

## CCRPC FY2022 Transportation Improvement Program (TIP) Amendments

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

Amendment Number	Project Name	TIP Change	Amendment Date
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)	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. 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	Not needed		
FY22-07	<b>Mallets Bay Rail Crossing Improvements, Winooski</b> (Project RR011)	Add \$49,680 in Section 130 Rail Grade Crossing funds for construction in FY22. New total in FY22 is \$380,880.	9/22/21
FY22-08	<b>GMT Preventative Maintenance</b> (Project TR046)	Change the project name from “GMT Preventative Maintenance” to “GMT Preventive Maintenance, Supply 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)	Advance \$470,715 in federal funds for construction from FY23 to FY22. The project will repair and repoint an existing stone culvert and repair the headwall. 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>	10/29/21
FY22-11	<b>VT15 Traffic Signal Replacement, Colchester-Essex</b> (Project HP155)	Advance \$50,000 in federal funds for preliminary engineering from FY23 to FY22. The new total in FY22 is \$200,000.	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)	Adjust funding amounts to current cost estimate -- \$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
FY22-16	<b>Williston Park and Ride</b> (Project IN004A)	Adjust funding amounts to current cost estimate - \$2,000,000 in federal funds for construction in FY22 and \$2,364,506 in federal funds for construction in FY23.	12/20/21

Amendment Number	Project Name	TIP Change	Amendment Date
FY22-17	<b>Resurfacing VT2A, Colchester-Essex</b> (Project HP156)	<p>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.</p> <p>Add \$1,795,072 for construction in FY22. Preliminary engineering for this project was funded under regional project Design Scoping Projects (OT006).</p> <p>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).</p>	2/16/22
FY22-18	<b>Resurfacing VT Route 289, Essex</b> (Project HP157)	<p>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.</p> <p>Add \$2,979,197 for construction in FY22. Preliminary engineering for this project was funded under regional project Design Scoping Projects (OT006).</p> <p>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).</p>	2/16/22
FY22-19	<b>GMT Capital – Federal</b> (Project TR003A)	<p>Increase the amount of federal funds in FY22 from \$50,000 to \$200,000.</p> <p>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.</p>	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)	<p>Add CMAQ as a funding source, along with STP Transfer, to both of these projects. This change will increase funding flexibility for these projects.</p>	2/16/22
FY22-22	<b>East-West Alternative Transportation Crossing, South Burlington</b> (Project BP117)	<p>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.</p> <p>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.</p>	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)	No Change	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)	No Change	2/16/22
FY22-26	<b>Stormwater System Retrofit with Infiltration Systems and Stabilized Outfalls for Three Cul-de-sacs, Essex</b> (Project OT040)	No Change	2/16/22
FY22-27	<b>US2 Paving, Bolton-Richmond</b> (Project HP148)	No Change	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 TIP 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)	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: <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
FY22-42	<b>King Street Crossing Improvements, Burlington</b> (Project HP150)	Increase total project cost from \$1,254,288 (federal+state) to \$1,455,146 (federal+state) which is an 16% increase in project cost. The current TIP has \$503,975 in federal funds in FY22. Advance \$349,793 from FY21 and add \$180,772 for a new total in FY22 of \$1,034,540 in federal funds. This project is funded with Section 130 Safety Funds which are not subject to CCRPC's fiscal constraint limit. This change updates the project cost to match the low bid amount.	8/12/22
FY22-43	<b>Maple Street Rail Crossing Safety Improvements, Burlington</b> (Project HP154)	Increase total project cost from \$1,506,859 (federal+state) to \$1,781,052 (federal+state) which is an 18% increase in project cost. The current TIP has \$758,175 in federal funds in FY22. Advance \$276,748 from FY21 and add \$246,774 for a new total in FY22 of \$1,271,697 in federal funds. This project is funded with Section 130 Safety Funds which are not subject to CCRPC's fiscal constraint limit. This change updates the project cost to match the low bid amount.	8/12/22

