2016 Boston	n Region MPC	Transportation Improvement Program				07/30/2015 Endo 07/28/2016 Actio		e; 08/18/2016 Adjustment
					Total			
Amendment/	MassDOT	MassDOT	MassDOT	Funding	Programmed	Federal Funds	Non-Federal	Additional
Adjustment Type ▼	Project ID ▼	Project Description ▼	District ▼	Source ▼	Funds ▼	▼	Funds ▼	Information ▼

► Section 1A / Federal Aid Target Projects

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

► HSIP - Highway Safety Improvement Program

► HSIP - Highway Sat	fety Improve	ment Program							
	607409	LEXINGTON- RECONSTRUCTION ON MASSACHUSETTS AVENUE, FROM MARRETT ROAD TO PLEASANT STREET	4	HSIP	\$	2,600,000	\$ 2,340,000	\$ 260,000	TAP+HSIP Total Cost = \$5,200,000
AMENDMENT:Change Additional Information	601630	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	HSIP	\$	1,000,000	\$ 900,000	\$ 100,000	AC Yr 1 of 4; STP+HSIP+TEA-21 Earmark (MA1236)+BR Total Cost = \$81,812,268
		,		HSIP Subtotal	\$	3,600,000	\$ 3,240,000	\$ 360,000	■ 90% Federal + 10% Non-Federal

► CMAQ - Congestion Mitigation and Air Quality Improvement Program

	605721	WEYMOUTH- INTERSECTION IMPROVEMENTS @ MIDDLE STREET, LIBBEY INDUSTRIAL PARKWAY AND TARA DRIVE	6	CMAQ	\$ 937,326	\$ 749,861	\$ 187,465	
Adjustment: Change Project Description	606117	BOSTON - TRAFFIC SIGNAL IMPROVEMENTS AT 40-9 LOCATIONS	6	CMAQ	\$ 1,000,000	\$ 800,000	\$ 200,000	CMAQ+STP Total Cost = \$4,654,920
	1570	GREEN LINE EXTENSION PROJECT- EXTENSION TO COLLEGE AVENUE WITH THE UNION SQUARE SPUR	N/A	CMAQ	\$ 8,100,000	\$ 6,480,000	\$ 1,620,000	funding flexed to FTA; match provided by local contributions; additional funding programmed for GLX in FFY 2016 (other funds under Transit - Section 5309)
AMENDMENT:Change Additional Information	604652	STONEHAM- WINCHESTER- WOBURN- TRI- COMMUNITY BIKEWAY INCLUDING NEW BRIDGE, W-43-029, OVER THE ABERJONA RIVER	4	CMAQ	\$ 5,429,110	\$ 4,343,288	\$ 1,085,822	CMAQ+Earmark Total Cost = \$6,430,585
	-			CMAQ Subtotal ▶	\$ 15,466,436	\$ 12,373,149	\$ 3,093,287	■ 80% Federal + 20% Non-Federal

► TAP - Transportation Alternatives Program

First - Hallsportation Atternatives	o i rogiam						
607409	LEXINGTON- RECONSTRUCTION ON	4	TAP	\$ 2,600,000	\$ 2,080,000	\$ 520,000	
	MASSACHUSETTS AVENUE, FROM MARRETT ROAD TO PLEASANT STREET						TAP+HSIP Total Cost = \$5,200,000
			TAP Subtotal ▶	\$ 2,600,000	\$ 2,080,000	\$ 520,000	■ 80% Federal + 20% Non-Federal

2016 Boston	n Region MP	O Transportation Improvement Program				07/30/2015 End 07/28/2016 Acti		e; 08/18/2016 Adjustment
Amendment/ Adjustment Type ▼	MassDOT Project ID ▼	MassDOT Project Description ▼	MassDOT District ▼	Funding Source ▼	Total Programmed Funds ▼	Federal Funds ▼		Additional Information ▼
► Non-CMAQ/HSIP/T/	AP (Other)							
AMENDMENT:Decrease Cost	29492	BEDFORD- BILLERICA- BURLINGTON- MIDDLESEX TURNPIKE IMPROVEMENTS, FROM CROSBY DRIVE NORTH TO MANNING ROAD, INCLUDES RECONSTRUCTION OF B-04-006 (PHASE III)	4	STP	\$ 12,589,881	\$ 10,071,905	\$ 2,517,976	STP decrease of \$9,101,561; AC Yr 1 of 2; STP+NHPP+TAP+Earmark+Statewide Infrastructure+Northern Middlesex Council of Governments contribution (\$1,000,000) Total Cost = \$36,735,048
AMENDMENT:Add Funding Source	29492	BEDFORD- BILLERICA- BURLINGTON- MIDDLESEX TURNPIKE IMPROVEMENTS, FROM CROSBY DRIVE NORTH TO MANNING ROAD, INCLUDES RECONSTRUCTION OF B-04-006 (PHASE III)	4	NHPP	\$ 9,101,561	\$ 7,281,249	\$ 1,820,312	NHPP addition of \$9,101,561; AC Yr 1 of 2; STP+NHPP+TAP+Earmark+Statewide Infrastructure+Northern Middlesex Council of Governments contribution (\$1,000,000) Tota Cost = \$36,735,048
AMENDMENT:Change Additional Information	601630	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	\$ 3,800,000	\$ 3,040,000	\$ 760,000	AC Yr 1 of 4; STP+HSIP+TEA-21 Earmark (MA1236)+BR Total Cost = \$81,812,268
	606117	BOSTON - TRAFFIC SIGNAL IMPROVEMENTS AT 10 LOCATIONS	6	STP	\$ 3,654,920	\$ 2,923,936	\$ 730,984	CMAQ+STP Total Cost = \$4,654,920
	603711	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	\$ 24,197,023	\$ 19,357,618	\$ 4,839,405	AC Yr 3 of 5; NHPP+BR+Statewide Infrastructure Total Cost = \$164,919,140 (\$50,725,206 programmed within FFYs 2016-2 TIP)

► Section 1A / Fiscal Constraint Analysis

Total Federal Aid Target Funds Programmed ▶	\$ 75,009,821	\$ 75,009,821	⋖ Total Target	\$ -	Target Funds Available
Total Non-CMAQ/HSIP/TAP (Other) Programmed ▶	\$ 53,343,385	\$ 52,188,453	■ Max. Non-	\$ (1,154,932)	Non-CMAQ/HSIP/TAP (Other)
			CMAQ/HSIP/TAP		Exceeds Maximum
Total HSIP Programmed ▶	\$ 3,600,000	\$ 4,296,710	■ Min. HSIP	\$ 696,710	HSIP Minimum Not Met
Total CMAQ Programmed ►	\$ 15,466,436	\$ 13,427,220	✓ Min. CMAQ	\$ (2,039,216)	CMAQ Minimum Met
Total TAP Programmed ►	\$ 2,600,000	\$ 5,097,438	■ Min. TAP	\$ 2,497,438	TAP Minimum Not Met

Remaining HSIP, CMAQ, and TAP Funds \$ 1,154,932

► Section 1B / Federal Aid Bridge Projects

► Statewide Bridge Maintenance Program

	607498	QUINCY- BRIDGE MAINTENANCE OF Q-01-051 ON ROUTE 3	6	NHPP	\$ 1,882,958	\$ 1,506,366	\$ 376,592	
AMENDMENT:Add Project	608538	MARLBOROUGH- BRIDGE PRESERVATION, M-06- 009, US 20 (OLD BOSTON ROAD) OVER I-495 (NB & SB)	3	NHPP	\$ 1,569,659	\$ 1,255,727	\$ 313,932	new addition
		Statewide Bridge Main	tenance P	rogram Subtotal ►	\$ 3,452,617	\$ 2,762,094	\$ 690,523	■ 80% Federal + 20% Non-Federal

ZUID Bosto	n Region MP	O Transportation Improvement Program						30/2015 Endo 28/2016 Actio		mendment Fiv	e; 08/18/2016 Adjustment
Amendment/ Adjustment Type ▼	MassDOT Project ID ▼	MassDOT Project Description ▼	MassDOT District ▼	Funding Source ▼	Tota Prog Fund	grammed	Fed	deral Funds	Non- Fund	Federal s ▼	Additional Information ▼
►On System											
on eyelem	603008	WOBURN- BRIDGE REPLACEMENT, W-43-003, SALEM STREET OVER MBTA	4	NHPP	\$	7,089,200	\$	5,671,360	\$	1,417,840	
	607685	BRAINTREE- BRIDGE REHABILITATION, B-21-060 AND B-21-061, ST 3 (SB) AND ST 3 (NB) OVER RAMP C (QUINCY ADAMS)	6	NHPP	\$	9,403,329	\$	7,522,663	\$	1,880,666	adjustment to reflect cost decrease of \$2,504,671; was \$11,908,000
	606553	HANOVER- NORWELL- SUPERSTRUCTURE REPLACEMENT, H-06-010, ST 3 OVER ST 123 (WEBSTER STREET) & N-24-003, ST 3 OVER ST 123 (HIGH STREET)	6	NHPP	\$ 2	29,000,000	\$	23,200,000	\$	5,800,000	AC Yr 1 of 2: Total Cost =\$41,955,600
AMENDMENT:Increase Cost	600867	BOSTON- BRIDGE REHABILITATION, B-16-237, MASSACHUSETTS AVENUE (ROUTE 2A) OVER COMMONWEALTH AVENUE	6	NHPP	\$	10,059,618	\$	8,047,695	\$	2,011,924	cost increase of \$1,509,870; was \$8,549,748
			On S	ystem Subtotal ►	\$:	55,552,147	\$	44,441,718	\$	11,110,429	■ 80% Federal + 20% Non-Federal
► Off-System											
	607345	COHASSET- SUPERSTRUCTURE REPLACEMENT & SUBSTRUCTURE REHABILITATION, C-17-002, ATLANTIC AVENUE OVER LITTLE HARBOR INLET	5	STP-BR-OFF	\$	4,336,600	\$	3,469,280	\$	867,320	
			Off-S	system Subtotal ►	\$	4,336,600	\$	3,469,280	\$	867,320	■ 80% Federal + 20% Non-Federal
► Statewide Bridge Ins	spection Program	1									
		No Projects Programmed			\$	-	\$	-	\$	-	
		Statewide Bridge In	spection Pr	ogram Subtotal ▶	\$	-	\$	-	\$	-	■ 80% Federal + 20% Non-Federal
► Section 1C / Feder	al Aid Non-Targ										
		et Projects									
► Other Federal Aid											
► Other Federal Aid AMENDMENT: Change Additional Information	601630	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 (1998)	\$	8,600,000	\$	6,880,000	\$	1,720,000	AC Yr 1 of 4; STP+HSIP+TEA-21 Earmark (MA1236)+BR Total Cost = \$81,812,268
AMENDMENT:Change	601630 1729	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	6	HPP (1998)	\$	8,600,000		6,880,000 87,260		1,720,000 21,815	(MA1236)+BR Total Cost = \$81,812,268 FBD Grant (Pre-MAP-21 23 U.S.C 147); Tota Cost = \$109,075; Equipment Expenses Only
AMENDMENT:Change Additional Information		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)		, ,	Ť		\$		\$		(MA1236)+BR Total Cost = \$81,812,268 FBD Grant (Pre-MAP-21 23 U.S.C 147); Total Cost = \$109,075; Equipment Expenses Only Local match provided by Town of Winthrop
AMENDMENT:Change	1729	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) WINTHROP- COMMUTER FERRY TO BOSTON STONEHAM- WINCHESTER- WOBURN- TRICOMMUNITY BIKEWAY INCLUDING NEW BRIDGE,	6	HPP	\$	1,001,475	\$	87,260	\$	21,815 200,295	FBD Grant (Pre-MAP-21 23 U.S.C 147); Tota Cost = \$109,075; Equipment Expenses Only Local match provided by Town of Winthrop Repurposed SAFETEA-LU earmark (MA110)

2016 Bosto	n Region MP	O Transportation Improvement Program				07/30/2015 Endo		re; 08/18/2016 Adjustment
Amendment/	MassDOT	MassDOT	MassDOT	Funding	Total Programmed	Federal Funds	Non-Federal	Additional
Adjustment Type ▼	Project ID ▼	Project Description ▼	District ▼	Source ▼	Funds ▼	▼	Funds ▼	Information ▼

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

► Statewide Infrastructure Program

	603917	MEDFORD- STONEHAM- WOBURN- READING- HIGHWAY LIGHTING REHABILITATION ON I-93 (PHASE II)	4	STP	\$ 15,000,000	\$ 12,000,000	\$ 3,000,000	AC Year 1 of 2; Total Cost = \$17,500,000
AMENDMENT:Increase Cost	605733	BOSTON DISTRICT 6- HIGHWAY LIGHTING SYSTEM REPLACEMENT ON I-93, FROM SOUTHAMPTON STREET TO NEPONSET AVENUE IN BOSTON	6	STP	\$ 3,460,814	\$ 2,768,651	\$ 692,163	programming increase of \$960,814 in FFY 2016 was \$2,500,000 in FFY 2016AC Year 1 of 3; Total Cost = \$8,250,000
AMENDMENT:Add Project	606146	CANTON- NORWOOD- WESTWOOD- DEDHAM STREET/I-95 INTERCHANGE RECONSTRUCTION INCLUDING REHABILITATION/REPLACEMENT OF 5 BRIDGES	6	STP	\$ 1,303,676	\$ 1,042,941	\$ 260,735	new addition to FFY 2016; NHPP+Bridge+State Infrastructure+State CMAQ = \$16.8 million in FFY 2016; project advertised for \$52 million in FFY 2015
		Statewide Infras	tructure P	rogram Subtotal ▶	\$ 19,764,490	\$ 15,811,592	\$ 3,952,898	■ 80% Federal + 20% Non-Federal

► Statewide HSIP Program

	607755	WEYMOUTH- INTERSECTION & SIGNAL	6	HSIP	\$ 1,100,000	\$ 990,000	\$ 110,000		
		IMPROVEMENTS AT 2 LOCATIONS: SR 53							
		(WASHINGTON STREET) AT MUTTON LANE &							
		PLEASANT STREET							
		Statewide F	HSIP Pr	ogram Subtotal ►	\$ 1,100,000	\$ 990,000	\$ 110,000	◀ 90% Federal + 10% Non-Federal	

► Statewide Safe Routes to Schools Program

607997	SAUGUS - SAFE ROUTES TO SCHOOL (VETERANS	4	TAP	\$ 662,612	\$ 530,090	\$ 132,522	
	MEMORIAL)					80%	% Federal + 20% Non-Federal
607998	EVERETT - SAFE ROUTES TO SCHOOL	4	TAP	\$ 602,608	\$ 482,086	\$ 120,522	
	(MADELAINE ENGLISH)					80%	% Federal + 20% Non-Federal
607999	REVERE - SAFE ROUTES TO SCHOOL (GARFIELD	4	TAP	\$ 874,113	\$ 699,290	\$ 174,823	
	ELEMENTARY & MIDDLE SCHOOL)					80%	% Federal + 20% Non-Federal
608000	BEDFORD - SAFE ROUTES TO SCHOOL (JOHN	4	TAP	\$ 780,000	\$ 624,000	\$ 156,000	
	GLENN MIDDLE)					80%	% Federal + 20% Non-Federal
	Statewide Safe Routes to S	Schools I	 Program Subtotal ▶	\$ 2.919.333	\$ 2.335.466	\$ 583 867 ◀ F	Funding Split Varies by Funding Source

