

MBTA Capital Program - Federal Funding  
 FFYs 2021-25 Transportation Improvement Program (TIP) Amendment Two (Endorsed January 7, 2021)

Federal Funding Program	ALI	2021	2022	2023	2024	2025	FFY21-25 Total (Federal)	FFY21-25 Total (Incl. Match)
<b>5307</b>		<b>\$236,205,607</b>	<b>\$153,246,962</b>	<b>\$155,867,485</b>	<b>\$158,532,819</b>	<b>\$161,243,730</b>	<b>\$865,096,604</b>	<b>\$1,081,370,755</b>
Revenue Vehicle Program	12.12.00	\$71,555,992	\$115,966,048	\$118,586,571	\$121,251,905	\$123,962,816	\$551,323,330	\$689,154,163
Signals/Systems Upgrade Program	12.63.01	\$7,422,768	\$37,280,915	\$37,280,915	\$37,280,915	\$37,280,915	\$156,546,427	\$195,683,034
Stations and Facilities Program	12.34.00	\$26,226,847	\$0	\$0	\$0	\$0	\$26,226,847	\$32,783,558
Preventive Maintenance	12.7A.00	\$131,000,000	\$0	\$0	\$0	\$0	\$131,000,000	\$163,750,000
<b>5337</b>		<b>\$310,295,047</b>	<b>\$150,286,835</b>	<b>\$152,856,739</b>	<b>\$155,470,590</b>	<b>\$158,129,137</b>	<b>\$927,038,347</b>	<b>\$1,158,797,934</b>
Bridge & Tunnel Program	12.24.05	\$23,927,558	\$42,698,292	\$42,698,292	\$42,698,292	\$42,698,292	\$194,720,727	\$243,400,909
Revenue Vehicle Program	12.12.00	\$0	\$16,986,118	\$16,986,118	\$16,986,118	\$16,986,118	\$67,944,474	\$84,930,592
Signals/Systems Upgrade Program	12.63.01	\$1,200,000	\$39,923,574	\$39,923,574	\$39,923,574	\$39,923,574	\$160,894,297	\$201,117,871
Stations and Facilities Program	12.34.00	\$66,167,490	\$20,678,850	\$53,248,754	\$55,862,605	\$58,521,152	\$254,478,850	\$318,098,562
Preventive Maintenance	12.7A.00	\$219,000,000	\$30,000,000	\$0	\$0	\$0	\$249,000,000	\$311,250,000
<b>5339</b>		<b>\$6,758,840</b>	<b>\$6,874,416</b>	<b>\$6,991,968</b>	<b>\$7,111,531</b>	<b>\$7,233,138</b>	<b>\$34,969,893</b>	<b>\$43,712,367</b>
Bus Program	11.14.00	\$6,758,840	\$6,874,416	\$6,991,968	\$7,111,531	\$7,233,138	\$34,969,893	\$43,712,367
<b>FY21-25 FTA Formula Funding</b>		<b>\$553,259,494</b>	<b>\$310,408,213</b>	<b>\$315,716,193</b>	<b>\$321,114,940</b>	<b>\$326,606,005</b>	<b>\$1,827,104,845</b>	<b>\$2,283,881,056</b>
<b>5309 - GLX</b>		<b>\$250,000,000</b>	<b>\$46,121,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$296,121,000</b>	<b>\$592,242,000</b>
Green Line Extension	13.23.03	\$250,000,000	\$46,121,000	\$0	\$0	\$0	\$296,121,000	\$592,242,000
<b>Other Federal</b>		<b>\$179,367,911</b>	<b>\$439,094,981</b>	<b>\$169,191,912</b>	<b>\$137,082,391</b>	<b>\$0</b>	<b>\$924,737,195</b>	<b>\$857,750,000</b>
Passenger Ferry Grant Program	12.33.05	\$3,500,000	\$0	\$0	\$0	\$0	\$3,500,000	\$7,000,000
PTC/ATC/Fiber - RRIF Financing	12.63.01	\$105,380,716	\$439,094,981	\$169,191,912	\$137,082,391	\$0	\$850,750,000	\$850,750,000
Tower One - FRA Grant	12.34.02	\$41,183,845	\$0	\$0	\$0	\$0	\$41,183,845	\$82,367,690
Worcester Union Station - FRA Grant	12.64.01	\$29,303,350	\$0	\$0	\$0	\$0	\$29,303,350	\$58,606,700
<b>FY21-25 Total Federal Funding</b>		<b>\$947,383,807</b>	<b>\$795,624,193</b>	<b>\$484,908,105</b>	<b>\$458,197,332</b>	<b>\$326,606,005</b>	<b>\$3,012,719,442</b>	<b>\$3,733,873,056</b>

Note:

FTA formula funds (5307, 5337 and 5339) are based on estimated apportionments.

