07/28/2016 Endorsed 04/20/2017 Amendment Three Draft

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Indicates a new funding category

							Total			
Amendment/	MassDOT		Municipality	MassDOT	MassDOT	Funding	Programmed	Federal Funds	Non-Federal	Additional
Adjustment Type ▼	Project ID ▼	MPO ▼	Name ▼	Project Description ▼	District ▼	Source ▼	Funds ▼	▼	Funds ▼	Information ▼

► Section 1A / Federal Aid Target Projects

► HSIP - Highway Saf	ety Improvemei	nt Program
	607309	Boston

► HSIP - Highway Sa	rety improveme	ent Frogram								
AMENDMENT:Increase Cost	607309	Boston	Hingham	HINGHAM- RECONSTRUCTION & RELATED WORK ON DERBY STREET, FROM POND PARK ROAD TO CUSHING STREET	5	HSIP	\$ 985,554	\$ 886,999	\$ 98,555	HSIP+CMAQ+TAP Total Cost = \$4,927,769 HSIP+CMAQ+TAP+SW STP Total Cost = \$6,716,047 Cost increase from \$4,927,769 to \$6,716,047
	604935	Boston	Woburn	WOBURN- RECONSTRUCTION OF MONTVALE AVENUE, FROM I-93 INTERCHANGE TO CENTRAL STREET (APPROX. 1,850 FT)	4	HSIP	\$ 3,564,628	\$ 3,208,165	\$ 356,463	STP+HSIP Total Cost = \$4,752,838
AMENDMENT:Increase Cost	604810	Boston	Marlborough	MARLBOROUGH- RECONSTRUCTION OF ROUTE 85 (MAPLE STREET)	3	HSIP	0,001,121	3,057,954	339,773	HSIP+CMAQ+STP Total Cost = \$5,613,636 HSIP+CMAQ+STP+SW STP Total Cost = \$6,425,000 Cost increase from \$5,613,636 to \$6,425,000
						HSIP Subtotal ▶	\$ 7,947,909	\$ 7,153,118	\$ 794,791	■ 90% Federal + 10% Non-Federal

► CMAQ - Congestion Mitigation and Air Quality Improvement Program

AMENDMENT:Increase Cost	607309	Boston	3 **	HINGHAM- RECONSTRUCTION & RELATED WORK ON DERBY STREET, FROM POND PARK ROAD TO CUSHING STREET	5	CMAQ	\$ 3,195,4	30	\$ 2	2,556,344	\$	639,086	HSIP+CMAQ+TAP Total Cost = \$4,927,769 HSIP+CMAQ+TAP+SW STP Total Cost = \$6,716,047 Cost increase from \$4,927,769 to \$6,716,047
AMENDMENT:Increase Cost	604810	Boston		MARLBOROUGH- RECONSTRUCTION OF ROUTE 85 (MAPLE STREET)	3	CMAQ	\$ 2,000,0	000	\$ 1	1,600,000	\$	400,000	HSIP+CMAQ+STP Total Cost = \$5,613,636 HSIP+CMAQ+STP+SW STP Total Cost = \$6,425,000 Cost increase from \$5,613,636 to \$6,425,000
	1570	Boston		GREEN LINE EXTENSION PROJECT- EXTENSION TO COLLEGE AVENUE WITH THE UNION SQUARE SPUR	N/A	CMAQ	\$ 13,427,2			0,741,776	,	2,685,444	AC Yr 2 of 6; Total MPO Contribution = \$190,000,000; funding flexed to FTA; match provided by local contributions; STP+CMAQ+Section 5309 (Transit)
					(CMAQ Subtotal ▶	\$ 18,622,6	50	\$ 14	4.898.120	\$	3.724.530	■ 80% Federal + 20% Non-Federal

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Indicates a project				enected in total)						
		(n as denoted)							
Indicates a new fu	inding category	У	T				Tatal			T
Amendment/ Adjustment Type ▼	MassDOT Project ID ▼	мро ▼	Municipality Name ▼	MassDOT Project Description ▼	MassDOT District ▼	Funding Source ▼	Total Programmed Funds ▼	Federal Funds ▼	Non-Federal Funds ▼	Additional Information ▼
► TAP - Transportat	ion Alternatives	Program								
AMENDMENT:Increase Cost	607309	Boston	Hingham	HINGHAM- RECONSTRUCTION & RELATED WORK ON DERBY STREET, FROM POND PARK ROAD TO CUSHING STREET	5	TAP	\$ 746,785	\$ 597,428	\$ 149,357	HSIP+CMAQ+TAP Total Cost = \$4,927,769 HSIP+CMAQ+TAP+SW STP Total Cost = \$6,716,047 Cost increase from \$4,927,769 to \$6,716,047
						TAP Subtotal ▶	\$ 746,785	\$ 597,428	\$ 149.357	■ 80% Federal + 20% Non-Federal
► Non-CMAQ/HSIP/T	7 AP (Other) 29492	Boston	Multiple	BEDFORD- BILLERICA- MIDDLESEX TURNPIKE IMPROVEMENTS, FROM CROSBY DRIVE NORTH TO MANNING ROAD, INCLUDES RECONSTRUCTION OF B-	4	STP	\$ 6,604,906			increase in funding source from \$3,794,185 to \$6,604,906; AC Yr 2 of 2; STP+NHPP+TAP+Earmark+Statewide
				04-006 (PHASE III)						Infrastructure+Northern Middlesex Council of Governments contribution (\$1,000,000) Total Cost = \$36,735,048
	601630	Boston	Multiple	WEYMOUTH- ABINGTON- RECONSTRUCTION & WIDENING ON ROUTE 18 (MAIN STREET) FROM HIGHLAND PLACE TO ROUTE 139 (4.0 MILES) INCLUDES REPLACING W-32-013, ROUTE 18 OVER THE OLD COLONY RAILROAD (MBTA)	6	STP	\$ 5,946,711	\$ 4,757,369	\$ 1,189,342	decrease in funding source from \$12,850,000 to \$5,946,711; AC Yr 2 of 4; STP+NHPP+HSIP+TEA-21 Earmark (MA1236)+BR Total Cost = \$81,812,268
	601630	Boston	Multiple	WEYMOUTH- ABINGTON- RECONSTRUCTION & WIDENING ON ROUTE 18 (MAIN STREET) FROM HIGHLAND PLACE TO ROUTE 139 (4.0 MILES) INCLUDES REPLACING W-32-013, ROUTE 18 OVER THE OLD COLONY RAILROAD (MBTA)	6	NHPP	\$ 6,903,289	\$ 5,522,631	\$ 1,380,658	New funding source for this project. AC Yr 2 of STP+NHPP+HSIP+TEA-21 Earmark (MA1236)+BR Total Cost = \$81,812,268
	604935	Boston	Woburn	WOBURN- RECONSTRUCTION OF MONTVALE AVENUE, FROM I-93 INTERCHANGE TO CENTRAL STREET (APPROX. 1,850 FT)	4	STP	\$ 1,188,210	\$ 950,568	\$ 237,642	STP+HSIP Total Cost = \$4,752,838
AMENDMENT:Increase Cost	604810	Boston	Marlborough	MARLBOROUGH- RECONSTRUCTION OF ROUTE 85 (MAPLE STREET)	3	STP	\$ 215,909	\$ 172,727	\$ 43,182	HSIP+CMAQ+TAP Total Cost = \$4,927,769 HSIP+CMAQ+TAP+SW STP Total Cost = \$6,716,047
550										Cost increase from \$4,927,769 to \$6,716,047
	1570	Boston	Multiple	GREEN LINE EXTENSION PROJECT- EXTENSION TO COLLEGE AVENUE WITH THE UNION SQUARE SPUR	N/A	STP		\$ 13,178,224		AC Yr 2 of 6; Total MPO Contribution = \$190,000,000; funding flexed to FTA; match provided by local contributions; STP+CMAQ+Section 5309 (Transit)
	603711	Boston	Multiple	NEEDHAM- WELLESLEY- REHAB/REPLACEMENT OF 6 BRIDGES ON I-95/ROUTE 128: N-04-020, N-04-021, N- 04-022, N-04-026, N-04-027, N-04-037 & W-13-023 (ADD- A-LANE - CONTRACT V)	6	NHPP	\$ 24,539,816	\$ 19,631,853	\$ 4,907,963	AC Yr 4 of 5; NHPP+BR+Statewide Infrastructur Total Cost = \$164,919,140 (\$26,258,183 programmed within FFYs 2017-21 TIP)

FFYs 2017-2021 Transportation Improvement Program (TIP) Draft Amendment Three

Non-CMAQ/HSIP/TAP (Other) Subtotal ▶ \$ 61,871,621 \$ 49,497,297 \$

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							Total			
Amendment/	MassDOT		Municipality	MassDOT	MassDOT	Funding	Programmed	Federal Funds	Non-Federal	Additional
Adjustment Type ▼	Project ID ▼	MPO ▼	Name ▼	Project Description ▼	District ▼	Source ▼	Funds ▼	▼	Funds ▼	Information ▼

► Section 1C / Federal Aid Non-Target Projects

601630	Boston	Multiple	WEYMOUTH- ABINGTON- RECONSTRUCTION & WIDENING ON ROUTE 18 (MAIN STREET) FROM HIGHLAND PLACE TO ROUTE 139 (4.0 MILES) INCLUDES REPLACING W-32-013, ROUTE 18 OVER THE OLD COLONY RAILROAD (MBTA)	6	HPP	\$ 9,179,180	\$ 7,343,344	\$ 1,835,836	Demo ID: MA047 increase in funding source from \$6,171,760 to \$9,179,180; Construction; (MA1236); AC Yr 2 of 4; STP+HSIP+TEA-21 Earmark+BR Total Cost = \$81,812,268
29492	Boston	BEDFORD	BEDFORD- BILLERICA- BURLINGTON- MIDDLESEX TURNPIKE IMPROVEMENTS, FROM CROSBY DRIVE NORTH TO MANNING ROAD, INCLUDES RECONSTRUCTION OF B-04-006 (PHASE III)	4	HPP	\$ 1,001,475	\$ 801,180	\$ 200,295	Repurposed SAFETEA-LU earmark (MA171); AC Yr 2 of 2; STP+NHPP+TAP+Earmark+Statewide Infrastructure+Northern Middlesex Council of Governments contribution (\$1,000,000) Total Cost = \$36,735,048
BN0002	Boston	Multiple	MBTA Bus Stop Accessibility and Operational Improvements	N/A	HPP	\$ 1,135,276	\$ 908,221	\$ 227,055	Demo ID: MA 015 Old Purpose of Earmark: Undertake improvements to South Station intermodal station Total value of earmarks for this improvements program: \$1,909,696 (Federal) repurposed earmark; Flex to FTA
BN0003	Boston	Multiple	MBTA Bus Stop Accessibility and Operational Improvements	N/A	HPP	\$ 1,251,844	\$ 1,001,475	\$ 250,369	Demo ID: MA 170 Old Purpose of Earmark: MBTA Secure Station, Boston Total value of earmarks for this improvements program: \$1,909,696 (Federal) repurposed earmark; Flex to FTA
BN0004	Boston	Multiple	MBTA Bus Stop Accessibility and Operational Improvements within the Longwood Medical Area	N/A	НРР	\$ 162,494	\$ 129,995	\$ 32,499	Demo ID: MA 133 Old Purpose of Earmark: Longwood Ave./Urban Ring Tunnel Study Repurposed earmark; Flex to FTA
1570	Boston	Multiple	GREEN LINE EXTENSION PROJECT- EXTENSION TO COLLEGE AVENUE WITH THE UNION SQUARE SPUR	N/A	HPP	\$ 6,259,669	\$ 5,007,735	\$ 1,251,934	Demo ID: MA 199 Old Purpose of Earmark: Construct Lechmere Station area roadway and access improvements in Cambridge Repurposed earmark; Flex to FTA
608562	2 Boston	SOMERVILLE	SOMERVILLE- SIGNAL AND INTERSECTION IMPROVEMENT ON 1-93 AT MYSTIC AVENUE AND MCGRATH HIGHWAY (TOP 200 CRASH LOCATION)	4	НРР	\$ 500,738	\$ 400,590	\$ 100,148	Demo ID: MA 128 Repurposed earmark for design funds. TIP Project #608562 is programmed for construction in FFY 2020 in Section 1D, under the Statewide HSIP Program.

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MassDOT Project ID ▼	мро ▼	Municipality Name ▼	MassDOT Project Description ▼	MassDOT District ▼	Funding Source ▼	Total Programme Funds ▼	d	Federal Fund ▼		lon-Federal unds ▼	Additional Information ▼
BN0005	Boston	SUDBURY	Assabet River National Wildlife Refuge - Rehab White Pond Rd, aka North Entrance Rd (Rte. 101)	3	Other FA	\$ 575,	000	\$ 460,00	0 \$	115,000	Transfer to Eastern Federal Lands
BN0006	Boston	CONCORD	Great Meadows National Wildlife Transportation Project	4	HPP	\$ 53,	328	\$ 42,66	2 \$	10,666	Demo ID: MA 107 Repurposed earmark, formerly Oxbow National Wildlife Refuge, Design and construction of a Visitor Contact Station; Transfer to Eastern Federal Lands
BN0007	Boston	CONCORD	Great Meadows National Wildlife Transportation Project	4	HPP	\$ 190,	453	\$ 152,36	2 \$	38,091	Demo ID: MA 119 Repurposed earmark, formerly Assabet River Nations Wildlife Refuge, MA, Design and construction of parking areas; Transfer to Eastern Federal Lands
				Other Fede	ral Aid Subtotal ▶	\$ 20,309,	455	\$ 16,247,56	4 \$	4,061,891	■ Funding Split Varies by Funding Source

► Section 1D / Federal Aid Major & State Category Projects

▶R	eaion	al Ma	ior In	frastr	ucture

		No Projects Programmed		\$ -	\$ -	\$ -	
		No Projects Programmed		\$ -	\$ -	\$ -	
		Regional M	lajor Infrastructure Subtotal ►	\$ -	\$ -	\$	■ 80% Federal + 20% Non-Federal

▶ Statewide Americans with Disability Act Implementation Plan

		No Projects Programmed	\$	-	\$ -	\$ -	
		No Projects Programmed	\$	-	\$ -	\$ -	
	•	Statewide ADA Implementation	on Plan Subtotal ► \$	-	\$ -	\$ -	■ 80% Federal + 20% Non-Federal

► Statewide Congestion Mitigation and Air Quality

- 1	Cost Cost	602165	Boston	STONEHAM	IMPROVEMENTS AT ROUTE 28/NORTH STREET	4	CMAQ	\$ 2,616,844	\$ 2,093,475	\$ 523,369	Cost increase from \$1,473,607 to \$2,616,844
		604761	Boston		BOSTON- MULTI-USE TRAIL CONSTRUCTION (SOUTH BAY HARBOR), FROM RUGGLES STATION TO FORT POINT CHANNEL	6	CMAQ	\$ 2,229,018	\$ 1,783,214	\$ 445,804	
	Project	608806			WATERTOWN-CAMBRIDGE- MULTI-USE PATH CONSTRUCTION	,	CMAQ	\$ 3,000,000	\$ 2,400,000	\$ 600,000	This PRC-approved project is being added to Statewide CMAQ Program
	ADJUSTMENT:Change Project Description	608650	Boston	-	SALEM- ADAPTIVE SIGNAL CONTROLS ON ROUTE 107 (HIGHLAND AVENUE)	6	CMAQ	\$ 520,000	\$ 416,000	\$ 104,000	This project was in the STIP as STATEWIDE CMAQ - ADAPTIVE SIGNAL CONTROLS AT VARIOUS INTERSECTIONS (2017); Salem intersection selected as specific location
Ī						Statewide (MAQ Subtotal ▶	\$ 8,365,862	\$ 6,692,690	\$ 1,673,172	■ 80% Federal + 20% Non-Federal

Statewide HSIP Program

Statewide HSIP P	rogram										
	607754	Boston	MILTON	MILTON- INTERSECTION & SIGNAL IMPROVEMENTS AT GRANITE AVENUE & SQUANTUM STREET	6	HSIP	\$	550,000	\$ 495,000	\$ 55,000	
AMENDMENT:Add Project	608458	Boston	REVERE	REVERE- GUIDE AND TRAFFIC SIGN REPLACEMENT ON ROUTE 1A	6	HSIP	\$	1,612,477	\$ 1,289,982	\$ 322,495	Replaces project 608559, which was in the STIP as Various Safety Strategies to Address SHSP - To Be Determined
	Statewide HSIP Program Subto							2,162,477	\$ 1,784,982	\$ 377,495	■ 90% Federal + 10% Non-Federal

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► Statewide Intersta	ate Maintenance	Program									
	607481	Boston	MULTIPLE	RANDOLPH- QUINCY- BRAINTREE- INTERSTATE	6	NHPP	\$ 4.773.000	\$ 4.295.700	\$	477,300	
				MAINTENANCE & RELATED WORK ON I-93 (SB)			, .,	,,	·	,	
				Statewide Interstate Mair	tenance P	rogram Subtotal >	\$ 4,773,000	\$ 4,295,700	\$	477,300	■ 90% Federal + 10% Non-Federal

► Statewide Intelliger	nt Transportatio	n Systems								
			No Projects Programmed		\$	5	-	\$ - \$	-	
			No Projects Programmed		1	6	-	\$ - \$	-	
				Statewide	ITS Subtotal ► §	5	-	\$ - \$	-	■ 80% Federal + 20% Non-Federal

