2016 Bosto	n Region MP	O Transportation Improvement Program					30/2015 Endo 28/2016 Revi		aft Amendmer	at Five
Amendment/ Adjustment Type ▼	MassDOT Project ID ▼	MassDOT Project Description ▼	MassDOT District ▼		al grammed nds ▼	Fed	leral Funds	Non-I	Federal s ▼	Additional Information ▼
Section 1A / Feder	ral Aid Target Pr	ojects								
	Indicates remo Indicates a pro Indicates a pro Indicates a new	nge in project cost ved from TIP (cost not reflected in total) lect moved in from another TIP element lect moved out to another TIP element (cost not reflected in v addition to the TIP (action taken as denoted) v funding category	total)							
► HSIP - Highway Sa	afety Improveme	ent 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
► CMAQ - Congestic	on Mitigation and	d Air Quality Improvement Program WEYMOUTH- INTERSECTION IMPROVEMENTS @ MIDDLE STREET, LIBBEY INDUSTRIAL PARKWAY AND TARA DRIVE	6	CMAQ	\$ 937,326	\$	749,861	\$	187,465	
	606117	BOSTON - TRAFFIC SIGNAL IMPROVEMENTS AT 10 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 loca 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
►TAP - Transportati	ion Altornativos	Program	1	CMAQ Subtotal ▶	\$ 15,466,436	\$	12,373,149	\$	3,093,287	■ 80% Federal + 20% Non-Federal
- IAF - Hansportati	607409	LEXINGTON- RECONSTRUCTION ON MASSACHUSETTS AVENUE, FROM MARRETT	4	TAP	\$ 2,600,000	\$	2,080,000	\$	520,000	TAP+HSIP Total Cost = \$5,200,000
		ROAD TO PLEASANT STREET								

n Region MP	O Transportation Improvement Program						30/2015 Endo 28/2016 Revi		raft Amendmen	it Five
MassDOT Project ID ▼	MassDOT Project Description ▼			Pro	grammed	Fed ▼	deral Funds			Additional Information ▼
AP (Other)										
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
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) Total Cost = \$36,735,048
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 2016-20 TIP)
	MassDOT Project ID ▼ AP (Other) 29492 29492 601630	Project ID ▼ Project Description ▼ AP (Other) 29492 BEDFORD- BILLERICA- BURLINGTON- MIDDLESEX TURNPIKE IMPROVEMENTS, FROM CROSBY DRIVE NORTH TO MANNING ROAD, INCLUDES RECONSTRUCTION OF B-04-006 (PHASE III) 29492 BEDFORD- BILLERICA- BURLINGTON- MIDDLESEX TURNPIKE IMPROVEMENTS, FROM CROSBY DRIVE NORTH TO MANNING ROAD, INCLUDES RECONSTRUCTION OF B-04-006 (PHASE III) 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) 606117 BOSTON - TRAFFIC SIGNAL IMPROVEMENTS AT 10 LOCATIONS 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-	MassDOT Project ID ▼ MassDOT Project ID ▼ MassDOT Project Description ▼ MassDOT District ▼ AP (Other) 29492 BEDFORD- BILLERICA- BURLINGTON- MIDDLESEX TURNPIKE IMPROVEMENTS, FROM CROSBY DRIVE NORTH TO MANNING ROAD, INCLUDES RECONSTRUCTION OF B-04-006 (PHASE III) BEDFORD- BILLERICA- BURLINGTON- MIDDLESEX TURNPIKE IMPROVEMENTS, FROM CROSBY DRIVE NORTH TO MANNING ROAD, INCLUDES RECONSTRUCTION OF B-04-006 (PHASE III) 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) 606117 BOSTON - TRAFFIC SIGNAL IMPROVEMENTS AT 10 LOCATIONS 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-	MassDOT Project ID ▼ NassDOT Project Description ▼ NassDOT Project ID ▼ Project Description ▼ NassDOT Project Description ■ N	MassDOT Project ID ▼ Project Description ▼ District ▼ Source ▼ Funding Project ID ▼ Project Description ▼ District ▼ Source ▼ Funding Project ID ▼ Project Description ▼ Project Description ▼ District ▼ Source ▼ Funding Project ID ▼ Source ▼ Funding District ▼ Source ▼ Street Sunding District ▼ Street Sunding Distr	MassDOT Project ID ▼ Project Description ▼ District ▼ Source ▼ Prunding Programmed Project ID ▼ Project Description ▼ Project Descr	MassDOT Project ID ▼ MassDOT Project Description ▼ MassDOT District ▼ Source ▼ Funding Programmed Fer Funds ▼ Project ID ▼ Project Description ▼ MassDOT District ▼ Source ▼ Funds ▼ Fer	MassDOT	MassDOT	MassDOT

