed in 2022.	2/16/22
FY22-27	<b>US2 Paving, Bolton-Richmond</b> (Project HP148)	Change the FY20-23 TIP to match FY22-25 TIP as follows -- \$962,838 in FY22, \$7,308,000 in FY23, and \$6,593,440 in FY24. This project is scheduled to begin construction in 2022.	2/16/22
FY22-28	<b>US7 Paving, Charlotte-South Burlington</b> (Project HP149)	Advance construction from FY23/24 to FY22/23 as follows -- \$4,000,000 in FY22 and \$3,879,517 in FY23. This change results in an increase in construction cost of \$728,474 which is a 10% increase. This project is scheduled to begin construction in 2022.	2/16/22
FY22-29	<b>Intervale Road Rail Crossing Improvements, Burlington</b> (Project RR015)	Change federal funding source from Section 130 Rail Grade Crossing to STP and change funding split to 81.08 percent federal and 18.92 percent state funds.	2/11/22
FY22-30	<b>Exit 16 Improvements, Colchester</b> (Project HP102)	Add \$75,000 in federal funds for utility relocation and retaining wall construction associated with the diverging diamond interchange. This is a 0.44% increase in project cost which is defined as an administrative change.	2/15/22
FY22-31	<b>GMT Operating – Federal</b> (Project TR002)	Increase funding in FY22 from \$3,000,000 to \$3,750,000. The Bipartisan Infrastructure law is expected to increase formula funds by 30% and the Small Transit Intensive Cities (STIC) allocation is expected to increase from 2% to 3%. This funding increase is only available to GMT and cannot be used for any other project in the TIP.	4/20/22

Amendment Number	Project Name	TIP Change	Amendment Date
FY22-32	<b>GMT ADA Service</b> (Project TR090)	Add a new project to the TIP for ADA Service. Add \$440,000 in FTA Section 5307 funds in FY22. GMT is entitled to allocate up to 10% of its 5307 apportionment to cover ADA service costs at an 80/20 federal/local split. The amount shown is 10% of GMT's projection of its total 5307 apportionment in FFY22. These funds are only available to GMT and cannot be used for any other project in the TIP.	4/20/22
FY22-33	<b>Champlain Parkway – Burlington</b> (Project HC001)	<p>Increase construction amount from \$35,000,000 to \$62,747,145. This is a 79% increase in project cost which is defined as a Major Amendment according to CCRPC's TIP Amendment Policy and requires a Public Hearing.</p> <p>This project will be constructed in two phases. Phase 1 is from Home Avenue to Kilburn Street. Modify the TIP to reflect the following funding schedule for Phase 1:</p> <ul style="list-style-type: none"> <li>▸ FY22- Reduce TIP funds from \$9,389,581 to \$6,434,148. Releases \$2,955,433 to be applied in FY25.</li> <li>▸ FY23 – Increase TIP funding from \$10,000,000 to \$14,983,127. Funds to come from Exit 17 – see detail below.</li> <li>▸ FY24 – Increase TIP funding from \$9,960,419 to \$15,302,234. Funds to come from Exit 17 – see details below.</li> <li>▸ FY25 – Add \$9,320,428. These funds will come from outside CCRPC's fiscal constraint limit.</li> </ul> <p>Phase 2 is from I-189 to Home Avenue and Kilburn Street to Main Street. Construction of this phase will begin in FY26 as detailed below. Note that this Phase is not part of the FY22-25 Fiscal Constraint Limit.</p> <ul style="list-style-type: none"> <li>▸ FY26 - \$11,531,428</li> <li>▸ FY27 - \$5,718,068</li> <li>▸ FY28 - \$1,457,713</li> </ul> <p><b>Reason for Change:</b> The project received one bid which was approximately 57% over the engineer's estimate for the work. There were a number of factors that contributed to the significantly higher than estimated bid price including the following: increased demand on contractor services, a surge in energy cost that is anticipated to continue, supply chain issues, high inflation rate, labor shortages. The contractor likely anticipated that these issues will continue into the future and impact the seven year construction schedule for this project.</p>	5/18/22



