

FFYs 2017-2021 Transportation Improvement Program (TIP)
Draft Amendment Three: Summary of Proposed Changes, Highway Element *(revised for 05/25/2017)*

Project/Program	Proposed Change	What's the Impact?	TIP Section / Funding Source Category	Programmed Cost Change From	Programmed Cost Change To	Programmed Cost Difference	Where Should I look in the TIP Tables?
Adjustment							
Highway							
608650 ; Salem- Adaptive Signal Controls on Route 107 (Highland Avenue)	NEW PROJECT	This was a line item in the STIP (Statewide CMAQ- Adaptive Signal Controls at Various Locations (2017)	Section 1D/Statewide CMAQ	\$0	\$ 520,000	\$ 520,000	Page 6; FFY 2017 Highway Element Table
BN0006 ; Concord- Great Meadows National Wildlife Transportation Project	MINOR REVISION	Incorrect earmark ID number was listed. Changed from Demo ID MA 107 to MA 119. Changed Additional Information. Funding amount did not change.	Section 1C/Federal Aid Non-Target Projects				
BN0007 ; Concord- Great Meadows National Wildlife Transportation Project	MINOR REVISION	Incorrect earmark ID number was listed. Changed from Demo ID MA 119 to MA 174. Changed Additional Information. Funding amount did not change.	Section 1C/Federal Aid Non-Target Projects				
Amendments							
Highway							
FFY 2017							
607309 ; Hingham - Reconstruction and Related Work on Derby Street	INCREASE COST NEW FUNDING	Previous total cost funded with MPO target funds only Project cost increase accommodated by adding funds under Statewide CMAQ (had been Statewide STP) Overall cost increase from \$4,927,769 to \$6,716,047	Section 1D/Federal Aid Major & State Category Projects/Statewide Congestion Mitigation and Air Quality	\$0	\$1,788,278	\$1,788,278	Page 1, 2, and 6; FFY 2017 Highway Element Table
604810 ; Marlborough - Reconstruction of Route 85	INCREASE COST NEW FUNDING	Previous total cost funded with MPO target funds only. Overall cost increase from \$5,613,636 to \$5,969,357 (had been \$6,425,000). Project cost increase accommodated by adding funds under Statewide CMAQ (had been Statewide STP in previous draft amendment). Previous funding breakdown was: \$3,397,727 Section 1A HSIP \$2,000,000 Section 1A CMAQ \$215,909 Section 1A STP Amended funding breakdown is: \$2,848,454 Section 1A HSIP \$2,651,263 Section 1A CMAQ \$113,919 Section 1A STP \$355,721 Section 1C Statewide CMAQ	Section 1D/Federal Aid Major & State Category Projects/Statewide Congestion Mitigation and Air Quality	\$0	\$355,721	\$355,721	Page 1, 2, and 6; FFY 2017 Highway Element Table
607954 ; Danvers - Bridge Replacement (D-03-018) Route 128 over Waters River	INCREASE COST	Currently programmed under Section 1B, Federal Aid Bridge Projects, On-System; this funding is being increased to accommodate increased project cost.	Section 1B/Federal Aid Bridge Projects	\$8,625,000	\$20,074,634	\$11,449,634	Page 3; FFY 2017 Highway Element Table
602165 ; Stoneham - Signal and Intersection Improvements at Route 28/North Street	INCREASE COST	Overall cost increase for this project Cost increase had been \$2,616,844, revised cost increase is \$2,785,102	Section 1D/Federal Aid Major & State Category Projects/Statewide Congestion Mitigation and Air Quality	\$1,473,607	\$2,785,102	\$1,311,495	Page 6; FFY 2017 Highway Element Table