► 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 Mair	ntenance Pro	ogram Subtotal ►	\$ 3,452,617	\$ 2,762,094	\$ 690,523	◀ 80% Federal + 20% Non-Federal

2016 Bosto	n Region MP	O Transportation Improvement Program						30/2015 Endo 28/2016 <mark>Revi</mark>		aft Amendmer	nt Five
Amendment/ Adjustment Type ▼	MassDOT Project ID ▼	MassDOT Project Description ▼	MassDOT District ▼	Funding Source ▼	Total Prog Fund	rammed	Fed	deral Funds	Non-l Fund	Federal s ▼	Additional Information ▼
►On System											
- Cir Cyclein	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	\$ 1	10,059,618	\$	8,047,695	\$	2,011,924	cost increase of \$1,509,870; was \$8,549,748
		_	On S	System Subtotal ▶	\$ 5	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										
		No Projects Programmed			\$	-	\$	-	\$	-	
		Statewide Bridge In	nspection Pr	ogram Subtotal ►	\$	-	\$	-	\$	-	■ 80% Federal + 20% Non-Federal
►Section 1C / Feder	al Aid Non-Tara	at Drainete									
	ai Aiu Noii-Taig	et riojects									
► 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
	1729	WINTHROP- COMMUTER FERRY TO BOSTON	6	HPP	\$	109,075	\$	87,260	\$	21,815	FBD Grant (Pre-MAP-21 23 U.S.C 147); Tota Cost = \$109,075; Equipment Expenses Only Local match provided by Town of Winthrop
AMENDMENT:Add Funding Source	604652	STONEHAM- WINCHESTER- WOBURN- TRI- COMMUNITY BIKEWAY INCLUDING NEW BRIDGE, W-43-029, OVER THE ABERJONA RIVER	4	HPP	\$	1,001,475	\$	801,180	\$	200,295	Repurposed SAFETEA-LU earmark (MA110 CMAQ+Earmark Total Cost = \$6,430,585
AMENDMENT:Add Project	606146	CANTON- NORWOOD- WESTWOOD- DEDHAM STREET/I-95 INTERCHANGE RECONSTRUCTION INCLUDING REHABILITATION/REPLACEMENT OF 5 BRIDGES	6	NHPP	\$	1,142,755	\$	1,028,480	\$	114,276	Infrastructure+State CMAQ = \$16.8 million in FFY 2016; project advertised for \$52 million FFY 2015
AMENDMENT:Add Project	606146	CANTON- NORWOOD- WESTWOOD- DEDHAM STREET/I-95 INTERCHANGE RECONSTRUCTION INCLUDING REHABILITATION/REPLACEMENT OF 5 BRIDGES	6	NHPP	\$	9,305,525	\$	7,444,420	\$	1,861,105	new addition to FFY 2016; NHPP+Bridge+Sta Infrastructure+State CMAQ = \$16.8 million in FFY 2016; project advertised for \$52 million in FFY 2015

2016 Bosto	n Region MP	PO Transportation Improvement Program					/30/2015 Endo /28/2016 Revi	aft Amendmer	nt Five
Amendment/ Adjustment Type ▼	MassDOT Project ID ▼	MassDOT Project Description ▼	MassDOT District ▼	_		al ogrammed nds ▼		ederal	Additional Information ▼
Section 1D / Federa	al Aid Major & \$	State Category Projects							
Statewide Infrastr	ucture Program	1							
	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
MENDMENT:Increase ost	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 201 was \$2,500,000 in FFY 2016AC Year 1 of 3; Total Cost = \$8,250,000
MENDMENT: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+Sta Infrastructure+State CMAQ = \$16.8 million in FFY 2016; project advertised for \$52 million in FFY 2015