										<u>=</u>
►St	atewide National	Freight Program								
				No Projects Programmed			\$ -	\$ - \$	-	
				No Projects Programmed			\$ -	\$ - \$	-	
		·	•	Statewide Nation	nal Freight Pr	ogram Subtotal >	\$ -	\$ - \$	-	■ 80% Federal + 20% Non-Federal

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Statewide Stormwater Retrofits Subtotal ▶ \$

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2017 Boston Region MPO TIP Summary

Indicates a change in project cost

	▼	▼		Proj	ects ▼	
Total ▶	\$ 207,464,211	\$	-	\$	207,464,211	■ Total Spending in Region
Federal Funds ▶	\$ 167,623,024			\$	167,623,024	■ Total Federal Spending in Region
Non-Federal Funds ▶	\$ 39,841,187	\$	-	\$	39,841,187	■ Total Non-Federal Spending in Region

TIP Section 1: TIP Section 2: Total of All

- ■100% Non-Federal

701 CMR 7.00 Use of Road Flaggers and Police Details on Public Works Projects / 701 CMR 7.00 (the Regulation) was promulgated and became law on October 3, 2008. Under this Regulation, the CMR is applicable to any Public works Project that is performed within the limits of, or that impact traffic on, any Public Road. The Municipal Limitation referenced in this Regulation is applicable only to projects where the Municipality is the Awarding Authority. For all projects contained in the TIP, the Commonwealth is the Awarding Authority. Therefore, all projects must be considered and implemented in accordance with 701 CMR 7.00, and the Road Flagger and Police Detail Guidelines. By placing a project on the TIP, the Municipality acknowledges that 701 CMR 7.00 is applicable to its project and design and construction will be fully compliant with this Regulation. This information, and additional information relative to guidance and implementation of the Regulation can be found at the following link on the MassDOT Highway/Biogers/main.aspx

Section 2B / Non-Federal Bridge Projects Subtotal▶ \$

FFYs 2017–2021 Transportation Improvement Program (TIP)

Transit Project List (FFY 2017)

07/28/2016 Endorsed 04/20/2017 Amendment Three Draft

Indicates a change in project cost

Indicates removed from TIP (cost not reflected in total)

Indicates a project moved in from another TIP element

Indicates a project moved out to another TIP element (cost not reflected in total)

Indicates a new addition to the TIP (action taken as denoted)

Indicates a new funding category

			FTA Activity		Carryover					
FTA Program	Project Number	Transit Agency	Line Item	Project Description	(unobligated)	Federal Funds	State Funds	TDC	Local Funds	Total Cost
5307										
5307	RTD0004368	Cape Ann Transportation Authority	117A00	PREVENTIVE MAINTENANCE		\$350,000	\$0	\$0	\$87,500	\$437,500
5307	RTD0004875	MetroWest Regional Transit Authority	117C00	NON FIXED ROUTE ADA PARA SERV		\$1,622,146	\$405,536	\$0	\$0	\$2,027,682
5307	RTD0004878	MetroWest Regional Transit Authority	114200	ACQUISITION OF BUS SUPPORT EQUIP/FACILITIES		\$587,884	\$74,764	\$0	\$72,207	\$734,855
5307	RTD0006029	Massachusetts Bay Transportation- Authority (MBTA)	111401	155 ECD Buses SSRP		\$ 15,236,678	- \$0	\$0	\$ 3,809,170	\$ 19,045,848
5307	RTD0006030	Massachusetts Bay Transportation Authority (MBTA)	121520	Green Line #7 Overhaul		\$22,938,620	- \$0	\$0	\$5,734,655	\$28,673,275
5307	RTD0006031	Massachusetts Bay Transportation- Authority (MBTA)	121420	Green Line #8 Reliability- Improv.		\$37,256,000	- \$0	\$0	\$9,314,000	\$46,570,000
5307	RTD0006032	Massachusetts Bay Transportation- Authority (MBTA)	111401	New Flyer Bus Overhaul		\$ 33,771,345	- \$0	\$0	\$ 8,442,836	\$42,214,181
5307	RTD0006033	Massachusetts Bay Transportation Authority (MBTA)	111200	Bus Procurement		\$32,000,000	- \$0	\$0	\$8,000,000	\$40,000,000
5307		Massachusetts Bay Transportation Authority (MBTA)		Systemwide Signals Program		\$60,187,614	\$0	\$0	\$15,046,903	\$75,234,517
5307	RTD0006034	Massachusetts Bay Transportation Authority (MBTA)	121200	Revenue Vehicle Program		\$108,000,000	\$0	\$0	\$27,000,000	\$135,000,000
5307	RTD0006035	Massachusetts Bay Transportation Authority (MBTA)	123400	Stations & Facilities Program		\$28,000,000	\$0	\$0	\$7,000,000	\$35,000,000
					Subtotal	\$198,747,644	\$480,300	\$0	\$49,206,610	\$248,434,554

FFYs 2017–2021 Transportation Improvement Program (TIP)

Transit Project List (FFY 2017)

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Indicates a new funding category

			FTA Activity		Carryover					
FTA Program	Project Number	Transit Agency	Line Item	Project Description	(unobligated)	Federal Funds	State Funds	TDC	Local Funds	Total Cost
5309										
5309	RTD0004873	Massachusetts Bay Transportation	132303	GREEN LINE EXTENSION		\$150,000,000	\$0	\$0	\$230,670,000	\$380,670,000
		Authority (MBTA)		PROJECT- EXTENSION TO						
				COLLEGE AVENUE WITH THE						
				UNION SQUARE SPUR						
					Subtotal	\$150,000,000	\$0	\$0	\$230,670,000	\$380,670,000
5310										
					Subtotal	\$0	\$0	\$0	\$0	\$0
5311										
					Subtotal	\$0	\$0	\$0	\$0	\$0
5337	1						Г			
5337	RTD0006036	Massachusetts Bay Transportation	122405	Bridge & Tunnel Program		\$108,000,000	\$0	\$0	\$27,000,000	\$135,000,000
		Authority (MBTA)								
5337	RTD0006037	Massachusetts Bay Transportation	123402	Elevator Program		\$52,000,000	\$0	\$0	\$13,000,000	\$65,000,000
		Authority (MBTA)								
5337	RTD0006038	Massachusetts Bay Transportation	122220	Positive Train Control		\$48,000,000	\$0	\$0	\$12,000,000	\$60,000,000
		Authority (MBTA)								
5337	RTD0006039	Massachusetts Bay Transportation	123402	S Shore Parking Garage		\$40,000,000	\$0	\$0	\$10,000,000	\$50,000,000
		Authority (MBTA)								
5337	RTD0006040	Massachusetts Bay Transportation	123400	Stations & Facilities Program		\$134,559,475	\$0	\$0	\$33,639,994	\$168,199,469
		Authority (MBTA)								
5337	RTD0006041	Massachusetts Bay Transportation	124400	Systems Upgrade Program		\$9,600,000	\$0	\$0	\$2,400,000	\$12,000,000
		Authority (MBTA)								
					Subtotal	\$304,159,475	\$0	\$0	\$76,039,994	\$380,199,469

Transit Project List (FFY 2017)

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Indicates a new funding category

			FTA Activity		Carryover					
FTA Program	Project Number	Transit Agency	Line Item	Project Description	(unobligated)	Federal Funds	State Funds	TDC	Local Funds	Total Cost
5339										
5339	RTD0006042	Massachusetts Bay Transportation Authority (MBTA)	111400	Bus Program		\$10,308,052	\$0	\$0	\$2,577,013	\$12,885,065
5339	RTD0006394	Massachusetts Bay Transportation Authority (MBTA)	123311	Quincy Center Bus Terminal		\$4,273,771	\$0	\$0	\$1,068,443	\$5,342,214
					Subtotal	\$14,581,823	\$0	\$0	\$3,645,456	\$18,227,279
5320						_				
					Subtotal	\$0	\$0	\$0	\$0	\$0
Other Federal						_				
Other Federal	RTD0006393	Massachusetts Bay Transportation Authority (MBTA)	126301	Positive Train Control - Comm. Rail		\$365,000,000	\$0	\$0	\$90,952,896	\$455,952,896
					Subtotal	\$365,000,000	\$0	\$0	\$90,952,896	\$455,952,896
Other Non-Fede	eral					_				
Other Non- Federal	RTD0004371	Cape Ann Transportation Authority	111203	BUY REPLACEMENT 30-FT BUS (3)		\$0	\$1,275,000	\$0	\$0	\$1,275,000
Other Non- Federal	RTD0004374	Cape Ann Transportation Authority	114220	ACQUIRE - MISC SUPPORT EQUIPMENT (MATCH IN FY16)		\$0	\$5,832	\$0	\$0	\$5,832
Other Non- Federal	RTD0004378	Cape Ann Transportation Authority	114211	ACQUIRE - SUPPORT VEHICLES (MATCH IN FY16)		\$0	\$13,000	\$0	\$0	\$13,000
Other Non- Federal	RTD0004379	Cape Ann Transportation Authority	114206	ACQUIRE - IT EQUIPMENT (Match in FY16)		\$0	\$10,000	\$0	\$0	\$10,000
Other Non- Federal	RTD0005166	MetroWest Regional Transit Authority	113300	CONSTRUCTION OF BUS STATIONS/TERMINALS		\$0	\$2,650,000	\$0	\$0	\$2,650,000
Other Non- Federal	RTD0006149	MetroWest Regional Transit Authority	114300	CONSTRUCTION OF BUS SUPPORT EQUIP/FACIL		\$0	\$400,000	\$0	\$0	\$400,000
Other Non- Federal	RTD0006340	MetroWest Regional Transit Authority	114200	ACQUISITION OF BUS SUPPORT EQUIP/FACILITIES		\$0	\$700,000	\$0	\$0	\$700,000
Other Non- Federal	RTD0006347	MetroWest Regional Transit Authority	113300	CONSTRUCTION OF BUS STATIONS/TERMINALS		\$0	\$1,000,000	\$0	\$0	\$1,000,000
					Subtotal	\$0	\$6,053,832	\$0	\$0	\$6,053,832
					Total	\$1,035,376,465	\$6,534,132	\$0	\$451,236,716	\$1,493,147,313

Funds listed under the Carry Over column are included in the Federal Amount

07/28/2016 Endorsed

2018 Boston Region MPO Transportation Improvement Program 04/20/2017 Amendment Three Draft Indicates a change in project cost Indicates removed from TIP (cost not reflected in total) Indicates a project moved in from another TIP element Indicates a project moved out to another TIP element (cost not reflected in total) Indicates a new addition to the TIP (action taken as denoted) Indicates a new funding category Amendment/ MassDOT Municipality MassDOT MassDOT Funding Programmed Non-Federal Additional Federal Funds Adjustment Type ▼ Project ID ▼ MPO ▼ Name ▼ Project Description ▼ District ▼ Source ▼ Funds ▼ Funds ▼ Information ▼ ► Section 1A / Federal Aid Target Projects ► HSIP - Highway Safety Improvement Program HSIP \$ 2.319.644 \$ 2.087.679 \$ 231,964 606635 Multiple NEEDHAM- NEWTON- RECONSTRUCTION OF HIGHLAND AVENUE, NEEDHAM STREET & CHARLES CMAQ+HSIP+TAP+STP Total Cost = 15,464,292 RIVER BRIDGE, N-04-002, FROM WEBSTER STREET (NEEDHAM) TO ROUTE 9 (NEWTON) 600518 HINGHAM- INTERSECTION IMPROVEMENTS AT HSIP Boston Hingham 611,547 \$ 550,392 \$ 61,155 DERBY STREET, WHITING STREET (ROUTE 53) AND STP+HSIP Total Cost = \$3.057.735 GARDNER STREET HSIP Subtotal ▶ \$ 2,931,191 \$ 2,638,072 \$ 293.119 ◀ 90% Federal + 10% Non-Federal ▶ CMAQ - Congestion Mitigation and Air Quality Improvement Program GREEN LINE EXTENSION PROJECT- EXTENSION TO N/A CMAQ \$ 13,427,220 | \$ 10,741,776 | \$ 2,685,444 Multiple 1570 Boston AC Yr 3 of 6: Total MPO Contribution = COLLEGE AVENUE WITH THE UNION SQUARE SPUR \$190,000,000; funding flexed to FTA; match provided by local contributions; STP+CMAQ+Section 5309 (Transit) CMAQ \$ 2,000,000 \$ 1,600,000 \$ 606635 Boston Multiple 400,000 NEEDHAM- NEWTON- RECONSTRUCTION OF HIGHLAND AVENUE, NEEDHAM STREET & CHARLES CMAQ+HSIP+TAP+STP Total Cost = 15,464,292 RIVER BRIDGE, N-04-002, FROM WEBSTER STREET (NEEDHAM) TO ROUTE 9 (NEWTON) 604989 Boston Southborough SOUTHBOROUGH- RECONSTRUCTION OF MAIN CMAQ \$ 1,000,000 \$ 800,000 \$ 200,000 CMAQ+TAP+STP Total Cost = \$7,281,248 STREET (ROUTE 30), FROM SEARS ROAD TO PARK BROOKLINE- INTERSECTION & SIGNAL 605110 Boston Brookline CMAQ \$ 1,000,000 \$ 800,000 \$ 200,000 6 TAP+STP+CMAQ+Private Sector Contribution IMPROVEMENTS @ ROUTE 9 & VILLAGE SQUARE (\$1,000,000) Total Cost = \$6,273,202 (GATEWAY EAST) CMAQ Subtotal ▶ \$ 17,427,220 \$ 13,941,776 \$ 3,485,444 ◀ 80% Federal + 20% Non-Federal

► TAP - Transportation Altern	atives Program								
604989	Boston	Southborough	SOUTHBOROUGH- RECONSTRUCTION OF MAIN STREET (ROUTE 30), FROM SEARS ROAD TO PARK STREET	3	TAP	\$ 1,456,250	\$ 1,165,000	\$ 291,250	CMAQ+TAP+STP Total Cost = \$7,281,248
606635	Boston	Multiple	NEEDHAM- NEWTON- RECONSTRUCTION OF HIGHLAND AVENUE, NEEDHAM STREET & CHARLES RIVER BRIDGE, N-04-002, FROM WEBSTER STREET (NEEDHAM) TO ROUTE 9 (NEWTON)	6	TAP	\$ 1,546,492	\$ 1,237,194	\$ 309,298	CMAQ+HSIP+TAP+STP Total Cost = 15,464,292
605110	Boston	Brookline	BROOKLINE- INTERSECTION & SIGNAL IMPROVEMENTS @ ROUTE 9 & VILLAGE SQUARE (GATEWAY EAST)	6	TAP	\$ 1,255,000	\$ 1,004,000	\$ 251,000	TAP+STP+CMAQ+Private Sector Contribution (\$1,000,000) Total Cost = \$6,273,202
					TAP Subtotal ▶	\$ 4,257,742	\$ 3,406,194	\$ 851,548	■ 80% Federal + 20% Non-Federal

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							Total			
Amendment/	MassDOT		Municipality	MassDOT	MassDOT	Funding		Federal Funds	Non-Federal	Additional
	Project ID ▼	мро ▼	Name ▼	Project Description ▼		Source ▼	Funds ▼		Funds ▼	Information ▼
rajaomont typo t		•		i reject zeconplien v	J.01.101 1	004.00	. unuo		r unuo ,	momadon v
► Non-CMAQ/HSIP/T	AP (Other)									
	601630	Boston	Multiple	WEYMOUTH- ABINGTON- RECONSTRUCTION & WIDENING ON ROUTE 18 (MAIN STREET) FROM HIGHLAND PLACE TO ROUTE 139 (4.0 MILES) INCLUDES REPLACING W-32-013, ROUTE 18 OVER THE OLD COLONY RAILROAD (MBTA)	6	STP	\$ 19,591,490	\$ 15,673,192	\$ 3,918,298	AC Yr 3 of 4; STP+NHPP+HSIP+TEA-21 Earmark+BR Total Cost = \$81,812,268
	1570	Boston	Multiple	GREEN LINE EXTENSION PROJECT- EXTENSION TO COLLEGE AVENUE WITH THE UNION SQUARE SPUR	N/A	STP	\$ 26,572,780	\$ 21,258,224	\$ 5,314,556	AC Yr 3 of 6; Total MPO Contribution = \$190,000,000; funding flexed to FTA; match provided by local contributions; STP+CMAQ+Section 5309 (Transit)
	603711	Boston	Multiple	NEEDHAM- WELLESLEY- REHAB/REPLACEMENT OF 6 BRIDGES ON I-95/ROUTE 128: N-04-020, N-04-021, N- 04-022, N-04-026, N-04-027, N-04-037 & W-13-023 (ADD- A-LANE - CONTRACT V)		NHPP	\$ 1,988,367	\$ 1,590,694	\$ 397,673	AC Yr 5 of 5; NHPP+BR+Statewide Infrastructure Total Cost = \$164,919,140 (\$26,258,183 programmed within FFYs 2017-21 TIP)
	604989	Boston	Southborough	SOUTHBOROUGH- RECONSTRUCTION OF MAIN STREET (ROUTE 30), FROM SEARS ROAD TO PARK STREET	3	STP	\$ 4,824,998	\$ 3,859,998	\$ 965,000	CMAQ+TAP+STP Total Cost = \$7,281,248
	606635	Boston	Multiple	NEEDHAM- NEWTON- RECONSTRUCTION OF HIGHLAND AVENUE, NEEDHAM STREET & CHARLES RIVER BRIDGE, N-04-002, FROM WEBSTER STREET (NEEDHAM) TO ROUTE 9 (NEWTON)	6	STP	\$ 9,598,156	\$ 7,678,525	\$ 1,919,631	CMAQ+HSIP+TAP+STP Total Cost = 15,464,292
	600518	Boston	Hingham	HINGHAM- INTERSECTION IMPROVEMENTS AT DERBY STREET, WHITING STREET (ROUTE 53) AND GARDNER STREET	5	STP	\$ 2,446,188	\$ 1,956,950	\$ 489,238	STP+HSIP Total Cost = \$3,057,735
	605110	Boston	Brookline	BROOKLINE- INTERSECTION & SIGNAL IMPROVEMENTS @ ROUTE 9 & VILLAGE SQUARE (GATEWAY EAST)	6	STP	\$ 3,018,202	\$ 2,414,562	\$ 603,640	TAP+STP+CMAQ+Private Sector Contribution (\$1,000,000) Total Cost = \$6,273,202
	-	1	1		HSIP/TAP (Other) Subtotal I	\$ 68,040,181	\$ 54,432,145	\$ 13,608,036	■ 80% Federal + 20% Non-Federal

► Section 1A / Fiscal Constraint Analysis

Total Federal Aid Target Funds Programmed ▶	\$ 92,656,334	\$ 92,656,334	∢ Total Target	\$	0	Target Funds Available
Total Non-CMAQ/HSIP/TAP (Other) Programmed ▶	\$ 68,040,181	\$ -	■ Max. Non-	\$	(74,690,294)	Non-CMAQ/HSIP/TAP (Other)
			CMAQ/HSIP/TAP			Exceeds Maximum
Total HSIP Programmed ▶	\$ 2,931,191	\$ 4,296,710	■ Min. HSIP	\$	1,365,519	HSIP Recommended Not Met
Total CMAQ Programmed ▶	\$ 17,427,220	\$ 10,741,776	■ Min. CMAQ	44	(6,685,444)	CMAQ Recommended Met
Total TAP Programmed ▶	\$ 4,257,742	\$ 2,927,554	■ Min. TAP	\$	(1,330,188)	TAP Requirement Exceeded!