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608004; Watertown - Improvements at Hosmer Elementary School (SRTS)	INCREASE COST	Overall cost increase for this project	Section 1D/Federal Aid Major & State Category Projects/Safe Routes to Schools Program	\$868,750	\$1,701,393	\$832,643	Page 7; FFY 2017 Highway Element Table
608217; Marlborough-Sudbury - Stormwater Improvements along Route 20	MOVED PROJECT to Earlier TIP Year DECREASE FUNDING	Move this project from FFY 2018 to FFY 2017, replaces a Brockton project in FFY 2017 that is not advancing Funded under Statewide Stormwater Retrofits (had been under Statewide Infrastructure)	Section 1D/Federal Aid Major & State Category Projects/Statewide Stormwater Retrofits	\$683,488	\$171,559	(\$511,929)	Page 8; FFY 2017 Highway Element Table
608806; Watertown-Cambridge Multi-Use Path Construction (Phase II)	NEW PROJECT	This PRC-Approved project is being added to the Statewide CMAQ Program in FFY 2017	Section 1D/Federal Aid Major & State Category Projects/Statewide Congestion Mitigation and Air Quality	\$0	\$3,595,285	\$3,595,285	Page 6; FFY 2017 Highway Element Table
608458; Revere - Guide and Traffic Sign Replacement on Route 1A	NEW PROJECT	New project 608458 Replaces project 608559, which was in STIP as Various Safety Strategies to Address SHSP - To Be Determined	Section 1D/Federal Aid Major & State Category Projects/Statewide HSIP Program	\$0	\$1,612,477	\$1,612,477	Page 5; FFY 2017 Highway Element Table
FFY 2017- 2021							
604173; Boston - Bridge Replacement (B-16-016) North Washington Street over Boston Inner Harbor	MINOR REVISION	Project description change - used to be Bridge Rehabilitation; now Bridge Replacement	Section 1B/Federal Aid Bridge Projects				see page numbers below
	INCREASE COST	Overall cost increase for this project; maintain 5-year advance construction (AC)	Section 1B/Federal Aid Bridge Projects	\$112,400,000	\$144,066,616	\$31,666,616	Page 3; FFY 2017 Highway Element Table
	DECREASE FUNDING	Decrease funding in FFY 2017, while adjusting cash flows for FFYs 2018-21	Section 1B/Federal Aid Bridge Projects	\$24,237,956	\$6,400,000	(\$17,837,956)	Page 15; FFY 2018 Highway Element Table
	CHANGE FUNDING SCHEDULE	Change cash flow in FFYs 2018-2021, which will reflect new Draft FFYs 2018-2022 TIP New AC cash flow: FFY 2018 - was \$24,900,000; now \$42,000,000 FFY 2019 - was \$24,900,000; now \$42,000,000 FFY 2020 - was \$24,900,000; now \$35,000,000 FFY 2021 - was \$13,462,044; now \$18,666,616	Section 1B/Federal Aid Bridge Projects				Page 22; FFY 2019 Highway Element Table Page 31; FFY 2020 Highway Element Table Page 37; FFY 2021 Highway Element Table

FFYs 2017-2021 Transportation Improvement Program (TIP)
Draft Amendment Three: Summary of Proposed Changes, Transit Element *(revised for 05/25/2017)*

Funding Program	Regional Transit Authority (RTA)	Proposed Change	What's the Impact?	Programmed Cost Change From	Programmed Cost Change To	Programmed Cost Difference	Where Should I Look in the TIP Tables?
Adjustments							
FFY 2017							
Section 5307 (Urbanized Area Formula Grants)	CATA	MOVED PROJECT to Earlier TIP Year	<ul style="list-style-type: none"> - REHAB Shelters-Railroad, P&R Emerson (Match in FY18) is being moved from FFY 2018 to FFY 2017. - CONSTRUCT - Shelter CATA hub/COA (Match in FY18) is being moved from FFY 2018 to FFY 2017. - REHAB/RENOVATE - Shelters (Match in FY18) is being moved from FFY 2018 to FFY 2017. <p>These projects were programmed in FFY 2018; federal funds are being rolled forward to allow CATA to submit federal grant application. Projects must be on an active TIP in order for grant application to be awarded. Projects will be completed (and funds spent) in FFY 2018 with matching state funds in FFY 2018.</p>	\$0	\$33,600	\$ 33,600	Page 9, FFY 2017 Transit Element
				\$0	\$14,400	\$ 14,400	
				\$0	\$9,600	\$ 9,600	
Amendments							
FFY 2017							
Section 5307 (Urbanized Area Formula Grants)	MBTA	REMOVE PROJECTS	<p>Proposed line items to be removed from the TIP and "bundled" into the overall <i>Revenue Vehicle Program</i>:</p> <ul style="list-style-type: none"> - 155 ECD Buses - Green Line #7 Overhaul - Green Line # 8 Reliability Improv. - New Flyer Bus Overhaul - Bus Procurement <p>Total costs for these projects are included below in the explanation of the amendment to the Revenue Vehicle Program. Please note that many of these projects are intended to be undertaken as part of the general Revenue Vehicles line item. Detail on FFY 2017 projects is provided in an accompanying handout</p>	(see below)	(see below)		Page 9, FFY 2017 Transit Element
	MBTA	DECREASE FUNDING	<p>Decrease funding of the MBTA's <i>Revenue Vehicle Program</i> in FFY 2017. Some projects deferred until FFY 2018 in order to consider the recommendations from the MBTA Fleet Plan (expected summer 2017).</p> <p>Total program cost includes the individual projects listed above (which total \$176,503,304), as well as the previous total for this general Revenue Vehicles line item of \$12,339,993</p>	\$188,843,297	\$135,000,000	\$ (53,843,297)	Page 10, FFY 2017 Transit Element
	MBTA	DECREASE FUNDING	<p>Decrease funding of MBTA's <i>Stations and Facilities Program</i> in FFY 2017. Some projects deferred until FFY 2018 due to readiness</p>	\$60,000,000	\$35,000,000	\$ (25,000,000)	Page 10, FFY 2017 Transit Element
	MBTA	NEW PROJECT	<p>Addition of MBTA <i>Systemwide Signals Program</i> in FFY 2017</p>	\$0	\$75,234,517	\$ 75,234,517	Page 10, FFY 2017 Transit Element
<i>Amended 5307 Subtotal (including CATA adjustments)</i>				\$248,843,297	\$245,292,117		
<i>Other Programmed 5307 Projects Subtotal (not changing under TIP Amendment 3)</i>				\$3,200,037	\$3,200,037		
FFY 2017 Section 5307 Total				\$252,043,334	\$248,492,154	\$ (3,551,180)	