Amendment Number	Project Name	TIP Change	Amendment Date
FY22-44	<b>Charlotte Rail Bridge over Thorp Brook</b> (Project RR008)	<p>The low bid price for the Charlotte Rail Bridge over Thorp Brook was higher than the construction estimate. Additional funds are to be provided from two Regional Items on the TIP. Designating the use of Regional items is defined as an Administrative Change to the TIP.</p> <ul style="list-style-type: none"> <li>▸ Designate \$500,000 from Regional Item OT017 <b>Modifications and Overruns</b></li> <li>▸ Designate \$365,985 from Regional Item RR012 <b>Amtrak Service</b></li> </ul>	8/9/22
FY22-45	<b>VT15/Sand Hill Road, Essex</b> (Project HP082)	Transfer \$75,000 in federal funds from ROW to PE in FY22 and add \$50,000 in HSIP funds from project OT001 Regional Safety for a total of \$125,000 for PE in FY22. Designating the use of Regional Items is defined as an administrative change to the TIP.	8/30/22
FY22-46	<b>Bayside Intersection Roundabout and Stormwater Improvements, Colchester</b> (Project HP139)	Designate the use of \$180,000 from project OT001 Regional Safety for preliminary engineering in FY22. Designating the use of Regional Items is defined as an administrative change to the TIP. The project was expected to begin PE in FY23 but is ready to begin that phase in FY22. Funds are available within the fiscal constraint.	8/30/22
FY22-47	<b>I-89 Culvert Replacement, Richmond</b> (Project BR069)	Advance \$6,750,000 in federal funds from FY23 to FY22 with no overall change in project cost. VTrans received additional obligational authority through the August redistribution, and they want to use a portion of that funding to advance funds from FY23 to FY22 on this project.	9/13/22
FY22-48	<b>US2 Paving, Bolton-Richmond</b> (Project HP148)	Advance \$2,500,000 in federal funds from FY24 to FY22 with no overall change in project cost. VTrans received additional obligational authority through the August redistribution, and they want to use a portion of that funding to advance funds from FY24 to FY22 on this project.	9/13/22



**Changes to Federal Fiscal Year 2023 (October 1, 2022 – September 30, 2023)**

Amendment Number	Project Name	TIP Change	Amendment Date
FY23-01	<b>Queen City Park Road Sidepath, Burlington</b> (Project BP119)	Add \$180,000 in federal funds for design in FY23. Burlington was awarded a 2022 VTrans Bicycle and Pedestrian Program grant (\$828,000 in federal funds) to construct a ten-foot-wide shared use path along Queen City Park Road.	9/21/22
FY23-02	<b>Main Street Winooski River Bridge, Burlington-Winooski</b> (Project BR070)	Add \$1,000,000 in federal grant funds for preliminary engineering in FY23 and \$1,000,000 in federal grant funds for preliminary engineering in FY24. Right-of-way and construction funds will be added when the schedule is confirmed.  This project was awarded a \$24.8 million Rebuilding American Infrastructure with Sustainability and Equity (RAISE) Grant to replace the 93-year old Winooski River Bridge. The construction estimate is \$43.7 million and will be funded with 80 percent federal funds, 10 percent state funds, and 10 percent local funds. Construction schedule is to be determined.	11/16/22
FY23-03	<b>Crescent Connector, Essex Junction</b> (Project HC014)	Add \$2,929,755 in federal funds in the FY24 year of the FY22-25 TIP. This change matches the amount in the FY23-25 TIP, adopted by the CCRPC Board on July 20, 2022, therefore this change is defined as an administrative amendment. The FY22 TIP has \$3,961,245 in FY23 so the new TIP total is \$6,891,000.	11/2/22
	<b>Severance Corners Intersection Improvements, Colchester</b> (Project HP110)	Reduce funding in the FY24 year of the FY22-25 TIP by \$2,138,351 in federal funds. This change matches the amount in the FY23-25 TIP, adopted by the CCRPC Board on July 20, 2022, therefore this change is defined as an administrative amendment. This change is needed to maintain fiscal constraint.	
	<b>Richmond BR29 on US2 over I-89</b> (Project BR059)	Reduce funding in the FY24 year of the FY22-25 TIP by \$791,404 in federal funds. This change matches the amount in the FY23-25 TIP, adopted by the CCRPC Board on July 20, 2022, therefore this change is defined as an administrative amendment. This change is needed to maintain fiscal constraint.	