Amendment/ Adjustment Type ▼ MassDOT Project ID ▼ Project Description ▼ MassDOT District ▼ District ▼ Project ID ▼ Project Description ▼ Project Description ▼ Project Description ▼ Project Description ▼ Additional Information ▼ Additional Information ▼ Information ▼ Additional Information ▼ Inf	2016 Boston	n Region MP	O Transportation Improvement Program						30/2015 Endo 28/2016 Actio		ve; 08/18/2016 Adjustment
MAPLAND-SIGNAL A INTERSECTION SOMAQ \$ 2,425,710 \$ 1,940,560 \$ 465,142	Amendment/	MassDOT	MassDOT		_	Pro	grammed		deral Funds		
MINTOURISMENTS AT ROUTE 27 (MAIN STREET) AND ROUTE 30 (COMMONE ALTH ROLD)	Statewide CMAQ										
CONSTRUCTION, FROM COMMONWEALTH AVENUE TO POWER MILE ROAD, INCLUDES 2 RAILROAD BRIDGES & 1 CULVERT (PHASE II-C)		601579	IMPROVEMENTS AT ROUTE 27 (MAIN STREET) AND		CMAQ	\$	2,425,710	\$	1,940,568	\$ 485,142	
REHABILITATION, 8-27-016, OVER MBTA OFF CARLTON STREET CARLTON STREET CARLTON STREET CARLTON STREET CARLTON STREET CARLTON STREET CONTROL ON ROUTE 9 (MORCESTER ROAD) CANTON-NORWOOD-WESTWOOD-DEDHAM STREETI-95 INTERCHANGE RECONSTRUCTION CONTROL ON ROUTE 9 (MORCESTER ROAD) S. 5.085.582 S. 4.088,466 S. 1.017.161 Region MPO TIP; one of the locations into for Adaptive Signal Controls CARLTON-NORWOOD-WESTWOOD-DEDHAM STREETI-95 INTERCHANGE RECONSTRUCTION CONTROL CARLTON-NORWOOD-WESTWOOD-DEDHAM STREETI-95 INTERCHANGE RECONSTRUCTION CARLTON-NORWOOD-WESTWOOD-DEDHAM CARLTON-NORWOOD-WESTWOOD-POORMOOD-WESTWOOD-POORMOOD-WESTWOOD-POORMOOD-WESTWOOD-POORMOOD-WESTWOOD-POORMOOD-WESTWOOD-POORMOOD-WESTWOOD-POORMOOD-WESTWOOD-POORMOOD-WESTWOOD-POORMOOD-WESTWOOD-POORMOOD-WESTWOOD-POORMOOD-WE		605189	CONSTRUCTION, FROM COMMONWEALTH AVENUE TO POWDER MILL ROAD, INCLUDES 2	4	CMAQ	\$	9,222,654	\$	7,378,123	\$ 1,844,531	cost increase of \$2,640,869 (total cost increase
FRAMINGHAM-INATICK - ADAPTIVE SIGNAL CONTROL OR OUTS 9 (WORKESTER ROAD) 3 CMAQ \$ 711,065 \$ 668,862 \$ 142,713 adjustment to reflect new addition to Floor CONTROL ON ROUTE 9 (WORKESTER ROAD) 6 CMAQ \$ 5,085,582 \$ 4,068,466 \$ 1,017,165 new addition to Fire 7 Adaptive Signal Controls for region MPO TIPE 72016; Projection onew addition to Fire 72016; Projection (Project Intrastructure-State CMAQ \$ 5,085,582 \$ 4,068,466 \$ 1,017,165 new addition to Fire 72016; Projection (Project Intrastructure-State CMAQ \$ 5,085,582 \$ 4,068,466 \$ 1,017,165 new addition to Fire 72016; Projection (Project Intrastructure-State CMAQ \$ 5,085,582 \$ 4,068,466 \$ 1,017,165 new addition to Fire 72016; Projection (Project Intrastructure-State CMAQ \$ 5,085,582 \$ 4,068,466 \$ 1,017,165 new addition to Fire 72016; Projection (Project Intrastructure-State CMAQ \$ 5,085,582 \$ 4,068,466 \$ 1,017,165 new addition to Fire 72016; Projection (Project Intrastructure-State CMAQ \$ 5,085,582 \$ 4,068,466 \$ 1,017,165 new addition to Fire 72016; Projection (Project Intrastructure-State CMAQ \$ 5,085,582 \$ 4,068,466 \$ 1,017,165 new addition to Fire 72016; Projection (Projection Form) (Projection From 12016) \$ 5 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		606316	REHABILITATION, B-27-016, OVER MBTA OFF	6	CMAQ	\$	2,846,700	\$	2,277,360	\$ 569,340	
Infrastructure-State CMAQ = \$1.62.8 million Infrastructure-State CMAQ = \$1.62.3.369 \$1.05.3.36		608281	FRAMINGHAM- NATICK- ADAPTIVE SIGNAL	3	CMAQ	\$	711,065	\$	568,852	\$ 142,213	Region MPO TIP; one of the locations identified
Statewide Transportation Enhancements No Projects Programmed Statewide Transportation Enhancements Subtotal S	MENDMENT:Add	606146	STREET/I-95 INTERCHANGE RECONSTRUCTION INCLUDING REHABILITATION/REPLACEMENT OF 5	6	CMAQ	\$	5,085,582	\$	4,068,466	\$ 1,017,116	Infrastructure+State CMAQ = \$16.8 million i FFY 2016; project advertised for \$52 million
No Projects Programmed \$. \$. \$. \$. \$. \$. \$. \$. \$. \$				St	atewide CMAQ ►	\$	20,291,711	\$	16,233,369	\$ 4,058,342	■ 80% Federal + 20% Non-Federal
Statewide Transportation Enhancements Subtotal	Statewide Transpo	rtation Enhance	ements								
No Projects Programmed Statewide ITS Subtotal S			, ,				-		-	-	
No Projects Programmed	044444444		Statewide Transportati	on Enhance	ements Subtotal ►	\$	-	\$	-	-	■ 80% Federal + 20% Non-Federal
Statewide ITS Subtotal Statewide ITS Subt	> Statewide 115		No Projects Programmed			\$				_	
No Projects Programmed \$ - - -			THE Projection regrammed	Statewic	de ITS Subtotal ▶		-	\$	-	\$ -	◀ 80% Federal + 20% Non-Federal
Statewide Interstate Maintenance Program Subtotal ▶ \$ - \$ - \$ - ■ 90% Federal + 10% Non-Federal **Statewide NHS Preservation Program+ MENDMENT:Increase 608180 WELLESLEY- RESURFACING ON ROUTE 9, FROM LIMIT OF ADD-A-LANE TO EAST OF OVERBROOK INTERSECTION WORK ON ROUTE 9, FROM 1 NTERSECTION WORK ON ROUTE 9, FROM THE FRAMINGHAM T.L. TO WHITE BAGLEY ROAD Statewide NHS Preservation Program Subtotal ▶ \$ 1,904,659 \$ 3,923,727 \$ 980,932 cost increase of \$1,623,843; was \$7,327,800	Statewide Interstate	e Maintenance									
Statewide NHS Preservation Program+ MENDMENT: Increase lost WELLESLEY- RESURFACING ON ROUTE 9, FROM LIMIT OF ADD-A-LANE TO EAST OF OVERBROOK INTERSECTION 6 NHPP \$ 8,951,643 \$ 7,161,314 \$ 1,790,329 cost increase of \$1,623,843; was \$7,327,800 limit of ADD-A-LANE TO EAST OF OVERBROOK INTERSECTION MENDMENT: Increase lost 607488 SOUTHBOROUGH- RESURFACING & RELATED WORK ON ROUTE 9, FROM THE FRAMINGHAM T.L TO WHITE BAGLEY ROAD 3 NHPP \$ 4,904,659 \$ 3,923,727 \$ 980,932 cost increase of \$1,113,319; was \$3,791,340 limit of ADD-A-LANE TO EAST OF OVERBROOK INTERSECTION Statewide RR Grade Crossings Statewide NHS Preservation Program Subtotal \$ 13,856,302 \$ 11,085,042 \$ 2,771,260 4 80% Federal + 20% Non-Federal Statewide RR Grade Crossings No Projects Programmed \$ - - - - 4 80% Federal + 20% Non-Federal Statewide Stormwater Retrofits 608059 SALEM - STORMWATER IMPROVEMENTS ALONG 4 STP-TE \$ 125,000 \$ 100,000 \$ 25,000								•	-	-	4.000/ 5 1 1 400/ 11 5 1 1
MENDMENT:Increase 608180 WELLESLEY- RESURFACING ON ROUTE 9, FROM 1,790,329 LIMIT OF ADD-A-LANE TO EAST OF OVERBROOK INTERSECTION 1,790,329 Cost increase of \$1,623,843; was \$7,327,80 LIMIT OF ADD-A-LANE TO EAST OF OVERBROOK INTERSECTION SOUTHBOROUGH- RESURFACING & RELATED WORK ON ROUTE 9, FROM THE FRAMINGHAM T.L. TO WHITE BAGLEY ROAD \$1,890,4659 \$3,923,727 \$980,932 Cost increase of \$1,113,319; was \$3,791,34 \$1,790,329 Cost increase of \$1,623,843; was \$7,327,80 \$1,900,900 \$1,900,			Statewide Interstate Mail	ntenance Pr	ogram Subtotal 🕨	\$	-	\$	-	-	_ ■ 90% Federal + 10% Non-Federal
MENDMENT:Increase 608180 WELLESLEY- RESURFACING ON ROUTE 9, FROM LIMIT OF ADD-A-LANE TO EAST OF OVERBROOK INTERSECTION 6	►Statewide NHS Pre	servation Progr	ram+								
WORK ON ROUTE 9, FROM THE FRAMINGHAM T.L TO WHITE BAGLEY ROAD		608180	LIMIT OF ADD-A-LANE TO EAST OF OVERBROOK	6	NHPP	\$	8,951,643	\$	7,161,314	\$ 1,790,329	cost increase of \$1,623,843; was \$7,327,800
Statewide RR Grade Crossings No Projects Programmed \$ - - - - - 4 80% Federal + 20% Non-Federal Statewide Stormwater Retrofits 608059 SALEM - STORMWATER IMPROVEMENTS ALONG 4 STP-TE \$ 125,000 \$ 100,000 \$ 25,000		607488	WORK ON ROUTE 9, FROM THE FRAMINGHAM T.L	3	NHPP	\$	4,904,659	\$	3,923,727	\$ 980,932	cost increase of \$1,113,319; was \$3,791,340
No Projects Programmed	. Otatawida DD Ovad		Statewide NHS Pres	servation Pr	ogram Subtotal ▶	\$	13,856,302	\$	11,085,042	\$ 2,771,260	■ 80% Federal + 20% Non-Federal
Statewide RR Grade Crossings Subtotal ► \$ - \$ - \$ - \$ 80% Federal + 20% Non-Federal Statewide Stormwater Retrofits 608059	Statewide RR Grad	e Crossings	No Projects Programmed			\$				_	
608059 SALEM - STORMWATER IMPROVEMENTS ALONG 4 STP-TE \$ 125,000 \$ 100,000 \$ 25,000				R Grade Cro	ssings Subtotal ▶		-	\$	-	\$ -	■ 80% Federal + 20% Non-Federal
	Statewide Stormwa	ater Retrofits									
		608059		4	STP-TE	\$	125,000	\$	100,000	\$ 25,000	

LUIU Bost	on Region MP	O Transportation Improvement Program			Total		07/28/2016 Actio	n on Amendment	Five; 08/18/2016 Adjustment
Amendment/	MassDOT	MassDOT	MassDOT F	Funding	Total Programme	Ч	Federal Funds	Non-Federal	Additional
Adjustment Type ▼	Project ID ▼	Project Description ▼	District ▼ S	•	Funds ▼	u 	▼	Funds ▼	Information ▼
►Statewide ADA In	nplementation Pla	an							
		No Projects Programmed			\$	-	-		-
	-	Statewide ADA I	mplementation	Plan Subtotal ▶	\$	-	\$ -	\$	- ■ 80% Federal + 20% Non-Federal
		ABP GANS Repayment Award Adjustments, Change Orders, Project Value			\$	-	-		-
Other Statewide I	tems	ABP GANS Repayment			\$	-	-		-
		Changes, Etc.							
		DBEs, FAPO, Pavement Lab Retrofits, and Misc.			\$	-	-		-
		Programs							
		Planning			\$	-	-		-
		Statewide Design and Right of Way			\$	-	-		-
		Statewide Recreational Trails			\$	-	-		-
	_			tems Subtotal >	•		\$ -	\$	-

► Section 2A / Non-Federal Projects

► No	n F	ede	ral	Aid
------	-----	-----	-----	-----

1568	FAIRMOUNT IMPROVEMENTS	N/A	NFA	\$ 447,000	\$ 447,000	Lists cash flows (based on state fiscal year)
1572	RED LINE-BLUE LINE CONNECTOR DESIGN	N/A	NFA	\$ 29,000,000	\$ 29,000,000	MassDOT made a formal request on Aug. 1, 2011, to remove this project from the State Implementation Plan regulation. The MPO is continuing to reference this project in the document until the process is complete.
		Non-Fed	leral Aid Subtotal▶	\$ 29,447,000	\$ 29,447,000	◀100% Non-Federal

► Section 2B / Non-Federal Bridge Projects

► Section 2B / Non-Federal Bridge Projects

	No Projects Programmed		NFA	\$ -	-	\$ -		-
	Sec	tion 2B / Non-Federal Bridge I	Projects Subtotal►	\$ -	-	\$ -	■100% Non-Federal	

2016 Boston Region MPO TIP Summary

	TIP Section 1: ▼	TIP Section 2: ▼	Total of All Projects ▼
otal ▶	\$ 216 566 851	\$ 29 447 000	\$ 246.013.851 ■ Total Spending in Region

Total ►	\$ 216,566,851	\$ 29,447,000	\$ 246,013,851	◀ .	Total Spending in Region
Federal Funds ►	\$ 173,837,756		\$ 173,837,756	◀ :	Total Federal Spending in Region
Non-Federal Funds ►	\$ 42,729,095	\$ 29,447,000	\$ 72,176,095	◀ :	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 Division website: http://www.massdot.state.ma.us/Highway/flaggers/main.aspx

	Regional		Carryover or			Sta	ate Match Sou	irces				
FTA	Transit	Project	Earmark	Federal						Local	Total	
Program ▼	Authority ▼	Description ▼	Details ▼	Funds ▼	RTACAP ▼	MAP ▼	ICB ▼	TDC ▼	SCA ▼	Funds ▼	Cost ▼	Additional Information ▼

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

																		T
		PREVENTIVE														١.		
5307	MBTA	MAINTENANCE	\$ 12,000,000	<u> </u>	-	\$	-	\$	-	\$	-	\$	-	\$	3,000,000	\$	15,000,000	
5307	MBTA	Bus Procurement Phase II	\$135,203,626	\$	-	\$	-	\$	-	\$	-	\$	-	\$	33,800,907	\$10	69,004,533	
		ACQUISITION OF BUS																
		SUPPORT																
5307	MWRTA	EQUIP/FACILITIES	\$ 283,056	\$	70,765	\$	-	\$	-	\$	-	\$	-	\$	-	\$	353,821	
		NON FIXED ROUTE ADA																
5307	MWRTA	PARA SERV	\$ 1,300,000	\$	-	\$	-	\$	-	\$	-	\$	325,000	\$	-	\$	1,625,000	
		TERMINAL,																
5307	MWRTA	INTERMODAL (TRANSIT)	\$ 150,000	\$	37,500	\$	-	\$	-	\$	-	\$	-	\$	-	\$	187,500	
5307	MWRTA	Mobility Management	\$ 25,000	\$	6,250	\$	-	\$	-	\$	-	\$	-	\$	-	\$	31,250	
		ACQ - MISC EQP MATCH																new addition; match is
5307	CATA	IN 17	\$ 23,329			\$	-	\$	-	\$	-	\$	-	\$	-	\$	23,329	listed in FFY 2017
		ACQ-SUPPORT																new addition; match is
5307	CATA	VEHICLES MATCH IN 17	\$ 52,000			\$	-	\$	-	\$	-	\$	-	\$	-	\$	52,000	listed in FFY 2017
		ACQ-IT EQP MATCH IN																new addition; match is
5307	CATA	17	\$ 40,000			\$	-	\$	-	\$	-	\$	-	\$	-	\$	40,000	listed in FFY 2017
		PREVENTIVE																new addition
5307	CATA	MAINTENANCE	\$ 325,000			\$	-	\$	-	\$	-	\$	-	\$	81,250	\$	406,250	
		5307 Subtotal ▶	\$149,402,011	\$	114,515	\$	-	\$	-	\$	-	\$	325,000	\$	36,882,157	\$18	86,723,683	
			_															'
5337	MBTA	Bridge & Tunnel Program	\$ 85,000,000	\$	-	\$	-	\$	-	\$	-	\$	-	\$	21,250,000	\$10	06,250,000	
		Green Line Type 7																
		Selective Systems																
5337	MBTA	Overhaul	\$ 27,937,290	\$	-	\$	-	\$	-	\$	-	\$	-	\$	6,984,323	\$:	34,921,613	
5337	MBTA	Kawasaki Coaches	\$ 30,109,304	\$	-	\$	-	\$	-	\$	-	\$	-	\$	7,527,326	\$:	37,636,630	
5337	MBTA	Positive Train Control	\$ 60,000,000	\$	-	\$	-	\$	-	\$	-	\$	-	\$	94,846,578	_	54,846,578	
		5337 Subtotal ▶		<u> </u>	-	\$	-	\$	-	\$	_	\$	-	-	30,608,227	_	33,654,821	
			,, ,, ,, ,, ,, ,, ,, ,, ,, ,,, ,, ,, ,, ,, ,, ,, ,, ,, ,,, ,, ,, ,, ,, ,, ,	1 *		1 *		1 4		1 7		1 *		1 * •	, - ,	1 75	, ,	I
5339	MBTA	Systems Upgrades	\$ 5,287,027	\$		\$		\$		\$		\$		\$	1,321,757	\$	6,608,784	
-500		5339 Subtotal ▶		_		\$		\$		\$		\$		\$	1,321,757	+	6,608,784	
		3339 Subtotal P	Ψ 3,201,021	Ψ	-	Ψ	-	Ψ	-	Ψ	-	Ψ	-	Ψ	1,321,131	Ψ	0,000,704	

2016 Boston Region MPO Transportation Improvement Program

	Regional		Carryover or			_			— Sta	te M	atch So	urces —								
FTA	Transit Authority ▼	Project Description ▼	Earmark Details ▼	Fede		DTA	CAP ▼	MAF	• ▼	ICB	_	TDC ▼		SCA ▼	,	Local Funds	_	Tot		Additional Information ▼
Program ▼	Authority V	Buy <30-Ft Bus for	Details ¥	Full	us v	NIA	UAF V	IVIAL	•	ICB	•	IDC V		SCA V		ruiius	•	COS	ot ▼	Additional information V
5310	CATA	Expansion	N/A	\$	45,662	s	_	\$	11,415	s	_	\$	_	\$	_	\$	_	\$	57,077	
3310		Buy Replacement <30-Ft	14/74	Ψ	40,002	Ψ		Ψ	11,410	Ψ		Ψ		Ψ		Ι Ψ		+	01,011	
5310	CATA	Bus (2)	N/A	\$	109,278	\$	-	\$	27,320	\$	-	\$	_	\$	_	\$	-	\$	136,598	
	Greater Lynn				<u> </u>				<u> </u>										<u> </u>	
	Senior Services,	Buy Replacement <30-Ft																		
5310	Inc.	Bus (8)	N/A	\$	365,293	\$	-	\$	91,323	\$	-	\$	-	\$	-	\$	-	\$	456,616	
	Greater Lynn																			
	Senior Services,																			
5310	Inc.	Planning	N/A	\$	211,678	\$	-	\$	52,920	\$	-	\$	-	\$	-	\$	-	\$	264,598	
	HealthCare	Buy Replacement Vans																		
5310	Options Inc.	(4)	N/A			\$	-	\$ 1	199,078	\$	-	\$	-	\$	-	\$	-	\$	199,078	
	Littleton Council	Engineering and Design																		
5310	on Aging	<30-Ft Bus	N/A			\$	-	\$	49,770	\$	-	\$	-	\$	-	\$	-	\$	49,770	
	MetroWest																			
	Regional Transit	Buy Replacement <30-Ft																		
5310	Authority	Bus (12)	N/A	\$	502,601	\$	-	\$ 2	233,666	\$	-	\$	-	\$	-	\$	-	\$	736,267	
	MetroWest																			
E240	Regional Transit Authority	Mobility Management	NI/A	φ.	330,000	φ.		•	00.500	φ.				•		·			440 500	
5310		· · · · · · · · · · · · · · · · · · ·	N/A	\$	330,000	Ф		\$	82,500	Э	-	\$	-	\$		\$	-	\$	412,500	
	Mystic Valley Elder Services,	Coordination of Non- Emergency Human																		
5310	Inc.	Service Transportation	N/A	\$	132,781	Ф	_	\$	33,195	æ	_	\$		\$		\$	_	\$	165,976	
3310		_	IN/A	Ψ	132,701	Ψ		Ψ	33,133	Ψ		Ψ		Ψ		Ψ		Ψ	103,370	
5310	on Aging	STD <30-Ft Bus (6)	N/A			\$	_	\$ 2	286,843	s	_	\$	_	\$	_	\$	_	\$	286,843	
00.0	Randolph	Buy <30-Ft Bus for	14/74			Ψ		Ψ 2	200,010	Ψ		Ψ		<u> </u>		•		+	200,040	
5310	Council on Aging		N/A			\$	_	\$	37,740	\$	_	\$	_	\$	-	\$	_	\$	37,740	
	SCM Community							<u> </u>				,		,		,		Ť		
	Transportation	Buy Replacement Vans																		
5310	Inc	(6)	N/A			\$	-	\$ 2	266,342	\$	-	\$	-	\$	-	\$	-	\$	266,342	
		Engineering and Design																		
5310	Senior Care	STD <30-Ft Bus	N/A			\$	-	\$	52,888	\$	-	\$	-	\$	-	\$	-	\$	52,888	
5310	Town of Acton	Up to 50% Federal Share	N/A	\$	85,621	\$	-	\$	85,621	\$	-	\$	-	\$	-	\$	-	\$	171,242	
5310	Town of Acton	Up to 50% Federal Share	N/A	\$	41,600	\$	-	\$	41,600	\$	-	\$	-	\$	-	\$	-	\$	83,200	
	Town of	Mobility Management																		
5310	Brookline	(5302(A)(1)(L))	N/A	\$	102,012	\$	-	\$	25,503	\$	-	\$	-	\$	-	\$	-	\$	127,515	
		Buy Replacements -																		
5310	Town of Danvers	Capitol Bus (2)	N/A			\$	-	\$	91,323	\$	-	\$	-	\$	-	\$	-	\$	91,323	
	Middlesex 3																			
5310	Coalition	Up to 50% Federal Share		\$	46,947		-		46,947		-	\$	-	\$	-	\$	-	\$	93,894	
			5310 Subtotal ▶	\$	1,973,473	\$	-	\$1,7	715,994	\$	-	\$	-	\$	-	\$	-	\$	3,689,467	