TIP programs and projects are based on the FY21 CIP and planned FY22-25 federal obligations as of Nov-20. Adjustments will be made to federal projects and budgets as the FY22-26 CIP process is finalized.

The Activity Line Item (ALI) codes are preliminary only and generally reflect the bulk of the TIP program. Within a program there may be several different ALI codes used.

Green Line Extension funding is based on the FFGA. \$700.0M has been obligated to date; \$296.1M balance.

RRIF loan funding for the PTC/ATC/Fiber Resiliency project is based on the planned drawdown schedule as of Nov-20, and is subject to change.

FFYs 2021-25 TIP Amendment Two (Endorsed January 7, 2021)  
Summary of MBTA Changes by FFY and TIP Program (Federal Funds)

Federal Funding Program	ALI	2021	2022	2023	2024	2025	FFY21-25 Total (Federal)	FFY21-25 Total (Incl. Match)
<b>5307</b>		<b>\$85,535,110</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>(\$0)</b>	<b>\$85,535,110</b>	<b>\$106,918,888</b>
Revenue Vehicle Program	12.12.00	(\$26,104,138)	(\$8,705,219)	(\$8,705,220)	(\$8,705,220)	(\$8,705,220)	(\$60,925,017)	(\$76,156,271)
Signals/Systems Upgrade Program	12.63.01	(\$40,577,232)	\$10,144,308	\$10,144,308	\$10,144,308	\$10,144,308	(\$0)	(\$0)
Stations and Facilities Program	12.34.00	\$21,216,480	(\$1,439,088)	(\$1,439,088)	(\$1,439,088)	(\$1,439,088)	\$15,460,127	\$19,325,159
Preventive Maintenance	12.7A.00	\$131,000,000	\$0	\$0	\$0	\$0	\$131,000,000	\$163,750,000
<b>5337</b>		<b>\$162,534,911</b>	<b>\$0</b>	<b>(\$0)</b>	<b>\$0</b>	<b>(\$0)</b>	<b>\$162,534,911</b>	<b>\$203,168,638</b>
Bridge & Tunnel Program	12.24.05	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Revenue Vehicle Program	12.12.00	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Signals/Systems Upgrade Program	12.63.01	(\$61,401,253)	\$10,990,937	\$10,990,937	\$10,990,937	\$10,990,937	(\$17,437,506)	(\$21,796,882)
Stations and Facilities Program	12.34.00	\$4,936,164	(\$40,990,937)	(\$10,990,937)	(\$10,990,936)	(\$10,990,937)	(\$69,027,584)	(\$86,284,480)
Preventive Maintenance	12.7A.00	\$219,000,000	\$30,000,000	\$0	\$0	\$0	\$249,000,000	\$311,250,000
<b>5339</b>		<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Bus Program	11.14.00	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>FY21-25 FTA Formula Funding</b>		<b>\$248,070,021</b>	<b>\$0</b>	<b>(\$0)</b>	<b>\$0</b>	<b>(\$0)</b>	<b>\$248,070,021</b>	<b>\$310,087,526</b>
<b>5309 - GLX</b>		<b>\$150,000,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$150,000,000</b>	<b>\$300,000,000</b>
Green Line Extension	13.23.03	\$150,000,000	\$0	\$0	\$0	\$0	\$150,000,000	\$300,000,000
<b>Other Federal</b>		<b>\$78,797,911</b>	<b>(\$86,905,019)</b>	<b>\$53,511,912</b>	<b>\$57,082,391</b>	<b>\$0</b>	<b>\$102,487,195</b>	<b>\$32,000,000</b>
Passenger Ferry Grant Program	12.33.05	\$3,500,000	\$0	\$0	\$0	\$0	\$3,500,000	\$3,500,000
PTC/ATC/Fiber - RRIF Financing	12.63.01	\$4,810,716	(\$86,905,019)	\$53,511,912	\$57,082,391	\$0	\$28,500,000	\$28,500,000
Tower One - FRA Grant	12.34.02	\$41,183,845	\$0	\$0	\$0	\$0	\$41,183,845	\$41,183,845
Worcester Union Station - FRA Grant	12.64.01	\$29,303,350	\$0	\$0	\$0	\$0	\$29,303,350	\$29,303,350
<b>FY21-25 Total Federal Funding</b>		<b>\$441,624,334</b>	<b>(\$86,905,019)</b>	<b>\$53,511,912</b>	<b>\$57,082,392</b>	<b>(\$0)</b>	<b>\$465,313,618</b>	<b>\$642,087,526</b>