	_	Statewide Infra	structure Pr	ogram Subtotal	▶ \$	19,764,490	\$ 15,811,592	\$ 3,952,898	■ 80% Federal + 20% Non-Federal
Statewide HSIP Pr									
	607755	WEYMOUTH- INTERSECTION & SIGNAL IMPROVEMENTS AT 2 LOCATIONS: SR 53 (WASHINGTON STREET) AT MUTTON LANE & PLEASANT STREET	6	HSIP	\$	1,100,000	\$ 990,000	\$ 110,000	
		Statew	ide HSIP Pr	ogram Subtotal	▶ \$	1,100,000	\$ 990,000	\$ 110,000	■ 90% Federal + 10% Non-Federal
► Statewide Safe Ro	utes to School	s Program							
	607997	SAUGUS - SAFE ROUTES TO SCHOOL (VETERANS MEMORIAL)	4	TAP	\$	662,612	\$ 530,090	\$ 132,522	80% Federal + 20% Non-Federal
	607998	EVERETT - SAFE ROUTES TO SCHOOL (MADELAINE ENGLISH)	4	TAP	\$	602,608	\$ 482,086	\$ 120,522	80% Federal + 20% Non-Federal
	607999	REVERE - SAFE ROUTES TO SCHOOL (GARFIELD ELEMENTARY & MIDDLE SCHOOL)	4	TAP	\$	874,113	\$ 699,290	\$ 174,823	80% Federal + 20% Non-Federal
	608000	BEDFORD - SAFE ROUTES TO SCHOOL (JOHN GLENN MIDDLE)	4	TAP	\$	780,000	\$ 624,000	\$ 156,000	80% Federal + 20% Non-Federal
	-	Statewide Safe Routes to	Schools Pr	ogram Subtotal	▶ \$	2,919,333	\$ 2,335,466	\$ 583,867	■ Funding Split Varies by Funding Source

		O Transportation Improvement Program			Tota	al	07/2	28/2016 Revi	sed Draft Amendmer	NT FIVE
Amendment/ Adjustment Type ▼	MassDOT Project ID ▼	MassDOT Project Description ▼	MassDOT District ▼		Pro	aı grammed ıds ▼	Fed	leral Funds	Non-Federal Funds ▼	Additional Information ▼
	,			1	1				1	
Statewide CMAQ			1 -						1 -	
	601579	WAYLAND- SIGNAL & INTERSECTION IMPROVEMENTS AT ROUTE 27 (MAIN STREET) AND ROUTE 30 (COMMONWEALTH ROAD)	3	CMAQ	\$	2,425,710	\$	1,940,568	\$ 485,142	
MENDMENT:Increase	605189	CONCORD- BRUCE FREEMAN RAIL TRAIL CONSTRUCTION, FROM COMMONWEALTH AVENUE TO POWDER MILL ROAD, INCLUDES 2 RAILROAD BRIDGES & 1 CULVERT (PHASE II-C)	4	CMAQ	\$	9,222,654	\$	7,378,123	\$ 1,844,531	additional cost increase of \$1,049,201; initial cost increase of \$2,640,869 (total cost increase of \$3,690,070); was \$5,532,584
	606316	BROOKLINE- PEDESTRIAN BRIDGE REHABILITATION, B-27-016, OVER MBTA OFF CARLTON STREET	6	CMAQ	\$	2,846,700	\$	2,277,360	\$ 569,340	
	608281	FRAMINGHAM- NATICK- ADAPTIVE SIGNAL CONTROL ON ROUTE 9 (WORCESTER ROAD)	3	CMAQ	\$	711,065	\$	568,852	\$ 142,213	adjustment to reflect new addition to Bostor Region MPO TIP; one of the locations identifi for Adaptive Signal Controls
MENDMENT:Add Project	606146	CANTON- NORWOOD- WESTWOOD- DEDHAM STREET/I-95 INTERCHANGE RECONSTRUCTION INCLUDING REHABILITATION/REPLACEMENT OF 5 BRIDGES	6	CMAQ	\$	5,085,582	\$	4,068,466	\$ 1,017,116	new addition to FFY 2016; NHPP+Bridge+St Infrastructure+State CMAQ = \$16.8 million FFY 2016; project advertised for \$52 million FFY 2015
			St	atewide CMAQ ►	\$	20,291,711	\$	16,233,369	\$ 4,058,342	■ 80% Federal + 20% Non-Federal
Statewide Transpo	rtation Enhance	ements								
		No Projects Programmed			1.0			_	_	
					\$	-				
		Statewide Transportat	ion Enhance	ments Subtotal ►		-	\$	-	\$ -	■ 80% Federal + 20% Non-Federal
Statowido ITS			ion Enhance	ments Subtotal ►		-	\$		\$ -	■ 80% Federal + 20% Non-Federal
Statewide ITS			ion Enhance	ments Subtotal ►		-	\$		\$ -	■ 80% Federal + 20% Non-Federal
Statewide ITS		Statewide Transportat		ments Subtotal de ITS Subtotal	\$		\$	-	\$ - \$ -	■ 80% Federal + 20% Non-Federal ■ 80% Federal + 20% Non-Federal
	o Maintonanco	Statewide Transportat			\$	-		-	-	