	Regional		Carryover or				State Match So	urces ——				
FTA Program ▼	Transit Authority ▼	Project Description ▼	Earmark Details ▼	Federal Funds ▼	RTACAP ▼	MAP ▼	ICB ▼	TDC ▼	SCA ▼	Local Funds ▼	Total Cost ▼	Additional Information ▼
5309	МВТА	GREEN LINE EXTENSION PROJECT- EXTENSION TO COLLEGE AVENUE WITH THE UNION SQUARE SPUR	N/A 5309 Subtotal ▶	\$150,000,000 • \$150,000,000		\$ - \$ -	\$ - \$ -	\$ - \$ -	\$ - \$ -	\$217,838,000 \$217,838,000	\$367,838,000 \$367,838,000	The Green Line Extension project cash flows began programming New Starts funding in FFY 2015. \$1,270,262,000 of the \$1,992,243,000 project cost is programmed in FFYs 2016-19, and the remaining funding will be included in future years of the TIP.
SoGR		No Projects Programmed	N/A	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Livability		No Projects Programmed	N/A	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
TIGER		No Projects Programmed	N/A	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
			rants Subtotal ▶		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
		<u> </u>		•	1 •	1 •	1 •	1 •	1 •	1 •	1 •	
Other	CATA	BUY REPLACEMENT 30- FT BUS (4)	N/A	\$ -	\$ 800,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 800,000	
Other	CATA	SHOP EQ/SOFTWARE MAINT - Match for FY15	N/A	\$ -	\$ 10,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 10,000	
Other	CATA	FACILITY - Match for FY15	N/A	\$ -	\$ 15,600	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 15,600	
Other	CATA	SUPPORT EQUIP - Match for FY15	N/A	\$ -	\$ 4,176	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 4,176	
Other	MWRTA	REHAB/RENOVATE - BUS TERMINAL	N/A	\$ -	\$ 970,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 970,000	
I			Other Subtotal ►	\$ -	\$1,799,776		\$ -	\$ -	\$ -	\$ -	\$ 1,799,776	
												_
			Total▶	\$509,709,105	\$1,914,291	\$1,715,99	4 \$ -	\$ -	\$ 325,000	\$ 386,650,140	\$900,314,530	
Fiscal Const	raint Analysis											
Federal	lant Analysis						State					
Funding								Programmed				
Source ▼	Programmed ▼	Available ▼	(+/-	-) ▼			Source ▼	▼	Available ▼	(+/	(-) ▼	
FFY 16 / 5307	7 \$ 149,402,011	\$ 149,402,011	\$ -	Available			RTACAP	\$ 1,914,291	\$ 1,999,792	\$ 85,501	Available	
FFY 16 / 5337	7 \$ 203,046,594	\$ 203,046,594	\$ -	Available	_		MAP	\$ 1,715,994	\$ -	\$ (1,715,994)	Over	
											Programmed	
FFY 16 / 5339				Available			ITCCAP		\$ -	\$ -	Available	
FFY 16 / 5310	0 \$ 1,973,473	-	\$ (1,973,473)	Programmed			SCA	\$ 325,000	\$ 3,234,526	\$ 2,909,526	Available	
FFY 16 / 5309	9 \$ 150,000,000	\$ 150,000,000	\$ -	Available			TDC	\$ -				

2017 Boston	n Region MPC	Transportation Improvement Program				07/30/2015 Endo 07/28/2016 Actio	orsed on on Amendment Fiv	e
Amendment/	MassDOT	MassDOT	MassDOT	Funding	Total Programmed	Federal Funds	Non-Federal	Additional
Adjustment Type ▼		Project Description ▼	District ▼		Funds ▼	▼	Funds ▼	Information ▼

► Section 1A / Federal Aid Target Projects

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

► HSIP - Highway Safety Improvement Program

FIIOII	- Ingliway Jaiety illipiov	chicht i rogiani						
	604810	MARLBOROUGH- RECONSTRUCTION OF ROUTE 85 (MAPLE STREET)	3	HSIP	\$ 3,397,727	\$ 3,057,954	\$ 339,773	HSIP+CMAQ+STP Total Cost = \$5,613,636
	604935	WOBURN- RECONSTRUCTION OF MONTVALE AVENUE, FROM I-93 INTERCHANGE TO CENTRAL STREET (APPROX. 1,850 FT)	4	HSIP	\$ 3,564,629	\$ 3,208,166	\$ 356,463	STP+HSIP Total Cost = \$4,752,838
	607309	HINGHAM- RECONSTRUCTION & RELATED WORK ON DERBY STREET, FROM POND PARK ROAD TO CUSHING STREET	5	HSIP	\$ 798,857	\$ 718,972	\$ 79,886	HSIP+CMAQ Total Cost = \$3,994,287
				HSIP Subtotal ▶	\$ 7,761,213	\$ 6,985,092	\$ 776,121	■ 90% Federal + 10% Non-Federal

► CMAQ - Congestion Mitigation and Air Quality Improvement Program

604810	MARLBOROUGH- RECONSTRUCTION OF ROUTE 85 (MAPLE STREET)	3	CMAQ	\$ 2,000,000	\$ 1,600,000	\$ 400,000	HSIP+CMAQ+STP Total Cost = \$5,613,636
604989	SOUTHBOROUGH- RECONSTRUCTION OF MAIN STREET (ROUTE 30), FROM SEARS ROAD TO PARK STREET	3	CMAQ	\$ 1,038,370	\$ 830,696	\$ 207,674	STP+CMAQ+TAP Total Cost = \$6,862,752
605110	BROOKLINE- INTERSECTION & SIGNAL IMPROVEMENTS @ ROUTE 9 & VILLAGE SQUARE (GATEWAY EAST)	6	CMAQ	\$ 471,811	\$ 377,449	\$ 94,362	STP+TAP+CMAQ+Private Sector Contribution (\$1,000,000) Total Cost = \$5,818,649
1570	GREEN LINE EXTENSION PROJECT- EXTENSION TO COLLEGE AVENUE WITH THE UNION SQUARE SPUR	N/A	CMAQ	\$ 13,427,220	\$ 10,741,776	\$ 2,685,444	funding flexed to FTA; match provided by local contributions; additional funding programmed for GLX in FFY 2017 (other funds under Transit - Section 5309)
			CMAQ Subtotal ▶	\$ 16,937,401	\$ 13,549,921	\$ 3,387,480	■ 80% Federal + 20% Non-Federal

► TAP - Transportation Alternatives Program

604989	SOUTHBOROUGH- RECONSTRUCTION OF MAIN STREET (ROUTE 30), FROM SEARS ROAD TO PARK STREET	3	ТАР	\$ 2,824,382	\$ 2,259,506	\$ 564,876	STP+CMAQ+TAP Total Cost = \$6,862,752
605110	BROOKLINE- INTERSECTION & SIGNAL IMPROVEMENTS @ ROUTE 9 & VILLAGE SQUARE (GATEWAY EAST)	6	ТАР	\$ 2,346,838	\$ 1,877,470	\$ 469,368 S	TP+TAP+CMAQ+Private Sector Contribution (\$1,000,000) Total Cost = \$5,818,649
			TAP Subtotal ▶	\$ 5,171,220	\$ 4,136,976	\$ 1,034,244 ◀ 8	80% Federal + 20% Non-Federal

2017 Bosto	n Region MP	O Transportation Improvement Program						0/2015 Endo 8/2016 Actio		ndment Fiv	e
Amendment/ Adjustment Type ▼	MassDOT Project ID ▼	MassDOT Project Description ▼	MassDOT District ▼	Funding Source ▼	Total Progra Funds		Fede ▼	eral Funds	Non-Fed Funds ▼		Additional Information ▼
► Non-CMAQ/HSIP/T	AP (Other)										
	603711	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	\$ 13,	,360,000	\$	10,688,000	\$	2,672,000	AC Yr 4 of 5; NHPP+BR+Statewide Infrastructure Total Cost = \$164,919,140 (\$50,725,206 programmed within FFYs 2016-2 TIP)
	1570	GREEN LINE EXTENSION PROJECT- EXTENSION TO COLLEGE AVENUE WITH THE UNION SQUARE SPUR	N/A	STP	\$ 16,	,472,780	\$	13,178,224	\$	3,294,556	funding flexed to FTA; match provided by local contributions; additional funding programmed f GLX in FFY 2017 (other funds under Transit - Section 5309)
AMENDMENT:Change Additional Information	29492	BEDFORD- BILLERICA- BURLINGTON- MIDDLESEX TURNPIKE IMPROVEMENTS, FROM CROSBY DRIVE NORTH TO MANNING ROAD, INCLUDES RECONSTRUCTION OF B-04-006 (PHASE III)	4	STP	\$ 6,	,604,906	\$	5,283,925	\$	1,320,981	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
AMENDMENT:Change Additional Information	601630	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	\$ 12,	,850,000	\$	10,280,000	\$	2,570,000	AC Yr 2 of 4; STP+HSIP+TEA-21 Earmark (MA1236)+BR Total Cost = \$81,812,268
	607309	HINGHAM- RECONSTRUCTION & RELATED WORK ON DERBY STREET, FROM POND PARK ROAD TO CUSHING STREET	5	STP	\$ 3,	,195,430	\$	2,556,344	\$	639,086	HSIP+STP Total Cost = \$3,994,287
	605110	BROOKLINE- INTERSECTION & SIGNAL IMPROVEMENTS @ ROUTE 9 & VILLAGE SQUARE (GATEWAY EAST)	6	STP	\$ 2,	,000,000	\$	1,600,000	\$	400,000	STP+TAP+CMAQ+Private Sector Contribution (\$1,000,000) Total Cost = \$5,818,649
	604989	SOUTHBOROUGH- RECONSTRUCTION OF MAIN STREET (ROUTE 30), FROM SEARS ROAD TO PARK STREET	3	STP	\$ 3,	,000,000	\$	2,400,000	\$	600,000	STP+CMAQ+TAP Total Cost = \$6,862,752
	604810	MARLBOROUGH- RECONSTRUCTION OF ROUTE 85 (MAPLE STREET)	3	STP	\$	215,909	\$	172,727	\$	43,182	HSIP+CMAQ+STP Total Cost = \$5,613,636
	604935	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

► Section 1A / Fiscal Constraint Analysis

Total Federal Aid Target Funds Programmed ▶	\$ 88,757,069	\$ 88,759,294	⋖ Total Target	\$ 2,225	Target Funds Available
Total Non-CMAQ/HSIP/TAP (Other) Programmed ▶	\$ 58,887,235	\$ 67,723,275	■ Max. Non-	\$ 2,225	Non-CMAQ/HSIP/TAP (Other)
			CMAQ/HSIP/TAP		Available
Total HSIP Programmed ►	\$ 7,761,213	\$ 4,296,710	■ Min. HSIP	\$ (3,464,503)	HSIP Minimum Met
Total CMAQ Programmed ►	\$ 16,937,401	\$ 13,427,220	■ Min. CMAQ	\$ (3,510,181)	CMAQ Minimum Met
Total TAP Programmed ▶	\$ 5,171,220	\$ 3,312,089	■ Min. TAP	\$ (1,859,131)	TAP Requirement Exceeded!

HSIP, CMAQ, TAP Overprogrammed \$ (8,833,815)

2017 Bosto	on Region M	PO Transportation Improvement Program					30/2015 Endo 28/2016 Actio		Amendment Fiv	e
Amendment/ Adjustment Type ▼	MassDOT Project ID ▼	MassDOT		Funding Source ▼	tal ogrammed nds ▼	Fed	deral Funds	Non Fun	-Federal ds ▼	Additional Information ▼
► Section 1B / Fede	ral Aid Bridge I	Projects								
► Statewide Bridge	Maintenance P	Program								
		No Projects Programmed								
	-	Statewide Bridge Mair	ntenance Pi	rogram Subtotal ▶	\$ -	\$	-	\$	-	■ 80% Federal + 20% Non-Federal
►On System										
z en cyclem	604173	BOSTON- BRIDGE REHABILITATION, B-16-016, NORTH WASHINGTON STREET OVER THE CHARLES RIVER	6	NHPP	\$ 12,984,000	\$	10,387,200	\$	2,596,800	AC Yr 1 of 4; Total Cost = \$112,700,000
	607954	DANVERS - BRIDGE REPLACEMENT, D-03-018, ROUTE 128 OVER WATERS RIVER	4	NHPP	\$ 10,513,973	\$	8,411,178	\$	2,102,795	
	606553	HANOVER- NORWELL- SUPERSTRUCTURE REPLACEMENT, H-06-010, ST 3 OVER ST 123 (WEBSTER STREET) & N-24-003, ST 3 OVER ST 123 (HIGH STREET)	6	NHPP	\$ 12,955,600	\$	10,364,480	\$	2,591,120	AC Yr 2 of 2; Total Cost = \$41,955,600
	604952	LYNN- SAUGUS- BRIDGE REPLACEMENT, L-18- 016=S-05-008, ROUTE 107 OVER THE SAUGUS RIVER (AKA - BELDEN G. BLY BRIDGE)	4	NHPP	\$ 6,800,000	\$	5,440,000	\$	1,360,000	AC Yr 1 of 4; Total Cost = \$45,000,000
AMENDMENT:Add Funding Source	601630	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	\$ 21,758,750	\$	17,407,000	\$	4,351,750	cost increase of \$21,758,750 million; AC Yr 2 or 4; STP+HSIP+TEA-21 Earmark (MA1236)+BR Total Cost = \$81,812,268; was \$60,053,518
			On S	System Subtotal ▶	\$ 65,012,323	\$	52,009,858	\$	13,002,465	■ 80% Federal + 20% Non-Federal
► Off-System										
y on Gyotom		No Projects Programmed			\$ -	\$	-	\$	-	
			Off-S	System Subtotal >	\$ -	\$	-	\$	-	◀ 80% Federal + 20% Non-Federal
► Statewide Bridge II	spection Progra	am								
- Cuttomas Emage ii		No Projects Programmed			\$ -	\$	-	\$	-	
		Statewide Bridge In	spection P	rogram Subtotal ▶	\$ -	\$	-	\$	-	■ 80% Federal + 20% Non-Federal
► Section 1C / Fede	ral Aid Non-Taı	rget Projects								
► Other Federal Aid										
AMENDMENT:Change Additional Information		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 (1998)	\$ 6,171,760	\$	4,937,408	\$	1,234,352	AC Yr 2 of 4; STP+HSIP+TEA-21 Earmark (MA1236)+BR Total Cost = \$81,812,268
AMENDMENT:Add Funding Source	29492	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
			Other Fede	eral Aid Subtotal ►	\$ 7,173,235	\$	5,738,588	\$	1,434,647	✓ Funding Split Varies by Funding Source