HSIP, CMAQ, TAP Overprogrammed \$ (6,650,113)

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Statewide Bridge Inspection Program Subtotal ▶ \$

■ 80% Federal + 20% Non-Federal

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Indicates a change in project cost Indicates removed from TIP (cost not reflected in total) Indicates a project moved in from another TIP element Indicates a project moved out to another TIP element (cost not reflected in total) Indicates a new addition to the TIP (action taken as denoted) Indicates a new funding category Amendment/ MassDOT Municipality MassDOT MassDOT Funding Programmed Non-Federal Additional Federal Funds Adjustment Type ▼ Project ID ▼ MPO ▼ Name ▼ Project Description ▼ District ▼ Source ▼ Funds ▼ Funds ▼ Information ▼ ▶ Statewide Interstate Maintenance Program No Projects Programmed \$ \$ No Projects Programmed \$ Statewide Interstate Maintenance Program Subtotal ▶ \$ - \$ - ■ 90% Federal + 10% Non-Federal ▶ Statewide Intelligent Transportation Systems No Projects Programmed - \$ No Projects Programmed \$ \$ \$ Statewide ITS Subtotal ▶ \$ - ■ 80% Federal + 20% Non-Federal ► Statewide National Freight Program No Projects Programmed - \$ \$ \$ No Projects Programmed - ■ 80% Federal + 20% Non-Federal Statewide National Freight Program Subtotal ▶ \$ ▶ Statewide National Highway System Preservation Program DEDHAM RECONSTRUCTION AND RELATED WORK ON BRIDGE 6 NHPP \$ 5,459,341 \$ 4,367,473 \$ 1,091,868 608587 Boston STREET (ROUTE 109) AND AMES STREET SAUGUS SAUGUS - RESURFACING AND RELATED WORK ON NHPP 608008 Boston 9,945,936 \$ 7,956,749 \$ 1,989,187 ROUTE 1 608069 Boston MULTIPLE MARSHFIELD- PEMBROKE- NORWELL- HANOVER-NHPP \$ 16.504.800 \$ 13.203.840 \$ 3.300.960 ROCKLAND- HINGHAM- RESURFACING & RELATED WORK ON ROUTE 3 CONCORD CONCORD- RESURFACING & RELATED WORK ON 608220 Boston 4 NHPP \$ 1,747,200 \$ 1,397,760 \$ 349,440 ROUTE 2 MULTIPLE 608379 LEXINGTON- BELMONT- ARLINGTON- CAMBRIDGE-NHPP 7,706,400 \$ 6,165,120 \$ 1,541,280 Boston PAVEMENT PRESERVATION ON ROUTE 2 NHS + Stormwater = \$8,906,400 Statewide NHS Preservation Program Subtotal ▶ \$ 41,363,677 \$ 33,090,941 \$ 8.272.735 ◀ 80% Federal + 20% Non-Federal ► Statewide Planning Program No Projects Programmed \$ \$ \$ \$ No Projects Programmed Statewide Planning Program Subtotal ▶ \$ - ■ 80% Federal + 20% Non-Federal ► Statewide Railroad Grade Crossings No Projects Programmed \$ \$ No Projects Programmed \$ Statewide RR Grade Crossings Subtotal ▶ \$ ◀ 80% Federal + 20% Non-Federal ► Statewide Safe Routes to Schools Program No Projects Programmed SRTS No Projects Programmed SRTS \$ \$ --Statewide Safe Routes to Schools Program Subtotal ▶ \$ - ■ Funding Split Varies by Funding Source

2018 Boston Region MPO Transportation Improvement Program Indicates a change in project cost

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Indicates removed	from TIP (co	st not reflecte	ed in total)								
Indicates a project	t moved in fro	m another TI	P element								
Indicates a project				t reflected in total)							
Indicates a project				t renected in total)							
		,	iken as denoted)								
Indicates a new fu	inding categor	У			1	1	-			1	
							Total				
Amendment/	MassDOT		Municipality	MassDOT		Funding	Programm		Federal Funds ▼		Additional
Adjustment Type ▼	Project ID ▼	MPO ▼	Name ▼	Project Description ▼	District ▼	Source ▼	Funds ▼		Y	Funds ▼	Information ▼
► Statewide Stormw	otor Detrofite										
Statewide Storing	608217	Boston	MULTIPLE	MARLBOROUGH- SUDBURY- STORMWATER	3	STP-TE	\$ 683	3,488	\$ 546,790	\$ 136,698	
	000217	DOSION	WIOLTIFLE	IMPROVEMENTS ALONG ROUTE 20	3	SIF-IL	φ σος	3,400	\$ 540,790	φ 130,090	
	608379	Boston	MULTIPLE	LEXINGTON- BELMONT- ARLINGTON- CAMBRIDGE-	4	STP-TE	\$ 1.200	0,000	\$ 960,000	\$ 240,000	
	000373	DOSION	WIOLIII LL	PAVEMENT PRESERVATION ON ROUTE 2	7	311 - 1L	Ψ 1,200	3,000	Ψ 300,000	Ψ 240,000	NHS + Stormwater = \$8,906,400
				TAVEMENT TRECERVATION ON ROOTE 2							1416 1 Ctoffiwater = \$6,500,400
				Statewide S	Stormwater R	etrofits Subtotal ▶	\$ 1.883	3,488	\$ 1,506,790	\$ 376.698	■ 80% Federal + 20% Non-Federal
				Statewide C	nonnwater it	Cironio Gubiolai P	Ψ 1,000	5,400	Ψ 1,000,700	ψ 0,000	4 00 /01 Caciai · 20 /01 Noil i caciai
► Statewide Transpo	ortation Enhand	cements									
				No Projects Programmed			\$	-	\$ -	\$ -	
										· ·	
				No Projects Programmed			\$	-	\$ -	\$ -	
				Statewide Transporta	tion Enhance	ements Subtotal >	\$	-	\$ -	\$ -	■ 80% Federal + 20% Non-Federal
								•			-
► Other Statewide It	ems										
				ABP GANS Repayment			\$		\$ -	\$ -	
				Award Adjustments, Change Orders, Project Value			\$	-	\$ -	\$ -	
				Changes, Etc.							
				DBEs, FAPO, Pavement Lab Retrofits, and Misc.			\$	-	\$ -	\$ -	
				Programs					_		
				Planning			\$		\$ -	\$ -	
				Statewide Design and Right of Way			\$		\$ -	\$ -	
				Statewide Recreational Trails	1		\$		\$ -	\$ -	
				Oti	her Statewide	e Items Subtotal >	\$	-	\$ -	\$ -	■ Funding Split Varies by Funding Source
► Section 2A / Non-F	Endoral Projects										
Jection 2A / Non-r	rederal Frojects	•									
► Non Federal Aid											
P Hom r cuciui Aiu				No Projects Programmed		NFA	\$			\$ -	
				, ,							
				No Projects Programmed		NFA	\$	-		\$ -	
					Non-Fed	eral Aid Subtotal▶	S	-		\$ -	◀100% Non-Federal
						orar rua captotar	Ψ				_ 1 100 % 11011 1 000101
► Section 2B / Non-F	Federal Bridge	Projects									
	•										
► Section 2B / Non-F	Federal Bridge	Projects									
				No Projects Programmed		NFA	\$	-		\$ -	
	_			No Projects Programmed		NFA	\$			\$ -	
							,	-		Φ -	
				Section 2B / Non-Fed	leral Bridge F	Projects Subtotal▶	\$	-		\$ -	■100% Non-Federal

2018 Boston Region MPO TIP Summary

	TIP Section 1: ▼	TIP Section 2: ▼	Total of All Projects ▼	
Total ►	\$ 282,762,970	\$ -	\$ 282,762,970	■ Total Spending in Region
Federal Funds ▶	\$ 226,616,855		\$ 226,616,855	■ Total Federal Spending in Region
Non-Federal Funds ▶	\$ 56,146,115	\$ -	\$ 56,146,115	■ Total Non-Federal Spending in Region

701 CMR 7.00 Use of Road Flaggers and Police Details on Public Works Projects / 701 CMR 7.00 (the Regulation) was promulgated and became law on October 3, 2008. Under this Regulation, the CMR is applicable to any Public works Project that is performed within the limits of, or that impact traffic on, any Public Road. The Municipal Limitation referenced in this Regulation is applicable only to projects where the Municipality is the Awarding Authority. For all projects contained in the TIP, the Commonwealth is the Awarding Authority. Therefore, all projects must be considered and implemented in accordance with 701 CMR 7.00, and the Road Flagger and Police Detail Guidelines. By placing a project on the TIP, the Municipality acknowledges that 701 CMR 7.00 is applicable to its project and design and construction will be fully compliant with this Regulation. This information, and additional information relative to guidance and implementation of the Regulation can be found at the following link on the MassDOT Highway/llaggers/main.aspx

FFYs 2017–2021 Transportation Improvement Program (TIP) Transit Project List (FFY 2018)

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FTA	Project	T	FTA Activity	Paris de Description	Carryover	Fadaral Front	Chata Famil	TDC	Land Book	Tabal Cast
Program	Number	Transit Agency	Line Item	Project Description	(unobligated)	Federal Funds	State Funds	TDC	Local Funds	Total Cost
5307						****	4.0	4.0	400	4.0= -00
	7 RTD0004369	Cape Ann Transportation Authority	117A00	PREVENTIVE MAINTENANCE	2017 - \$350,000	\$350,000		\$0	\$87,500	\$437,500
	7 RTD0004372	Cape Ann Transportation Authority	114206	ACQUIRE - SHOP EQ/SOFTWARE MAINT	2017 - \$40,000	\$40,000		\$0	\$0	\$50,000
	7 RTD0004375	Cape Ann Transportation Authority	114220	ACQUIRE - MISC SUPPORT EQUIPMENT	2017 - \$27,267	\$27,267		\$0	\$0	\$34,084
	7 RTD0004381	Cape Ann Transportation Authority	114206	ACQUIRE - SHOP EQUIPMENT	2017 - \$52,000	\$52,000		\$0	\$0	\$65,000
	7 RTD0004977	Cape Ann Transportation Authority	113410	Ave	2016 - \$33,600	\$33,600		\$0	\$0	\$42,000
530	7 RTD0004978	Cape Ann Transportation Authority	113310	CONSTRUCT - BUS SHELTER-CATA HUB/COA	2016 - \$14,400	\$14,400	\$3,600	\$0	\$0	\$18,000
530	7 RTD0004979	Cape Ann Transportation Authority	113410	REHAB/RENOVATE - BUS PASSENGER SHELTERS	2017 - \$9,600	\$9,600	\$2,400	\$0	\$0	\$12,000
530	7 RTD0004879	MetroWest Regional Transit Authority	113403	TERMINAL, INTERMODAL (TRANSIT)	2017 - \$150,000	\$150,000	\$37,500	\$0	\$0	\$187,500
530	7 RTD0004880	MetroWest Regional Transit Authority	117C00	NON FIXED ROUTE ADA PARA SERV	2017 - \$1,300,000	\$1,300,000	\$325,000	\$0	\$0	\$1,625,000
530	7 RTD0004881	MetroWest Regional Transit Authority	114200	ACQUISITION OF BUS SUPPORT EQUIP/FACILITIES	2017 - \$248,415	\$248,415	\$62,104	\$0	\$0	\$310,519
530	7 RTD0004882	MetroWest Regional Transit Authority	440000	Mobility Management	2017 - \$25,000	\$25,000	\$6,250	\$0	\$0	\$31,250
530	07 RTD0006043	Massachusetts Bay Transportation Authority (MBTA)	121200	Revenue Vehicle Program		\$92,354,478	\$0	\$0	\$23,088,620	\$115,443,098
530	07 RTD0006044	Massachusetts Bay Transportation Authority (MBTA)	123400	Stations & Facilities Program		\$49,092,508	\$0	\$0	\$12,273,127	\$61,365,635
		, actionly (indiring			Subtotal	\$143,697,268	\$475,071	\$0	\$35,449,247	\$179,621,586
5309						. , ,	. ,		. , ,	. , ,
	9 RTD0004874	Massachusetts Bay Transportation	132303	GREEN LINE EXTENSION PROJECT-		\$150,000,000	\$0	\$0	\$195,558,000	\$345,558,000
330	75 1112000-1074	Authority (MBTA)	132303	EXTENSION TO COLLEGE AVENUE WITH THE UNION SQUARE SPUR	Ē	Ţ130,000,000	Ų0	Ç	\$133,330,000	4343,330,000
					Subtotal	\$150,000,000	\$0	\$0	\$195,558,000	\$345,558,000
5310					Subtotal	\$0	\$0	\$0	\$0	\$0
5311										
					Subtotal	\$0	\$0	\$0	\$0	\$0
5337										
533	37 RTD0006045	Massachusetts Bay Transportation Authority (MBTA)	122405	Bridge & Tunnel Program		\$56,000,000	\$0	\$0	\$14,000,000	\$70,000,000
533	37 RTD0006046	Massachusetts Bay Transportation Authority (MBTA)	123402	Elevator Program		\$8,000,000	\$0	\$0	\$2,000,000	\$10,000,000
533	37 RTD0006047	Massachusetts Bay Transportation Authority (MBTA)	123400	Stations & Facilities Program		\$48,000,000	\$0	\$0	\$12,000,000	\$60,000,000
533	37 RTD0006069	Massachusetts Bay Transportation Authority (MBTA)	124400	Systems Upgrade Program		\$30,401,533	\$0	\$0	\$7,600,383	\$38,001,916
		, (,			Subtotal	\$142,401,533	\$0	\$0	\$35,600,383	\$178,001,916
5339										
	39 RTD0006049	Massachusetts Bay Transportation	111400	Bus Program		\$5,318,786	\$0	\$0	\$1,329,696	\$6,648,482
533	75 KTD0000045	Authority (MRTA)								
533	33 1(1)20000043	Authority (MBTA)			Subtotal	\$5,318,786	\$0	\$0	\$1,329,696	\$6,648,482

FFYs 2017–2021 Transportation Improvement Program (TIP) Transit Project List (FFY 2018)

07/28/2016 Endorsed 04/20/2017 Amendment Three Draft

FTA	Project		FTA Activity		Carryover					
Program	Number	Transit Agency	Line Item	Project Description	(unobligated)	Federal Funds	State Funds	TDC	Local Funds	Total Cost
Other Feder	ral									
					Subtotal	\$0	\$0	\$0	\$0	\$0
Other Non-	Federal									
Other Non-	RTD0005158	MetroWest Regional Transit Authority	113300	CONSTRUCTION OF BUS		\$0	\$1,000,000	\$0	\$0	\$1,000,000
Federal				STATIONS/TERMINALS						
Other Non-	RTD0005159	MetroWest Regional Transit Authority	115320	CONSTRUCT MISC ELEC/POWER EQUIP		\$0	\$750,000	\$0	\$0	\$750,000
Federal										
					Subtotal	\$0	\$1,750,000	\$0	\$0	\$1,750,000
					Total	\$441,417,587	\$2,225,071	\$0	\$267,937,326	\$711,579,984

Funds listed under the Carry Over column are included in the Federal Amount

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Indicates a change in project cost

Indicates removed from TIP (cost not reflected in total)

Indicates a project moved in from another TIP element

Indicates a project moved out to another TIP element (cost not reflected in total)

Indicates a new addition to the TIP (action taken as denoted)