**Explanations for TIP Funding Adjustments:**

This table compares the proposed FFY21-25 TIP Amendment to the most recent FFY21-25 TIP that was endorsed by the MPO. FFY21 was adjusted to reflect the projects that we expect to incorporate into FTA grants during the rest of FFY21 based on readiness. FFY22-25 reflect available funding and projected obligations by program, which will be refined as part of the FY22-26 CIP and TIP.

In terms of total FTA formula funds, FFY21 has been increased to reflect the carryover of FFY20 funds not yet obligated or planned for deobligation (most which will be reprogrammed for Preventive Maintenance). FFY22-25 funding levels are consistent with the current TIP.

This TIP Amendment reprograms a total of \$380M from capital projects to Preventive Maintenance in order to help address anticipated FY21-22 operating budget funding shortfalls due to reduced revenues and COVID-related expenses. This table shows what TIP programs were impacted by this shift to Preventive Maintenance. Project-level impacts are shown in a separate table.

For other FTA funding programs, the GLX increase is due to \$150M of unobligated funds being carried forward into FFY21. The Ferry Grant funding is likewise carried forward from FFY20 into FFY21. The RRIF financing has been adjusted to reflect the current drawdown schedule for PTC, ATC and Fiber Resiliency. Tower One and Worcester Union Station are recently awarded FRA grants, with funding expected to be obligated in FFY21.

**MBTA Federal Capital Program**  
**FFYs 2021-25 TIP Amendment Two - Project List and Descriptions (80% Federal Share)**

Funds	TIP Program	CIP ID#	Project Name	Project Description	Current TIP	Amended TIP	Change	TIP Amendment - Explanation
<b>5307 - Revenue Vehicles</b>								
5307	Revenue Vehicles	P0911	Bus Overhaul Program (156 Hybrid, 175 CNG, 45 60ft Hybrid)	Overhaul of MBTA bus fleet (hybrid and CNG)	\$20,800,000	\$20,800,000	\$0	No change
5307	Revenue Vehicles	P0618	Delivery of 40 ft Buses - FY 2021 to FY 2025	Procurement of 40-foot electric and hybrid buses for replacement of diesel bus fleet.	\$180,246,317	\$180,246,317	\$0	No change
5307	Revenue Vehicles	P0619	DMA Replacement	Procurement of 60-foot Dual Mode Articulated (DMA) buses to replace the existing fleet of 32 Silver Line Bus Rapid Transit buses and to provide for ridership expansion projected as a result of Silver Line service extension to Chelsea.	\$82,690,000	\$71,555,992	(\$11,134,008)	Technical adjustment - project budget reduced by \$11.1M to reflect actual contract amount
5307	Revenue Vehicles	P0369	Green Line Type 10 Light Rail Fleet Replacement	Replacement of Light Rail Vehicles to replace the existing Green Line Type 7 and 8 Fleets.	\$162,511,900	\$208,321,021	\$45,809,122	Technical adjustment - FFY20 TIP funding shifted to FFY21-25
5307	Revenue Vehicles	P0638	Midlife Overhaul of 25 New Flyer Allison Hybrid 60ft Articulated Buses	Overhaul of 25 hybrid buses, brought into service in 2009 and 2010, to enable optimal reliability through the end of their service life.	\$3,260,130	\$0	(\$3,260,130)	Technical adjustment - project funds obligated in FFY20 instead
5307	Revenue Vehicles	P0650	Overhaul of 33 Kawasaki 900 Series Bi-Level Coaches	Overhaul and upgrade of existing systems on commuter rail coaches that were brought into service in 2005 to enable optimal reliability through the end of their service life.	\$35,360,000	\$35,360,000	\$0	No change
5307	Revenue Vehicles	P0652	Procurement of Bi-Level Commuter Rail Coaches	Procurement of bi-level commuter rail coaches to replace existing cars that have exceeded their service life.	\$127,380,000	\$35,040,000	(\$92,340,000)	Forging Ahead - FFY21-25 funding reduced to reflect pause
					<b>\$612,248,347</b>	<b>\$551,323,330</b>	<b>(\$60,925,017)</b>	
<b>5307 - Signals and Systems</b>								
5307	Signals and Systems	P0857	Mattapan HSL Transformation	State of good repair and accessibility improvements to all stations, improvements to the power infrastructure, strengthening of corridor bridges, improvements to corridor drainage, and other infrastructure improvements.	\$46,584,000	\$46,584,000	\$0	No change
5307	Signals and Systems	P0285	Signal Program - Red/Orange Line	Various signal upgrades and improvements along both the Red and Orange Lines.	\$109,962,427	\$109,962,427	\$0	No change
					<b>\$156,546,427</b>	<b>\$156,546,427</b>	<b>\$0</b>	
<b>5307 - Stations and Facilities</b>								
5307	Stations and Facilities	P0066	Elevator Program	Installation of new redundant elevators and the replacement of existing elevators at various stations, in order to mitigate degradation of station elevators and to maintain station accessibility during elevator maintenance.	\$9,416,087	\$19,577,300	\$10,161,213	Technical adjustment - FFY20 funding shifted to FFY21-25; budget decreased by \$2.2M
5307	Stations and Facilities	P0165	Harvard Square Busway Repairs	Rehabilitation of roadway, drainage and catenary infrastructure at the Harvard Square Busway.	\$0	\$1,600,000	\$1,600,000	Technical adjustment - FFY20 TIP funding shifted to FFY21-25
5307	Stations and Facilities	P0066e	Harvard/Central Elevator	Elevator Improvements at Harvard/Central to address station accessibility needs.	\$0	\$4,147,007	\$4,147,007	Technical adjustment - FFY20 funding shifted to FFY21-25; budget increased by \$1.1M
5307	Stations and Facilities	P0078	Hingham Ferry Dock Modification	Capital improvements and modifications to the existing ferry dock in Hingham.	\$1,200,000	\$400,000	(\$800,000)	Technical adjustment - most funds obligated in FFY20; \$400,000 remains for FFY21-25