	e Maintenance	Statewide Transportat No Projects Programmed Program			\$	-		-	-	
	e Maintenance	Statewide Transportat No Projects Programmed Program	Statewi	│ de ITS Subtotal ▶	\$ \$		\$		\$ -	■ 80% Federal + 20% Non-Federal
- Statewide Interstat		Statewide Transportat No Projects Programmed	Statewi	│ de ITS Subtotal ▶	\$ \$			-	-	
- Statewide Interstat - Statewide NHS Pre	servation Prog	Statewide Transportat No Projects Programmed	Statewi	│ de ITS Subtotal ▶	\$ \$		\$		- \$ - \$ -	■ 80% Federal + 20% Non-Federal ■ 90% Federal + 10% Non-Federal
Statewide Interstate Statewide NHS Pre MENDMENT:Increase	servation Prog	Statewide Transportat No Projects Programmed	Statewing Statew	de ITS Subtotal ▶ ogram Subtotal ▶ NHPP	\$ \$	- - - - 8,951,643	\$	7,161,314	\$ - \$ - \$ -	■ 80% Federal + 20% Non-Federal ■ 90% Federal + 10% Non-Federal cost increase of \$1,623,843; was \$7,327,800
- Statewide Interstat - Statewide NHS Pre MENDMENT:Increase cost MENDMENT:Increase	servation Prog	Statewide Transportat No Projects Programmed	Statewin	de ITS Subtotal ▶	\$ \$	-	\$	-	\$ - \$ - \$ -	■ 80% Federal + 20% Non-Federal ■ 90% Federal + 10% Non-Federal cost increase of \$1,623,843; was \$7,327,800
- Statewide Interstat - Statewide NHS Pre MENDMENT:Increase cost MENDMENT:Increase	servation Prog	Statewide Transportat No Projects Programmed	Statewin Sta	de ITS Subtotal ogram Subtotal NHPP	\$ \$	- - - - 8,951,643 4,904,659	\$	7,161,314	\$ - \$ - \$ - \$ - \$ 980,932	■ 80% Federal + 20% Non-Federal ■ 90% Federal + 10% Non-Federal cost increase of \$1,623,843; was \$7,327,800
Statewide Interstate Statewide NHS Pre MENDMENT:Increase ost MENDMENT:Increase ost	servation Progr 608180 607488	Statewide Transportat No Projects Programmed No Projects Programmed Statewide Interstate Mail Statewi	Statewin Sta	de ITS Subtotal ogram Subtotal NHPP	\$ \$	- - - - 8,951,643 4,904,659	\$	7,161,314	\$ - \$ - \$ - \$ - \$ 980,932	■ 80% Federal + 20% Non-Federal ■ 90% Federal + 10% Non-Federal cost increase of \$1,623,843; was \$7,327,800 cost increase of \$1,113,319; was \$3,791,340
- Statewide Interstat - Statewide NHS Pre MENDMENT:Increase ost MENDMENT:Increase ost	servation Progr 608180 607488	Statewide Transportat No Projects Programmed No Projects Programmed Statewide Interstate Mail Statewi	Statewin Sta	de ITS Subtotal ogram Subtotal NHPP	\$ \$	- - - - 8,951,643 4,904,659	\$	7,161,314	\$ - \$ - \$ - \$ - \$ 980,932	■ 80% Federal + 20% Non-Federal ■ 90% Federal + 10% Non-Federal cost increase of \$1,623,843; was \$7,327,800 cost increase of \$1,113,319; was \$3,791,340 ■ 80% Federal + 20% Non-Federal
- Statewide Interstat - Statewide NHS Pre MENDMENT:Increase ost MENDMENT:Increase ost	servation Progr 608180 607488	Statewide Transportat No Projects Programmed No Projects Programmed Statewide Interstate Mail Statewide Interstate Mail Statewide Interstate Mail WELLESLEY- RESURFACING ON ROUTE 9, FROM 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 Statewide NHS Pre	Statewin Statewin Pr	de ITS Subtotal ogram Subtotal NHPP	\$ \$ \$	8,951,643 4,904,659 13,856,302	\$	7,161,314 3,923,727 11,085,042	\$ - \$ - \$ - \$ - \$ 980,932	■ 80% Federal + 20% Non-Federal ■ 90% Federal + 10% Non-Federal cost increase of \$1,623,843; was \$7,327,800 cost increase of \$1,113,319; was \$3,791,340