2017 Bosto	n Region MP	O Transportation Improvement Program						30/2015 Endo 28/2016 Actio		mendment Fiv	re
Amendment/ Adjustment Type ▼	MassDOT Project ID ▼	MassDOT	MassDOT District ▼	_		al ogrammed nds ▼	Fed	deral Funds	Non-		Additional Information ▼
►Section 1D / Feder	al Aid Major & S	State Category Projects									
➤ Statewide Infrastr	ucture Program										
	603917	MEDFORD- STONEHAM- WOBURN- READING- HIGHWAY LIGHTING REHABILITATION ON I-93 (PHASE II)	4	STP	\$	2,500,000	\$	2,000,000	\$	500,000	AC Year 2 of 2; Total Cost = \$17,500,000
AMENDMENT:Remove Funding Source	605733	DISTRICT 6- HIGHWAY LIGHTING SYSTEM REPLACEMENT ON I-93, FROM SOUTHAMPTON STREET TO NEPONSET AVENUE IN BOSTON	6	STP							removed from TIP; was \$4,500,000 in FFY 201 AC Year 2 of 3; Total Cost = \$8,250,000
AMENDMENT:Add Funding Source	29492	BEDFORD- BILLERICA- BURLINGTON- MIDDLESEX TURNPIKE IMPROVEMENTS, FROM CROSBY DRIVE NORTH TO MANNING ROAD, INCLUDES RECONSTRUCTION OF B-04-006 (PHASE III)	4	STP	\$	6,437,225	\$	5,149,780	\$	1,287,445	cost increase of \$7,438,700; 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; was \$29,296,348
		Statewide Infra	structure Pr	ogram Subtotal ▶	\$	8,937,225	\$	7,149,780	\$	1,787,445	◀ 80% Federal + 20% Non-Federal
► Statewide HSIP P	rogram										
	607754	MILTON- INTERSECTION & SIGNAL IMPROVEMENTS AT GRANITE AVENUE & SQUANTUM STREET	6	HSIP	\$	350,000	\$	315,000	\$	35,000	
		Statew	ide HSIP Pr	ogram Subtotal ►	\$	350,000	\$	315,000	\$	35,000	■ 90% Federal + 10% Non-Federal
► Statewide Safe Ro	outes to Schools	s Program									
	608003	WEYMOUTH - SAFE ROUTES TO SCHOOL (PINGREE ELEMENTARY)	6	TAP	\$	754,000	\$	603,200	\$	150,800	
	608004	WATERTOWN - SAFE ROUTES TO SCHOOL (HOSMER ELEMENTARY)	6	TAP	\$	903,500	\$	722,800	\$	180,700	
		Statewide Safe Routes to	Schools Pr	ogram Subtotal ▶	\$	1,657,500	\$	1,326,000	\$	331,500	▼ Funding Split Varies by Funding Source
► Statewide CMAQ											
P Glatowiae Ginz (Q	602165	STONEHAM- SIGNAL & INTERSECTION IMPROVEMENTS AT ROUTE 28/NORTH STREET	4	CMAQ	\$			1,226,040		306,510	
			St	atewide CMAQ >	\$	1,532,550	\$	1,226,040	\$	306,510	■ 80% Federal + 20% Non-Federal
► Statewide Transpo	ortation Enhance	ements									
		No Projects Programmed			\$	-	_	-		-	1000/5 1 1 000/11 5 1
► Statewide ITS		Statewide Transportati	on ∟nhance	ements Subtotal ▶	\$	-	\$	-	\$	-	■ 80% Federal + 20% Non-Federal
P Statewide 113		No Projects Programmed	Statewi	de ITS Subtotal ▶	\$	-	\$	-	\$	-	■ 80% Federal + 20% Non-Federal
► Statewide Intersta	_			lvu inc	1 4		1 4		1 🛧		1
	607481	RANDOLPH- QUINCY- BRAINTREE- RESURFACING & RELATED WORK ON I-93 (SB)	6	NHPP	\$	4,693,450	\$	4,224,105	\$	469,345	
			1	1							

Statewide Interstate Maintenance Program Subtotal ▶ \$ 4,693,450 \$ 4,224,105 \$

469,345 **■** 90% Federal + 10% Non-Federal

	or region im	O Transportation Improvement Program					07/2	28/2016 ACTIO	n on Amendment	
Amendment/ Adjustment Type ▼	MassDOT Project ID ▼	MassDOT Project Description ▼		Funding Source ▼		al grammed nds ▼	Fed	deral Funds	Non-Federal Funds ▼	Additional Information ▼
►Statewide NHS P	reservation Progr	ram+								
	607477	LYNNFIELD- PEABODY- RESURFACING & RELATED WORK ON ROUTE 1	4	NHPP	\$	7,721,542	\$	6,177,234	\$ 1,544,3	08
		Statewide NHS Pre	eservation P	Program Subtotal ►	\$	7,721,542	\$	6,177,234	\$ 1,544,3	08 ◀ 80% Federal + 20% Non-Federal
►Statewide RR Gra	ade Crossings									
		No Projects Programmed			\$	-		-		-
		Statewide RI	R Grade Cro	ossings Subtotal ▶	\$	-	\$	-	\$	- ■ 80% Federal + 20% Non-Federal
►Statewide Storm	water Retrofits									
		No Projects Programmed			\$	-		-		-
		0. 1 . 1 0.	tormurator [Retrofits Subtotal >	Φ	_	\$	-	\$	1000/ 5 1 1 000/ 11 5 1 1
		Statewide St	lonnwater R	Retronts Subtotal >	Ф		φ	<u> </u>	Φ	- ■ 80% Federal + 20% Non-Federal
►Statewide ADA In	nplementation Pla		lorriwater R	Retronts Subtotal •	•		Ψ	<u> </u>	Ф	-
►Statewide ADA In	nplementation Pla		torriwater R	Retroits Subtotal •	\$	-	Φ	-	Φ	- ■ 80% Federal + 20% Non-Federal
►Statewide ADA In	nplementation Pla	n No Projects Programmed		on Plan Subtotal ►	\$		\$		\$	
		n No Projects Programmed			\$					-
		n No Projects Programmed			\$					-
		ABP GANS Repayment Award Adjustments, Change Orders, Project Value			\$					- ■ 80% Federal + 20% Non-Federal
		ABP GANS Repayment Award Adjustments, Change Orders, Project Value Changes, Etc. DBEs, FAPO, Pavement Lab Retrofits, and Misc.			\$ \$					- ■ 80% Federal + 20% Non-Federal
		ABP GANS Repayment Award Adjustments, Change Orders, Project Value Changes, Etc. DBEs, FAPO, Pavement Lab Retrofits, and Misc. Programs			\$ \$					-
➤ Statewide ADA In ➤ Other Statewide		ABP GANS Repayment Award Adjustments, Change Orders, Project Value Changes, Etc. DBEs, FAPO, Pavement Lab Retrofits, and Misc. Programs Planning			\$ \$ \$ \$	- - - -				-
		ABP GANS Repayment Award Adjustments, Change Orders, Project Value Changes, Etc. DBEs, FAPO, Pavement Lab Retrofits, and Misc. Programs			\$ \$					-

► Section 2A / Non-Federal Projects

► Non Federal Aid

► Non rederal Ald								
	1568	FAIRMOUNT IMPROVEMENTS	N/A	NFA	\$ 11,574,800	\$	11,574,800	Lists cash flows (based on state fiscal year)
	1572	RED LINE-BLUE LINE CONNECTOR DESIGN	N/A	NFA	\$ 10,000,000	\$	10,000,000	MassDOT made a formal request on Aug. 1, 2011, to remove this project from the State Implementation Plan regulation. The MPO is continuing to reference this project in the document until the process is complete.
			Non-Fed	leral Aid Subtotal▶	\$ 21.574.800	\$	21.574.800	◀100% Non-Federal

2017 Bosto	n Region MP	O Transportation Improvement Program				07/30/2015 Endo		sed on Amendment Five		
Amendment/ Adjustment Type ▼	MassDOT Project ID ▼	MassDOT Project Description ▼	MassDOT District ▼	•	Total Programmed Funds ▼	Federal Funds ▼	Non-Federal Funds ▼	Additional Information ▼		

► Section 2B / Non-Federal Bridge Projects

► Section 2B / Non-Federal Bridge Projects

 · · · · · · · · · · · · · · · · · · ·				
No Projects Programmed	NFA	\$ -	\$ -	
	Section 2B / Non-Federal Bridge Projects Subtotal▶	\$ -	\$ -	■100% Non-Federal

2017 Boston Region MPO TIP Summary	TIP Section 1: ▼	TIP Section 2 ▼	: Total Proje		
Total ▶	\$ 185,834,894	\$ 21,574,80	0 \$	207,409,694	■ Total Spending in Region
Federal Funds ▶	\$ 149,948,382		\$	149,948,382	■ 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.state.ma.us/Highway/flaggers/main.aspx

Non-Federal Funds ► \$ 35,886,513 \$ 21,574,800 \$

57,461,313 ◀ Total Non-Federal Spending in Region

	Regional		Carryover or			Sta	te Match Sour	ces ———				
FTA Program ▼	Transit Authority ▼	Project Description ▼	Earmark Details ▼	Federal Funds ▼	RTACAP ▼	MAP ▼	ICB ▼	TDC ▼	SCA ▼	Local Funds	Total Cost ▼	Additional Information ▼
riogiaili v	Authority v	Description v	Details ¥	ruilus v	INIACAF V	IVIAL 4	ICD 4	IDC V	JUA V	V	Cost ¥	IIIIOIIIIatioii ¥

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 r	new funding category																		
				ı		1				1		1		1		ı		1		
		PREVENTIVE																		
5307	MBTA	MAINTENANCE		\$	12,000,000	<u> </u>	-	\$	-	\$	-	\$	-	\$	-		3,000,000	<u> </u>	15,000,000	
5307	MBTA	Systems Upgrades		\$	58,685,516	\$	-	\$	-	\$	-	\$	-	\$	-	\$ 1	14,671,379	\$	73,356,895	
		PREVENTIVE																		removed from TIP; was
5307	CATA	MAINTENANCE	2016	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$		\$500,000
		ACQUIRE - MISC																		removed from TIP; was
5307	CATA	SUPPORT EQUIPMENT	2016					\$	-	\$	-	\$	-	\$	-	\$	-			\$24,238
		ACQUIRE - SUPPORT																		removed from TIP; was
5307	CATA	VEHICLES	2016					\$	-	\$	-	\$	-	\$	-	\$	-			\$110,000
		ACQUIRE - SHOP																		removed from TIP; was
		EQ/SOFTWARE																		\$35,000
5307	CATA	MAINTENANCE	2016					\$	-	\$	-	\$	-	\$	-	\$	-			
		INTERMODAL																		
		(TRANSIT): Facil.																		
5307	MWRTA	Improvements		\$	150,000	\$	37,500	\$	-	\$	-	\$	-	\$	-	\$	-	\$	187,500	
		ACQUISITION OF BUS																		
		SUPPORT																		
5307	MWRTA	EQUIP/FACILITIES		\$	248,415	\$	62,104	\$	-	\$	-	\$	-	\$	-	\$	-	\$	310,519	
		NON FIXED ROUTE ADA																		
5307	MWRTA	PARA SERV		\$	1,300,000		-	\$	-	\$	-	\$	-	\$	325,000	\$	-	\$	1,625,000	
5307	MWRTA	Mobility Management		\$	25,000		6,250		-	\$	-	\$	-	\$	-	\$	-	\$	31,250	
		530	07 Subtotal ►	\$	72,408,931	\$	105,854	\$	-	\$	-	\$	-	\$	325,000	\$ 1	7,671,379	\$	90,511,164	
5337	MBTA	Bridge & Tunnel Program		\$	100,000,000	\$	-	\$	-	\$	-	\$	-	\$	-	\$ 2	25,000,000	\$	125,000,000	
5337	MBTA	Systems Upgrades		\$	21,190,546	\$	-	\$	-	\$	-	\$	-	\$	-	\$	5,297,637	\$	26,488,183	
		533	37 Subtotal ▶	\$	121,190,546	\$	-	\$	-	\$	-	\$	-	\$	-	\$ 3	30,297,637	\$	151,488,183	
						1 -		1 -		1 -		1 -		1 -		1 -		1 -		l l
5339	MBTA	Systems Upgrades		\$	5,287,027	\$	-	\$	-	\$	-	\$	-	\$	-	\$	1,321,757	\$	6,608,784	
			39 Subtotal ▶		5,287,027		_	\$	-	\$	_	\$	_	\$	-		1,321,757		6,608,784	
				, T	-,,3	1 *		T *		1 *		1 *		1 *		T .	, ,	T *	-,,-	
5310		No Projects Programmed	N/A	\$	-	\$	_	\$		\$		\$	_	\$	_	\$	_	\$	_	
			10 Subtotal ▶		-	\$	-	\$		\$		\$		\$		\$		\$		
			To Subtotal	Ψ	-	Ψ	_	Ψ	_	Ψ	_	Ψ	=	Ψ	-	Ψ	_	Ψ	-	

	Regional		Carryover or			_				Stat	te Mate	ch Sourc	ces -								
FTA	Transit	Project	Earmark	Fede		рт	ACAD W	MAD	. —		ICB W		TDC	_	801	_	Local	Funds	Tot		Additional
Program ▼	Authority ▼	Description ▼	Details ▼	Func	as ▼	K I	ACAP ▼	MAP			ICB ▼		TDC	▼	SCA	A V			Cos	st ▼	Information ▼
																					The Green Line
																					Extension project cash
																					flows began
																					programming New Starts
																					funding in FFY 2015. \$1,270,262,000 of the
																					\$1,992,243,000 project
		GREEN LINE																			cost is programmed in
		EXTENSION PROJECT-																			FFYs 2016-19, and the
		EXTENSION TO																			remaining funding will be
		COLLEGE AVENUE WITH THE UNION																			included in future years of
5309	MBTA	SQUARE SPUR	N/A	\$	150,000,000	\$	_	\$	_		\$	_	\$	_	\$	_	\$230	,670,000	\$	380,670,000	the TIP.
0000	WIDTA		09 Subtotal ▶		150,000,000	<u> </u>	_	\$	_		\$		\$	_	\$	_		,670,000 ,670,000		380,670,000	
				•	100,000,000	*		•			•		•		*		V _00	,010,000	*	333,51 3,533	
SoGR		No Projects Programmed		\$	-	\$	-	\$	-		\$		\$	-	\$	-	\$	-	\$	-	
Livability		No Projects Programmed		\$	-	\$	-	\$	-		\$	-	\$	-	\$	-	\$	-	\$	-	
TIGER		No Projects Programmed		\$	-	\$	-	\$	-		\$	-	\$	-	\$	-	\$	-	\$	-	
		Gran	nts Subtotal ▶	\$	-	\$	-	\$	-		\$	-	\$	-	\$	-	\$	-	\$	-	
		BUY REPLACEMENT 30-																			
Other	CATA	FT BUS (3)		\$	-	\$	1,275,000	\$	-		\$	-	\$	-	\$	-	\$	-	\$	1,275,000	
		ACQUIRE - SUPPORT											·						-		match for FFY 2016
Other	CATA	VEHICLES		\$	-	\$	13,000	\$	-		\$	-	\$	-	\$	-	\$	-	\$	13,000	programming
		ACQUIRE - MISC																			match for FFY 2016
Other	CATA	SUPPORT EQUIPMENT		\$	-	\$	5,832	\$	-		\$	-	\$	-	\$	-	\$	-	\$	5,832	programming
		ACQUIRE - SHOP																			match for FFY 2016
Other	0.474	EQ/SOFTWARE				•	40.000				•		•							40.000	programming
Other	CATA	MAINTENANCE	ou Cubtotal N	\$		\$			-		\$		\$ \$	-	\$ \$	-	\$	-	\$	10,000	
		Oth	ner Subtotal ▶	Þ	-	Þ	1,303,832	Ф	-	ļ	\$	-	Þ	-	Þ	-	\$	-	\$	1,303,832	
			Total▶	\$	348,886,504	\$	1,409,686	\$	-		\$	-	\$	-	\$	325,000	\$279	.960,773	\$	630,581,963	
						•									•	•	•		•		ı
	raint Analysis																ľ				
Federal											State		_								
Funding Source ▼	Programmed ▼	Avoilable V	,	./\	_						Fundir Source	_	Progr	rammed	A	ilable ▼		1	+/-)		
	7 \$ 72,408,931		•	+/-) Avail		-				-				409,686		1,443,534	ď	33,848			
	7 \$ 121,190,546			Avail		_				-		MAP			\$		\$			ailable	
	9 \$ 5,287,027			Avail						-		ITCCAP		-	\$	<u>-</u>	\$			ailable	
FFY 17 / 5310				Avail								SCA				3,234,526		909,526			
	9 \$ 150,000,000			Avail								TDC		-	Ψ	5,201,020	Ψ Ζ,	,500,020	, (V		
	Ψ 100,000,000	Ψ 100,000,000	1 *	, . v all								. 50	Ψ								

2018 Bosto	n Region MPC	Transportation Improvement Program				07/30/2015 Endo	orsed on on Amendment Fiv	e
					Total			
Amendment/	MassDOT	MassDOT	MassDOT	Funding	Programmed	Federal Funds	Non-Federal	Additional
Adjustment Type ▼	Project ID ▼	Project Description ▼	District ▼	Source ▼	Funds ▼	▼	Funds ▼	Information ▼

► Section 1A / Federal Aid Target Projects

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

► HSIP - Highway Safety Improvement Program

▶ ⊓SiF - nigilway Salety illiprove	ment Frogram						
600518	HINGHAM- INTERSECTION IMPROVEMENTS AT DERBY STREET, WHITING STREET (ROUTE 53) AND GARDNER STREET	5	HSIP	\$ 611,547	\$ 550,392	\$ 61,155	STP+HSIP Total Cost = \$3,057,735
606635	NEEDHAM- NEWTON- RECONSTRUCTION OF HIGHLAND AVENUE, NEEDHAM STREET & CHARLES RIVER BRIDGE, N-04-002, FROM WEBSTER STREET (NEEDHAM) TO ROUTE 9 (NEWTON)	6	HSIP	\$ 2,319,644	\$ 2,087,679	\$ 231,964	CMAQ+HSIP+TAP+STP Total Cost = 15,464,292
-			HSIP Subtotal ▶	\$ 2,931,191	\$ 2,638,072	\$ 293,119	◀ 90% Federal + 10% Non-Federal

► CMAQ - Congestion Mitigation and Air Quality Improvement Program

	1570	GREEN LINE EXTENSION PROJECT- EXTENSION TO COLLEGE AVENUE WITH THE UNION SQUARE SPUR	N/A	CMAQ	\$ 13,427,220	\$ 10,741,776	\$ 2,685,444	funding flexed to FTA; match provided by local contributions; additional funding programmed for GLX in FFY 2018 (other funds under Transit - Section 5309)
	606635	NEEDHAM- NEWTON- RECONSTRUCTION OF HIGHLAND AVENUE, NEEDHAM STREET & CHARLES RIVER BRIDGE, N-04-002, FROM WEBSTER STREET (NEEDHAM) TO ROUTE 9 (NEWTON)	6	CMAQ	\$ 3,687,911	\$ 2,950,329	\$ 737,582	CMAQ+HSIP+TAP+STP Total Cost = 15,464,292
-	CMAQ Subtotal ▶				\$ 17,115,131	\$ 13,692,105	\$ 3,423,026	■ 80% Federal + 20% Non-Federal