**MBTA Federal Capital Program**  
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Funds	TIP Program	CIP ID#	Project Name	Project Description	Current TIP	Amended TIP	Change	TIP Amendment - Explanation
5307	Stations and Facilities	N/A	Stations & Facilities - Program Allowance	TIP program allowance for future station and facility cost adjustments	\$150,633	\$502,540	\$351,907	Technical adjustment - FFY20 funding shifted to FFY21-25; allowance increased by \$191K
					\$10,766,720	\$26,226,847	\$15,460,127	
<b>5307 - Preventive Maintenance</b>								
5307	Preventive Maintenance	N/A	Preventive Maintenance	Maintenance costs required to preserve or extend the functionality and serviceability of assets in a cost effective manner.	\$0	\$131,000,000	\$131,000,000	Forging Ahead - Added to help offset COVID-related operating budget impacts
					\$0	\$131,000,000	\$131,000,000	
<b>5337 - Bridge and Tunnel</b>								
5337	Bridge and Tunnel	P0495	Bridge Bundling Contract	Replacement of 6 commuter rail bridges: Lynn Fells Parkway in Melrose (Haverhill Line); Parker Street in Lawrence (Haverhill Line); Commercial Street in Lynn (Newburyport/Rockport Line); Bacon Street in Wellesley (Worcester Line); Intervale Road in Weston (Worcester Line); and High Line Bridge in Somerville (Lowell Line).	\$28,314,364	\$28,314,364	\$0	No change
5337	Bridge and Tunnel	P0009	Bridges - Design	Design for high priority bridge repairs system wide.	\$13,571,286	\$13,571,286	\$0	No change
5337	Bridge and Tunnel	P0851	East Cottage Street Bridge	Replacement of East Cottage Street bridge with a new superstructure and substructure to meet design code/standards, as well as MBTA and FTA State of Good Repair requirements.	\$12,687,558	\$12,687,558	\$0	No change
5337	Bridge and Tunnel	P0851	Norfolk Avenue Bridge	Replacement of bridge carrying the Fairmont (Dorchester) Line Commuter Rail service over Norfolk Avenue in Boston.	\$11,240,000	\$11,240,000	\$0	No change
5337	Bridge and Tunnel	P0008	Emergency Bridge Design / Inspection & Rating	Inspection of bridge assets system wide for determination of asset condition ratings and subsequent prioritization and scoping for repairs to select bridges.	\$3,420,324	\$3,420,324	\$0	No change
5337	Bridge and Tunnel	P0037	Emergency Bridge Repair	Repairs to bridges system wide, based on asset condition as determined by system wide inspections.	\$3,426,549	\$3,426,549	\$0	No change
5337	Bridge and Tunnel	P0006	Gloucester Drawbridge Replacement	Replacement of Gloucester Drawbridge with two new independent/operational and functioning movable bascule bridges.	\$12,402,982	\$12,402,982	\$0	No change
5337	Bridge and Tunnel	P0551	Longfellow Approach	Rehabilitation of the Longfellow Approach Viaduct, Charles/MGH Station platforms, and Span 1 of the Longfellow Bridge.	\$91,088,479	\$91,088,479	\$0	No change
5337	Bridge and Tunnel	P0852	Structural Repairs Systemwide	Repairs to bridge or other structures system wide on an emergency or planned basis.	\$8,055,417	\$8,055,417	\$0	No change
5337	Bridge and Tunnel	R0074	Tunnel Inspection Systemwide	Inspection to assess condition of transit tunnels system wide.	\$8,880,000	\$8,880,000	\$0	No change
5337	Bridge and Tunnel	P0182	Tunnel Rehab	Repair and rehabilitation of transit tunnels system wide.	\$1,633,769	\$1,633,769	\$0	No change
					\$194,720,727	\$194,720,727	\$0	