Amendment Number	Project Name	TIP Change	Amendment Date
FY22-34	<b>Exit 17 Improvements, Colchester</b> (Project BT050)	<p>Change TIP funding for this project to align with the State FY23 Transportation Capital Program and maintain fiscal constraint. The TIP has construction funds for this project beginning in FY22 and the Capital Program delays construction to begin in FY24. Change the TIP as follows:</p> <ul style="list-style-type: none"> <li>▸ FY22 – Reduce funding from \$900,000 to \$600,000 for ROW. Release \$300,000 to be applied in FY25.</li> <li>▸ FY23 – The TIP has \$15,225,000 but no funds are needed. Transfer \$4,983,127 to Champlain Parkway and release \$10,241,873 to be applied in FY25.</li> <li>▸ FY24 – Reduce funding from \$10,187,145 to \$4,000,000. Transfer \$5,341,815 to Champlain Parkway and release \$845,330 to be applied to FY25.</li> <li>▸ FY25 – Add \$16,800,000 -- \$14,361,636 to come from released funds and \$2,438,364 to be funded outside of CCRPC’s fiscal constraint limit.</li> <li>▸ FY26 – Add balance of construction funds - \$4,388,272 (outside of FY22-25 TIP Fiscal Constraint Limit).</li> </ul>	5/18/22
FY22-35	<b>Bridge 23 on US2, Williston</b> (Project BR067)	<p>Add a new project to the TIP in FY22 to replace Bridge 23 on US2 over an unnamed tributary with related approach and channel work. This is a Major Amendment according to CCRPC’s TIP Amendment Policy because it is a new project.</p> <p>Add \$280,000 for PE in FY22 and \$8,000 for right-of-way in FY24. Construction schedule to be determined.</p>	5/18/22
FY22-36	<b>US7 Paving, Charlotte-South Burlington</b> (Project HP149)	<p>Add \$1,468,019 in federal funds in FY23. This is a 17% increase in project cost which is defined as a Minor Amendments according to CCRPC’s TIP Amendment Policy. This change will be funded outside of CCRPC’s Fiscal Constraint limit.</p> <p>The previous cost estimate of \$\$9,849,396 was developed at the preliminary plans phase of this project. The new cost estimate of \$11,528,782 was developed based on final plans and reflect updated design elements and unit costs.</p>	4/20/22
FY22-37	<b>Shelburne Street Roundabout</b> (Project HP085)	<p>Move \$3,481,580 in construction funds from FY21 to FY22 and FY23 as follows -- \$2,812,829 in FY22 for a new total of \$7,494,629; \$861,183 plus an additional \$192,432 for a new total of \$2,617,482. This project was anticipated to spend more funds for construction in FY21 than were actually needed. The project is anticipated to complete construction in FY22 and FY23.</p>	6/15/22

Amendment Number	Project Name	TIP Change	Amendment Date
FY22-38	<b>Severance Corners Intersection Project</b> (Project HP110)	Advance funds from FY23 to FY22 as follows -- \$300,000 for preliminary engineering and \$1,250,000 for right-of-way. \$2,323,409 remains for construction in FY23 and additional funds will be added in FY24. This project was anticipated to spend the bulk of right-of-way funds in FY23 but VTrans proposes to convert additional funds using Advance Construction financing.	6/15/22
FY22-39	<b>Milton Salt and Sand Shed</b> (Project OT051)	This project was awarded a \$300,000 (federal) Transportation Alternatives award in 2022. Add \$200,000 for design in FY22.	6/15/22
FY22-40	<b>Hinesburg Sidewalk Relocation and Crosswalk Improvements</b> (Project BP118)	This project was awarded a \$102,460 (federal) Transportation Alternatives award in 2022. Add \$50,000 for design in FY22.	6/15/22
FY22-41	<b>I-89 Culvert Replacement, Richmond</b> (Project BR069)	<p>Emergency replacement of a corrugated galvanized multi plate pipe on the southbound lanes of I-89 in Richmond at mm 77.403. The project requires closing the southbound lanes and constructing a crossover. Amend the TIP as follows:</p> <ul style="list-style-type: none"> <li>▸ Add \$225,000 in federal National Highway Preservation Program (NHPP) funds in FY22 for preliminary engineering.</li> <li>▸ Add \$900,000 in COVID stimulus funds for construction in FY22.</li> <li>▸ Add \$13,428,000 in NHPP funds for construction in FY23. The FY23 funds will be advanced construction funds.</li> </ul>	7/1/22