Indicates a new funding category

							Total			
Amendment/	MassDOT		Municipality	MassDOT	MassDOT	Funding	Programmed	Federal Funds	Non-Federal	Additional
Adjustment Type ▼	Project ID ▼	MPO ▼	Name ▼	Project Description ▼	District ▼	Source ▼	Funds ▼	▼	Funds ▼	Information ▼

► Section 1A / Federal Aid Target Projects

►H	SIP -	 Highway 	Safety	Improvement	Program

► HSIP - Highway S	arety improvem	ent Program								
	607428	Boston	Multiple	HOPEDALE- MILFORD- RESURFACING &	3	HSIP	\$ 2,362,214	\$ 2,125,993	\$ 236,221	
				INTERSECTION IMPROVEMENTS ON ROUTE 16 (MAIN						
				STREET), FROM WATER STREET WEST TO						CMAQ+HSIP Total Cost = \$3,149,619
				APPROXIMATELY 120 FEET WEST OF THE						
				MILFORD/HOPEDALE T.L AND THE INTERSECTION OF						
				ROUTE 140.						
	607652	Boston	Everett	EVERETT- RECONSTRUCTION OF FERRY STREET,	4	HSIP	\$ 1,448,825	\$ 1,303,943	\$ 144,883	
				SOUTH FERRY STREET AND A PORTION OF ELM						CMAQ+STP+HSIP+TAP Total Cost = \$7,244,124
				STREET						
	606043	Boston	Hopkinton	HOPKINTON- SIGNAL & INTERSECTION	3	HSIP	\$ 1,275,206	\$ 1,147,686	\$ 127,521	CMAC . UCID . CTD T-+-1 C+
			·	IMPROVEMENTS ON ROUTE 135						CMAQ+HSIP+STP Total Cost = \$8,501,376
	_		•			HSIP Subtotal ▶	\$ 5.086.246	\$ 4.577.621	\$ 508.625	■ 90% Federal + 10% Non-Federal

SIP Subtotal P 3	5,000,240	\$ 4,577,621	φ 506,625	■ 90% rederal +	10% Non-rederal

► CMAQ - Congesti	on Mitigation a	nd Air Quality Im	provement Program	<u>L</u>							
	1570	Boston	Multiple	GREEN LINE EXTENSION PROJECT- EXTENSION TO COLLEGE AVENUE WITH THE UNION SQUARE SPUR	N/A	CMAQ	\$ 13	3,427,220	\$ 10,741,776	\$ 2,685	AC Yr 4 of 6; Total MPO Contribution = \$190,000,000; funding flexed to FTA; match provided by local contributions; STP+CMAQ+Section 5309 (Transit)
	605034	Boston	Natick	NATICK- RECONSTRUCTION OF ROUTE 27 (NORTH MAIN STREET), FROM NORTH AVENUE TO THE WAYLAND T.L.	3	CMAQ	\$ 2	2,415,334	\$ 1,932,267	\$ 483	067 CMAQ+TAP+STP Total Cost = \$15,459,553
	607428	Boston	Multiple	HOPEDALE- MILFORD- RESURFACING & INTERSECTION IMPROVEMENTS ON ROUTE 16 (MAIN STREET), FROM WATER STREET WEST TO APPROXIMATELY 120 FEET WEST OF THE MILFORD/HOPEDALE T.L AND THE INTERSECTION OF ROUTE 140.	3	CMAQ	\$	787,405	\$ 629,924	\$ 157	481 CMAQ+HSIP Total Cost = \$3,149,619
	607652	Boston	Everett	EVERETT- RECONSTRUCTION OF FERRY STREET, SOUTH FERRY STREET AND A PORTION OF ELM STREET	4	CMAQ	\$	1,275,588	\$ 1,020,470	\$ 255	.118 CMAQ+STP+HSIP+TAP Total Cost = \$7,244,124
	606043	Boston	Hopkinton	HOPKINTON- SIGNAL & INTERSECTION IMPROVEMENTS ON ROUTE 135	3	CMAQ	\$	1,000,000	\$ 800,000	\$ 200	CMAQ+HSIP+STP Total Cost = \$8,501,376

CMAQ Subtotal ▶ \$ 18,905,547 \$ 15,124,438 \$ 3,781,109 ◀ 80% Federal + 20% Non-Federal

►TAP -	Transportation	Alternatives	Program

6	605034	Boston	Natick	NATICK- RECONSTRUCTION OF ROUTE 27 (NORTH MAIN STREET), FROM NORTH AVENUE TO THE WAYLAND T.L.	3	TAP	\$ 1,318,933	\$ 1,055,146	\$ 263,787	CMAQ+TAP+STP Total Cost = \$15,459,553
6	607652	Boston	Everett	EVERETT- RECONSTRUCTION OF FERRY STREET, SOUTH FERRY STREET AND A PORTION OF ELM STREET	4	TAP	\$ 724,412	\$ 579,530	\$ 144,882	CMAQ+STP+HSIP+TAP Total Cost = \$7,244,124
6	608352	Boston	Salem	SALEM- CANAL STREET RAIL TRAIL CONSTRUCTION (PHASE 2)	4	TAP	\$ 2,595,840	\$ 2,076,672	\$ 519,168	
						TAP Subtotal ▶	\$ 4,639,185	\$ 3,711,348	\$ 927,837	■ 80% Federal + 20% Non-Federal

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Indicates a change in project cost

Indicates removed from TIP (cost not reflected in total)

Indicates a project moved in from another TIP element

Indicates a project moved out to another TIP element (cost not reflected in total)

Indicates a new addition to the TIP (action taken as denoted)

Indicates a new funding category

Amendment/ Adjustment Type ▼	MassDOT Project ID ▼	мро ▼	Municipality Name ▼	MassDOT Project Description ▼		Total Funding Programmed Fe Source ▼ Funds ▼ ▼		Federal Funds ▼	Non-Federal Funds ▼	Additional Information ▼
Non-CMAQ/HSIP/T	AP (Other)				_					
	601630	Boston	Multiple	WEYMOUTH- ABINGTON- RECONSTRUCTION & WIDENING ON ROUTE 18 (MAIN STREET) FROM HIGHLAND PLACE TO ROUTE 139 (4.0 MILES) INCLUDES REPLACING W-32-013, ROUTE 18 OVER THE OLD COLONY RAILROAD (MBTA)	6	STP	\$ 8,040,268	\$ 6,432,214	\$ 1,608,054	AC Yr 4 of 4; STP+NHPP+HSIP+TEA-21 Earmark+BR Total Cost = \$81,812,268
	1570	Boston	Multiple	GREEN LINE EXTENSION PROJECT- EXTENSION TO COLLEGE AVENUE WITH THE UNION SQUARE SPUR	N/A	STP	\$ 26,572,780	\$ 21,258,224	\$ 5,314,556	AC Yr 4 of 6; Total MPO Contribution = \$190,000,000; funding flexed to FTA; match provided by local contributions; STP+CMAQ+Section 5309 (Transit)
	605034	Boston	Natick	NATICK- RECONSTRUCTION OF ROUTE 27 (NORTH MAIN STREET), FROM NORTH AVENUE TO THE WAYLAND T.L.	3	STP	\$ 11,725,286	\$ 9,380,229	\$ 2,345,057	CMAQ+TAP+STP Total Cost = \$15,459,553
	607652	Boston	Everett	EVERETT- RECONSTRUCTION OF FERRY STREET, SOUTH FERRY STREET AND A PORTION OF ELM STREET	4	STP	\$ 3,795,299	\$ 3,036,239	\$ 759,060	CMAQ+STP+HSIP+TAP Total Cost = \$7,244,124
	606043	Boston	Hopkinton	HOPKINTON- SIGNAL & INTERSECTION IMPROVEMENTS ON ROUTE 135	3	STP	\$ 6,226,170	\$ 4,980,936	\$ 1,245,234	CMAQ+HSIP+STP Total Cost = \$8,501,376
	605789	Boston	Boston	BOSTON- RECONSTRUCTION OF MELNEA CASS BOULEVARD	6	STP	\$ 7,853,499	\$ 6,282,799	\$ 1,570,700	STP+Earmarks Total Cost = \$25,297,839
		•	•	Non-CMAQ	/HSIP/TAP (Other) Subtotal >	\$ 64,213,303	\$ 51.370.642	\$ 12.842.661	■ 80% Federal + 20% Non-Federal

► Section 1A / Fiscal Constraint Analysis

Total Federal Aid Target Funds Programmed ▶	\$ 92,844,280	\$	92,626,333	∢ Total Target	\$ (217,947)	Funds Over Programmed
Total Non-CMAQ/HSIP/TAP (Other) Programmed ▶	\$ 64,213,303	\$	-	■ Max. Non-	\$ (74,923,454)	Non-CMAQ/HSIP/TAP (Other)
				CMAQ/HSIP/TAP		Exceeds Maximum
Total HSIP Programmed ▶	\$ 5,086,246	\$	4,296,710	■ Min. HSIP	\$ (789,536)	HSIP Recommended Met
Total CMAQ Programmed ▶	\$ 18,905,547	49	10,741,776	■ Min. CMAQ	\$ (8,163,771)	CMAQ Recommended Met
Total TAP Programmed ▶	\$ 4,639,185	\$	2,882,340	■ Min. TAP	\$ (1,756,845)	TAP Requirement Exceeded!

HSIP, CMAQ, TAP Overprogrammed \$ (10,710,152)

► Section 1B / Federal Aid Bridge Projects

▶ Statewide Systematic Maintenance Program

	608234	Boston	MULTIPLE	BOSTON- RANDOLPH- BRIDGE PRESERVATION OF 3 BRIDGES: B-16-165, R-01-005 & R-01-007	6 NHPP	\$ 2,487,857	\$ 1,990,285	\$ 497,571	
				Statewide Bridge Main	tenance Program Subtotal ▶	\$ 2,487,857	\$ 1,990,285	\$ 497,571	■ 80% Federal + 20% Non-Federal

► On System

AMENDMENT:Increase Cost	604173	Boston	BOSTON- BRIDGE REHABILITATION, B-16-016, NORTH WASHINGTON STREET OVER THE BOSTON INNER HARBOR	6	NHPP	\$ 4	42,000,000	\$ 33,600,000	\$ 8,400,000	AC YR 3 of 5, YOE \$112,400,000\$144,066,616
	604952	Boston	LYNN- SAUGUS- BRIDGE REPLACEMENT, L-18-016=S-05-008, ROUTE 107 OVER THE SAUGUS RIVER (AKA - BELDEN G. BLY BRIDGE)		NHPP	\$:	25,763,391	\$ 20,610,713	\$ 5,152,678	AC YR 2 of 2, YOE \$51,527,391
	-			On S	system Subtotal >	\$ (67,763,391	\$ 54,210,713	\$ 13,552,678	■ 80% Federal + 20% Non-Federal

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◀ Funding Split Varies by Funding Source ► Section 1D / Federal Aid Major & State Category Projects ► Regional Major Infrastructure No Projects Programmed No Projects Programmed \$ \$ -\$ Regional Major Infrastructure Subtotal ▶ \$ - ■ 80% Federal + 20% Non-Federal ▶ Statewide Americans with Disability Act Implementation Plan No Projects Programmed \$ No Projects Programmed \$ -Statewide ADA Implementation Plan Subtotal ▶ \$ - ■ 80% Federal + 20% Non-Federal ► Statewide Congestion Mitigation and Air Quality MULTIPLE BOSTON- BROOKLINE- MULTI-USE PATH Boston CMAQ \$ 1,838,827 \$ 1,471,062 \$ 367,765 CONSTRUCTION ON NEW FENWAY

Statewide CMAQ Subtotal ▶ \$ 1,838,827 \$ 1,471,062 \$

367,765 ◀ 80% Federal + 20% Non-Federal

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Indicates a new funding category

Indicates a new fu	nding categor	у				T	<u> </u>	1		
Amendment/ Adjustment Type ▼	MassDOT	мро ▼	Municipality Name ▼	MassDOT Project Description ▼	MassDOT	Funding Source ▼	Total Programmed Funds ▼	Federal Funds ▼	Non-Federal Funds ▼	Additional Information ▼
► Statewide HSIP P		, v		i reject zecomplien i	2.00.					mornadon v
	607759	Boston	BOSTON	BOSTON- INTERSECTION & SIGNAL IMPROVEMENTS AT THE VFW PARKWAY & SPRING STREET	6	HSIP	\$ 594,000	\$ 534,600	\$ 59,400	
	607763	Boston	MILTON	MILTON- INTERSECTION & SIGNAL IMPROVEMENTS AT 2 LOCATIONS: SR 138 (BLUE HILL AVENUE) AT ATHERTON STREET & BRADLEE ROAD AND SR 138 (BLUE HILL AVENUE) AT MILTON STREET & DOLLAR LANE	6	HSIP	\$ 1,188,000	\$ 1,069,200	\$ 118,800	
	608052	Boston	NORWOOD	NORWOOD- INTERSECTION & SIGNAL IMPROVEMENTS AT US 1 (PROVIDENCE HIGHWAY) & MORSE STREET	5	HSIP	\$ 594,000	\$ 534,600	\$ 59,400	
	608205	Boston	MULTIPLE	READING TO LYNNFIELD- GUIDE AND TRAFFIC SIGN REPLACEMENT ON A SECTION OF I-95 (SR 128)	4	HSIP	\$ 4,686,876	\$ 4,218,188	\$ 468,688	
	608206	Boston	MULTIPLE	CHELSEA TO DANVERS- GUIDE AND TRAFFIC SIGN REPLACEMENT ON A SECTION OF US ROUTE 1	4	HSIP	\$ 7,471,818	\$ 6,724,636	\$ 747,182	
		1		Statew	ide HSIP Pr	ogram Subtotal >	\$ 14,534,694	\$ 13,081,225	\$ 1,453,469	◀ 90% Federal + 10% Non-Federal
► Statewide Infrastr	ucture Program	1								-
	608608	Boston	BRAINTREE	Braintree - Highway Lighting Improvements at I-93/ Route 3 Interchange	6	STP	\$ 7,500,000	\$ 6,000,000	\$ 1,500,000	AC Year 1 of 2. Total Cost = \$9,697,229.16.
		•		Statewide Infra	structure Pr	ogram Subtotal >	\$ 7,500,000	\$ 6,000,000	\$ 1,500,000	■ 80% Federal + 20% Non-Federal
► Statewide Intersta	te Maintenance	Program								
	608219	Boston	MULTIPLE	READING- WAKEFIELD- INTERSTATE MAINTENANCE AND RELATED WORK ON I-95	4	NHPP	\$ 4,717,440	\$ 4,245,696	\$ 471,744	
				Statewide Interstate Mai	ntenance Pr	rogram Subtotal >	\$ 4,717,440	\$ 4,245,696	\$ 471,744	■ 90% Federal + 10% Non-Federal
► Statewide Intellige	ent Transportati	on Systems								
				No Projects Programmed			\$ -	\$ -	\$ -	
				No Projects Programmed			\$ -	\$ -	\$ -	
					Statewi	ide ITS Subtotal ▶	- \$ -	\$ -	\$ -	■ 80% Federal + 20% Non-Federal
► Statewide Nationa	I Freight Progra	im 		No Projects Programmed	1	1	l\$ -	\$ -	\$ -	I
				, ,			, *	,	*	
				No Projects Programmed			*	\$ -	\$ -	
				Statewide National	al Freight Pr	ogram Subtotal >	- \$	\$ -	\$ -	■ 80% Federal + 20% Non-Federal
► Statewide Nationa	l Highway Syste	em Preservatio	on Program							
	608467	Boston	MULTIPLE	MARLBOROUGH- SUDBURY- RESURFACING AND RELATED WORK ON ROUTE 20	3	NHPP	\$ 10,681,200	\$ 8,544,960	\$ 2,136,240	
	608468	Boston	MULTIPLE	PEABODY- DANVERS- RESURFACING AND RELATED WORK ON ROUTE 1	4	NHPP		\$ 10,412,928		
► Statowide Please:	a Broare-			Statewide NHS Pre	servation Pr	rogram Subtotal ▶	23,697,360	\$ 18,957,888	\$ 4,739,472	■ 80% Federal + 20% Non-Federal
► Statewide Plannin	y rrogram			No Projects Programmed			-	\$ -	\$ -	
				No Projects Programmed			\$ -	\$ -	\$ -	
				, ,	Diagning D	rogram Subtotal ▶	Ψ	\$ -	*	■ 80% Federal + 20% Non-Federal
				Statewide	rianning Pr	ogram oudioidi 🕨	- ور	φ -	· ·	■ 00 /o Feuerai ▼ 20 /o NOII-Feuerai

07/28/2016 Endorsed 04/20/2017 Amendment Three Draft

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✓ Funding Split Varies by Funding Source ► Section 2A / Non-Federal Projects ► Non Federal Aid No Projects Programmed NFA No Projects Programmed NFA \$ \$ Non-Federal Aid Subtotal▶ \$ - ◀100% Non-Federal \$ ► Section 2B / Non-Federal Bridge Projects ► Section 2B / Non-Federal Bridge Projects No Projects Programmed NFA No Projects Programmed NFA \$ Section 2B / Non-Federal Bridge Projects Subtotal▶ \$ - ◀100% Non-Federal

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Indicates a new funding category

							Total			
Amendment/	MassDOT		Municipality	MassDOT	MassDOT	Funding	Programmed	Federal Funds	Non-Federal	Additional
Adjustment Type ▼	Project ID ▼	MPO ▼	Name ▼	Project Description ▼	District ▼	Source ▼	Funds ▼	▼	Funds ▼	Information ▼
'							TIP Section 1:	TIP Section 2:	Total of All	