Statewide Interstate Statewide NHS Pre MENDMENT:Increase Cost MENDMENT:Increase Cost Statewide RR Grad	servation Progr 608180 607488	Statewide Transportat No Projects Programmed	Statewin Statewin Pr	de ITS Subtotal ogram Subtotal NHPP NHPP ogram Subtotal ogram Subtotal	\$ \$ \$	8,951,643 4,904,659 13,856,302	\$	7,161,314 3,923,727 11,085,042	\$ - \$ - \$ - \$ - \$ 2,771,260	■ 80% Federal + 20% Non-Federal ■ 90% Federal + 10% Non-Federal cost increase of \$1,623,843; was \$7,327,800 cost increase of \$1,113,319; was \$3,791,340 ■ 80% Federal + 20% Non-Federal
Statewide ITS Statewide Interstate Statewide NHS PreumENDMENT:Increase Cost MENDMENT:Increase Cost Statewide RR Grade Statewide Stormwa	servation Progr 608180 607488	Statewide Transportat No Projects Programmed No Projects Programmed Statewide Interstate Mail Statewide Interstate Mail Statewide Interstate Mail WELLESLEY- RESURFACING ON ROUTE 9, FROM 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 Statewide NHS Pre	Statewin Statewin Pr	de ITS Subtotal ogram Subtotal NHPP NHPP ogram Subtotal ogram Subtotal	\$ \$ \$	8,951,643 4,904,659 13,856,302	\$	7,161,314 3,923,727 11,085,042	\$ - \$ - \$ - \$ - \$ 2,771,260	■ 80% Federal + 20% Non-Federal ■ 90% Federal + 10% Non-Federal cost increase of \$1,623,843; was \$7,327,800 cost increase of \$1,113,319; was \$3,791,340 ■ 80% Federal + 20% Non-Federal

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nendment/ justment Type ▼	MassDOT Project ID ▼	MassDOT Project Description ▼	MassDOT District ▼		Total Programmed Funds ▼	Federal Funds ▼	Non-Federal Funds ▼	Additional Information ▼
Statewide ADA In	nplementation Pla	an						
		No Projects Programmed			\$ -	-	-	
	-	Statewide ADA	Implementatio	n Plan Subtotal I	\$ -	\$ -	\$ -	■ 80% Federal + 20% Non-Federal
Other Statewide I	tome							
other otatewide i	tems	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			\$ -	-	-	
ection 2A / Non-	Federal Projects		_					
	Federal Projects			NFA	\$ 447.000		\$ 447.000	Lists cash flows (based on state fiscal year
	1568	FAIRMOUNT IMPROVEMENTS	N/A	NFA	\$ 447,000		\$ 447,000	, , ,
			N/A	NFA NFA	\$ 447,000 \$ 29,000,000		\$ 447,000 \$ 29,000,000	MassDOT made a formal request on Aug. 1 2011, to remove this project from the State
	1568	FAIRMOUNT IMPROVEMENTS	N/A	NFA	,		\$ 29,000,000	MassDOT made a formal request on Aug. 1 2011, to remove this project from the State Implementation Plan regulation. The MPO i continuing to reference this project in the
Non Federal Aid	1568	FAIRMOUNT IMPROVEMENTS 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 i continuing to reference this project in the document until the process is complete.
Non Federal Aid	1568 1572 -Federal Bridge P	FAIRMOUNT IMPROVEMENTS RED LINE-BLUE LINE CONNECTOR DESIGN Projects	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 Federal Aid Section 2B / Non-	1568	FAIRMOUNT IMPROVEMENTS RED LINE-BLUE LINE CONNECTOR DESIGN Projects Projects	N/A Non-Fede	NFA eral Aid Subtotall	\$ 29,000,000 \$ 29,447,000		\$ 29,000,000	document until the process is complete.
Non Federal Aid Section 2B / Non-	1568 1572 -Federal Bridge P	FAIRMOUNT IMPROVEMENTS RED LINE-BLUE LINE CONNECTOR DESIGN Projects	N/A Non-Fede	NFA eral Aid Subtotall	\$ 29,000,000 > \$ 29,447,000		\$ 29,000,000	MassDOT made a formal request on Aug. 1 2011, to remove this project from the State Implementation Plan regulation. The MPO i continuing to reference this project in the document until the process is complete.