► TAP - Transportation Alternatives Program

- 1	r i Ai Transportation Aito		•			I		I		1		
			NEEDHAM- NEWTON- RECONSTRUCTION OF									
	enees		HIGHLAND AVENUE, NEEDHAM STREET &	c	TAD	¢.	2 242 000	φ	2,649,671	d.	660 440	CMAQ+HSIP+TAP+STP Total Cost =
	60663		CHARLES RIVER BRIDGE, N-04-002, FROM WEBSTER STREET (NEEDHAM) TO ROUTE 9	0	TAP	Ф	3,312,089	Ф	2,049,071	Ф	662,418	15,464,292
			(NEWTON)									
Į.		,	(NEW FORM)		TAP Subtotal ▶	\$	3,312,089	\$	2,649,671	\$	662.418	■ 80% Federal + 20% Non-Federal
							-,,	-	, ,	-	,	

2018 Bosto	n Region MP	O Transportation Improvement Program				07/30/2015 End 07/28/2016 Action	orsed on on Amendment Fiv	ve
Amendment/ Adjustment Type ▼	MassDOT Project ID ▼	MassDOT Project Description ▼	MassDOT District ▼	Funding Source ▼	Total Programmed Funds ▼	Federal Funds ▼		Additional Information ▼
Non-CMAQ/HSIP/T	AP (Other)							
	603711	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	\$ 13,168,183	\$ 10,534,546	\$ 2,633,637	AC Yr 5 of 5; NHPP+BR+Statewide Infrastructure Total Cost = \$164,919,140 (\$50,725,206 programmed within FFYs 2016-2 TIP)
	1570	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	funding flexed to FTA; match provided by loca contributions; additional funding programmed for GLX in FFY 2018 (other funds under Transit - Section 5309)
AMENDMENT:Change Additional Information	601630	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	\$ 21,031,758	\$ 16,825,406	\$ 4,206,352	AC Yr 3 of 4; STP+HSIP+TEA-21 Earmark (MA1236)+BR Total Cost = \$81,812,268
	606635	NEEDHAM- NEWTON- RECONSTRUCTION OF HIGHLAND AVENUE, NEEDHAM STREET & CHARLES RIVER BRIDGE, N-04-002, FROM WEBSTER STREET (NEEDHAM) TO ROUTE 9 (NEWTON)	6	STP	\$ 6,144,648	\$ 4,915,718	\$ 1,228,930	CMAQ+HSIP+TAP+STP Total Cost = 15,464,292
	600518	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

► Section 1A / Fiscal Constraint Analysis

Total Federal Aid Target Funds Programmed ▶	\$ 92,721,968	\$ 92,626,333	⋖ Total Target	\$ (95,635)	Funds Over Programmed
Total Non-CMAQ/HSIP/TAP (Other) Programmed ▶	\$ 69,363,557	\$ 71,590,314	■ Max. Non-	\$ (95,635)	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 Minimum Not Met
Total CMAQ Programmed ▶	\$ 17,115,131	\$ 13,427,220	■ Min. CMAQ	\$ (3,687,911)	CMAQ Minimum Met
Total TAP Programmed ▶	\$ 3,312,089	\$ 3,312,089	■ Min. TAP	\$ -	TAP Minimum Met

HSIP, CMAQ, TAP Overprogrammed \$ (2,322,392)

► Section 1B / Federal Aid Bridge Projects

► Statewide Bridge Maintenance Program

· · · · · · · · · · · · · · · · · · ·				
No Projects Programmed	\$	- \$ - \$	\$ -	
Statewide Br	lge Maintenance Program Subtotal ▶ \$	- \$ - \$	\$ - ■ 80% Federal + 20% Non-Fe	

►On System

604173	BOSTON- BRIDGE REHABILITATION, B-16-016, NORTH WASHINGTON STREET OVER THE CHARLES RIVER	6	NHPP	\$ 36,000,000	\$ 28,800,000	\$ 7,200,000	AC Yr 2 of 4; Total Cost = \$112,700,000
604952	LYNN- SAUGUS- BRIDGE REPLACEMENT, L-18- 016=S-05-008, ROUTE 107 OVER THE SAUGUS RIVER (AKA - BELDEN G. BLY BRIDGE)	4	NHPP	\$ 18,800,000	\$ 15,040,000	\$ 3,760,000	AC Yr 2 of 4; Total Cost = \$45,000,000
		On S	System Subtotal >	\$ 54.800.000	\$ 43.840.000	\$ 10.960.000	■ 80% Federal + 20% Non-Federal

2018 Bosto	n Region MP	O Transportation Improvement Program						30/2015 Endo 28/2016 Actio		mendment Fiv	e
amendment/ adjustment Type ▼	MassDOT Project ID ▼	MassDOT	MassDOT District ▼	_		al grammed ds ▼	Fec	deral Funds	Non- Fund	Federal s ▼	Additional Information ▼
Off-System											
	606632	HOPKINTON- WESTBOROUGH- BRIDGE REPLACEMENT, H-23-006=W-24-016, FRUIT STREET OVER CSX & SUDBURY RIVER	3	STP-BR-OFF	\$	11,727,339	\$	9,381,871	\$	2,345,468	
	607133	QUINCY- BRIDGE REPLACEMENT, ROBERTSON STREET OVER I-93/US 1/SR 3	6	STP-BR-OFF	\$	6,435,763	\$	5,148,610	\$	1,287,153	
	604655	MARSHFIELD- BRIDGE REPLACEMENT, M-07-007, BEACH STREET OVER THE CUT RIVER	5	STP-BR-OFF	\$	4,822,854	\$	3,858,283	\$	964,571	
	607533	WALTHAM- WOERD AVENUE OVER THE CHARLES RIVER	4	STP-BR-OFF	\$	3,873,360	\$	3,098,688	\$	774,672	
	-		Off-S	System Subtotal ▶	\$	26,859,316	\$	21,487,453	\$	5,371,863	■ 80% Federal + 20% Non-Federal
Statewide Bridge In	spection Program		I		I				1		
	607915	NEWTON- WELLESLEY- WESTON- BRIDGE MAINTENANCE OF N-12-063, N-12-054, N-12-055 & N- 12-056 ON I-95/ROUTE 128	6	NHPP	\$	1,724,400	\$	1,379,520	\$	344,880	
		Statewide Bridge In	spection Pr	ogram Subtotal ►	\$	1,724,400	\$	1,379,520	\$	344,880	■ 80% Federal + 20% Non-Federal
Section 1C / Feder Other Federal Aid	606134	BOSTON- TRAFFIC SIGNAL IMPROVEMENTS ON	6	HPP (2005)	\$	2,377,900	\$	1,902,320	\$	475,580	Construction; HPP 2129 (MA155)
	606134	BOSTON- TRAFFIC SIGNAL IMPROVEMENTS ON BLUE HILL AVENUE AND WARREN STREET	6	HPP (2005)	\$	2,377,900	\$	1,902,320	\$	475,580	Construction; HPP 2129 (MA155)
	605789	BOSTON- RECONSTRUCTION OF MELNEA CASS BOULEVARD	6	HPP (2005)	\$	2,429,730	\$	1,943,784	\$	485,946	Construction; HPP 4284 (MA203); SAFETEA- Earmark (HPP 756)+ SAFETEA-LU Earmar (HPP 4284) =Total Cost \$7,437,105
	605789	BOSTON- RECONSTRUCTION OF MELNEA CASS BOULEVARD	6	HPP (2005)	\$	5,007,375	\$	4,005,900	\$	1,001,475	Construction; HPP 4284 (MA203); SAFETEA- Earmark (HPP 756)+ SAFETEA-LU Earmar (HPP 4284) =Total Cost \$7,437,105
			Other Fede	ral Aid Subtotal ▶	\$	9,815,005	\$	7,852,004	\$	1,963,001	■ Funding Split Varies by Funding Source
Statewide Infrastr	ucture Program		_								
MENDMENT:Remove unding Source	605733	DISTRICT 6- HIGHWAY LIGHTING SYSTEM REPLACEMENT ON I-93, FROM SOUTHAMPTON STREET TO NEPONSET AVENUE IN BOSTON	6	STP							removed from TIP; was \$1,250,000 in FFY 20 AC Year 3 of 3; Total Cost = \$8,250,000
	606381	ARLINGTON- BELMONT- HIGHWAY LIGHTING REPAIR & MAINTENANCE ON ROUTE 2	4	STP	\$	5,750,000	\$	4,600,000	\$	1,150,000	AC Year 1 of 2; Total Cost = \$9,450,000
		Statewide Infra	structure Pr	ogram Subtotal >	\$	5,750,000	\$	4,600,000	\$	1,150,000	■ 80% Federal + 20% Non-Federal
Statewide HSIP P	rogram										
	607748	ACTON- INTERSECTION & SIGNAL IMPROVEMENTS ON SR 2 & SR 111 (MASSACHUSETTS AVENUE) AT PIPER ROAD & TAYLOR ROAD	3	HSIP	\$	1,500,000	\$	1,350,000	\$	150,000	
	607761	SWAMPSCOTT- INTERSECTION & SIGNAL IMPROVEMENTS AT SR 1A (PARADISE ROAD) AT SWAMPSCOTT MALL	4	HSIP	\$	550,000	\$	495,000	\$	55,000	

2018 Bost	on Region MP	O Transportation Improvement Program						30/2015 Endo 28/2016 Actio		mendment Five	e
mendment/ djustment Type ▼	MassDOT Project ID ▼	MassDOT Project Description ▼	MassDOT District ▼	_			Fed	deral Funds	Non-l Fund	Federal s ▼	Additional Information ▼
Statewide Safe F	outes to Schools	a Program									
Otatowia Gaio i		No Projects Programmed			\$	-	\$	-	\$	-	Funding Split Varies by Funding Source
		Statewide Safe Routes to	Schools Pr	ogram Subtotal ▶	\$	-	\$	-	\$	-	■ Funding Split Varies by Funding Source
Statewide CMAC											
Statewide CWAC	607329	WAKEFIELD- LYNNFIELD- RAIL TRAIL EXTENSION,	4	CMAQ	\$	7,662,854	\$	6,130,283	\$	1,532,571	
	00.020	FROM THE GALVIN MIDDLE SCHOOL TO LYNNFIELD/PEABODY T.L.	•	OWN (Q		7,002,007	•	0,100,200	Ψ	1,002,011	
	606223	ACTON- CONCORD- BRUCE FREEMAN RAIL TRAIL CONSTRUCTION (PHASE II-B)	3	CMAQ	\$	6,230,016	\$	4,984,013	\$	1,246,003	
	607732	FRAMINGHAM- NATICK- COCHITUATE RAIL TRAIL CONSTRUCTION INCLUDING PEDESTRIAN BRIDGE, N-03-014, OVER ROUTE 9 & BRIDGE OVER ROUTE	3	CMAQ	\$	5,859,926	\$	4,687,941	\$	1,171,985	
		30	St	⊥ atewide CMAQ ▶	\$	19,752,796	\$	15,802,237	\$	3,950,559	■ 80% Federal + 20% Non-Federal
								, ,		, ,	1
Statewide Transp	ortation Enhance			1	1 4		1		ı		
		No Projects Programmed	on Enhance	manta Cubtatal N	\$	-	Φ.	-	of the second	-	■ 80% Federal + 20% Non-Federal
		Statewide Transportati	on Ennance	ments Subtotal F	Ф	-	\$	-	\$	-	■ 80% Federal + 20% Non-Federal
Statewide ITS											
		No Projects Programmed			\$	-		-		-	
Statewide Interst	ate Maintenance	Program		de ITS Subtotal ▶			\$		\$		■ 80% Federal + 20% Non-Federal
	608219	READING-WAKEFIELD- INTERSTATE MAINTENANCE RESURFACING AND RELATED WORK ON I-95	4	NHPP	\$	4,037,488	\$	3,633,739	\$	403,749	
		Statewide Interstate Mair	ntenance Pr	ogram Subtotal ▶	\$	4,037,488	\$	3,633,739	\$	403,749	◀ 90% Federal + 10% Non-Federal
Statewide NUS D	vocamistica Drom										
Statewide NHS P	608069	MARSHFIELD PEMBROKE NORWELL HANOVER	5	NHPP	\$	17,586,720	\$	14,069,376	\$	3,517,344	
		ROCKLAND HINGHAM RESURFACING ON RT 3				,000,0	•	,000,010	Ψ	0,011,011	
	605608	DEDHAM - RESURFACING AND RELATED WORK ON ROUTE 109	6	NHPP	\$	2,523,312		2,018,650		504,662	NHSPP+Stormwater Total Cost = \$2,739,3
	608008	SAUGUS-RESURFACING AND RELATED WORK ON ROUTE 1	4	NHPP		10,597,910		8,478,328		2,119,582	
	608220	CONCORD - RESURFACING AND RELATED WORK ON ROUTE 2	4	NHPP	\$	1,784,160		1,427,328		356,832	
Statewide RR Gra	ndo Crossinas	Statewide NHS Pres	servation Pr	ogram Subtotal 🕨	\$	32,492,102	\$	25,993,682	\$	6,498,420	■ 80% Federal + 20% Non-Federal
Clatewide IN GI	ide Orossiliys	No Projects Programmed			\$	-		-		-	
			Grade Cro	ssings Subtotal >		-	\$	-	\$	-	■ 80% Federal + 20% Non-Federal
Statewide Storm	vater Retrofits										
	605608	DEDHAM - RESURFACING AND RELATED WORK ON ROUTE 109	6	STP-TE	\$	216,000	\$	172,800	\$	43,200	NHSPP+Stormwater Total Cost = \$2,739,3
	608217	MARLBOROUGH- SUDBURY- STORMWATER IMPROVEMENTS ALONG ROUTE 20	3	STP-TE	\$	671,000	\$	536,800	\$	134,200	
				│ etrofits Subtotal ▶		887,000		709,600			■ 80% Federal + 20% Non-Federal

		O Transportation Improvement Program			Total			
mendment/	MassDOT	MassDOT	MassDOT	_	Programmed	Federal Funds		Additional
djustment Type ▼	Project ID ▼	Project Description ▼	District ▼	Source ▼	Funds ▼	▼	Funds ▼	Information ▼
Statewide ADA Ir	nplementation Pla	an						
		No Projects Programmed			-	-		-
	-		Implementatio	n Plan Subtotal ▶		\$ -	\$	- ■ 80% Federal + 20% Non-Federal
Other Statewide	Items	ADD CANS Denoument		1	c			
		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			\$ -	-		-
		0	thor Statowida	Items Subtotal ▶	\$ -	\$ -	\$	- ✓ Funding Split Varies by Funding Source

Non-Federal Aid Subtotal► \$

N/A

► Section 2B / Non-Federal Bridge Projects

► Section 2B / Non-Federal Bridge Projects

No Projects Prograi	nmed	NFA	\$ -	\$ -	
	Section 2B / Non-Fede	eral Bridge Projects Subtotal▶	\$ -	\$ - ■ 100% Non-Federal	

Tota

9,000,000

2018 Boston Region MPO TIP Summary

	TIP Section 1: ▼		Projects ▼	
al ►	\$ 250,890,075	\$ 9,000,000	\$ 259,890,075	■ Total Spending in Region
	.			

9,000,000 **◀**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 Division website: http://www.massdot.state.ma.us/Highway/flaggers/main.aspx

	Regional		Carryover or			_			s	tate Mat	tch Sou	rces -								
FTA Program ▼	Transit Authority ▼	Project Description ▼		Federal Funds		RTA	CAP ▼	MAP 1	▼	ICB ▼	,	TDC	▼	SCA	. ▼	Loc ▼	al Funds	Tota Cos		Additional Information ▼
5307	MBTA	PREVENTIVE MAINTENANCE		\$ 12,	,000,000	\$	_	\$	_	\$	_	\$	_	\$	_	\$	3,000,000	\$	15,000,000	
5307	MBTA	Systems Upgrades			,685,516		-	\$	-	\$	-	\$	-	\$	-		14,671,379		73,356,895	
5307	САТА	PREVENTIVE MAINTENANCE	2017	\$	400,000	\$	-	\$	-	\$	-	\$	-	\$	-	\$	100,000		500,000	
5307	САТА	ACQUIRE - SHOP EQ/SOFTWARE MAINT	2017	\$	28,000	\$	7,000	\$	-	\$	-	\$	-	\$	-	\$	-	\$	35,000	
5307	CATA	ACQUIRE - MISC SUPPORT EQUIPMENT	2017	\$	60,744	\$	15,186	\$	-	\$	-	\$	-	\$	-	\$	-	\$	75,930	
5307	CATA	ACQUIRE - SHOP EQUIPMENT	2017	\$	52,000	\$	13,000	\$	-	\$	-	\$	-	\$	-	\$	-	\$	65,000	
5307	MWRTA	TERMINAL, INTERMODAL (TRANSIT)		\$	150,000	\$	37,500	\$	-	\$	-	\$	-	\$	-	\$	-	\$	187,500	
5307	MWRTA	ACQUISITION OF BUS SUPPORT EQUIP/FACILITIES		\$	248,519	\$	62,104	\$	_	\$	_	\$	_	\$	_	\$	_	\$	310,623	
5307	MWRTA	NON FIXED ROUTE ADA PARA SERV			,300,000		-	\$	_	\$	_	\$	-	\$	325,000		-	\$	1,625,000	
5307	MWRTA	Mobility Management		\$	25,000	\$	6,250	\$	-	\$	-	\$	-	\$	-	\$	-	\$	31,250	
		53	307 Subtotal ►	\$ 72,	,949,779	\$	141,040	\$	-	\$	-	\$	-	\$	325,000	\$ 1	17,771,379	\$	91,187,198	
5337	MBTA	Bridge & Tunnel Program		\$ 60,	,000,000	\$	-	\$	-	\$	-	\$	-	\$	-	\$ ^	15,000,000	\$	75,000,000	
5337	MBTA	Systems Upgrades			,190,546		-	\$	-	\$	-	\$	-	\$	-	-	15,297,637		76,488,183	
		53	337 Subtotal ►	\$ 121,	,190,546	\$	-	\$	-	\$	-	\$	-	\$	-	\$ 3	30,297,637	\$	151,488,183	
5339	MBTA	Systems Upgrades			,287,027		-	\$	-	\$	-	\$	-	\$	-	_	1,321,757		6,608,784	
		53	339 Subtotal ►	\$ 5,	,287,027	\$	-	\$	-	\$	-	\$	-	\$	-	\$	1,321,757	\$	6,608,784	
5310		No Projects Programmed	N/A	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	
		53	310 Subtotal ▶	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	

