

Amendments to the 2022-2027 CDTC TIP

At its May 3, 2023, meeting, the CDTC Planning Committee approved the following amendments to the Transportation Improvement Program (TIP).

1. R331, 1761.75, South Street Bridge Replacement & Pedestrian Improvements, City of Rensselaer, Rensselaer County.

During the preliminary design phase, the City’s consulting engineers (GPI) determined overhead utility lines will need to be relocated ahead of pile driving and structure installation. GPI and National Grid determined the best solution would be to install two new utility poles that will sit back farther west from the proposed structure. In addition, after many months of reviewing the proposed ROW takings, CSX and Amtrak have required that all proposed takings originally proposed on their adjoining parcels be converted to permanent easements. This has required a design change from integral abutments with standard inline wingwall extensions to conventional abutments with U-shaped wingwalls in order to preserve the footprint of the permanent structure and the majority of the stone armoring within the existing highway boundaries. Also, the remainder of the South Street corridor between Second Avenue and Aiken Avenue has been realigned to run parallel to the highway boundary, with additional cross-section including the proposed sidewalk, centered between the boundaries to reduce permanent easement needs for grading. As a result of National Grid, CSX, and Amtrak’s needs, additional funding will be necessary.

GPI prepared a construction estimate utilizing current NYSDOT Transport Estimator and as necessary weighted average bid prices as of today, with inflation factoring shown in the Final Design Report. Prices of key bridge items, such as steel, have continued to be volatile over the last few years. Based on GPI’s current estimate, costs are higher now than when an initial construction cost estimate was completed. Additional funding is necessary to procure these vital construction items.

The amendment is detailed in the tables below.

TIP #	PIN	Current TIP Data				Proposed TIP Data			
		Phase	Fund Source	FFY	Cost (\$M)	Phase	Fund Source	FFY	Cost (\$M)
R331	176175	P	STP-Urb	19-20	0.150	P	STP-Urb	19-20	0.150
		I	STP-Urb	20-21	0.022	I	STP-Urb	20-21	0.022
		D	STP-Urb	21-22	0.150	D	STP-Urb	21-22	0.150
		R	STP-Urb	21-22	0.028	R	STP-Urb	21-22	0.028
		CI	STP-Urb	23-24	0.219	CI	STP-Urb	23-24	0.282
		C	STP-Urb	23-24	1.626	C	STP-Urb	23-24	2.153
		Total				2.195	Total		

Amendments 2 – 8 are all related as part of the CDTA update for the actual apportionments of FTA 5307 and FTA 5339 funding for 2023.

The numbers listed in the 2022 – 2027 TIP for FTA 5307 and FTA 5339 funding sources are estimated based on historical information. The FTA released their complete FFY 2023 apportionment tables in January 2023 which provided the actual allocations for these funding sources available for CDTA projects.

The approved amendments reflect the SFY 2023-24 CDTA budget based on the actual FTA apportionments and approved at the March 29, 2023, CDTA Board Meeting. CDTA is required to submit federal grant applications in June, so the TIP will be updated to reflect the approved budget prior to grant submittal. Some of the phases listed as Miscellaneous are also being corrected in certain projects.

2. T6B, 1820.37, Star Bus Replacement and Expansion, CDTA, Regional
(This amendment will require CDTC Policy Board approval at the June 2023 meeting)

This change aligns programming to correspond to the updated cost estimate and vehicle quantity to be ordered this year according to the CDTA board approval capital plan and actual funding apportionment. The Project Phase should also be listed as Vehicles, so this is being corrected.

TIP #	PIN	Current TIP Data				Proposed TIP Data			
		Phase	Fund Source	FFY	Cost (\$M)	Phase	Fund Source	FFY	Cost (\$M)
T6B	1820.37	Misc	Sec 5307	22-23	1.070	V	Sec 5307	22-23	1.050
		Misc	Sec 5307	23-24	0.570	V	Sec 5307	23-24	0.570
		Misc	Sec 5307	24-25	0.600	V	Sec 5307	24-25	0.600
		Misc	Sec 5307	25-26	0.600	V	Sec 5307	25-26	0.600
		Misc	Sec 5307	26-27	0.600	V	Sec 5307	26-27	0.600
		Total				3.440	Total		

3. T11, 1821.18, Passenger Facility Improvements at Various Locations, CDTA, Regional
(This amendment will require CDTC Policy Board approval at the June 2023 meeting)

This change aligns programming to correspond to the updated cost estimate according to the CDTA board approval capital plan and actual funding apportionment.

TIP #	PIN	Current TIP Data				Proposed TIP Data			
		Phase	Fund Source	FFY	Cost (\$M)	Phase	Fund Source	FFY	Cost (\$M)
T11	1821.18	Misc	Sec 5307-ATI	22-23	0.450	F	Sec 5307-ATI	22-23	0.500
		Misc	Sec 5307-ATI	23-24	0.200	F	Sec 5307-ATI	23-24	0.200
		Misc	Sec 5307-ATI	24-25	0.200	F	Sec 5307-ATI	24-25	0.200
		Misc	Sec 5307-ATI	25-26	0.200	F	Sec 5307-ATI	25-26	0.200
		Misc	Sec 5307-ATI	26-27	0.200	F	Sec 5307-ATI	26-27	0.200
		Total				1.250	Total		

4. **T17, 1820.48, Transit Bus Replacement / Expansion, CDTA, Regional**
(This amendment will require CDTC Policy Board approval at the June 2023 meeting)

This change aligns programming to correspond to the updated cost estimate and vehicle quantity to be ordered this year according to the CDTA board approval capital plan and actual funding apportionment.