	1568 1572 -Federal Bridge P	FAIRMOUNT IMPROVEMENTS RED LINE-BLUE LINE CONNECTOR DESIGN Projects No Projects Programmed	N/A Non-Fede	NFA eral Aid Subtotall	\$ 29,000,000 • \$ 29,447,000 • \$ - • \$ -	-	\$ 29,000,000 \$ 29,447,000	MassDOT made a formal request on Aug. 1 2011, to remove this project from the State Implementation Plan regulation. The MPO i continuing to reference this project in the document until the process is complete. ■100% Non-Federal
Non Federal Aid Section 2B / Non- Section 2B / Non-	1568 1572 Federal Bridge P	FAIRMOUNT IMPROVEMENTS RED LINE-BLUE LINE CONNECTOR DESIGN Projects No Projects Programmed	N/A Non-Fede	NFA eral Aid Subtotall	\$ 29,000,000	TIP Section 2:	\$ 29,000,000	MassDOT made a formal request on Aug. 1 2011, to remove this project from the State Implementation Plan regulation. The MPO i continuing to reference this project in the document until the process is complete. ■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

FTA Transit Project Earmark Federal Program ▼ Authority ▼ Description ▼ Details ▼ Funds ▼ RTACAP ▼ MAP ▼ ICB ▼ TDC ▼ SCA ▼ Funds ▼ Cost ▼ Additional Information			Regional		Carryover or			Sta	ate Match So	urces				
Program ▼ Authority ▼ Description ▼ Details ▼ Funds ▼ RTACAP ▼ MAP ▼ ICB ▼ TDC ▼ SCA ▼ Funds ▼ Cost ▼ Additional Information	FT	A	Transit	Project	Earmark	Federal						Local	Total	
	Pre	ogram ▼	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

	indicates a r	new funding category																		
							1			ı		1		1						Г
		PREVENTIVE																		
5307	MBTA	MAINTENANCE		\$ 12,000				\$	-	\$	-	\$	-	\$	-	\$	3,000,000		5,000,000	
5307	MBTA	Bus Procurement Phase II		\$135,203	3,626	\$	-	\$	-	\$	-	\$	-	\$	-	\$	33,800,907	\$16	9,004,533	
		ACQUISITION OF BUS																		
		SUPPORT																		
5307	MWRTA	EQUIP/FACILITIES		\$ 283	3,056	\$ 70	,765	\$	-	\$	-	\$	-	\$	-	\$	-	\$	353,821	
		NON FIXED ROUTE ADA																		
5307	MWRTA	PARA SERV		\$ 1,300	0,000	\$	-	\$	-	\$	-	\$	-	\$	325,000	\$	-	\$	1,625,000	
		TERMINAL,																		
5307	MWRTA	INTERMODAL (TRANSIT)		\$ 150	0,000	\$ 37	,500	\$	-	\$	-	\$	-	\$	-	\$	-	\$	187,500	
5307	MWRTA	Mobility Management		\$ 25	5,000	\$ 6	,250	\$	-	\$	-	\$	-	\$	-	\$	-	\$	31,250	
		ACQ - MISC EQP MATCH																		new addition; match is
5307	CATA	IN 17		\$ 23	3,329			\$	-	\$	-	\$	-	\$	-	\$	-	\$	23,329	listed in FFY 2017
		ACQ-SUPPORT																		new addition; match is
5307	CATA	VEHICLES MATCH IN 17		\$ 52	2,000			\$	-	\$	-	\$	-	\$	-	\$	-	\$	52,000	listed in FFY 2017
		ACQ-IT EQP MATCH IN																		new addition; match is
5307	CATA	17		\$ 40	0,000			\$	-	\$	-	\$	-	\$	-	\$	-	\$	40,000	listed in FFY 2017
		PREVENTIVE																		new addition
5307	CATA	MAINTENANCE		\$ 325	5,000			\$	-	\$	-	\$	-	\$	-	\$	81,250	\$	406,250	
		5	307 Subtotal ▶	\$149,402	2,011	\$ 114	,515	\$	-	\$	-	\$	-	\$	325,000	\$	36,882,157	\$18	36,723,683	
							,													!