	Regional		Carryover or			_			- St	tate Matc	h Sour	ces								
FTA Program ▼	Transit Authority ▼	Project Description ▼	Earmark Details ▼	Federa Funds		RTA	CAP ▼	MAP ▼	,	ICB ▼		TDO	C ▼	SCA	▼	Local Fur ▼		Tota Cos		Additional Information ▼
		GREEN LINE EXTENSION PROJECT- EXTENSION TO COLLEGE AVENUE WITH THE UNION																		The Green Line Extension project cash flows began programming New Starts funding in FFY 2015. \$1,270,262,000 of the \$1,992,243,000 project cost is programmed in FFYs 2016-19, and the remaining funding will be included in future years of the TIP.
5309	МВТА	SQUARE SPUR	N/A	\$ 150	0,000,000	\$	-	\$	-	\$	-	\$	-	\$	-	\$195,558	3,000	\$	345,558,000	or the rir .
		53	309 Subtotal ▶				-	\$	-	\$	-	\$	-	\$	-	\$195,558			345,558,000	
SoGR		No Projects Programmed	N/A	\$	_	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	
Livability		No Projects Programmed	N/A	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	
TIGER		No Projects Programmed	N/A	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	
		Gra	nts Subtotal ▶	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	
Other	САТА	BUY REPLACEMENT TROLLEY BUS (2)	her Subtotal ▶	\$ \$	<u>-</u>	\$ \$	900,000		-	\$ \$	-	\$ \$	-	\$ \$	-	\$ \$	-	\$	900,000	
		0.	noi Gustotai P			ΙΨ	000,000	ΙΨ		Y		ΙΨ		Ψ		Ι Ψ		Ψ	000,000	
			Total▶	\$ 349	,427,352	\$	1,041,040	\$	-	\$	-	\$	-	\$	325,000	\$244,948	3,773	\$	595,742,165	
	raint Analysis																			
Federal Funding Source ▼	Programmed ▼	∕ Available ▼	(+	·/-) v						State Fundin Source	_	Pro ▼	grammed	Avail	lable ▼		(+,	/-) ·	v	
FFY 17 / 5307	7 \$ 72,949,77	9 \$ 136,938,027	`	•	ole					R	TACAP	\$	1,041,040	\$ '	1,041,040	\$			lable	
FFY 17 / 5337	\$ 121,190,54	6 \$ 121,190,546		Availab							MAP	\$	-	\$	-	\$	-	Avai	lable	
FFY 17 / 5339		7 \$ 5,287,027	\$ -	Availab						ı	TCCAP		-	\$	-	\$			lable	
FFY 17 / 5310		\$ -	\$ -	Availab							SCA		325,000	\$ 3	3,234,526	\$ 2,909	,526	Avai	lable	
FFY 17 / 5309	\$ 150,000,000	150,000,000) \$ -	Availab	ole						TDC	\$	-							

2019 Bosto	n Region MP	O Transportation Improvement Program				07/30/2015 Endo 07/28/2016 Actio	orsed n on Amendment Fiv	/e
					Total			
Amendment/	MassDOT	MassDOT	MassDOT F	Funding	Programmed	Federal Funds	Non-Federal	Additional
Adjustment Type ▼	Project ID ▼	Project Description ▼	District ▼ S	Source ▼	Funds ▼	lacktriangle	Funds ▼	Information ▼

► Section 1A / Federal Aid Target Projects

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

► HSIP - Highway Safety Improvement Program

60604	HOPKINTON- SIGNAL & INTERSECTION IMPROVEMENTS ON ROUTE 135	3	HSIP	\$ 1,220,822	\$ 1,098,740	\$ 122,082	CMAQ+HSIP+STP Total Cost = \$8,138,816
60742	HOPEDALE- MILFORD- RESURFACING & INTERSECTION IMPROVEMENTS ON ROUTE 16 (MAIN STREET), FROM WATER STREET WEST TAPPROXIMATELY 120 FEET WEST OF THE MILFORD/HOPEDALE T.L AND THE INTERSECTION OF ROUTE 140	0 3	HSIP	\$ 2,362,214	\$ 2,125,993	\$ 236,221	CMAQ+HSIP Total Cost = \$3,149,619
60765	EVERETT- RECONSTRUCTION OF FERRY STREE SOUTH FERRY STREET AND A PORTION OF ELM STREET		HSIP	\$ 2,000,000	\$ 1,800,000	\$ 200,000	STP+HSIP Total Cost = \$7,244,124
:			HSIP Subtotal ▶	\$ 5,583,037	\$ 5,024,733	\$ 558.304	■ 90% Federal + 10% Non-Federal

► CMAQ - Congestion Mitigation and Air Quality Improvement Program

1570	GREEN LINE EXTENSION PROJECT- EXTENSION TO COLLEGE AVENUE WITH THE UNION SQUARE SPUR	N/A	CMAQ	\$ 13,427,220	\$ 10,741,776	\$ 2,685,444	funding flexed to FTA; match provided by local contributions; additional funding programmed for GLX in FFY 2019 (other funds under Transit - Section 5309)
605034	NATICK- RECONSTRUCTION OF ROUTE 27 (NORTH MAIN STREET), FROM NORTH AVENUE TO THE WAYLAND T.L.	3	CMAQ	\$ 1,000,000	\$ 800,000	\$ 400,000	CMAQ+STP Total Cost = \$14,725,286
606043	HOPKINTON- SIGNAL & INTERSECTION IMPROVEMENTS ON ROUTE 135	3	CMAQ	\$ 1,000,000	\$ 800,000	\$ 200,000	CMAQ+HSIP+STP Total Cost = \$8,138,816
606453	BOSTON- IMPROVEMENTS ON BOYLSTON STREET, FROM INTERSECTION OF BROOKLINE AVENUE & PARK DRIVE TO IPSWICH STREET	6	CMAQ	\$ 1,824,765	\$ 1,459,812	\$ 364,953	STP+CMAQ+TAP Total Cost = \$7,373,484
607428	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
-			CMAQ Subtotal ▶	\$ 18,039,390	\$ 14,431,512	\$ 3,807,878	■ 80% Federal + 20% Non-Federal

n Region MP	O Transportation Improvement Program								endment Five	<u> </u>
MassDOT Project ID ▼	MassDOT Project Description ▼		_	Pro	grammed	T		Non-Fe	ederal	Additional Information ▼
on Altornativos	Drogram	1						-		
	BOSTON- IMPROVEMENTS ON BOYLSTON STREET,	6	ТДР	\$	2 548 719	\$	2 038 975	\$	509 744	STP+CMAQ+TAP Total Cost = \$7,373,484
000433	PARK DRIVE TO IPSWICH STREET								,	
			TAP Subtotal ►	\$	2,548,719	\$	2,038,975	\$	509,744	■ 80% Federal + 20% Non-Federal
AP (Other)										
1570	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	funding flexed to FTA; match provided by local contributions; additional funding programmed for GLX in FFY 2019 (other funds under Transit - Section 5309)
601630	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	\$	6,600,000	\$	5,280,000	\$	1,320,000	AC Yr 4 of 4; SSTP+HSIP+TEA-21 Earmark (MA1236)+BR Total Cost = \$81,812,268
602077	LYNN- RECONSTRUCTION ON ROUTE 129 (LYNNFIELD STREET), FROM GREAT WOODS ROAD TO WYOMA SQUARE	4	STP	\$	3,889,305	\$	3,111,444	\$	777,861	
605034	NATICK- RECONSTRUCTION OF ROUTE 27 (NORTH MAIN STREET), FROM NORTH AVENUE TO THE WAYLAND T.L.	3	STP	\$	13,725,286	\$	10,980,229	\$	2,745,057	CMAQ+STP Total Cost = \$14,725,286
606453	BOSTON- IMPROVEMENTS ON BOYLSTON STREET, FROM INTERSECTION OF BROOKLINE AVENUE & PARK DRIVE TO IPSWICH STREET	6	STP	\$	3,000,000	\$	2,400,000	\$	600,000	STP+CMAQ+TAP Total Cost = \$7,373,484
606043	HOPKINTON- SIGNAL & INTERSECTION IMPROVEMENTS ON ROUTE 135	3	STP	\$	5,917,993	\$	4,734,395	\$	1,183,599	CMAQ+HSIP+STP Total Cost = \$8,138,816
607652	EVERETT- RECONSTRUCTION OF FERRY STREET, SOUTH FERRY STREET AND A PORTION OF ELM STREET	4	STP	\$	5,244,124	\$	4,195,299	\$	1,048,825	STP+HSIP Total Cost = \$7,244,124
_	MassDOT Project ID ▼ on Alternatives 606453 AP (Other) 1570 601630 602077 605034 606453 606043	Project ID ▼ Project Description ▼ On Alternatives Program BOSTON- IMPROVEMENTS ON BOYLSTON STREET, FROM INTERSECTION OF BROOKLINE AVENUE & PARK DRIVE TO IPSWICH STREET AP (Other) GREEN LINE EXTENSION PROJECT- EXTENSION TO COLLEGE AVENUE WITH THE UNION SQUARE SPUR 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) LYNN- RECONSTRUCTION ON ROUTE 129 (LYNNFIELD STREET), FROM GREAT WOODS ROAD TO WYOMA SQUARE NATICK- RECONSTRUCTION OF ROUTE 27 (NORTH MAIN STREET), FROM NORTH AVENUE TO THE WAYLAND T.L. BOSTON- IMPROVEMENTS ON BOYLSTON STREET, FROM INTERSECTION OF BROOKLINE AVENUE & PARK DRIVE TO IPSWICH STREET HOPKINTON- SIGNAL & INTERSECTION IMPROVEMENTS ON ROUTE 135 EVERETT- RECONSTRUCTION OF FERRY STREET, SOUTH FERRY STREET AND A PORTION OF ELM	MassDOT Project ID ▼ Project Description ▼ MassDOT Project ID ▼ Project Description ▼ MassDOT District ▼ Dist	MassDOT Project ID ▼ Project Description ▼ District ▼ Source ▼ Project ID ▼ Project Description ▼ District ▼ Source ▼ Project ID ▼ Project Description ▼ District ▼ Source ▼ PARK DRIVE TO IPSWICH STREET, FROM INTERSECTION OF BROOKLINE AVENUE & PARK DRIVE TO IPSWICH STREET TAP Subtotal ► PAP (Other) GREEN LINE EXTENSION PROJECT- EXTENSION TO COLLEGE AVENUE WITH THE UNION SQUARE SPUR 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) LYNN- RECONSTRUCTION ON ROUTE 129 (LYNNFIELD STREET), FROM GREAT WOODS ROAD TO WYOMA SQUARE NATICK- RECONSTRUCTION OF ROUTE 27 (NORTH MAIN STREET), FROM NORTH AVENUE TO THE WAYLAND T.L. BOSTON- IMPROVEMENTS ON BOYLSTON STREET, FROM INTERSECTION OF BROOKLINE AVENUE & PARK DRIVE TO IPSWICH STREET G06043	MassDOT Project ID ▼ Project Description ▼ District ▼ Source ▼ Fulding Project ID ▼ Project Description ▼ District ▼ Source ▼ Fulding Project ID ▼ Project Description ▼ District ▼ Source ▼ Fulding Project ID ▼ Project Description ▼ District ▼ Source ▼ Fulding Project ID ▼ Project Description ▼ District ▼ Source ▼ Fulding Project ID ▼ Project Description ▼ District ▼ Source ▼ Fulding Project ID ▼ Project Description ▼ District ▼ Distric	MassDOT Project ID ▼ Project Description ▼	MassDOT MassDOT Project ID ▼ MassDOT Project Description ▼ MassDOT Project ID ▼ Project Description ▼ MassDOT Project Description ▼ MassDOT Project Description ▼ MassDOT Project Description ▼ MassDOT Project Description ▼ Project Description © Project Description	MassDOT	MassDOT	Region MPO Transportation Improvement Program Total Project Description ▼ MassDOT Project ID ▼ Total Project Description ▼ MassDOT Project ID ▼ Project Description ▼ MassDOT District ▼ Funding Source ▼ Federal Funds ▼ Fundis ▼ Fun

► Section 1A / Fiscal Constraint Analysis

Total Federal Aid Target Funds Programmed ▶	\$ 91,120,634	\$ 92,626,333	◀ Total Target	\$ 1,505,699	Target Funds Available
Total Non-CMAQ/HSIP/TAP (Other) Programmed ▶	\$ 64,949,489	\$ 72,353,684	■ Max. Non-	\$ 1,505,699	Non-CMAQ/HSIP/TAP (Other)
			CMAQ/HSIP/TAP		Available
Total HSIP Programmed ►	\$ 5,583,037	\$ 4,296,710	■ Min. HSIP	\$ (1,286,327)	HSIP Minimum Met
Total CMAQ Programmed ►	\$ 18,039,390	\$ 13,427,220	■ Min. CMAQ	\$ (4,612,170)	CMAQ Minimum Met
Total TAP Programmed ►	\$ 2,548,719	\$ 2,548,719	■ Min. TAP	\$ -	TAP Minimum Met

HSIP, CMAQ, TAP Overprogrammed \$ (5,898,497)

Non-CMAQ/HSIP/TAP (Other) Subtotal ► \$ 64,949,489 \$ 51,959,591 \$

12,989,898 ◀ 80% Federal + 20% Non-Federal

2019 Bost	on Region MP	O Transportation Improvement Program						'30/2015 Endo '28/2016 Actio	n on Amendment Fiv	e
mendment/ djustment Type ▼	MassDOT Project ID ▼	MassDOT Project Description ▼	MassDOT	Funding Source ▼		tal ogrammed nds ▼			Non-Federal Funds ▼	Additional Information ▼
Section 1B / Fede		· · ·	District V	oource v	ı u	iius v	<u> </u>		T dild5 ¥	Information v
Statewide Bridge	Maintenance Pro	ogram								
	608234	BOSTON- RANDOLPH- BRIDGE PRESERVATION OF 3 BRIDGES: B-16-165, R-01-005 & R-01-007	6	NHPP	\$	2,889,600	\$	2,311,680	\$ 577,920	
		Statewide Bridge Mair	ntenance Pr	rogram Subtotal ▶	\$	2,889,600	\$	2,311,680	\$ 577,920	■ 80% Federal + 20% Non-Federal
							Ţ			_
On System										
	604173	BOSTON- BRIDGE REHABILITATION, B-16-016, NORTH WASHINGTON STREET OVER THE CHARLES RIVER	6	NHPP	\$	34,504,000	\$	27,603,200	\$ 6,900,800	AC Yr 3 of 4; Total Cost = \$112,700,000
	604952	LYNN- SAUGUS- BRIDGE REPLACEMENT, L-18- 016=S-05-008, ROUTE 107 OVER THE SAUGUS RIVER (AKA - BELDEN G. BLY BRIDGE)	4	NHPP	\$	10,800,000	\$	8,640,000	\$ 2,160,000	AC Yr 3 of 4; Total Cost = \$45,000,000
		THE PERSON OF SELECTION OF SELE	On S	System Subtotal ▶	\$	45,304,000	\$	36,243,200	\$ 9,060,800	■ 80% Federal + 20% Non-Federal
				•				· · ·	, ,	
Off-System										
	608079	SHARON- BRIDGE REPLACEMENT, S-09-003 (40N), MASKWONICUT STREET OVER AMTRAK/MBTA	5	STP-BR-OFF	\$	4,755,240	\$	3,804,192	\$ 951,048	
	608255	STOW, BRIDGE REPLACEMENT, S-29-11, BOX MILL ROAD OVER ELIZABETH BROOK	3	STP-BR-OFF	\$	3,612,224	\$	2,889,779		
			Off-S	System Subtotal ▶	\$	8,367,464	\$	6,693,971	\$ 1,673,493	■ 80% Federal + 20% Non-Federal
Statewide Bridge I	nspection Program				Φ.		<u>ф</u>		r	
		No Projects Programmed Statewide Bridge Ir	enaction Pr	rogram Subtotal N	\$	<u>-</u>	\$	-	\$ - \$ -	■ 80% Federal + 20% Non-Federal
		Statewide Bridge II	ispection i	ogram Subtotal >	Ψ	-	Ψ	-		_ 4 00 % Federal F 20 % Non-Federal
Section 1C / Fede	eral Aid Non-Targ	et Projects								
Other Federal Aid	l				1 .		1		1	
		No Projects Programmed			\$	-	\$	-	-	
			Other Fede	│ ral Aid Subtotal ▶	Φ.		\$		\$ -	■ Funding Split Varies by Funding Source
			Other I cue	Tai Aid Gublolai	Ψ		Ψ			_ T anding opin varies by I unding source
Section 1D / Fede	eral Aid Major & S	State Category Projects								
Statewide Infras	ructure Program									
	606381	ARLINGTON- BELMONT- HIGHWAY LIGHTING REPAIR & MAINTENANCE ON ROUTE 2	4	STP	\$	3,700,000	\$	2,960,000		AC Year 2 of 2; Total Cost = \$9,450,000
		Statewide Infra	structure Pr	ogram Subtotal ▶	\$	3,700,000	\$	2,960,000	\$ 740,000	■ 80% Federal + 20% Non-Federal