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Funds	TIP Program	CIP ID#	Project Name	Project Description	Current TIP	Amended TIP	Change	TIP Amendment - Explanation
<b>5337 - Revenue Vehicles</b>								
5337	Revenue Vehicles	P0370	Green Line Train Protection	Installation of on-board and wayside equipment for a train monitoring system to determine allowable train separation, based on speed and location, and to prevent vehicles from	\$46,437,946	\$46,437,946	\$0	No change
5337	Revenue Vehicles	P0239	Locomotive Overhaul	Overhaul of commuter rail locomotives to improve fleet availability and service reliability systemwide.	\$21,506,527	\$21,506,527	\$0	No change
					\$67,944,474	\$67,944,474	\$0	
<b>5337 - Signals and Systems</b>								
5337	Signals and Systems	P0097	45 High Street - Data Center Upgrades	Includes new fire suppression/alarm system as well as power, fiber, HVAC and other data center improvements at the MBTA operations center at 45 High Street, Boston.	\$0	\$1,200,000	\$1,200,000	Technical adjustment - FFY20 funding shifted to FFY21-25
5337	Signals and Systems	R0117	Alewife Crossing Improvements	As part of the Red/Orange Line Infrastructure Improvement Program, this project will involve the upgrade of track switches at Alewife Station and associated retrofits to accomodate these new components.	\$7,258,400	\$7,258,400	\$0	No change
5337	Signals and Systems	P0261	Framingham/Worcester Line Third Track and Station Accessibility Impr	Construction of a new three-track section on the Framingham/Worcester Commuter Rail line to improve capacity, efficiency of operations and to bring four (4) commuter rail stations into full ADA compliance.	\$11,885,742	\$11,885,742	\$0	No change
5337	Signals and Systems	P0874	GL B-Branch Infrastructure Improve	Retrofit and replacement of existing infrastructure to address state of good repair and code compliance needs within the right-of-way of the Green Line light rail B Branch between Blandford Street and Boston College.	\$0	\$0	\$0	Forging Ahead - project will be funded from non-federal sources
5337	Signals and Systems	P0878	GL C-Branch Surface Improve	Retrofit and replacement of existing infrastructure to address state of good repair and code compliance needs within the right-of-way of the Green Line light rail C Branch between Kenmore and Cleveland Circle.	\$0	\$0	\$0	Forging Ahead - project will be funded from non-federal sources
5337	Signals and Systems	P0879	GL E-Branch Surface Improve	Retrofit and replacement of existing infrastructure to address state of good repair and code compliance needs within the right-of-way of the Green Line light rail E Branch between Symphony and Huntington Avenue.	\$0	\$0	\$0	Forging Ahead - project will be funded from non-federal sources
5337	Signals and Systems	P0468	Green Line (Non-GLX) Grade Crossings	Replacement of existing at-grade crossings at various locations on the B and C branches of the Green Line along Commonwealth Avenue and Beacon Street.	\$0	\$0	\$0	Forging Ahead - project will be funded from non-federal sources
5337	Signals and Systems	P0591	Green Line Central Tunnel Track and Signal Replacement	Replacement of the existing 25 cycle signal system and associated wayside equipment at Government Center, Copley and Park Street Interlockings, and related track work.	\$68,689,513	\$64,000,000	(\$4,689,513)	Technical adjustment - project budget reduced by \$4.7M to reflect current cost estimate
5337	Signals and Systems	R9593	Green Line D Branch Track and Signal Replacement	Replacement of track and signal system components on the Highland Branch of the Green Line from Reservoir to Riverside Stations, including replacement of obsolete 25 Hz track circuits with modern solid-state 100 Hz track circuits.	\$16,827,676	\$0	(\$16,827,676)	Forging Ahead - project will be funded from non-federal sources
5337	Signals and Systems	R0020	Infrastructure Asset Management Program	Collection of infrastructure based asset data in order to update MBTA asset management databases, and manage asset and life cycle/risk management practices.	\$8,536,961	\$0	(\$8,536,961)	Technical adjustment - FFY21-25 TIP funding (\$8.5M) was obligated in FFY20 instead
5337	Signals and Systems	P0212	North Station Terminal Signal	Upgrades to the commuter rail signal/communication system in the North Station area required for more efficient phasing of future track alignments, including support for the future Draw1 Bridge Replacement Project.	\$4,000,000	\$4,000,000	\$0	No change