2019 Boston Region MPO TIP Summary

	▼ Section 1.	▼ Section 2	Projec	
Total ▶	\$ 240.814.161	\$ -	\$	240.814.161

240,814,161 ◀ Total Spending in Region
195,085,167 ◀ Total Federal Spending in Region
45,728,994 ◀ Total Non-Federal Spending in Region

701 CMR 7.00 Use of Road Flaggers and Police Details on Public Works Projects / 701 CMR 7.00 (the Regulation) was promulgated and became law on October 3, 2008. Under this Regulation, the CMR is applicable to any Public works Project that is performed within the limits of, or that impact traffic on, any Public Road. The Municipal Limitation referenced in this Regulation is applicable only to projects where the Municipality is the Awarding Authority. For all projects contained in the TIP, the Commonwealth is the Awarding Authority. Therefore, all projects must be considered and implemented in accordance with 701 CMR 7.00, and the Road Flagger and Police Detail Guidelines. By placing a project on the Municipality acknowledges that 701 CMR 7.00 is applicable to its project and design and construction will be fully compliant with this Regulation. This information, and additional information relative to guidance and implementation of the Regulation can be found at the following link on the MassDOT Highway Division website: http://www.massdot.state.ma.us/Highway/flaggers/main.aspx

Federal Funds ► \$ 195,085,167

Non-Federal Funds ► \$ 45,728,994 \$

FFYs 2017–2021 Transportation Improvement Program (TIP) Transit Project List (FFY 2019)

07/28/2016 Endorsed

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ΕΤΔ D	rogram	Project Number	Transit Agency	FTA Activity Line Item Project Description	Carryover (unobligated)	Federal Funds	State Funds	TDC -	Local Funds	Total Cost
5307	ogram	Number	Halisit Agency	tille itelli Project Description	(unobligateu)	rederarrunus	State rulius	TDC	Local Fullus	Total Cost
	5307	RTD0004370	Cape Ann Transportation Authority	117A00 PREVENTIVE MAINTENANCE	2018 - \$350,000	\$350,000	\$0	\$0	\$87,500	\$437,500
	5307	RTD0004376	Cape Ann Transportation Authority	114206 ACQUIRE - SHOP	2018 - \$44,000	\$44,000	\$11,000	\$0	\$0	\$55,000
	5307	RTD0004377	Cape Ann Transportation Authority	114220 ACQUIRE - MISC SUPPORT EQUIPMENT	2018 - \$30,055	\$30,055	\$7,514	\$0	\$0	\$37,569
	5307	RTD0004883	MetroWest Regional Transit Authority	113303 TERMINAL, INTERMODAL (TRANSIT): Facil. Improvements	2018 - \$150,000	\$150,000	\$37,500	\$0	\$0	\$187,500
	5307	RTD0004884	MetroWest Regional Transit Authority	117C00 NON FIXED ROUTE ADA PARA SERV	2018 - \$1,300,000	\$1,300,000	\$325,000	\$0	\$0	\$1,625,000
	5307	RTD0004885	MetroWest Regional Transit Authority	114200 ACQUISITION OF BUS SUPPORT EQUIP/FACILITIES	2018 - \$248,415	\$248,415	\$62,104	\$0	\$0	\$310,519
	5307	RTD0004886	MetroWest Regional Transit Authority	440000 Mobility Management	2018 - \$25,000	\$25,000	\$6,250	\$0	\$0	\$31,250
	5307	RTD0006050	Massachusetts Bay Transportation Authority (MBTA)	121200 Revenue Vehicle Program		\$126,943,571	\$0	\$0	\$31,735,893	\$158,679,464
	5307	RTD0006051	Massachusetts Bay Transportation Authority (MBTA)	123400 Stations & Facilities Program		\$16,501,639	\$0	\$0	\$4,125,410	\$20,627,049
					Subtotal	\$145,592,680	\$449,368	\$0	\$35,948,803	\$181,990,851
5309										
	5309	RTD0004872	Massachusetts Bay Transportation Authority (MBTA)	132303 GREEN LINE EXTENSION PROJECT- EXTENSION TO COLLEGE AVENUE WITH THE UNION SQUARE SPUR	I	\$150,000,000	\$0	\$0	\$26,196,000	\$176,196,000
					Subtotal	\$150,000,000	\$0	\$0	\$26,196,000	\$176,196,000
5310					Subtotal	\$0	\$0	\$0	\$0	\$0
5311					Subtotal	\$0	\$0	\$0	\$0	\$0
5337										
	5337	RTD0006052	Massachusetts Bay Transportation Authority (MBTA)	122405 Bridge & Tunnel Program		\$48,000,000	\$0	\$0	\$12,000,000	\$60,000,000
	5337	RTD0006053	Massachusetts Bay Transportation Authority (MBTA)	123402 Elevator Program		\$8,000,000	\$0	\$0	\$2,000,000	\$10,000,000
	5337	RTD0006054	Massachusetts Bay Transportation Authority (MBTA)	123402 S Shore Parking Garage		\$33,861,634	\$0	\$0	\$8,465,408	\$42,327,042
	5337	RTD0006055	Massachusetts Bay Transportation Authority (MBTA)	123400 Stations & Facilities Program		\$32,000,000	\$0	\$0	\$8,000,000	\$40,000,000
	5337	RTD0006056	Massachusetts Bay Transportation Authority (MBTA)	124400 Systems Upgrade Program		\$22,992,038	\$0	\$0	\$5,748,010	\$28,740,048
			·		Subtotal	\$144,853,672	\$0	\$0	\$36,213,418	\$181,067,090
5339										
	5339	RTD0006057	Massachusetts Bay Transportation Authority (MBTA)	111400 Bus Program		\$5,434,322	\$0	\$0	\$1,358,581	\$6,792,903
					Subtotal	\$5,434,322	\$0	\$0	\$1,358,581	\$6,792,903
5320					Subtotal	\$0	\$0	\$0	\$0	\$0
Other F	ederal				Subtotal	\$0	\$0	\$0	\$0	\$0
Other N	lon-Fede	eral								

FFYs 2017–2021 Transportation Improvement Program (TIP)

Transit Project List (FFY 2019)

07/28/2016 Endorsed

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	Project		FTA Activity		Carryover					
FTA Program	Number	Transit Agency	Line Item	Project Description	(unobligated)	Federal Funds	State Funds	TDC	Local Funds	Total Cost
Other Non- R Federal	RTD0006089	Cape Ann Transportation Authority	111209 BU	Y REPLACEMENT TROLLEY BUS		\$0	\$900,000	\$0	\$0	\$900,000
					Subtotal	\$0	\$900,000	\$0	\$0	\$900,000
					Total	\$445,880,674	\$1,349,368	\$0	\$99,716,802	\$546,946,844

Funds listed under the Carry Over column are included in the Federal Amount

07/28/2016 Endorsed

dicates removed												
licates a project												
			lement (cost not ref	flected in total)								
dicates a new ad		(action take	en as denoted)									
dicates a new fur	nding category	1			T	T	Total					
nendment/	MassDOT		Municipality Nam	e MassDOT	MassDOT	Funding	Programn	ned	Federal Funds	Non	-Federal	Additional
justment Type ▼	Project ID ▼	мро ▼	▼	Project Description ▼		Source ▼	Funds ▼		▼		ds ▼	Information ▼
Section 1A / Federa	al Aid Target Proj	ects										
ISIP - Highway Saf	fety Improvement	Program										
				No Projects Programmed			\$	-	\$ -	\$	-	
				No Projects Programmed			\$	-	\$ -	\$	-	
						HSIP Subtotal ▶	\$	-	\$ -	\$	_	■ 90% Federal + 10% Non-Federal
							Ť	1	•			
JMAQ - Congestion	n Mitigation and A	Boston	rovement Program Multiple	GREEN LINE EXTENSION PROJECT- EXTENSION TO	N/A	CMAQ	\$ 13.42	7 220	\$ 10,741,77	3 \$	2.685.444	AC Yr 5 of 6: Total MPO Contribution =
	1070	Doston	Watapio	COLLEGE AVENUE WITH THE UNION SQUARE SPUR	14//	CIVII (Q	ψ 10,42	,220	Ψ 10,741,77	J W	2,000,444	\$190,000,000; funding flexed to FTA; materials
												provided by local
												contributions; STP+CMAQ+Section 5309 (Transit)
	604123	Boston	Ashland	ASHLAND- RECONSTRUCTION ON ROUTE 126 (POND	3	CMAQ	\$ 1,00	0,000	\$ 800,00) \$	200,000	(Transit)
				STREET), FROM THE FRAMINGHAM T.L. TO THE			, , , , ,	,				STP+CMAQ+TAP Total Cost = \$15,532,4
				HOLLISTON T.L								
	602077	Boston	Lynn	LYNN- RECONSTRUCTION ON ROUTE 129 (LYNNFIELD STREET), FROM GREAT WOODS ROAD	4	CMAQ	\$ 1,00	0,000	\$ 800,00) \$	200,000	CMAQ+STP Total Cost = \$4,953,270
				TO WYOMA SQUARE								CIVIAQ+31F 10tal Cost = \$4,933,270
	602261	Boston	Walpole	WALPOLE- RECONSTRUCTION ON ROUTE 1A (MAIN	5	CMAQ	\$ 1,00	0,000	\$ 800,00	\$	200,000	
				STREET), FROM THE NORWOOD T.L. TO ROUTE 27,								STP+CMAQ+TAP Total Cost = \$18,584,3
				INCLUDES W-03-024 OVER THE NEPONSET RIVER								
	606453	Boston	Boston	BOSTON- IMPROVEMENTS ON BOYLSTON STREET,	6	CMAQ	\$ 1,00	0,000	\$ 800,00) \$	200,000	
				FROM INTERSECTION OF BROOKLINE AVENUE &								CMAQ+TAP+STP Total Cost = \$8,214,31
				PARK DRIVE TO IPSWICH STREET	l	CMAQ Subtotal ▶	¢ 17.42	7 220	¢ 12 0/1 77	2 @	2 495 444	■ 80% Federal + 20% Non-Federal
					'	CIVIAQ Subtotal F	\$ 17,42	,220	\$ 13,941,77) à	3,400,444	■ 80% Federal + 20% Non-Federal
TAP - Transportation			A-611	ACHI AND DECONOTRICTION ON DOUTE 400 (BOND	1 0	TAD	0.10	104	f 4.005.10	- 0	404.000	
	604123	Boston	Ashland	ASHLAND- RECONSTRUCTION ON ROUTE 126 (POND STREET), FROM THE FRAMINGHAM T.L. TO THE	3	TAP	\$ 2,10	5,481	\$ 1,685,18	5 5	421,296	STP+CMAQ+TAP Total Cost = \$15,532,4
				HOLLISTON T.L								21. 2 1 1
	602261	Boston	Walpole	WALPOLE- RECONSTRUCTION ON ROUTE 1A (MAIN	5	TAP	\$ 1,85	3,437	\$ 1,486,75	\$	371,687	
				STREET), FROM THE NORWOOD T.L. TO ROUTE 27,								STP+CMAQ+TAP Total Cost = \$18,584,3
				INCLUDES W-03-024 OVER THE NEPONSET RIVER								
				İ	1 -	İTAD	\$ 81	100	£ 040.04	- 1	100 100	
	606453	Boston	Boston	BOSTON- IMPROVEMENTS ON BOYLSTON STREET, FROM INTERSECTION OF BROOKLINE AVENUE &	6	TAP	\$ 81	2,432	\$ 649,94	2 2	162,486	CMAQ+TAP+STP Total Cost = \$8,214,31

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Amendment/ Adjustment Type ▼	MassDOT Project ID ▼	MPO ▼	Municipality Name ▼		MassDOT District ▼		Total Programmed Funds ▼		Non-Federal Funds ▼	Additional
Non-CMAQ/HSIP/TAF		INIT O V	· ·	1 Toject Description v	DISTRICT Y	Jource v	i uiius v	1.*	i ulius v	IIIIOIIIIauoii ¥
P ROLL SHIP SET TO THE	1570	Boston		GREEN LINE EXTENSION PROJECT- EXTENSION TO COLLEGE AVENUE WITH THE UNION SQUARE SPUR	N/A	STP	\$ 26,572,780	\$ 21,258,224	\$ 5,314,556	AC Yr 5 of 6; Total MPO Contribution = \$190,000,000; funding flexed to FTA; match provided by local contributions; STP+CMAQ+Section 5309 (Transit)
	604123	Boston	Ashland	ASHLAND- RECONSTRUCTION ON ROUTE 126 (POND STREET), FROM THE FRAMINGHAM T.L. TO THE HOLLISTON T.L	3	STP	\$ 12,425,924	\$ 9,940,739	\$ 2,485,185	STP+CMAQ+TAP Total Cost = \$15,532,405
	602077	Boston	Lynn	LYNN- RECONSTRUCTION ON ROUTE 129 (LYNNFIELD STREET), FROM GREAT WOODS ROAD TO WYOMA SQUARE	4	STP	\$ 3,953,270	\$ 3,162,616	\$ 790,654	CMAQ+STP Total Cost = \$4,953,270
	602261	Boston	Walpole	WALPOLE- RECONSTRUCTION ON ROUTE 1A (MAIN STREET), FROM THE NORWOOD T.L. TO ROUTE 27, INCLUDES W-03-024 OVER THE NEPONSET RIVER	5	STP	\$ 15,725,936	\$ 12,580,749	\$ 3,145,187	STP+CMAQ+TAP Total Cost = \$18,584,373
	606453	Boston	Boston	BOSTON- IMPROVEMENTS ON BOYLSTON STREET, FROM INTERSECTION OF BROOKLINE AVENUE & PARK DRIVE TO IPSWICH STREET	6	STP	\$ 6,401,887	\$ 5,121,510	\$ 1,280,377	CMAQ+TAP+STP Total Cost = \$8,214,319
	606226	Boston	Boston	BOSTON- RECONSTRUCTION OF RUTHERFORD AVENUE, FROM CITY SQUARE TO SULLIVAN SQUARE	6	STP	\$ 7,000,000	\$ 5,600,000	\$ 1,400,000	Yr 1 of 5; TAP+STP+Earmarks Total Cost = \$37,411,459
	_	1		Non-CMAQ/	HSIP/TAP (Other) Subtotal ▶	\$ 72,079,797	\$ 57,663,838	\$ 14,415,959	■ 80% Federal + 20% Non-Federal

► Section 1A / Fiscal Constraint Analysis

Total Federal Aid Target Funds Programmed ▶	\$ 94,284,367	\$ 94,819,913	◄ Total Target	\$ 535,546	Target Funds Available
Total Non-CMAQ/HSIP/TAP (Other) Programmed ▶	\$ 72,079,797	\$ -	■ Max. Non-	\$ (75,986,775)	Non-CMAQ/HSIP/TAP (Other)
			CMAQ/HSIP/TAP		Exceeds Maximum
Total HSIP Programmed ▶	\$ -	\$ 4,296,710	■ Min. HSIP	\$ 4,296,710	HSIP Recommended Not Met
Total CMAQ Programmed ▶	\$ 17,427,220	\$ 10,741,776	■ Min. CMAQ	\$ (6,685,444)	CMAQ Recommended Met
Total TAP Programmed ▶	\$ 4,777,350	\$ 3,259,106	■ Min. TAP	\$ (1,518,244)	TAP Requirement Exceeded!