	on Region MP	O Transportation Improvement Program						30/2015 Endo 28/2016 Actio		endment Five	9
					Tota					_	
mendment/	MassDOT	MassDOT	MassDOT District ▼	-		grammed	Fed ▼	leral Funds	Non-Fe		Additional
justment Type ▼	Project ID ▼	Project Description ▼	DISTRICT V	Source ▼	Fun	ds ▼	•		runas	<u> </u>	Information ▼
Statewide HSIP	Program										
	608205	READING TO LYNNFIELD - GUIDE AND TRAFFIC	4	HSIP	\$	3,500,000	\$	3,150,000	\$	350,000	
		SIGN REPLACEMENT ON A SECTION OF									
		INTERSTATE 95 (STATE ROUTE 128)									
	608206	CHELSEA TO DANVERS - GUIDE AND TRAFFIC	4	HSIP	\$	5,900,000	\$	5,310,000	\$	590,000	
		SIGN REPLACEMENT ON A SECTION OF US ROUTE									
	607759	BOSTON- INTERSECTION & SIGNAL	6	HSIP	\$	550,000	\$	495,000	\$	55,000	
	007733	IMPROVEMENTS AT THE VFW PARKWAY & SPRING		11011	Ψ	330,000	Ψ	455,000	Ψ	33,000	
		STREET									
	608052	NORWOOD- INTERSECTION & SIGNAL	5	HSIP	\$	550,000	\$	495,000	\$	55,000	
		IMPROVEMENTS AT US 1 (PROVIDENCE HIGHWAY)									
		& MORSE STREET									
	607763	MILTON- INTERSECTION & SIGNAL	6	HSIP	\$	1,100,000	\$	990,000	\$	110,000	
		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									
		Statewi	ide HSIP Pro	gram Subtotal >	\$	11,600,000	\$	10,440,000	\$	1,160,000	■ 90% Federal + 10% Non-Federal
Statowida Safa E	Routes to Schools	o Brogram									
Statewide Sale i	Toutes to School	No Projects Programmed			\$		\$	_	\$		Funding Split Varies by Funding Source
Statowido CMAC	,	Statewide Safe Routes to	Schools Pro	gram Subtotal ▶	\$	-	\$	-	\$	-	■ Funding Split Varies by Funding Source
Statewide CMAC	607888	Statewide Safe Routes to BOSTON- BROOKLINE- MULTI-USE PATH CONSTRUCTION ON NEW FENWAY		ogram Subtotal ► CMAQ	\$	1,915,213		1,532,170		383,043	■ Funding Split Varies by Funding Source
Statewide CMAC		BOSTON- BROOKLINE- MULTI-USE PATH	6		\$		\$	1,532,170 1,532,170	\$	383,043	■ Funding Split Varies by Funding Source ■ 80% Federal + 20% Non-Federal
	607888	BOSTON- BROOKLINE- MULTI-USE PATH CONSTRUCTION ON NEW FENWAY	6	CMAQ	\$	1,915,213	\$		\$	383,043	
		BOSTON- BROOKLINE- MULTI-USE PATH CONSTRUCTION ON NEW FENWAY ements	6	CMAQ	\$	1,915,213	\$		\$	383,043	
	607888	BOSTON- BROOKLINE- MULTI-USE PATH CONSTRUCTION ON NEW FENWAY ements No Projects Programmed	6 Sta	CMAQ atewide CMAQ ►	\$	1,915,213	\$	1,532,170	\$	383,043 383,043	■ 80% Federal + 20% Non-Federal
	607888	BOSTON- BROOKLINE- MULTI-USE PATH CONSTRUCTION ON NEW FENWAY ements	6 Sta	CMAQ atewide CMAQ ►	\$	1,915,213	\$		\$	383,043	
Statewide Transp	607888	BOSTON- BROOKLINE- MULTI-USE PATH CONSTRUCTION ON NEW FENWAY ements No Projects Programmed	6 Sta	CMAQ atewide CMAQ ►	\$	1,915,213	\$	1,532,170	\$	383,043 383,043	■ 80% Federal + 20% Non-Federal
Statewide Transp	607888	BOSTON- BROOKLINE- MULTI-USE PATH CONSTRUCTION ON NEW FENWAY ements No Projects Programmed	6 Sta on Enhancer	CMAQ atewide CMAQ ▶ ments Subtotal ▶	\$ \$	1,915,213	\$	1,532,170	\$	383,043 383,043	■ 80% Federal + 20% Non-Federal
Statewide Transp	607888	BOSTON- BROOKLINE- MULTI-USE PATH CONSTRUCTION ON NEW FENWAY ements No Projects Programmed Statewide Transportation	6 Sta on Enhancer	CMAQ atewide CMAQ ►	\$ \$	1,915,213	\$	1,532,170	\$	383,043 383,043	■ 80% Federal + 20% Non-Federal
Statewide ITS	607888	BOSTON- BROOKLINE- MULTI-USE PATH CONSTRUCTION ON NEW FENWAY ements No Projects Programmed Statewide Transportation No Projects Programmed	6 Sta on Enhancer	CMAQ atewide CMAQ ▶ ments Subtotal ▶	\$ \$	1,915,213	\$	1,532,170 - -	\$ \$	383,043 383,043	■ 80% Federal + 20% Non-Federal ■ 80% Federal + 20% Non-Federal
Statewide Transp Statewide ITS	607888	BOSTON- BROOKLINE- MULTI-USE PATH CONSTRUCTION ON NEW FENWAY ements No Projects Programmed Statewide Transportation No Projects Programmed Program	6 Sta on Enhancer Statewid	CMAQ atewide CMAQ ▶ ments Subtotal ▶ e ITS Subtotal ▶	\$ \$ \$ \$	1,915,213 1,915,213	\$ \$	1,532,170 - - -	\$ \$	383,043	■ 80% Federal + 20% Non-Federal ■ 80% Federal + 20% Non-Federal ■ 80% Federal + 20% Non-Federal
Statewide Transp Statewide ITS	607888	BOSTON- BROOKLINE- MULTI-USE PATH CONSTRUCTION ON NEW FENWAY ements No Projects Programmed Statewide Transportation No Projects Programmed Program QUINCY - MILTON - BOSTON - INTERSTATE	6 Sta on Enhancer Statewid	CMAQ atewide CMAQ ▶ ments Subtotal ▶	\$ \$ \$ \$	1,915,213	\$ \$	1,532,170 - -	\$ \$	383,043 383,043	■ 80% Federal + 20% Non-Federal ■ 80% Federal + 20% Non-Federal ■ 80% Federal + 20% Non-Federal
Statewide Transp Statewide ITS	607888 cortation Enhance tate Maintenance 608208	BOSTON- BROOKLINE- MULTI-USE PATH CONSTRUCTION ON NEW FENWAY ements No Projects Programmed Statewide Transportation No Projects Programmed Program QUINCY - MILTON - BOSTON - INTERSTATE MAINTENANCE AND RELATED WORK ON I-93	6 Sta	CMAQ Intewide CMAQ ▶ Interior Subtotal ▶ Interior Subtotal ▶ Interior Subtotal ▶	\$ \$ \$ \$	1,915,213 1,915,213 21,491,482	\$ \$	1,532,170 19,342,334	\$ \$ \$	383,043 383,043 - - - 2,149,148	■ 80% Federal + 20% Non-Federal ■ 80% Federal + 20% Non-Federal ■ 80% Federal + 20% Non-Federal
Statewide Transp Statewide ITS	607888	BOSTON- BROOKLINE- MULTI-USE PATH CONSTRUCTION ON NEW FENWAY ements No Projects Programmed Statewide Transportation No Projects Programmed Program QUINCY - MILTON - BOSTON - INTERSTATE MAINTENANCE AND RELATED WORK ON I-93 FOXBOROUGH-PLAINVILLE-WRENTHAM-FRANKLIN-	6 Sta	CMAQ atewide CMAQ ▶ ments Subtotal ▶ e ITS Subtotal ▶	\$ \$ \$ \$	1,915,213 1,915,213 21,491,482	\$ \$	1,532,170 - - -	\$ \$ \$	383,043	■ 80% Federal + 20% Non-Federal ■ 80% Federal + 20% Non-Federal ■ 80% Federal + 20% Non-Federal
Statewide Transp Statewide ITS	607888 cortation Enhance tate Maintenance 608208	BOSTON- BROOKLINE- MULTI-USE PATH CONSTRUCTION ON NEW FENWAY ements No Projects Programmed Statewide Transportation No Projects Programmed Program QUINCY - MILTON - BOSTON - INTERSTATE MAINTENANCE AND RELATED WORK ON I-93 FOXBOROUGH-PLAINVILLE-WRENTHAM-FRANKLIN- INTERSTAE MAINTENANCE AND RELATED WORK	6 Sta	CMAQ Intewide CMAQ ▶ Interior Subtotal ▶ Interior Subtotal ▶ Interior Subtotal ▶	\$ \$ \$ \$	1,915,213 1,915,213 21,491,482	\$ \$	1,532,170 19,342,334	\$ \$ \$	383,043 383,043 - - - 2,149,148	■ 80% Federal + 20% Non-Federal ■ 80% Federal + 20% Non-Federal ■ 80% Federal + 20% Non-Federal
Statewide Transp Statewide ITS	607888 cortation Enhance tate Maintenance 608208	BOSTON- BROOKLINE- MULTI-USE PATH CONSTRUCTION ON NEW FENWAY ements No Projects Programmed Statewide Transportation No Projects Programmed Program QUINCY - MILTON - BOSTON - INTERSTATE MAINTENANCE AND RELATED WORK ON I-93 FOXBOROUGH-PLAINVILLE-WRENTHAM-FRANKLIN- INTERSTAE MAINTENANCE AND RELATED WORK ON I-495	6 Sta	CMAQ Intewide CMAQ ▶ Intervide CMAQ ▶ Interv	\$ \$ \$ \$	1,915,213 1,915,213 21,491,482 24,468,480	\$ \$	1,532,170 19,342,334 22,021,632	\$ \$ \$ \$	383,043 383,043 - - - - 2,149,148 2,446,848	■ 80% Federal + 20% Non-Federal ■ 80% Federal + 20% Non-Federal ■ 80% Federal + 20% Non-Federal IM+Stormwater Total Cost = \$22,051,482
Statewide Transp Statewide ITS	607888 cortation Enhance tate Maintenance 608208	BOSTON- BROOKLINE- MULTI-USE PATH CONSTRUCTION ON NEW FENWAY ements No Projects Programmed Statewide Transportation No Projects Programmed Program QUINCY - MILTON - BOSTON - INTERSTATE MAINTENANCE AND RELATED WORK ON I-93 FOXBOROUGH-PLAINVILLE-WRENTHAM-FRANKLIN- INTERSTAE MAINTENANCE AND RELATED WORK	6 Sta	CMAQ Intewide CMAQ ▶ Intervide CMAQ ▶ Interv	\$ \$ \$ \$	1,915,213 1,915,213 21,491,482 24,468,480	\$ \$	1,532,170 19,342,334 22,021,632	\$ \$ \$ \$	383,043 383,043 - - - 2,149,148	■ 80% Federal + 20% Non-Federal ■ 80% Federal + 20% Non-Federal ■ 80% Federal + 20% Non-Federal
Statewide Transp Statewide ITS	607888 cortation Enhance tate Maintenance 608208	BOSTON- BROOKLINE- MULTI-USE PATH CONSTRUCTION ON NEW FENWAY ements No Projects Programmed Statewide Transportation No Projects Programmed Program QUINCY - MILTON - BOSTON - INTERSTATE MAINTENANCE AND RELATED WORK ON I-93 FOXBOROUGH-PLAINVILLE-WRENTHAM-FRANKLIN- INTERSTAE MAINTENANCE AND RELATED WORK ON I-495	6 Sta	CMAQ Intewide CMAQ ▶ Intervide CMAQ ▶ Interv	\$ \$ \$ \$	1,915,213 1,915,213 21,491,482 24,468,480	\$ \$	1,532,170 19,342,334 22,021,632	\$ \$ \$ \$	383,043 383,043 - - - - 2,149,148 2,446,848	■ 80% Federal + 20% Non-Federal ■ 80% Federal + 20% Non-Federal ■ 80% Federal + 20% Non-Federal IM+Stormwater Total Cost = \$22,051,482
Statewide Transp Statewide ITS Statewide Interst	eate Maintenance 608208 608210	BOSTON- BROOKLINE- MULTI-USE PATH CONSTRUCTION ON NEW FENWAY ements No Projects Programmed Statewide Transportation No Projects Programmed Program QUINCY - MILTON - BOSTON - INTERSTATE MAINTENANCE AND RELATED WORK ON I-93 FOXBOROUGH-PLAINVILLE-WRENTHAM-FRANKLIN- INTERSTAE MAINTENANCE AND RELATED WORK ON I-495 Statewide Interstate Main ram+	Statewid Statewid 6 5 ntenance Pro	CMAQ Intewide CMAQ ▶ Intervide CMAQ ▶ Interv	\$ \$ \$ \$	1,915,213 1,915,213 21,491,482 24,468,480 45,959,962	\$ \$	1,532,170 19,342,334 22,021,632 41,363,966	\$ \$ \$ \$	383,043 383,043 - - - - 2,149,148 2,446,848 4,595,996	■ 80% Federal + 20% Non-Federal ■ 80% Federal + 20% Non-Federal ■ 80% Federal + 20% Non-Federal ■ IM+Stormwater Total Cost = \$22,051,482 ■ 90% Federal + 10% Non-Federal
Statewide Transp Statewide ITS Statewide Interst	ate Maintenance 608208 608210	BOSTON- BROOKLINE- MULTI-USE PATH CONSTRUCTION ON NEW FENWAY ements No Projects Programmed Statewide Transportation No Projects Programmed Program QUINCY - MILTON - BOSTON - INTERSTATE MAINTENANCE AND RELATED WORK ON I-93 FOXBOROUGH-PLAINVILLE-WRENTHAM-FRANKLIN-INTERSTAE MAINTENANCE AND RELATED WORK ON I-495 Statewide Interstate Main ram+ LEXINGTON- BELMONT- ARLINGTON- CAMBRIDGE-	Statewid Statewid 6 5 ntenance Pro	CMAQ Intewide CMAQ ▶ Intervide CMAQ ▶ Interv	\$ \$ \$ \$	1,915,213 1,915,213 21,491,482 24,468,480	\$ \$	1,532,170 19,342,334 22,021,632	\$ \$ \$ \$	383,043 383,043 - - - - 2,149,148 2,446,848	■ 80% Federal + 20% Non-Federal ■ 80% Federal + 20% Non-Federal ■ 80% Federal + 20% Non-Federal ■ IM+Stormwater Total Cost = \$22,051,482
Statewide Transp Statewide ITS	eate Maintenance 608208 608210	BOSTON- BROOKLINE- MULTI-USE PATH CONSTRUCTION ON NEW FENWAY ements No Projects Programmed Statewide Transportation No Projects Programmed Program QUINCY - MILTON - BOSTON - INTERSTATE MAINTENANCE AND RELATED WORK ON I-93 FOXBOROUGH-PLAINVILLE-WRENTHAM-FRANKLIN- INTERSTAE MAINTENANCE AND RELATED WORK ON I-495 Statewide Interstate Main ram+	Statewid Statewid 6 5 ntenance Pro	CMAQ Intewide CMAQ ▶ Intervide CMAQ ▶ Interv	\$ \$ \$ \$	1,915,213 1,915,213 21,491,482 24,468,480 45,959,962	\$ \$	1,532,170 19,342,334 22,021,632 41,363,966	\$ \$ \$ \$	383,043 383,043 - - - - 2,149,148 2,446,848 4,595,996	■ 80% Federal + 20% Non-Federal ■ 80% Federal + 20% Non-Federal ■ 80% Federal + 20% Non-Federal ■ IM+Stormwater Total Cost = \$22,051,482 ■ 90% Federal + 10% Non-Federal

2019 Rost	on Region MP	O Transportation Improvement Program						80/2015 Endo	orsed on on Amendment Fiv	70
mendment/ djustment Type ▼	MassDOT Project ID ▼	MassDOT Project Description ▼	MassDOT District ▼	Funding Source ▼		al ogrammed nds ▼			Non-Federal Funds ▼	Additional Information ▼
Statewide RR Gra	nde Crossings									
		No Projects Programmed			\$	-		-	-	
		Statewide RF	R Grade Cro	ssings Subtotal ▶	\$	-	\$	-	-	■ 80% Federal + 20% Non-Federal
Statewide Storm	vater Retrofits									
	608208	QUINCY - MILTON - BOSTON - INTERSTATE MAINTENANCE AND RELATED WORK ON I-93	6	STP-TE	\$	560,000	\$	448,000	\$ 112,000	IM+Stormwater Total Cost = \$22,051,482
	608379	LEXINGTON- BELMONT- ARLINGTON- CAMBRIDGE- PAVEMENT PRESERVATION ON ROUTE 2	4	STP-TE	\$	1,200,000	\$	960,000	\$ 240,000	NHSPP+Stormwater Total Cost = \$6,600,0
	608214	WINCHESTER - UPPER MYSTIC RIVER ROUTE 3	4	STP-TE	\$	224,000	\$	179,200	\$ 44,800	
		Statewide St	│ ormwater Re	│ etrofits Subtotal ▶	\$	1,984,000	\$	1,587,200	\$ 396,800	■ 80% Federal + 20% Non-Federal
Ctatawida ADA Im	onlamantation Di									_
Statewide ADA In	ipiementation Pia	No Projects Programmed			\$		1			
		Statewide ADA Im	nlomontatio	n Dian Subtatal N		-	\$	<u>-</u>	\$ -	■ 80% Federal + 20% Non-Federal
Other Statewide I	tems								T	
		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			\$	-		-	-	
		Othe	er Statewide	e Items Subtotal ▶	\$	-	\$	-	-	
Section 2A / Non-	Federal Projects									
Non Federal Aid	1568	FAIRMOUNT IMPROVEMENTS	N/A	NFA	\$	5,328,200			\$ 5,328,200	Lists cash flows (based on state fiscal year
				eral Aid Subtotal▶	\$	5,328,200	_		\$ 5,328,200	◀100% Non-Federal
0 (1 25				riid Odbiolai	Ψ	5,525,266			3,020,200	
Section 2B / Non-	Federal Bridge P	rojects								
Section 2B / Non-	Federal Bridge P									
		No Projects Programmed		NFA	\$	-			\$ -	
		, ,							<u> </u>	◀100% Non-Federal

2019 Bosto	on Region MPC	Transportation Improvement P	rogram			07/30/201: 07/28/201		rsed n on Amendment Five	Э
Amendment/ Adjustment Type ▼	MassDOT Project ID ▼	MassDOT Project Description ▼	MassDOT	Funding Source ▼	Total Programmed Funds ▼	Federal F		Non-Federal Funds ▼	Additional Information ▼
2019 Bost	on Region MP	O TIP Summary			TIP Section 1: ▼	TIP Section	n 2:	Total of All Projects ▼	
				Total ►	\$ 218,440,873	\$ 5,32	3,200	\$ 223,769,073	◀ Total Spending in Region
				Federal Funds ►					■ Total Federal Spending in Region
			Non	-Federal Funds ▶	\$ 37,533,875	\$ 5,32	3,200	\$ 42,862,075	■ 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 Division website: http://www.massdot.state.ma.us/Highway/flaggers/main.aspx