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Funds	TIP Program	CIP ID#	Project Name	Project Description	Current TIP	Amended TIP	Change	TIP Amendment - Explanation
5337	Signals and Systems	P0705	Power Systems Resiliency Program	Installation of new duct bank systems to replace damaged power infrastructure, including at West Fourth Street, Dudley Square, Arlington Street, Causeway Street, two locations on Commonwealth Ave and three locations on Beacon Street.	\$0	\$11,416,644	\$11,416,644	Technical adjustment - FFY20 funding shifted to FFY21-25
5337	Signals and Systems	P0654	Red Line Interlock Upgrades	Replacement of existing interlocking signal components on the Red Line to bring the assets to a state of good repair.	\$9,600,000	\$9,600,000	\$0	No change
5337	Signals and Systems	P0301	System-Wide Radio	Replacement of existing radio system for MBTA Police to support critical two-way communication for MBTA Transit Police and to support a secure and Interoperable Radio System.	\$51,533,511	\$51,533,511	\$0	No change
					\$178,331,803	\$160,894,297	(\$17,437,506)	

**5337 - Stations and Facilities**

5337	Stations and Facilities	P0087	Braintree and Quincy Adams Garage Rehab	The full repair and rehabilitation of the Red Line's Quincy Adams Station and Braintree Station parking garages.	\$0	\$9,295,936	\$9,295,936	Technical adjustment - FFY20 funding shifted to FFY21-25
5337	Stations and Facilities	P0679	Codman Yard Expansion and Improvements	Infrastructure improvements to Codman Yard, an additional Red Line storage facility, to accommodate the new vehicle fleet.	\$50,843,508	\$50,843,508	\$0	No change
5337	Stations and Facilities	P0074	Downtown Crossing Vertical Transportation Improvements Phase 2	Construction of two new redundant elevators, in order to improve accessibility and to provide for future elevator maintenance without rendering the station temporarily inaccessible.	\$5,926,390	\$5,926,390	\$0	No change
5337	Stations and Facilities	P0075	Elevator Program Multiple Location Design	Design for the installation of new redundant elevators and the replacement of existing elevators system wide.	\$38,779,082	\$38,779,082	\$0	No change
5337	Stations and Facilities	P0163	Forest Hills Improvement Project	Improvements at Forest Hills Station on the Orange Line and Needham Commuter Rail Line to comply with ADA accessibility standards. Work will also include infrastructure and other improvements.	\$26,089,763	\$26,089,763	\$0	No change
5337	Stations and Facilities	P0003	Green Line B-Branch Consolidation	Addressing accessibility issues along the B branch of the Green Line along Commonwealth Avenue.	\$0	\$23,422,633	\$23,422,633	Technical adjustment - FFY20 funding shifted to FFY21-25
5337	Stations and Facilities	P0890	Green Line Surface Station Accessibility	Reconstruction of Green Line surface stations and related infrastructure to support compliance with ADA regulations and alignment with corridor capacity needs.	\$9,120,000	\$9,120,000	\$0	No change
5337	Stations and Facilities	R0071	Lynn Station & Parking Garage Improvements Phase II	Extensive rehabilitation efforts include reconstruction of the existing commuter rail platform, upgrade of mechanical and electrical systems at the station, and structural repairs and code compliance retrofits to the garage.	\$26,461,132	\$13,200,000	(\$13,261,132)	Forging Ahead - FFY21-25 funding reduced to reflect pause
5337	Stations and Facilities	P0170	Newton Commuter Rail Stations Design	For a conceptual design and operational analysis study of the Newton commuter rail stations, with additional funding for various accessibility and infrastructure improvements.	\$16,511,947	\$4,480,000	(\$12,031,947)	Forging Ahead - FFY21-25 funding reduced to reflect pause
5337	Stations and Facilities	P0129	Newton Highlands Green Line Station Accessibility Project	Improvements at Newton Highlands station on the D branch of the Green Line to comply with ADA accessibility standards.	\$25,642,762	\$25,642,762	\$0	No change
5337	Stations and Facilities	P0856	Ruggles Station Improvements Phase 2	Design for state of good repair improvements to Ruggles Station on the Orange Line.	\$2,599,003	\$2,599,003	\$0	No change
5337	Stations and Facilities	P0496	Silver Line Gateway - Phase 2	Includes the building of a new commuter rail station adjacent to the new Chelsea Bus Rapid Transit (BRT) Station located at the Mystic Mall, as well as decommissioning of the existing Chelsea Commuter Rail Station and signal prioritization.	\$2,301,952	\$2,301,952	\$0	No change