5337	MBTA	Bridge & Tunnel Program		\$ 85,000	0,000	\$	-	\$	-	\$	-	\$	-	\$	_	\$	21,250,000	\$10	6,250,000	
		Green Line Type 7																		
		Selective Systems																		
5337	MBTA	Overhaul		\$ 27,937	7,290	\$	_	\$	_	\$	-	\$	-	\$	_	\$	6,984,323	\$ 3	34,921,613	
5337	MBTA	Kawasaki Coaches		\$ 30,109				\$	-	\$	-	\$	-	\$	-	\$	7,527,326	-		
5337	MBTA	Positive Train Control		\$ 60,000				\$	-	\$	-	\$	-	\$	-		94,846,578	-	54,846,578	
			337 Subtotal ▶	\$203,046				\$		\$	-	\$		\$			30,608,227	-	33,654,821	
				,,	.,	1 *	1	*		1 *		1 *		1 *		ͺͺ	,	750	, ,	l
5339	MBTA	Systems Upgrades		\$ 5,287	7 027	\$	_ 1	\$		\$	-	\$	_	\$	_	\$	1,321,757	\$	6,608,784	
0000	INDIA		339 Subtotal ▶		7,027			\$	-	\$	-	\$	-	\$	-	\$	1,321,757		6,608,784	
		5	333 Subloidi P	φ 5,267	,027	Ψ	-	φ	-	Þ	-	P	-	Þ	•	Ф	1,321,131	Ð	0,000,704	l

2016 Boston Region MPO Transportation Improvement Program

	Regional		Carryover or			_			— Sta	ate M	atch So	urces -			_					
FTA	Transit	Project	Earmark	Fede					_		_				_	Local	_	Tota		
Program ▼	Authority ▼	Description ▼ Buy <30-Ft Bus for	Details ▼	Func	ds ▼	KIAC	CAP ▼	MAP	•	ICB	V	TDC ▼		SCA V		Funds	V	Cos	st ▼	Additional Information ▼
5310	CATA	Expansion	N/A	\$	45,662	\$	_	\$	11,415	s	_	\$	_	\$	_	\$	_	\$	57,077	
00.0		Buy Replacement <30-Ft	1071	1	10,002	Ÿ		Ψ	11,110	_		Ψ		Ψ		.		Ť	01,011	
5310	CATA	Bus (2)	N/A	\$	109,278	\$	-	\$	27,320	\$	-	\$	-	\$	-	\$	-	\$	136,598	
	Greater Lynn																			
	Senior Services,	Buy Replacement <30-Ft																		
5310	Inc.	Bus (8)	N/A	\$	365,293	\$	-	\$	91,323	\$	-	\$	-	\$	-	\$	-	\$	456,616	
	Greater Lynn																			
5310	Senior Services, Inc.	Planning	N/A	\$	211,678	\$	_	\$	52,920	e e	_	\$	_	\$	_	\$		\$	264,598	
5510	HealthCare	Buy Replacement Vans	IN/A	Ф	211,070	Ф		Ф	52,920	Ф		Ф		Þ		Ф	-	Ð	204,590	
5310	Options Inc.	(4)	N/A			\$	_	\$ 1	199,078	\$	_	\$	_	\$	_	\$	_	\$	199,078	
00.0	Littleton Council	Engineering and Design	1071			Ψ		Ψ.	100,010	<u> </u>		Ψ		Ψ		.		Ť	100,010	
5310	on Aging	<30-Ft Bus	N/A			\$	-	\$	49,770	\$	-	\$	-	\$	-	\$	-	\$	49,770	
	MetroWest																			
		Buy Replacement <30-Ft																		
5310	Authority	Bus (12)	N/A	\$	502,601	\$	-	\$ 2	233,666	\$	-	\$	-	\$	-	\$	-	\$	736,267	
	MetroWest																			
F240	Regional Transit Authority	Mobility Management	N/A	\$	330,000	•		\$	82,500	•		\$		\$		•		\$	412,500	
5310	Mystic Valley	Coordination of Non-	IN/A	Э	330,000	Ф		Ф	82,500	ф	-	Ф	-	Ф	-	\$	-	Þ	412,500	
	Elder Services,	Emergency Human																		
5310	Inc.	Service Transportation	N/A	\$	132,781	\$	_	\$	33,195	\$	_	\$	_	\$	_	\$	_	\$	165,976	
	Peabody Council	Engineering and Design																		
5310	on Aging	STD <30-Ft Bus (6)	N/A			\$	-	\$ 2	286,843	\$	-	\$	-	\$	-	\$	-	\$	286,843	
	Randolph	Buy <30-Ft Bus for																		
5310	Council on Aging	· ·	N/A			\$	-	\$	37,740	\$	-	\$	-	\$	-	\$	-	\$	37,740	
	SCM Community																			
F240	Transportation Inc	Buy Replacement Vans (6)	N/A			\$		e -	000 040	•		\$	_	\$		\$		\$	266,342	
5310		Engineering and Design	IN/A			Ф	-	Ф 2	266,342	ф	-	Ф	-	Ф	-	Þ	-	Þ	200,342	
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	Un to 500/ Fodoval Object			40.04=				40.04=					•						
5310	Coalition	Up to 50% Federal Share	N/A	\$	46,947	\$	-		46,947	\$	-	\$	-	\$	-	\$	-	\$	93,894	
			5310 Subtotal ▶	\$	1,973,473	\$	-	\$1,7	715,994	\$	-	\$	-	\$	-	\$	-	\$	3,689,467	

	Regional		Carryover or					— St	ate Mat	ch So	urces				
FTA Program ▼	Transit Authority ▼	Project Description ▼	Earmark Details ▼	Federal Funds ▼	RT	ACAP ▼	MAP	▼	ICB ▼		TDC ▼	SCA ▼	Local Funds ▼	Total Cost ▼	Additional Information
															The Green Line Extensio
															project cash flows began
															programming New Starts funding in FFY 2015.