HSIP, CMAQ, TAP Overprogrammed \$ (3,906,978)

► Section 1B / Federal Aid Bridge Projects

► Statewide Systematic Maintenance Program

608609	Boston	MULTIPL
608596	Boston	ESSEX

NEWTON - WESTWOOD, BRIDGE NO. N-12-0056 AND W-31-006: CLEA AND PAIT STRUCTURAL STEEL	6	NHPP	\$ 2,400,000	\$ 1,920,000	\$ 480,000	
ESSEX- BRIDGE PRESERVATION, E-11-001, ROUTE 133\MAIN STREET OVER ESSEX RIVER	4	NHPP	\$ 2,688,000	\$ 2,150,400	\$ 537,600	
Statewide Bridge Main	ogram Subtotal >	\$ 5.088.000	\$ 4.070.400	\$ 1.017.600	■ 80% Federal + 20% Non-Federal	

►On System

AMENDMENT:Increase Cost	604173	Boston	BOSTON	BOSTON- BRIDGE REHABILITATION, B-16-016, NORTH WASHINGTON STREET OVER THE BOSTON INNER HARBOR	6	NHPP	\$ 35,000,000	\$ 28,000,000	\$ 7,000,000	AC YR 4 of 5, YOE \$ 112,400,000 \$144,066,616
	608009	Boston	BOXBOROUGH	BOXBOROUGH- BRIDGE REPLACEMENT, B-18-002, ROUTE 111 OVER I-495	3	NHPP	\$ 8,000,000	\$ 6,400,000	\$ 1,600,000	AC YR 1 of 2. Total Cost = 14,295,000
	608097	Boston	WOBURN	WOBURN- BRIDGE REPLACEMENT & RELATED WORK, W-43-028, WASHINGTON STREET OVER I-95	4	NHPP	\$ 14,000,000	\$ 11,200,000	\$ 2,800,000	
	605342	Boston	STOW	STOW- BRIDGE REPLACEMENT, S-29-001, (ST 62) GLEASONDALE ROAD OVER THE ASSABET RIVER	3	NHPP	\$ 6,706,560	\$ 5,365,248	\$ 1,341,312	

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	moved in from												
cates a project			ement (cost not refle	ected in total)									
icates a new ad		(action take	n as denoted)										
licates a new fui	nding category						I = .	<u> </u>			1		
nendment/	MassDOT		Municipality Name	MassDOT	MassDOT	Funding	Tota		Fed	eral Funds	Non-Fede	eral	Additional
ljustment Type ▼	Project ID ▼	мро ▼	▼	Project Description ▼	District ▼	Source ▼		ids ▼	▼		Funds ▼		Information ▼
	608613	Boston	STONEHAM	STONEHAM - BRIDGE REPLACEMENT, S-27-008, MARBLE STREET OVER I-93	4	NHPP	\$	15,523,120	\$	12,418,496	\$ 3	3,104,624	
	608614	Boston	BOSTON	BOSTON - SUPERSTRUCTURE REPLACEMENT, B-16- 179, AUSTIN STREET OVER 1-93 RAMPS, MBTA COMMUTER RAIL AND ORANGE LINE	6	NHPP	\$	19,673,600	\$	15,738,880	\$ 3	3,934,720	
	-				On S	ystem Subtotal ▶	\$	98,903,280	\$	79,122,624	\$ 19	9,780,656	■ 80% Federal + 20% Non-Federal
ff-System													
				No Projects Programmed			\$	-	\$	-	\$	-	
				No Projects Programmed			\$	-	\$	-	\$	-	
					Off-S	ystem Subtotal ►	\$	-	\$	-	\$	-	■ 80% Federal + 20% Non-Federal
tatewide Bridge Ins	eation Program												
tatewide Bridge ilis	ection Program			No Projects Programmed			\$	-	\$	-	\$	-	
				No Projects Programmed			\$	-	\$	_	\$	-	
				Statewide Bridge Ir	nspection Pr	ogram Subtotal ▶	\$	-	\$	-	\$	-	■ 80% Federal + 20% Non-Federal
	al Aid Non-Target	Projects											
	al Aid Non-Target	Projects		No Projects Programmed			\$	-	\$	-	\$		
	al Aid Non-Target	Projects		No Projects Programmed No Projects Programmed			\$	-	\$	-	\$	-	
	al Aid Non-Target	Projects		· •	Other Fede	al Aid Subtotal ▶	\$		\$	-		-	■ Funding Split Varies by Funding Source
ther Federal Aid			rojects	· •	Other Fede	al Aid Subtotal ▶	\$		\$	-	\$	-	Funding Split Varies by Funding Source
other Federal Aid	al Aid Major & Sta		rojects	· •	Other Fede	al Aid Subtotal ▶	\$		\$	-	\$	-	■ Funding Split Varies by Funding Sourc
Other Federal Aid Section 1D / Federal	al Aid Major & Sta		rojects	· •	Other Fede	al Aid Subtotal ▶	\$		\$	-	\$	-	■ Funding Split Varies by Funding Sourc
Other Federal Aid	al Aid Major & Sta		rojects	No Projects Programmed	Other Fede	al Aid Subtotal ▶	\$		\$	-	\$	-	■ Funding Split Varies by Funding Source
Other Federal Aid	al Aid Major & Sta		rojects	No Projects Programmed No Projects Programmed No Projects Programmed		al Aid Subtotal ▶	\$ \$	-	\$	-	\$	-	▼ Funding Split Varies by Funding Source ■ Funding Split Varies by Funding Source ■ 80% Federal + 20% Non-Federal
Other Federal Aid Section 1D / Feder Regional Major Infi	al Aid Major & Sta astructure	te Category Pi		No Projects Programmed No Projects Programmed No Projects Programmed			\$ \$	-	\$	-	\$ \$	-	
Other Federal Aid Section 1D / Feder Regional Major Infi	al Aid Major & Sta astructure	te Category Pi		No Projects Programmed No Projects Programmed No Projects Programmed			\$ \$	-	\$ \$	-	\$ \$ \$ \$ \$	-	
Other Federal Aid Section 1D / Feder Regional Major Infi	al Aid Major & Sta astructure	te Category Pi		No Projects Programmed No Projects Programmed No Projects Programmed Regional M			\$ \$	-	\$ \$	-	\$ \$ \$	-	
Other Federal Aid Section 1D / Federal Regional Major Info	al Aid Major & Sta astructure	Act Implement		No Projects Programmed No Projects Programmed No Projects Programmed Regional M	Major Infrastr	ucture Subtotal ▶	\$ \$ \$	-	\$ \$ \$		\$ \$ \$ \$ \$		
Section 1C / Federal Aid Section 1D / Federal Aid Section 1D / Federal Aid Section 1D / Federal Aid Section 1D / Federal Aid Section 1D / Federal Aid Section 1D / Federal Aid Section 1D / Federal Aid Section 1D / Federal Aid Section 1D / Federal Aid Section 1D / Federal Aid	al Aid Major & Sta astructure ns with Disability	Act Implement	ation Plan	No Projects Programmed No Projects Programmed No Projects Programmed Regional N No Projects Programmed No Projects Programmed Statewide ADA Im	lajor Infrastr	ucture Subtotal ▶	\$ \$ \$		\$ \$ \$ \$ \$		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	-	
Other Federal Aid Section 1D / Federal Regional Major Info	al Aid Major & Sta astructure	Act Implement		No Projects Programmed No Projects Programmed No Projects Programmed Regional No Projects Programmed No Projects Programmed No Projects Programmed	Major Infrastr	ucture Subtotal ▶	\$ \$ \$		\$ \$ \$ \$ \$		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$		■ 80% Federal + 20% Non-Federal

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dicates removed	from TIP (cost	not reflected									
dicates a project											
			lement (cost not ref	lected in total)							
dicates a new addicates a new fun		P (action take	en as denoted)								
idicates a fiew full	iding category				1		Total				
mendment/	MassDOT		Municipality Nam			Funding	Progr	ammed	Federal Funds		Additional
djustment Type ▼ Statewide HSIP Pro	Project ID ▼	MPO ▼	V	Project Description ▼	District V	Source ▼	Funds	s▼	▼	Funds ▼	Information ▼
Statewide HSIF FIC	608562	Boston	SOMERVILLE	SOMERVILLE - SIGNAL AND INTERSECTION	4	HSIP	\$	2,688,000	\$ 2.419.200	\$ 268.800	
	000002		OOMEN VILLE	IMPROVEMENT ON 1-93 AT MYSTIC AVENUE AND MCGRATH HIGHWAY (TOP 200 CRASH LOCATION)				2,000,000	2,110,200	Q 233,000	Design funds are programmed in FFY 2017 Section 1C, under the Federal Aid Non-Tar Project (HPP funds)
				No Projects Programmed			\$	-	\$ -	\$ -	
				State	wide HSIP P	rogram Subtotal ►	\$	2,688,000	\$ 2,419,200	\$ 268,800	■ 90% Federal + 10% Non-Federal
											_
Statewide Infrastru											
	608611	Boston	MULTIPLE	CANTON-MILTON-RANDOLPH, REPLACEMENT AND REHABILITATION OF THE HIGHWAY LIGHTING SYSTEM AT THE ROUTE 24/ROUTE1/I-93 INTERCHANGE.	6	STP	\$	9,591,791	\$ 7,757,783	\$ 1,834,008	
	608608	Boston	BRAINTREE	BRAINTREE - HIGHWAY LIGHTING IMPROVEMENTS AT I-93/ ROUTE 3 INTERCHANGE	6	STP	\$	2,197,229	\$ 1,757,783	\$ 439,446	AC Year 2 of 2. Total Cost = \$9,697,229
	607977	Boston	MULTIPLE	HOPKINTON- WESTBOROUGH- RECONSTRUCTION OF I-90/I-495 INTERCHANGE	3	NHPP	\$	1,000,000	\$ 800,000	\$ 200,000	AC YEAR 1 OF 5. \$269M total cost. \$161. TFPC, 107.6M NFA.
				Statewide Infr	astructure P	rogram Subtotal ►	\$ 1	2,789,020	\$ 10,315,567	\$ 2,473,454	■ 80% Federal + 20% Non-Federal
Statewide Interstate	608208	Boston	MULTIPLE	QUINCY- MILTON- BOSTON- INTERSTATE		6 NHPP	1 :	\$20,123,712	\$18,111,341	\$2,012,371	
				MAINTENANCE & RELATED WORK ON I-93							IM + Stormwater = \$20,625,472
Statewide Intelligen	st Transportation	Systems		Statewide Interstate Ma	intenance P	rogram Subtotal ▶	\$ 2	0,123,712	\$ 18,111,341	\$ 2,012,371	■ 90% Federal + 10% Non-Federal
Statewide intelligen	it Transportation	Toysterns		No Projects Programmed			\$	-	\$ -	\$ -	
				No Projects Programmed			\$		\$ -	\$ -	
				Tro Trojecto Tregrammes	Ct-t	ide ITS Subtotal ▶	Ť				■ 80% Federal + 20% Non-Federal
					Statew	ide 113 Subtotal P	φ		5 -	-	■ 80% Federal + 20% Non-Federal
Statewide National	Freight Program	1									
				No Projects Programmed			\$	-	\$ -	\$ -	
				No Projects Programmed			\$	-	\$ -	\$ -	
		1	1	Statewide Nation	nal Freight P	rogram Subtotal >	\$	-	\$ -	\$ -	■ 80% Federal + 20% Non-Federal
			_								
Statewide National	608478	Boston	CONCORD	CONCORD- RESURFACING AND RELATED WORK ON	1 4	NHPP	\$	5,241,600	\$ 4,193,280	\$ 1,048,320	
	608480	Boston	FOXBOROUGH	ROUTE 2 FOXBOROUGH- WALPOLE- RESURFACING AND RELATED WORK ON ROUTE 1	5	NHPP	\$	8,578,080	\$ 6,862,464	\$ 1,715,616	
	608482	Boston	MULTIPLE	CAMBRIDGE- SOMERVILLE- RESURFACING AND RELATED WORK ON ROUTE 28	6	NHPP	\$	7,843,920	\$ 6,275,136	\$ 1,568,784	
	608483	Boston	WEYMOUTH	WEYMOUTH- RESURFACING AND RELATED WORK ON ROUTE 3A	6	NHPP	\$	2,576,000	\$ 2,060,800	\$ 515,200	
		•	•	Statewide NHS Pr	eservation P	rogram Subtotal >	\$ 2	4 239 600	\$ 19391680	\$ 4.847.920	■ 80% Federal + 20% Non-Federal

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ndicates a project									
				-11					
			lement (cost not refle	ected in total)					
ndicates a new ad		(action take	n as denoted)						
ndicates a new fur	nding category								
						Total			
mendment/	MassDOT		Municipality Name	MassDOT	MassDOT Funding	Programmed	Federal Funds	Non-Federal	Additional
djustment Type ▼	Project ID ▼	мро ▼		Project Description ▼	District ▼ Source ▼	Funds ▼	▼	Funds ▼	Information ▼
Statewide Planning	Program	•	"				•		
				No Projects Programmed		\$ -	\$ -	\$ -	
		1			 	\$ -			
				No Projects Programmed		\$ -	\$ -	\$ -	
				Statewide	Planning Program Subtotal ▶	\$ -	\$ -	\$ -	■ 80% Federal + 20% Non-Federal
					5 5				=
Statewide Railroad	Grade Crossings	•							
				No Projects Programmed		\$ -	\$ -	\$ -	
				No Projects Programmed		\$ -	\$ -	\$ -	
				ino Projects Programmed		a -	a -	5 -	
				Statewide RF	R Grade Crossings Subtotal >	\$ -	\$ -	\$ -	■ 80% Federal + 20% Non-Federal
Statewide Safe Ro	utes to Schools F	rogram							
		1		No Projects Programmed	SRTS	\$ -	\$ -	\$ -	
				, ,		·	*	*	
				No Projects Programmed	SRTS	\$ -	\$ -	\$ -	
		1		Statewide Safe Routes to	Schools Program Subtotal >	\$ -	\$ -	\$ -	■ Funding Split Varies by Funding Source
						_ 7	T	1.7	_ ··· g, · g
Statewide Stormwa	ter Retrofits								
	608208	Boston	MULTIPLE	QUINCY- MILTON- BOSTON- INTERSTATE	6 STP-TE	\$ 501,760	\$ 401,408	\$ 100,352	IM + Stormwater = \$20,625,472
				MAINTENANCE & RELATED WORK ON I-93					IWI + Stormwater = \$20,625,472
	_			Statewide St	ormwater Retrofits Subtotal ▶	\$ 501,760	\$ 401,408	\$ 100.352	■ 80% Federal + 20% Non-Federal
								,	
Statewide Transpo	rtation Enhancem	nents							
				No Projects Programmed		\$ -	\$ -	\$ -	
		1		<u> </u>					
				No Projects Programmed		\$ -	\$ -	\$ -	
				Statewide Transportati	ion Enhancements Subtotal ▶	\$ -	\$ -	\$ -	■ 80% Federal + 20% Non-Federal
						*	7	7	
Other Statewide Ite	ems								
				ABP GANS Repayment		\$ -	\$ -	\$ -	
		1		Award Adjustments, Change Orders, Project Value		\$ -	\$ -	\$ -	
		1		Changes, Etc.		•	_	_	
		+		DBEs, FAPO, Pavement Lab Retrofits, and Misc.		\$ -	\$ -	\$ -	
		1		Programs		Ψ -	-	-	
		+		Planning		\$ -	\$ -	\$ -	
		+	- 	Statewide Design and Right of Way		\$ -	\$ -	\$ -	
		1		Statewide Recreational Trails	 	\$ -	\$ -		+

2020 Bos	ton R	egion I	MPO Tra	ansportation	Improver	nent	Progr	am	07/28/2016 Et 04/20/2017 At	ndorsed mendment Three	Draft
Indicates a change in	project cost										
Indicates removed fro	om TIP (cost n	ot reflected in t	total)								
Indicates a project me	oved in from a	nother TIP elei	ment								
Indicates a project me	oved out to an	other TIP elem	ent (cost not refle	ected in total)							
Indicates a new addit	ion to the TIP	(action taken a	s denoted)	,							
Indicates a new fundi		(1	,								
Amendment/	MassDOT Project ID ▼	MPO ▼	Municipality Name	MassDOT Project Description▼		MassDOT District ▼		Total Programmed Funds ▼	Federal Funds	Non-Federal Funds ▼	Additional
Adjustment Type ▼ ► Section 2A / Non-Fede		IMPO ▼	<u> </u>	Project Description V		DISTRICT V	Source ▼	runas ▼	V	runas ▼	Information ▼
► Non Federal Aid											
				No Projects Programmed							
						Non-Fede	ral Aid Subtotal▶	\$ -		\$ -	■100% Non-Federal
► Section 2B / Non-Fede	eral Bridge Proj	ects									
► Section 2B / Non-Fede	eral Bridge Proj	ects									
				No Projects Programmed			NFA	\$ -		\$ -	
				No Projects Programmed			NFA	\$ -		\$ -	
			1		Section 2B / Non-Fede	ral Bridge P	rojects Subtotal▶	\$ -		\$ -	◀100% Non-Federal
0000 D	, n		ADO TIE					TIP Section 1:	TIP Section 2:	Total of All	
2020 Bos	ston Re	egion i	MPO III	Summary				▼	▼	Projects ▼	
							Total ▶	\$ 265,701,739	\$ -	\$ 265,701,739	■ Total Spending in Region
							Federal Funds ▶	\$ 214,926,913		\$ 214,926,913	■ Total Federal Spending in Region

701 CMR 7.00 Use of Road Flaggers and Police Details on Public Works Projects / 701 CMR 7.00 (the Regulation) was promulgated and became law on October 3, 2008. Under this Regulation, the CMR is applicable to any Public works Project that is performed within the limits of, or that impact traffic on, any Public Road. The Municipal Limitation referenced in this Regulation is applicable only to projects where the Municipality is the Awarding Authority. For all projects contained in the TIP, the Commonwealth is the Awarding Authority. Therefore, all projects must be considered and implemented in accordance with 701 CMR 7.00, and the Road Flagger and Police Detail Guidelines. By placing a project on the TIP, the Municipality acknowledges that 701 CMR 7.00 is applicable to its project and design and construction will be fully compliant with this Regulation. This information, and additional information relative to guidance and implementation of the Regulation can be found at the following link on the MassDOT Highway Division website: http://www.massdot.sate.ma.usHighway/flaggers/main.aspx