**MBTA Federal Capital Program**  
**FFYs 2021-25 TIP Amendment Two - Project List and Descriptions (80% Federal Share)**

Funds	TIP Program	CIP ID#	Project Name	Project Description	Current TIP	Amended TIP	Change	TIP Amendment - Explanation
5337	Stations and Facilities	P0178	South Attleboro Station Accessibility Improvements	Needs assessment and design services associated with accessibility, structural, parking and multi-modal facility improvements for the South Attleboro commuter rail station.	\$38,929,374	\$0	(\$38,929,374)	Forging Ahead - FFY21-25 funding reduced to reflect pause
5337	Stations and Facilities	P0168	Symphony Station Improvements	Upgrades to the existing Symphony Station on the Green Line in order to provide a modern, accessible, code-compliant facility.	\$33,416,159	\$33,416,159	\$0	No change
5337	Stations and Facilities	P0179	Winchester Center Station	Renovation and accessibility improvements to Winchester Center Station on the Lowell and Haverhill commuter rail lines.	\$0	\$0	\$0	Forging Ahead - funding reduced to reflect pause
5337	Stations and Facilities	P0395	Worcester Union Station Accessibility Improvements	Construction of a new, fully accessible high-level center island platform, with associated elevators, ramps, and stairs; replacement and realignment of station tracks; and construction of a new rail crossover.	\$46,885,361	\$0	(\$46,885,361)	Forging Ahead - FRA discretionary grant award
5337	Stations and Facilities	N/A	Stations & Facilities - Program Allowance	TIP program allowance for future station and facility cost adjustments		\$9,361,662	\$9,361,662	Technical adjustment - Station allowance added for future station and facility cost adjustments
					\$323,506,434	\$254,478,850	(\$69,027,584)	
<b>5337 - Preventive Maintenance</b>								
5337	Preventive Maintenance	N/A	Preventive Maintenance	Maintenance costs required to preserve or extend the functionality and serviceability of assets in a cost effective manner.	\$0	\$249,000,000	\$249,000,000	Forging Ahead - Added to help offset COVID-related operating budget impacts
					\$0	\$249,000,000	\$249,000,000	
<b>5339 - Bus and Bus Facility</b>								
5339	Bus and Bus Facilities	P0653	Procurement of Battery Electric 40ft Buses and Related infrastructure	Procurement of Battery Electric 40ft Buses and Related infrastructure (5339)	\$34,969,893	\$34,969,893	\$0	No change
					\$34,969,893	\$34,969,893	\$0	

Note: Project descriptions and dollar amounts are preliminary only and are provided for informational purposes. In many cases, the scopes of work and project budgets will become more fully developed as the design process proceeds and is completed. The MBTA may also opt to fund a project from a different FTA funding source based on the timing of projects and the availability of FTA funds.