	Regional		Carryover or			_			— s	tate Ma	tch Sou	rces -								
FTA Program ▼	Transit Authority ▼	Project Description ▼	Earmark Details ▼	Fede Fund		RTA	ACAP ▼	MAP	▼	ICB 1	7	TDC	▼	SCA	▼	Loc ▼	al Funds	Tota		Additional Information ▼
5307	MBTA	PREVENTIVE MAINTENANCE		\$	12,000,000	¢		\$		\$		\$	_	\$		\$	3,000,000	¢	15,000,000	
5307 5307	MBTA	Systems Upgrades			58,685,516	-		\$		\$		\$		\$			14,671,379	_	73,356,895	
5307	CATA	PREVENTIVE MAINTENANCE	2018		400,000			\$		\$		\$		\$		\$	100,000		500,000	
5307	САТА	ACQUIRE - SHOP EQ/COMPUTER/SFTWR	2018		44,000		11,000	_	_	\$	_	\$	_	\$	_	\$	-	\$	55,000	
5307	САТА	ACQUIRE - MISC SUPPORT EQUIPMENT	2018		102,152		25,538		-	\$	-	\$	_	\$	_	\$	-	\$	127,690	
5307	MWRTA	INTERMODAL (TRANSIT): Facil. Improvements		\$	150,000		37,500		_	\$	_	\$	_	\$	_	\$	_	\$	187,500	
		ACQUISITION OF BUS SUPPORT																		
5307	MWRTA	EQUIP/FACILITIES NON FIXED ROUTE ADA		\$	248,415	\$	62,104	\$	-	\$	-	\$	-	\$	-	\$	-	\$	310,519	
5307	MWRTA	PARA SERV		\$	130,000	\$	-	\$	-	\$	-	\$	-	\$	325,000	\$	-	\$	455,000	
5307	MWRTA	Mobility Management		\$	25,000	\$	6,250	\$	-	\$	-	\$	-	\$	-	\$	-	\$	31,250	
		53	307 Subtotal ►	\$	71,785,083	\$	142,392	\$	-	\$	-	\$	-	\$	325,000	\$	17,771,379	\$	90,023,854	
5337	MBTA	Bridge & Tunnel Program		\$	60,000,000	\$	-	\$	-	\$	-	\$	-	\$	-	\$	15,000,000	\$	75,000,000	
5337	MBTA	Systems Upgrades		\$	61,190,546	\$	-	\$	-	\$	-	\$	-	\$	-	\$	15,297,637	\$	76,488,183	
		53	337 Subtotal ►	\$ 1	21,190,546	\$	-	\$	-	\$	-	\$	-	\$	-	\$	30,297,637	\$	151,488,183	
5339	МВТА	Systems Upgrades		\$	5,287,027	_	-	\$	-	\$	-	\$	-	\$	-	\$	1,321,757		6,608,784	
		53	339 Subtotal ►	\$	5,287,027	\$	-	\$	-	\$	-	\$	-	\$	-	\$	1,321,757	\$	6,608,784	
5310		No Projects Programmed	N/A	\$	-	\$		\$		\$		\$	-	\$	-	\$	-	\$	-	
		53	310 Subtotal ▶	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	

	Regional		Carryover or		-			— Si	tate Matc	h Sourc	ces -							
FTA Program ▼	Transit Authority ▼	Project Description ▼	Earmark Details ▼	Federal Funds ▼	RT	ACAP ▼	MAP ▼	,	ICB ▼		TDC	▼	SCA V	7	Local Funds ▼		tal est ▼	Additional Information ▼
5309	МВТА	GREEN LINE EXTENSION PROJECT- EXTENSION TO COLLEGE AVENUE WITH THE UNION SQUARE SPUR	N/A 309 Subtotal ▶	\$ 150,000,00 • \$ 150,000,00		- -	\$	<u>-</u>	\$	-	\$	<u>-</u>	\$	- -	\$ 26,196,00 \$ 26,196,0 0	_		The Green Line Extension project cash flows began programming New Starts funding in FFY 2015. \$1,270,262,000 of the \$1,992,243,000 project cost is programmed in FFYs 2016-19, and the remaining funding will be included in future years of the TIP.
							*		Y		· ·					- +		l
SoGR		-		\$ -	\$	-	\$	-	\$	-	\$	-	\$	-	\$ -	\$	-	
Livability		No Projects Programmed		\$ -	\$	-	\$	-	\$	-	\$	-	\$	-	\$ -	\$	-	
TIGER		No Projects Programmed		\$ -	\$	-	\$	-	\$	-	\$	-	\$	-	\$ -	\$	-	
		Gra	nts Subtotal ▶	- \$	\$	-	\$	-	\$	-	\$	-	\$	-	\$ -	\$	-	
Other		No Projects Programmed	N/A	\$ -	\$	-	\$	-	\$	-	\$	-	\$	-	\$ -	\$	-	
		Ot	her Subtotal ▶	- \$ -	\$	-	\$	-	\$	-	\$	-	\$	-	\$ -	\$	-	
			Total▶	\$ 348,262,65	56 \$	142,392	\$	-	\$	-	\$	-	\$	325,000	\$ 75,586,77	3 \$	424,316,821	
Fiscal Const	raint Analysis																	
Federal									State									
Funding									Funding	_	_	rammed						
Source ▼	Programmed \			-/-) ▼					Source		▼		Availa			(+/-)		
FFY 17 / 5307			\$ 65,152,944						R	TACAP		142,392		142,392			ailable	
	\$ 121,190,54			Available						MAP		-	\$	-	\$.		ailable	
FFY 17 / 5339				Available					I ⁻	TCCAP		-	\$	-	\$.		ailable	
FFY 17 / 5310	*	Ψ	\$ -	Available						SCA		325,000	\$ 3,	234,526	\$ 2,909,52	6 Av	ailable	
FFY 17 / 5309	9 \$ 150,000,00	150,000,000) \$ -	Available						TDC	\$	-						

2020 Boston	n Region MPC	Transportation Improvement Program				07/30/2015 Endo	orsed on on Amendment Fiv	e
					Total			
Amendment/	MassDOT	MassDOT	MassDOT	Funding	Programmed	Federal Funds	Non-Federal	Additional
Adjustment Type ▼	Project ID ▼	Project Description ▼	District ▼	Source ▼	Funds ▼	▼	Funds ▼	Information ▼

► Section 1A / Federal Aid Target Projects

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

► HSIP - Highway Safety Improvement Program

	No Projects Programmed		\$ -	\$ -	\$ -	
		HSIP Subtotal ▶	\$ -	\$ -	\$ -	■ 90% Federal + 10% Non-Federal

► CMAQ - Congestion Mitigation and Air Quality Improvement Program

1570	GREEN LINE EXTENSION PROJECT- EXTENSION TO COLLEGE AVENUE WITH THE UNION SQUARE SPUR	N/A	CMAQ	\$ 13,427,220	\$ 10,741,776	\$ 2,685,444	funding flexed to FTA; match provided by local contributions; additional funding programmed for GLX in FFY 2020 (other funds under Transit - Section 5309)
602261	WALPOLE- RECONSTRUCTION ON ROUTE 1A (MAIN STREET) FROM THE NORWOOD T.L. TO ROUTE 27, INCLUDES W-03-024 OVER THE NEPONSET RIVER	5	СМАQ	\$ 2,000,000	\$ 1,600,000	\$ 400,000	STP+CMAQ Total Cost = \$18,584,373
604123	ASHLAND- RECONSTRUCTION ON ROUTE 126 (POND STREET), FROM THE FRAMINGHAM T.L. TO THE HOLLISTON T.L.	3	CMAQ	\$ 2,000,000	\$ 1,600,000	\$ 400,000	STP+CMAQ+TAP Total Cost = \$15,532,405
CMAQ Subtot	al			\$ 17,427,220	\$ 13,941,776	\$ 3,485,444	■ 80% Federal + 20% Non-Federal

► TAP - Transportation Alternatives Program

604123	ASHLAND- RECONSTRUCTION ON ROUTE 126 (POND STREET), FROM THE FRAMINGHAM T.L. TO THE HOLLISTON T.L.	3	ТАР	\$ 2,548,719	\$ 2,038,975	\$ 509,744	STP+CMAQ+TAP Total Cost = \$15,532,405
			TAP Subtotal ▶	\$ 2.548.719	\$ 2,038,975	\$ 509.744	■ 80% Federal + 20% Non-Federal

LULU Bosto	on Region MP	O Transportation Improvement Program				07/28	8/2016 Actio	n on Amer	ndment Five	9
					Total				_	
Amendment/	MassDOT	MassDOT		Funding	Programmed		eral Funds	Non-Fede	eral	Additional
Adjustment Type ▼	Project ID ▼	Project Description ▼	District ▼	Source ▼	Funds ▼	▼		Funds ▼		Information ▼
►Non-CMAQ/HSIP/	TAP (Other)									
·	1570	GREEN LINE EXTENSION PROJECT- EXTENSION TO COLLEGE AVENUE WITH THE UNION SQUARE SPUR	N/A	STP	\$ 26,572,780	\$ 2	21,258,224	\$	5,314,556	funding flexed to FTA; match provided by local contributions; additional funding programmed for GLX in FFY 2020 (other funds under Transit - Section 5309)
	604996	WOBURN- BRIDGE REPLACEMENT, W-43-017, NEW BOSTON STREET OVER MBTA	4	STP	\$ 11,355,289	\$	9,084,231	\$	2,271,058	
	606226	BOSTON- RECONSTRUCTION OF RUTHERFORD AVENUE, FROM CITY SQUARE TO SULLIVAN SQUARE	6	STP	\$ 7,000,000	\$	5,600,000	\$	1,400,000	
	604123	ASHLAND- RECONSTRUCTION ON ROUTE 126 (POND STREET), FROM THE FRAMINGHAM T.L. TO THE HOLLISTON T.L.	3	STP	\$ 10,983,686	\$	8,786,949	\$	2,196,737	STP+CMAQ+TAP Total Cost = \$15,532,405
	602261	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	\$ 16,584,373	\$	13,267,498	\$	3,316,875	STP+CMAQ Total Cost = \$18,584,373
		NEPONSET RIVER		(Other) Subtotal ▶						■ 80% Federal + 20

► Section 1A / Fiscal Constraint Analysis

Total Federal Aid Target Funds Programmed ▶	\$ 92,472,067	\$ 92,626,333	⋖ Total Target	\$ 154,266	Target Funds Available
Total Non-CMAQ/HSIP/TAP (Other) Programmed ▶	\$ 72,496,128	\$ 72,353,684	■ Max. Non-	\$ (142,444)	Non-CMAQ/HSIP/TAP (Other)
			CMAQ/HSIP/TAP		Exceeds Maximum
Total HSIP Programmed ►	\$ -	\$ 4,296,710	■ Min. HSIP	\$ 4,296,710	HSIP Minimum Not Met
Total CMAQ Programmed ►	\$ 17,427,220	\$ 13,427,220	■ Min. CMAQ	\$ (4,000,000)	CMAQ Minimum Met
Total TAP Programmed ▶	\$ 2,548,719	\$ 2,548,719	✓ Min. TAP	\$ -	TAP Minimum Met

Remaining HSIP, CMAQ, and TAP Funds \$ 296,710

Statewide Bridge Mainter	<u> </u>			 	
	No Projects Programmed	\$	-	\$ - \$	-
	State	wide Bridge Maintenance Program Subtotal ▶ \$	-	\$ - \$	- ■ 4 80% Federal + 20% Non-Federal
On System					
	No Projects Programmed				
		On System Subtotal ► \$	-	\$ - \$	- ■ 80% Federal + 20% Non-Federal
➤ Off-System					
➤ Off-System	No Projects Programmed				
➤ Off-System	No Projects Programmed	Off-System Subtotal ▶ \$	-	\$ - \$	- ■ 80% Federal + 20% Non-Federal
	· · · · ·	Off-System Subtotal ▶ \$	-	\$ - \$	- ■ 80% Federal + 20% Non-Federal
➤ Off-System ➤ Statewide Bridge Inspectio	· · · · ·	Off-System Subtotal ▶ \$	-	\$ - \$ - \$	- ■ 80% Federal + 20% Non-Federal

2020 Boston Region MPO Transportation Improvement Program							07/30/2015 Endorsed 07/28/2016 Action on Amendment Five				
Amendment/ Adjustment Type ▼	MassDOT Project ID ▼	MassDOT Project Description ▼	MassDOT District ▼	_	Total Programmed Funds ▼	Federal Fun ▼	ds Non-Federal Funds ▼	I	Additional Information ▼		
Section 1C / Fed	eral Aid Non-Targ	et Projects									
►Other Federal Aid	d										
		No Projects Programmed			\$ -	\$	- \$	-			
			Other Feder	ral Aid Subtotal ►	\$ -	\$	- \$	-	■ Funding Split Varies by Funding Source		
Section 1D / Fed	eral Aid Major & S	tate Category Projects									
► Statewide Infras	structure Program										
- Otatowiao iiii ao		No Projects Programmed									
			Statewide Infrastructure Pro	ogram Subtotal ▶	\$ -	\$	- \$	-	■ 80% Federal + 20% Non-Federal		
➤ Statewide HSIP	Program										
		No Projects Programmed									
			Statewide HSIP Pro	ogram Subtotal ▶	\$ -	\$	- \$	-	■ 90% Federal + 10% Non-Federal		
Ctatawida Cafa I	Davitas ta Cabaala	Due suese									
Statewide Safe F	Routes to Schools	No Projects Programmed			\$ -	. \$	- \$		Funding Split Varies by Funding Source		
			de Safe Routes to Schools Pro	⊥ ogram Subtotal ▶		_	- \$	_	▼ Funding Split Varies by Funding Source		
				9		*	, ·		3 . , , 3		
Statewide CMAC	2										
		No Projects Programmed	01	tandala OMAAO N	Φ.	•			4 000/ Fadaral a 000/ Nag Fadaral		
			518	atewide CMAQ ►	\$ -	\$	- \$	-	■ 80% Federal + 20% Non-Federal		
► Statewide Transp	portation Enhance	ements									
		No Projects Programmed			-		-	-			
		State	wide Transportation Enhance	ments Subtotal ▶	\$ -	\$	- \$	-	■ 80% Federal + 20% Non-Federal		
04-4											
Statewide ITS		No Projects Programmed			\$ -		_				
		No i rojects i rogrammed	Statewic	l le ITS Subtotal ▶	·	\$	- \$		■ 80% Federal + 20% Non-Federal		
					<u> </u>	1 7			T		
►Statewide Interst	tate Maintenance										
		No Projects Programmed									
		Statewi	ide Interstate Maintenance Pro	ogram Subtotal ►	\$ -	\$	- \$	-	■ 90% Federal + 10% Non-Federal		
► Statewide NHS P	Preservation Progr	ram+									
		No Projects Programmed									
		Sta	atewide NHS Preservation Pro	ogram Subtotal ▶	\$ -	\$	- \$	-	■ 80% Federal + 20% Non-Federal		
► Statowide DD C-	rada Crassinana										
Statewide RR Gr	aue Crossings	No Projects Programmed			\$ -		-				
		itto i Tojouto i Togrammeu	Statewide RR Grade Cros	ssings Subtotal ►		\$	- \$		■ 80% Federal + 20% Non-Federal		
				G = 2 2.22 10 10.1		T					
Statewide Storm	water Retrofits										
		No Projects Programmed									
			Statewide Stormwater Re	trofits Subtotal ▶	-	\$	- \$	-	■ 80% Federal + 20% Non-Federal		

2020 Boston Region MPO Transportation Improvement Program						07/30/2015 Endorsed 07/28/2016 Action on Amendment Five			
				Total					
Amendment/ Adjustment Type ▼	MassDOT Project ID ▼	MassDOT Project Description ▼	MassDOT Funding District ▼ Source ▼	Programmed Funds ▼	Federal Funds ▼	Non-Federal Funds ▼	Additional Information ▼		
Kajustinent Type ▼	Project ID V	Project Description •	District V Source V	runus V	V	runus V	Information ▼		
Statewide ADA Im	nplementation Pla	an							
		No Projects Programmed		\$ -	-	-			
			tewide ADA Implementation Plan Subtotal ▶	\$ -	\$ -	\$ -	■ 80% Federal + 20% Non-Federal		
►Other Statewide I	tems								
		ABP GANS Repayment		\$ -	-	-			
		Award Adjustments, Change Orders, Proj	ect Value	\$ -	-	-			
		Changes, Etc.							
		DBEs, FAPO, Pavement Lab Retrofits, ar	d Misc.	\$ -	-	-			
		Programs							
		Planning		\$ -	-	-			
		Statewide Design and Right of Way		\$ -	-	-			
		Statewide Recreational Trails		\$ -	-	-			
			Other Statewide Items Subtotal >	\$ -	- \$	-			
			Other Statewide Items Subtotal ▶	\$ -	- \$	-			
			Other Statewide Items Subtotal ▶	\$ -		-	_		
►Section 2A / Non-	Federal Projects		Other Statewide Items Subtotal ▶	\$ -		-	☐ ■ Funding Split Varies by Funding Source		
	Federal Projects		Other Statewide Items Subtotal ▶	\$ -	- \$	\$ -	Funding Split Varies by Funding Source		
	Federal Projects	No Projects Programmed	NFA	\$ -	\$ -	\$ -			
	Federal Projects			\$ -	\$ -		Funding Split Varies by Funding Source ■ 100% Non-Federal		
► Non Federal Aid		No Projects Programmed	NFA	\$ -	\$ -	\$ -			
► Section 2A / Non- Non Federal Aid ► Section 2B / Non-	Federal Bridge P	No Projects Programmed rojects	NFA	\$ -		\$ -			
► Non Federal Aid	Federal Bridge P	No Projects Programmed rojects	NFA	\$ -	\$ -	\$ -			

2020 Boston Region MPO TIP Summary Projects ▼ Total ► \$ 92,472,067 \$ 92,472,067 ◀ Total Spending in Region 73,977,654 ◀ Total Federal Spending in Region Federal Funds ► \$ 73,977,654 Non-Federal Funds ► \$ 18,494,413 \$ 18,494,413 ◀ Total Non-Federal Spending in Region

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TIP Section 1: TIP Section 2: Total of All