Non-Federal Funds ► \$ 50,774,826 \$

50,774,826 ◀ Total Non-Federal Spending in Region

A Dunguage Business North	Tuonsit Assure	FTA Activity		Carryover	Fodovol Eurode	Ctata Francis	TDC	Local Funda	Total Cont
A Program Project Number - Urbanized Area Formula Gra		Line Item	Project Description	(unobligated)	Federal Funds	State Funds	TDC	Local Funds	Total Cost
5307 RTD0004380		117A00	PREVENTIVE MAINTENANCE	2019 - \$350,000	\$350,000	\$0	ĊΩ	¢07.500	\$437
5307 RTD0004380 5307 RTD0004986	Cape Ann Transportation Authority	117A00 114206	ACQUIRE - SHOP EQ/COMP/SFTWR	2019 - \$350,000	\$40,000	\$10,000	\$0 \$0	\$87,500 \$0	\$457 \$50
5307 RTD0004986 5307 RTD0004982	Cape Ann Transportation Authority Cape Ann Transportation Authority	114206	ACQUIRE - MISC SUPPORT	2019 - \$40,000	\$11,296	\$2,824	\$0 \$0	\$0 \$0	\$30 \$14
								·	
5307 RTD0004887	MetroWest Regional Transit Authority	114200	ACQUISITION OF BUS SUPPORT EQUIP/FACILITIES	2019 - \$248,415	\$248,415	\$62,104	\$0	\$0	\$31
5307 RTD0004888	MetroWest Regional Transit Authority	440000	Mobility Management	2019 - \$25,000	\$25,000	\$6,250	\$0	\$0	\$3
5307 RTD0004889	MetroWest Regional Transit Authority	117C00	NON FIXED ROUTE ADA PARA SERV	2019 - \$1,300,000	\$1,300,000	\$325,000	\$0	\$0	\$1,62
5307 RTD0004890	MetroWest Regional Transit Authority	113303	TERMINAL, INTERMODAL (TRANSIT)	2019 - \$150,000	\$150,000	\$37,500	\$0	\$0	\$18
5307 RTD0006058	Massachusetts Bay Transportation Authority (MBTA)	121200	Revenue Vehicle Program		\$145,840,976	\$0	\$0	\$36,460,244	\$182,30
				Subtotal	\$147,965,687	\$443,678	\$0	\$36,547,744	\$184,95
- Fixed-Guideway Capital Inve	stment Grants								
5309 RTD0005419	Massachusetts Bay Transportation Authority (MBTA)	132303	Green Line Extension Project	2019 - \$150,000,000	\$150,000,000	\$0	\$0	\$100,000,000	\$250,00
				Subtotal	\$150,000,000	\$0	\$0	\$100,000,000	\$250,00
	s and Individuals with Disabilities			Subtotal	\$0	\$0	\$0	\$0	
·	s and Individuals with Disabilities			Subtotal Subtotal	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	
- Fixed Guideway/Bus					\$0	\$0	\$0	\$0	400.00
·	s and Individuals with Disabilities Massachusetts Bay Transportation Authority (MBTA)	122405	Bridge & Tunnel Program			\$0 \$0	\$0 \$0	·	\$90,00
- Fixed Guideway/Bus	Massachusetts Bay Transportation	122405 123402	Bridge & Tunnel Program Elevator Program		\$0	\$0	\$0	\$0	
- Fixed Guideway/Bus 5337 RTD0006059	Massachusetts Bay Transportation Authority (MBTA) Massachusetts Bay Transportation				\$72,000,000	\$0 \$0	\$0 \$0	\$18,000,000	\$12,82
- Fixed Guideway/Bus 5337 RTD0006059 5337 RTD0006060	Massachusetts Bay Transportation Authority (MBTA) Massachusetts Bay Transportation Authority (MBTA) Massachusetts Bay Transportation	123402	Elevator Program		\$0 \$72,000,000 \$10,257,312	\$0 \$0 \$0	\$0 \$0 \$0	\$0 \$18,000,000 \$2,564,328	\$12,82 \$40,00
- Fixed Guideway/Bus 5337 RTD0006059 5337 RTD0006060 5337 RTD0006061	Massachusetts Bay Transportation Authority (MBTA) Massachusetts Bay Transportation Authority (MBTA) Massachusetts Bay Transportation Authority (MBTA) Massachusetts Bay Transportation	123402 123400	Elevator Program Stations & Facilities Program		\$0 \$72,000,000 \$10,257,312 \$32,000,000	\$0 \$0 \$0 \$0	\$0 \$0 \$0 \$0	\$0 \$18,000,000 \$2,564,328 \$8,000,000	\$12,82 \$40,00 \$41,36
- Fixed Guideway/Bus 5337 RTD0006059 5337 RTD0006060 5337 RTD0006061	Massachusetts Bay Transportation Authority (MBTA) Massachusetts Bay Transportation Authority (MBTA) Massachusetts Bay Transportation Authority (MBTA) Massachusetts Bay Transportation	123402 123400	Elevator Program Stations & Facilities Program	Subtotal	\$0 \$72,000,000 \$10,257,312 \$32,000,000 \$33,090,677	\$0 \$0 \$0 \$0 \$0	\$0 \$0 \$0 \$0 \$0	\$0 \$18,000,000 \$2,564,328 \$8,000,000 \$8,272,669	\$12,8. \$40,00 \$41,30
- Fixed Guideway/Bus 5337 RTD0006059 5337 RTD0006060 5337 RTD0006061 5337 RTD0006062	Massachusetts Bay Transportation Authority (MBTA) Massachusetts Bay Transportation Authority (MBTA) Massachusetts Bay Transportation Authority (MBTA) Massachusetts Bay Transportation	123402 123400	Elevator Program Stations & Facilities Program	Subtotal	\$0 \$72,000,000 \$10,257,312 \$32,000,000 \$33,090,677	\$0 \$0 \$0 \$0 \$0	\$0 \$0 \$0 \$0 \$0	\$0 \$18,000,000 \$2,564,328 \$8,000,000 \$8,272,669	\$12,8. \$40,00 \$41,30 \$184,13
- Fixed Guideway/Bus 5337 RTD0006059 5337 RTD0006060 5337 RTD0006061 5337 RTD0006062 - Bus and Bus Facilities	Massachusetts Bay Transportation Authority (MBTA) Massachusetts Bay Transportation Authority (MBTA) Massachusetts Bay Transportation Authority (MBTA) Massachusetts Bay Transportation Authority (MBTA) Massachusetts Bay Transportation	123402 123400 124400	Elevator Program Stations & Facilities Program Systems Upgrade Program	Subtotal	\$0 \$72,000,000 \$10,257,312 \$32,000,000 \$33,090,677 \$147,347,989	\$0 \$0 \$0 \$0 \$0 \$0	\$0 \$0 \$0 \$0 \$0 \$0	\$0 \$18,000,000 \$2,564,328 \$8,000,000 \$8,272,669 \$36,836,997	\$12,8: \$40,00 \$41,36 \$184,18 \$6,94
- Fixed Guideway/Bus 5337 RTD0006059 5337 RTD0006060 5337 RTD0006061 5337 RTD0006062 - Bus and Bus Facilities	Massachusetts Bay Transportation Authority (MBTA) Massachusetts Bay Transportation Authority (MBTA) Massachusetts Bay Transportation Authority (MBTA) Massachusetts Bay Transportation Authority (MBTA) Massachusetts Bay Transportation	123402 123400 124400	Elevator Program Stations & Facilities Program Systems Upgrade Program	Subtotal	\$0 \$72,000,000 \$10,257,312 \$32,000,000 \$33,090,677 \$147,347,989 \$5,552,214	\$0 \$0 \$0 \$0 \$0 \$0	\$0 \$0 \$0 \$0 \$0 \$0 \$0	\$0 \$18,000,000 \$2,564,328 \$8,000,000 \$8,272,669 \$36,836,997 \$1,388,053	\$12,82 \$40,00 \$41,36 \$184,18 \$6,94
- Fixed Guideway/Bus 5337 RTD0006059 5337 RTD0006060 5337 RTD0006061 5337 RTD0006062 - Bus and Bus Facilities 5339 RTD0006063	Massachusetts Bay Transportation Authority (MBTA) Massachusetts Bay Transportation Authority (MBTA) Massachusetts Bay Transportation Authority (MBTA) Massachusetts Bay Transportation Authority (MBTA) Massachusetts Bay Transportation	123402 123400 124400	Elevator Program Stations & Facilities Program Systems Upgrade Program	Subtotal Subtotal Subtotal	\$0 \$72,000,000 \$10,257,312 \$32,000,000 \$33,090,677 \$147,347,989 \$5,552,214 \$5,552,214	\$0 \$0 \$0 \$0 \$0 \$0 \$0	\$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	\$0 \$18,000,000 \$2,564,328 \$8,000,000 \$8,272,669 \$36,836,997 \$1,388,053 \$1,388,053	\$12,82 \$40,00 \$41,36 \$184,18 \$6,94
- Fixed Guideway/Bus 5337 RTD0006059 5337 RTD0006060 5337 RTD0006061 5337 RTD0006062 - Bus and Bus Facilities 5339 RTD0006063	Massachusetts Bay Transportation Authority (MBTA) Massachusetts Bay Transportation Authority (MBTA) Massachusetts Bay Transportation Authority (MBTA) Massachusetts Bay Transportation Authority (MBTA) Massachusetts Bay Transportation	123402 123400 124400	Elevator Program Stations & Facilities Program Systems Upgrade Program	Subtotal Subtotal	\$0 \$72,000,000 \$10,257,312 \$32,000,000 \$33,090,677 \$147,347,989 \$5,552,214	\$0 \$0 \$0 \$0 \$0 \$0 \$0	\$0 \$0 \$0 \$0 \$0 \$0 \$0	\$0 \$18,000,000 \$2,564,328 \$8,000,000 \$8,272,669 \$36,836,997 \$1,388,053	\$12,82 \$40,00 \$41,36 \$184,18 \$6,94
- Fixed Guideway/Bus 5337 RTD0006059 5337 RTD0006060 5337 RTD0006061 5337 RTD0006062 - Bus and Bus Facilities 5339 RTD0006063	Massachusetts Bay Transportation Authority (MBTA) Massachusetts Bay Transportation Authority (MBTA) Massachusetts Bay Transportation Authority (MBTA) Massachusetts Bay Transportation Authority (MBTA) Massachusetts Bay Transportation	123402 123400 124400	Elevator Program Stations & Facilities Program Systems Upgrade Program	Subtotal Subtotal Subtotal	\$0 \$72,000,000 \$10,257,312 \$32,000,000 \$33,090,677 \$147,347,989 \$5,552,214 \$5,552,214	\$0 \$0 \$0 \$0 \$0 \$0 \$0	\$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	\$0 \$18,000,000 \$2,564,328 \$8,000,000 \$8,272,669 \$36,836,997 \$1,388,053 \$1,388,053	\$90,00 \$12,82 \$40,00 \$41,36 \$184,18 \$6,94

Funds listed under the Carry Over column are included in the Federal Amount

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Indicates a change in project cost

Indicates removed from TIP (cost not reflected in total)

Indicates a project moved in from another TIP element

Indicates a project moved out to another TIP element (cost not reflected in total)

Indicates a new addition to the TIP (action taken as denoted)

Indicates a new funding category

							Total			
Amendment/	MassDOT		Municipality	MassDOT	MassDOT	Funding	Programmed	Federal Funds	Non-Federal	Additional
Adjustment Type ▼	Project ID ▼	MPO ▼	Name ▼	Project Description ▼	District ▼	Source ▼	Funds ▼	▼	Funds ▼	Information ▼

► Section 1A / Federal Aid Target Projects

► HSIP - Highwa	y Safety	Improvement	Program
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Filon - Ingilway		Jilicitt i rogium								
	608228	Boston	Framingham	FRAMINGHAM- RECONSTRUCTION OF UNION	3	HSIP	\$ 1,509,587	\$ 1,358,628	\$ 150,959	
				AVENUE, FROM PROCTOR STREET TO MAIN STREET						STP+HSIP+TAP Total Cost = \$10,063,912
	605857	Boston	Norwood	NORWOOD- INTERSECTION IMPROVEMENTS @	5	HSIP	\$ 631,724	\$ 568,552	\$ 63,172	LICID CMAC CTD T-4-1 C4
				ROUTE 1 & UNIVERSITY AVENUE/EVERETT STREET						HSIP+CMAQ+STP Total Cost = \$6,317,236
	608347	Boston	Beverly	BEVERLY- INTERSECTION IMPROVEMENTS @ 3	4	HSIP	\$ 2,339,729	\$ 2,105,756	\$ 233,973	
				LOCATIONS: CABOT STREET (ROUTE 1A/97) @						
				DODGE STREET (ROUTE 1A), COUNTY WAY,						
				LONGMEADOW ROAD & SCOTT STREET, MCKAY						HSIP+CMAQ Total Cost = \$3,509,576
				STREET @ BALCH STREET & VETERANS MEMORIAL						
				BRIDGE (ROUTE 1A) AT RANTOUL, CABOT, WATER &						
				FRONT STREETS						
						HSIP Subtotal ▶	\$ 4,481,040	\$ 4,032,936	\$ 448,104	■ 90% Federal + 10% Non-Federal

► CMAQ - Congestion Mitigation and Air Quality Improvement Program

BNO	10001	Boston	Multiple	Community Transportation Program	N/A	CMAQ	\$ 1,750,000	\$ 1,400,000	\$ 350,000	
157	70	Boston	Multiple	GREEN LINE EXTENSION PROJECT- EXTENSION TO COLLEGE AVENUE WITH THE UNION SQUARE SPUR	N/A	CMAQ	\$ 10,000,000	\$ 8,000,000	\$ 2,000,000	AC Yr 6 of 6; Total MPO Contribution = \$190,000,000; funding flexed to FTA; match provided by local contributions; STP+CMAQ+Section 5309 (Transit)
605	5857	Boston	Norwood	NORWOOD- INTERSECTION IMPROVEMENTS @ ROUTE 1 & UNIVERSITY AVENUE/EVERETT STREET	5	CMAQ	\$ 3,000,000	\$ 2,400,000	\$ 600,000	HSIP+CMAQ+STP Total Cost = \$6,317,236
608	3347	Boston	Beverly	BEVERLY- INTERSECTION IMPROVEMENTS @ 3 LOCATIONS: CABOT STREET (ROUTE 1A/97) @ DODGE STREET (ROUTE 1A), COUNTY WAY, LONGMEADOW ROAD & SCOTT STREET, MCKAY STREET @ BALCH STREET & VETERANS MEMORIAL BRIDGE (ROUTE 1A) AT RANTOUL, CABOT, WATER & FRONT STREETS	4	CMAQ	\$ 1,169,847	\$ 935,878	\$ 233,969	HSIP+CMAQ Total Cost = \$3,509,576
					(CMAQ Subtotal ▶	\$ 15,919,847	\$ 12,735,878	\$ 3,183,969	■ 80% Federal + 20% Non-Federal

►TAP - Transportation Alternatives Program

608228	Boston	Framingham	FRAMINGHAM- RECONSTRUCTION OF UNION AVENUE, FROM PROCTOR STREET TO MAIN STREET	3	TAP	\$ 1,006,391	\$ 805,113	\$ 201,278	STP+HSIP+TAP Total Cost = \$10,063,912
606501	Boston	Holbrook	HOLBROOK- RECONSTRUCTION OF UNION STREET (ROUTE 139), FROM LINFIELD STREET TO CENTRE STREET/WATER STREET	5	TAP	\$ 289,088	\$ 231,270	\$ 57,818	TAP+STP+Earmark Total Cost = \$2,890,880
606226	Boston	Boston	BOSTON- RECONSTRUCTION OF RUTHERFORD AVENUE, FROM CITY SQUARE TO SULLIVAN SQUARE	6	TAP	\$ 2,183,253	\$ 1,746,602	\$ 436,651	Yr 2 of 5; TAP+STP+Earmarks Total Cost = \$37,411,459
			·		TAP Subtotal ▶	\$ 3,478,732	\$ 2,782,986	\$ 695,746	■ 80% Federal + 20% Non-Federal

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Indicates removed from TIP (cost not reflected in total)

Indicates a project moved in from another TIP element

Indicates a project moved out to another TIP element (cost not reflected in total)

Indicates a new addition to the TIP (action taken as denoted)

Indicates a new funding category

Amendment/ Adjustment Type ▼	MassDOT Project ID ▼	мро ▼	Municipality Name ▼	MassDOT Project Description ▼	MassDOT District ▼		Total Programmed Funds ▼	Federal Funds ▼	Non-Federal Funds ▼	Additional Information ▼
► Non-CMAQ/HSIP/T			•				1			,
ADJUSTMENT:Change Additional Information	1570	Boston	Multiple	GREEN LINE EXTENSION PROJECT- EXTENSION TO COLLEGE AVENUE WITH THE UNION SQUARE SPUR	N/A	STP	\$ 22,000,000	\$ 17,600,000	\$ 4,400,000	AC Yr 6 of 6; Total MPO Contribution = \$190,000,000; funding flexed to FTA; match provided by local contributions; STP+CMAQ+Section 5309 (Transit)
	606226	Boston	Boston	BOSTON- RECONSTRUCTION OF RUTHERFORD AVENUE, FROM CITY SQUARE TO SULLIVAN SQUARE	6	STP	\$ 19,649,276	\$ 15,719,421	\$ 3,929,855	Yr 2 of 5; TAP+STP+Earmarks Total Cost = \$37,411,459
	604996	Boston	Woburn	WOBURN- BRIDGE REPLACEMENT, W-43-017, NEW BOSTON STREET OVER MBTA	4	STP	\$ 17,784,392	\$ 14,227,514	\$ 3,556,878	
	608228	Boston	Framingham	FRAMINGHAM- RECONSTRUCTION OF UNION AVENUE, FROM PROCTOR STREET TO MAIN STREET	3	STP	\$ 7,547,934	\$ 6,038,347	\$ 1,509,587	STP+HSIP+TAP Total Cost = \$10,063,912
	605857	Boston	Norwood	NORWOOD- INTERSECTION IMPROVEMENTS @ ROUTE 1 & UNIVERSITY AVENUE/EVERETT STREET	5	STP	\$ 2,685,512	\$ 2,148,410	\$ 537,102	HSIP+CMAQ+STP Total Cost = \$6,317,236
	606501	Boston	Holbrook	HOLBROOK- RECONSTRUCTION OF UNION STREET (ROUTE 139), FROM LINFIELD STREET TO CENTRE STREET/WATER STREET	5	STP	\$ 1,074,542	\$ 859,634	\$ 214,908	TAP+STP+Earmark Total Cost = \$2,890,880
	-			Non-CMAQ/	HSIP/TAP (Other) Subtotal >	\$ 70,741,656	\$ 56 593 325	\$ 14 148 331	■ 80% Federal + 20% Non-Federal

► Section 1A / Fiscal Constraint Analysis

Total Federal Aid Target Funds Programmed ▶	\$ 94,621,275	\$	94,819,913	▼Total Target	\$	198,638	Target Funds Available
Total Non-CMAQ/HSIP/TAP (Other) Programmed ▶	\$ 70,741,656			■ Max. Non-	\$	(76,586,668)	Non-CMAQ/HSIP/TAP (Other)
				CMAQ/HSIP/TAP			Exceeds Maximum
Total HSIP Programmed ▶	\$ 4,481,040	\$	4,296,710	■ Min. HSIP	\$	(184,330)	HSIP Recommended Met
Total CMAQ Programmed ▶	\$ 15,919,847	69	10,741,776	■ Min. CMAQ	44	(5,178,071)	CMAQ Recommended Met
Total TAP Programmed ▶	\$ 3,478,732	\$	2,996,121	■ Min. TAP	\$	(482,611)	TAP Requirement Exceeded!