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Funding Program	Regional Transit Authority (RTA)	Proposed Change	What's the Impact?	Programmed Cost Change From	Programmed Cost Change To	Programmed Cost Difference	Where Should I Look in the TIP Tables?
Section 5337 (Fixed Guideway/ Bus)	MBTA	DECREASE FUNDING	Decrease funding of MBTA's <i>Elevator Program</i> in FFY 2017. Decreased to provide additional FFY 2017 <i>Bridge and Tunnel Program</i> funding	\$80,000,000	\$65,000,000	\$ (15,000,000)	Page 11, FFY 2017 Transit Element
	MBTA	REMOVE PROJECT	Positive Train Control project was removed; the MBTA plans to use RRIF/TIFIA financing instead of 5337 funds (see <i>Other Federal Funding</i> section, below)	\$60,000,000	\$0	\$ (60,000,000)	Page 11, FFY 2017 Transit Element
	MBTA	REMOVE PROJECT	South Shore Parking Garage project was removed; is now consolidated within the <i>Stations and Facilities Program</i>	\$50,000,000	\$0	\$ (50,000,000)	Page 11, FFY 2017 Transit Element
	MBTA	INCREASE FUNDING	Increase funding of MBTA's <i>Stations and Facilities Program</i> in FFY 2017. Increase in funding because of the inclusion of South Shore Parking Garages (Braintree and Quincy Adams)	\$80,000,000	\$168,199,969	\$88,199,969	Page 11, FFY 2017 Transit Element
	MBTA	INCREASE FUNDING	Increase funding of MBTA's <i>Bridge and Tunnel Program</i> in FFY 2017. Increased to include "Bridge Bundling" contract and East Street Bridge in FFY 2017	\$100,000,000	\$135,000,000	\$35,000,000	Page 11, FFY 2017 Transit Element
	MBTA	INCREASE FUNDING	Increase funding of MBTA's <i>Systems Upgrade Program</i> in FFY 2017	\$10,199,972	\$12,000,000	\$1,800,028	Page 11, FFY 2017 Transit Element
FFY 2017 Section 5337 Total				\$380,199,972	\$380,199,969	\$ (3)	
Section 5339 (Bus and Bus Facilities)	MBTA	NEW PROJECT	New MBTA project added: Quincy Center Bus Terminal	\$0	\$5,342,214	\$5,342,214	Page 11, FFY 2017 Transit Element
	<i>Amended 5339 Subtotal</i>				\$0	\$5,342,214	
	<i>Other Programmed 5339 Projects Subtotal (not changing under TIP Amendment 3)</i>				\$12,885,065	\$12,885,065	
	FFY 2017 Section 5339 Total				\$12,885,065	\$18,227,279	\$ 5,342,214
RRIF/TIFIA; Other Federal Funding	MBTA	NEW PROJECT; NEW FUNDING	New MBTA project added: Positive Trail Control - Commuter Rail	\$0	\$455,952,896	\$455,952,896	Page 11, FFY 2017 Transit Element
FFY 2017 Other Federal Funding Total				\$0	\$455,952,896	\$ 455,952,896	
Other Non-Federal	MWRTA	NEW PROJECT	New MWRTA project added: Acquisition of Bus Support Equip/Facilities	\$0	\$700,000	\$700,000	Page 12, FFY 2017 Transit Element
	MWRTA	NEW PROJECT	New MWRTA project added: Construction of Bus Stations/Terminals	\$0	\$1,000,000	\$1,000,000	Page 12, FFY 2017 Transit Element
	<i>Other Non-Federal Subtotal</i>				\$0	\$1,700,000	
	<i>Other Programmed Other Non-Federal Subtotal</i>				\$4,353,832	\$4,353,832	
FFY 2017 Other Non-Federal Funding Total				\$4,353,832	\$6,053,832	\$ 1,700,000	