TIP #	PIN	Current TIP Data				Proposed TIP Data				
		Phase	Fund Source	FFY	Cost (\$M)	Phase	Fund Source	FFY	Cost (\$M)	
T17	182048	Misc	Sec 5307	22-23	14.413	V	Sec 5307	22-23	1.555	
		Misc	Sec 5339	22-23	1.687	V	Sec 5339	22-23	2.175	
		Misc	Sec 5307	23-24	14.375	V	Sec 5307	23-24	14.375	
		Misc	Sec 5339	23-24	1.725	V	Sec 5339	23-24	1.725	
		Misc	Sec 5307	24-25	14.436	V	Sec 5307	24-25	14.436	
		Misc	Sec 5339	24-25	1.765	V	Sec 5339	24-25	1.765	
		Misc	Sec 5307	25-26	14.644	V	Sec 5307	25-26	14.644	
		Misc	Sec 5339	25-26	1.806	V	Sec 5339	25-26	1.806	
		Misc	Sec 5307	26-27	14.602	V	Sec 5307	26-27	14.602	
		Misc	Sec 5339	26-27	1.847	V	Sec 5339	26-27	1.847	
Total					81.300	Total				68.930

5. **T57, 1TR604, Preventative Maintenance for Transit Projects, CDTA, Regional**
(This amendment will require CDTC Policy Board approval at the June 2023 meeting)

This change aligns programming to correspond to the updated cost estimate according to the CDTA board approval capital plan and actual funding apportionment.

TIP #	PIN	Current TIP Data				Proposed TIP Data				
		Phase	Fund Source	FFY	Cost (\$M)	Phase	Fund Source	FFY	Cost (\$M)	
T57	1TR604	Misc	Sec 5307	22-23	23.480	Misc	Sec 5307	22-23	32.981	
		Misc	Sec 5307	23-24	3.370	Misc	Sec 5307	23-24	3.370	
		Misc	Sec 5307	24-25	2.590	Misc	Sec 5307	24-25	2.590	
		Misc	Sec 5307	25-26	2.590	Misc	Sec 5307	25-26	2.590	
		Misc	Sec 5307	26-27	2.590	Misc	Sec 5307	26-27	2.590	
		Total					34.620	Total		

6. T14B, CDTC08, Transit Operations Support for Saratoga Service: Preventative Maintenance and Operating Assistance, CDTA, Saratoga County

(This amendment will require CDTC Policy Board approval at the June 2023 meeting)

This change aligns programming to correspond to the updated cost estimate according to the CDTA board approval capital plan and actual funding apportionment.

TIP #	PIN	Current TIP Data				Proposed TIP Data			
		Phase	Fund Source	FFY	Cost (\$M)	Phase	Fund Source	FFY	Cost (\$M)
T14B	CDTC08	Misc	Sec 5307	22-23	3.603	Misc	Sec 5307	21-22	3.609
		Misc	Sec 5307	23-24	1.864	Misc	Sec 5307	23-24	1.864
		Misc	Sec 5307	24-25	1.907	Misc	Sec 5307	24-25	1.907
		Misc	Sec 5307	25-26	1.951	Misc	Sec 5307	25-26	1.951
		Misc	Sec 5307	26-27	1.995	Misc	Sec 5307	26-27	1.995
		Total				11.320	Total		

7. T137, CDTC137, Bus Plus Red Line Upgrades, CDTA, Regional

(This amendment will require CDTC Policy Board approval at the June 2023 meeting)

This change programs additional funding to this project to support activities that are eligible under 5307 funds, but not eligible using BRT setaside funds. Previously programmed funding remains unchanged.

TIP #	PIN	Current TIP Data				Proposed TIP Data			
		Phase	Fund Source	FFY	Cost (\$M)	Phase	Fund Source	FFY	Cost (\$M)
T137	CDTC137	Misc	FLEX	22-23	5.205	Misc	FLEX	22-23	5.205
		C	FLEX	22-23	0.114	C	FLEX	22-23	0.114
		D	STP-URB	22-23	1.892	D	STP-URB	22-23	1.892
		C	STP-URB	22-23	0.858	C	STP-URB	22-23	0.858
		D	NHPP	22-23	1.005	D	NHPP	22-23	1.005
		CI	NHPP	22-23	0.660	CI	NHPP	22-23	0.660
		C	NHPP	22-23	8.115	C	NHPP	22-23	8.115
		C	Local	22-23	0.657	C	Local	22-23	0.657
						C	Sec 5307	22-23	0.660
		Total				18.506	Total		

8. T140, CDTA03, Flex Micro-Transit Vehicle Replacement / Expansion, CDTA, Regional
(This amendment will require CDTC Policy Board approval at the June 2023 meeting)

This change aligns programming to correspond to the updated cost estimate and vehicle quantity to be ordered this year according to the CDTA board approval capital plan and actual funding apportionment.

TIP #	PIN	Current TIP Data				Proposed TIP Data			
		Phase	Fund Source	FFY	Cost (\$M)	Phase	Fund Source	FFY	Cost (\$M)
T140	CDTA03	V	Sec 5307	22-23	0.560	V	Sec 5307	22-23	1.120
		Total				0.560	Total		