HSIP, CMAQ, TAP Overprogrammed \$ (5,845,012)

► Section 1B / Federal Aid Bridge Projects

▶ Statewide Systematic Maintenance Program

•		•								
	608610	Boston	NEWTON	NEWTON, BRIDGE NUMBER N-12-055: CLEAN AND PAINT STRUCTURAL STEEL	6	NHPP	\$ 2,308,000 \$	1,846,400	\$ 461,600	
			_	Statewide Bridge Mair	tenance P	rogram Subtotal ►	\$ 2,308,000 \$	1,846,400	\$ 461,600	■ 80% Federal + 20% Non-Federal

►On System

AMENDMENT:Increase Cost	604173	Boston	BOSTON	BOSTON- BRIDGE REHABILITATION, B-16-016, NORTH WASHINGTON STREET OVER THE BOSTON INNER HARBOR	6	NHPP	\$ 18,666,616	\$ 14,933,293	\$ 3,733,323	AC YR 5 of 5, YOE \$112,400,000\$144,066,616
	608009	Boston	BOXBOROUGH	BOXBOROUGH- BRIDGE REPLACEMENT, B-18-002, ROUTE 111 OVER I-495	3	NHPP	\$ 6,295,000	\$ 5,036,000	\$ 1,259,000	AC YR 2 of 2. Total Cost = 14,295,000
		•			On S	ystem Subtotal ►	\$ 24,961,616	\$ 19,969,293	\$ 4,992,323	■ 80% Federal + 20% Non-Federal

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	t Type ▼ Project ID ▼ MPO ▼ Name ▼ Project Description ▼ District ▼ Source ▼	it i iog	ıa		04/	20/2017 Aı	menamer	nt i nree i	Oraft				
			ed in total)										
				t reflected in total)									
ndicates a new a	ddition to the 1	ΓIP (action ta	aken as denoted)										
ndicates a new fu	ınding categor	у											
Amendment/ Adjustment Type ▼		MPO ▼						al grammed ds ▼	Fed	eral Funds	Non-Fed		Additional
Off-System	i roject ib v	IIII	realite 7	i rojest bescription v	District 7	Course v	ı aıı	u5 1	•		T dilus Y		mornation v
On-System	608637	Boston	MAYNARD				'	1,646,620	\$	1,317,296	\$	329,324	
					Off-S	System Subtotal >	\$	1,646,620	\$	1,317,296	\$	329,324	■ 80% Federal + 20% Non-Federal
Statewide Bridge Ins	spection Program	_											
				No Projects Programmed			\$	-	\$	-	\$	-	
				No Projects Programmed			\$	-	\$	-	\$	-	
			<u>'</u>	Statewide Bridge	Inspection Pr	ogram Subtotal 🕨	\$	-	\$	-	\$	-	■ 80% Federal + 20% Non-Federal
	606501	Boston	Holbrook	HOLBROOK- RECONSTRUCTION OF UNION STREET (ROUTE 139), FROM LINFIELD STREET TO CENTRE	5	HPP	\$	1,527,250	\$	1,221,800	\$	305,450	Construction; TAP+STP+Earmark (MA177 Cost = \$2,890,880
	606226	Boston	Boston	(ROUTE 139), FROM LINFIELD STREET TO CENTRE STREET/WATER STREET BOSTON- RECONSTRUCTION OF RUTHERFORD	5	HPP	\$	1,527,250		1,221,800		25,394	Cost = \$2,890,880 Construction; (MA183); Yr 2 of 5;
				AVENUE, FROM CITY SQUARE TO SULLIVAN SQUARE	6								TAP+STP+Earmarks Total Cost = \$37,41
	606226	Boston	Boston	BOSTON- RECONSTRUCTION OF RUTHERFORD AVENUE, FROM CITY SQUARE TO SULLIVAN SQUARE	6	HPP	\$	8,451,960	\$	6,761,568	\$	1,690,392	Construction; (MA210); Yr 2 of 5; TAP+STP+Earmarks Total Cost = \$37,411
			I		Other Fede	ral Aid Subtotal ▶	\$	10,106,180	\$	8,084,944	\$	2,021,236	◀ Funding Split Varies by Funding Source
Section 1D / Fede	ral Aid Major & :	State Category	y Projects										
	·												
Danianal Mai : 1				No Desirate Deservated	1		\$	-	\$	-	\$	-	
Regional Major In	il astructure			No Projects Programmed									
Regional Major In	inastructure			No Projects Programmed No Projects Programmed			\$	-	\$	-	\$	-	
Regional Major In	nasu ucture			No Projects Programmed	Major Infrastr	ucture Subtotal ►		-			\$		■ 80% Federal + 20% Non-Federal
•		lity Act Imples	nontation Plan	No Projects Programmed	Major Infrastr	ucture Subtotal ►							■ 80% Federal + 20% Non-Federal
Regional Major In		lity Act Implen	nentation Plan	No Projects Programmed	Major Infrastr	ucture Subtotal ▶							■ 80% Federal + 20% Non-Federal
•		lity Act Implen	nentation Plan	No Projects Programmed Regional	Major Infrastr	ucture Subtotal ►	\$	-	\$	-	\$	-	■ 80% Federal + 20% Non-Federal

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Indicates a change in project cost Indicates removed from TIP (cost not reflected in total) Indicates a project moved in from another TIP element Indicates a project moved out to another TIP element (cost not reflected in total) Indicates a new addition to the TIP (action taken as denoted) Indicates a new funding category Amendment/ MassDOT Municipality MassDOT MassDOT Funding Programmed Non-Federal Additional Federal Funds Adjustment Type ▼ Project ID ▼ MPO ▼ Name ▼ Project Description ▼ District ▼ Source ▼ Funds ▼ Funds ▼ Information ▼ ► Statewide Congestion Mitigation and Air Quality DEDHAM DEDHAM- PEDESTRIAN IMPROVEMENTS ALONG ELM 607901 Boston 6 CMAQ \$ 2,581,113 \$ 2,064,891 \$ 516,223 STREET & RUSTCRAFT ROAD CORRIDORS 516,223 ◀ 80% Federal + 20% Non-Federal Statewide CMAQ Subtotal ► \$ 2,581,113 \$ 2,064,891 \$ ► Statewide HSIP Program No Projects Programmed \$ \$ No Projects Programmed \$ -Statewide HSIP Program Subtotal ▶ \$ - ■ 90% Federal + 10% Non-Federal ► Statewide Infrastructure Program MULTIPLE HOPKINTON- WESTBOROUGH- RECONSTRUCTION AC YEAR 2 OF 5, \$269M total cost, \$161,4M 607977 Boston 3 NHPP \$ 37.500.000 \$ 30.000.000 \$ 7.500.000 OF I-90/I-495 INTERCHANGE TFPC, 107,6M NFA, No Projects Programmed Statewide Infrastructure Program Subtotal ▶ \$ 37,500,000 \$ 30,000,000 \$ 7.500.000 ◀ 80% Federal + 20% Non-Federal ► Statewide Interstate Maintenance Program MULTIPLE FOXBOROUGH- PLAINVILLE- WRENTHAM- FRANKLIN-NHPP \$ 26,680,000 | \$ 24,012,000 | \$ 2.668.000 608210 INTERSTATE MAINTENANCE & RELATED WORK ON I-Statewide Interstate Maintenance Program Subtotal ▶ \$ 26,680,000 \$ 24,012,000 \$ 2,668,000 ◀ 90% Federal + 10% Non-Federal ▶ Statewide Intelligent Transportation Systems No Projects Programmed \$ No Projects Programmed \$ Statewide ITS Subtotal ▶ \$ - ■ 80% Federal + 20% Non-Federal ► Statewide National Freight Program No Projects Programmed \$ No Projects Programmed \$ \$ ■ 80% Federal + 20% Non-Federal Statewide National Freight Program Subtotal ▶ \$ ► Statewide National Highway System Preservation Program 608484 MULTIPLE CANTON- MILTON- RESURFACING AND RELATED NHPP \$ 13,766,880 | \$ 11,013,504 | \$ 2,753,376 Boston WORK ON ROUTE 138 608476 Boston SOUTHBOROUG SOUTHBOROUGH- RESURFACING AND RELATED \$ 2,784,000 \$ 2,227,200 \$ 556,800 WORK ON ROUTE 30

Statewide NHS Preservation Program Subtotal ▶ \$ 16,550,880 \$ 13,240,704 \$

3,310,176 ◀ 80% Federal + 20% Non-Federal

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Funding Split Varies by Funding Source

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Indicates a change	e in project cos	st		•	-						
Indicates removed	from TIP (cos	t not reflected	l in total)								
Indicates a project	moved in fron	n another TIP	element								
Indicates a project	moved out to	another TIP e	element (cost not r	eflected in total)							
Indicates a new ad	ddition to the T	TP (action take	en as denoted)								
Indicates a new fur	nding category	/									
Amendment/	MassDOT	мро ▼	Municipality	MassDOT		MassDOT	Funding	Total Programmed	Federal Funds	Non-Federal	Additional
Adjustment Type ▼ ► Section 2A / Non-F			Name ▼	Project Description ▼		District ▼	Source ¥	Funds ▼	, v	Funds ▼	Information ▼
► Non Federal Aid	1			No Projects Programmed							
				no Projects Programmed		Non-Fede	ral Aid Subtotal▶	\$ -		\$ -	■100% Non-Federal
► Section 2B / Non-F	Federal Bridge P	rojects									
► Section 2B / Non-F	ederal Bridge P	rojects									
				No Projects Programmed			NFA	\$ -		\$ -	
				No Projects Programmed			NFA	\$ -		\$ -	
					Section 2B / Non-Fede	eral Bridge P	rojects Subtotal▶	\$ -		\$ -	■100% Non-Federal
2021 Bo	ston F	Region	MPO T	IP Summary				TIP Section 1: ▼	▼	Total of All Projects ▼	
							Total >	\$ 216 055 684	Φ _	\$ 216 055 684	■ Total Spending in Region

701 CMR 7.00 Use of Road Flaggers and Police Details on Public Works Projects / 701 CMR 7.00 (the Regulation) was promulgated and became law on October 3, 2008. Under this Regulation, the CMR is applicable to any Public works Project that is performed within the limits of, or that impact traffic on, any Public Road. The Municipal Limitation referenced in this Regulation is applicable only to projects must be considered and implemented in accordance with 701 CMR 7.00 and the Road Flagger and Police Detail Guidelines. By placing a project on the TIP, the Municipality acknowledges that 701 CMR 7.00 is applicable to its project and design and construction will be fully compliant with this Regulation. This information, and additional information relative to guidance and implementation of the Regulation can be found at the following link on the MassDOT Highway Division website: http://www.massdot.state.ma.us/Highway/flaggers/main.aspx

Federal Funds ▶ \$ 176,680,651

Non-Federal Funds ▶ \$ 40,275,033 \$

176,680,651 ◀ Total Federal Spending in Region

40,275,033 ◀ Total Non-Federal Spending in Region

FFYs 2017–2021 Transportation Improvement Program (TIP) Transit Project List (FFY 2021)

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E-T.A. D.	and the second second		FTA Activity		Carryover	ed ale d	Crate Foods	TD 6	to the sale	T
	rogram Project Number banized Area Formula Gra		Line Item	Project Description	(unobligated)	Federal Funds	State Funds	TDC	Local Funds	Total Cost
55U7 - UI	5307 RTD0004984	Cape Ann Transportation Authority	117A00	PREVENTIVE MAINTENANCE	2020 - \$350,000	\$350,000	\$87,500	\$0	\$0	\$437,50
	5307 RTD0004984 5307 RTD0004985	Cape Ann Transportation Authority	114206	ACQUIRE - SHOP EQ/COMP/SFTWR	2020 - \$330,000	\$40,000	\$10,000	\$0 \$0	\$0 \$0	\$437,30 \$50,00
	3307 KTD0004383	MetroWest Regional Transit	114200	ACQUIRE - SHOP EQ/COMP/SH TWR	2020 - 340,000	540,000	\$10,000	ŞŪ	30	\$30,00
	5307 RTD0005162	Authority	117C00	NON FIXED ROUTE ADA PARA SERV	\$1,300,000	\$1,300,000	\$325,000	\$0	\$0	\$1,625,00
	3307 K1D0003102	MetroWest Regional Transit	117000	NON TIXED ROOTE ADA FARA SERV	71,300,000	\$1,300,000	\$323,000	ŞŪ	30	71,023,00
	5307 RTD0005164	Authority	113403	TERMINAL, INTERMODAL (TRANSIT)	2020 - \$150,000	\$150,000	\$37,500	\$0	\$0	\$187,50
	3307 KTD0003104	MetroWest Regional Transit	113403	ACQUISITION OF BUS SUPPORT	2020 - \$130,000	\$150,000	\$37,500	ŞÜ	30	7107,30
	5307 RTD0005165	Authority	114200	EQUIP/FACILITIES	2020 - \$248,415	\$248,415	\$62,104	\$0	\$0	\$310,51
	3307 KID0003103	Massachusetts Bay Transportation	114200	EQUIP/PACIEITIES	2020 - 3246,413	3240,413	302,104	ŞU	ŞU	\$310,31
	5307 RTD0006064	Authority (MBTA)	121200	Revenue Vehicle Program		\$81,888,983	\$0	\$0	\$20,472,246	\$102,361,22
	3307 KTD0000004	Authority (MBTA)	121200	Reveilue Veilicle Program	Subtotal	\$83,977,398	\$522,104	\$0	\$20,472,246	\$102,301,22
E200 Eix	ced-Guideway Capital Inv	ostmant Grants			Subtotal	Ç03,377,330	- - - - - - - - - -	, , , , , , , , , , , , , , , , , , , 	720,472,240	7104,571,74
33U3 - FIX	Red-Guideway Capital Inv	Massachusetts Bay Transportation								
	5309 RTD0005420	Authority (MBTA)	132303	Green Line Extension Project		\$150,000,000	\$0	\$0	\$100,000,000	\$250,000,00
	3309 KTD0003420	Authority (MBTA)	132303	Green Line Extension Project	Subtotal	\$150,000,000	\$0	\$0	\$100,000,000	\$250,000,00
F210 Fm	hansad Mahility of Cania	rs and Individuals with Disabilities			Jubiotai	7130,000,000	70	70	7100,000,000	7230,000,00
2210 - EII	manced Mobility of Senio	rs and individuals with Disabilities			Subtotal	\$0	\$0	\$0	\$0	\$
5311					Subtotal	\$0	\$0	\$0	\$0	\$
5337 - Fix	red Guideway Capital Inve	estment Grants								
		Massachusetts Bay Transportation								
	5337 RTD0006065	Authority (MBTA)	122405	Bridge & Tunnel Program		\$22,770,111	\$0	\$0	\$5,692,528	\$28,462,63
		Massachusetts Bay Transportation				, , -,	, -		1-7 7-	, ,, , , , ,
	5337 RTD0006066	Authority (MBTA)	123402	Elevator Program		\$21,454,327	\$0	\$0	\$5,363,582	\$26,817,90
		Massachusetts Bay Transportation				, , - ,-	, -		1-77-	, .,. ,
	5337 RTD0006067	Authority (MBTA)	123400	Stations & Facilities Program		\$16,854,844	\$0	\$0	\$4,213,711	\$21,068,55
		, (,			Subtotal	\$61,079,282	\$0	\$0	\$15,269,821	\$76,349,10
5339 - Bu	is and Bus Facilities									. , . , . ,
- 		Massachusetts Bay Transportation								
	5339 RTD0006068	Authority (MBTA)	111400	Bus Program		\$986,627	\$0	\$0	\$246,657	\$1,233,28
	233320000000		111.00		Subtotal	\$986,627	\$0	\$0	\$246,657	\$1,233,28
5320						, ,	-		, ,,,,,,	. , 55,25
3320					Subtotal	\$0	\$0	\$0	\$0	Ş
Other Fee	deral				Subtotal	ćo	ćn	ć٥	ćo	Ş
	- 1 1				Subtotal	\$0	\$0	\$0	\$0	,
Other No	on-Federal				Subtotal	\$0	\$0	\$0	\$0	•
					Total	\$296.043.307	\$522,104	\$0	\$135,988,724	\$432,554,13
					· Otal	φ 2 50,045,507	7322,104	ΨŪ	Q100,000,724	Ψ-132,33 -1 ,13

Funds listed under the Carry Over column are included in the Federal Amount