															\$1,270,262,000 of the
		GREEN LINE													\$1,992,243,000 project
		EXTENSION PROJECT-													cost is programmed in
		EXTENSION TO COLLEGE AVENUE													FFYs 2016-19, and the
		WITH THE UNION													remaining funding will be included in future years or
5309	MBTA	SQUARE SPUR	N/A	\$150,000,000	0 \$	-	\$	_	\$	_	\$ -	\$ -	\$217,838,000	\$367,838,000	the TIP.
			5309 Subtotal ▶	\$150,000,000	0 \$	-	\$	-	\$		\$ -	\$ -	\$ 217,838,000	\$367,838,000	
	Т	I	1	1.			1 -					-	1.	1.	1
SoGR		No Projects Programmed	N/A	\$ -	\$	-	\$	-	\$	-	\$ -	\$ -	\$ -	\$ -	
Livability TIGER		No Projects Programmed	N/A	\$ - \$ -	\$	-	\$	•	\$	-	\$ -	\$ -	\$ -	\$ -	
TIGER		No Projects Programmed	N/A rants Subtotal ►	_ · ·	\$ \$	-	\$ \$	-	\$ \$	-	\$ - \$ -	\$ - \$ -	\$ - \$ -	\$ - \$ -	
		G	rants Subtotal P	.	1.3	•	Þ	-	Þ	-	3 -	.	.	3 -	
		BUY REPLACEMENT 30-													
Other	CATA	FT BUS (4)	N/A	\$ -	\$	800,000	\$	-	\$	-	\$ -	\$ -	\$ -	\$ 800,000	
		SHOP EQ/SOFTWARE							_		_				
Other	CATA	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 -	IVA	Φ -	Ф	15,000	Ą		φ		Φ -	Φ -	Φ -	\$ 15,600	
Other	CATA	Match for FY15	N/A	\$ -	\$	4,176	\$	_	\$	_	\$ -	\$ -	\$ -	\$ 4,176	
		REHAB/RENOVATE -		-	-	.,	-		1		· ·	Ť	,	,,,,,	
Other	MWRTA	BUS TERMINAL	N/A	\$ -	\$	970,000	\$	-	\$	-	\$ -	\$ -	\$ -	\$ 970,000	
			Other Subtotal >	\$ -	\$1	,799,776	\$	-	\$	-	\$ -	\$ -	\$ -	\$ 1,799,776	
			Total▶	\$509,709,10	E 61	044 204	64.7	15 004	•		\$ -	\$ 325,000	\$ 206 6E0 440	\$900,314,530	
			Iotai	\$505,705,10 6	J 41	,514,251	Ψ1,1	15,554	Ψ	-	.	φ 323,000	\$ 300,030,140	\$900,314,550	
Fiscal Constr	raint Analysis														
Federal									State						
Funding			/./	`					Fundir	-	Programmed			/ \	
Source ▼	Programmed ▼		`	-) ▼	_				Source		▼	Available ▼	•	/-) ▼	
FFY 16 / 5307		\$ 149,402,011	\$ -	Available	_				RT		\$ 1,914,291	\$ 1,999,792			
FFY 16 / 5337	\$ 203,046,594	\$ 203,046,594	\$ -	Available						MAP	\$ 1,715,994	\$ -	\$ (1,715,994) Over Programmed	
FFY 16 / 5339	9 \$ 5,287,027	\$ 5,287,027	\$ -	Available	-				IT	CCAP	\$ -	\$ -	\$ -	Available	
FFY 16 / 5310			\$ (1,973,473)							SCA		\$ 3,234,526			
	,,	·	. (.,,)	Programmed							,500	,,,	,:::,020		
EEV 16 / 5300	\$ 150,000,000	\$ 150,000,000	s -	Available						TDC	\$ -				1

2017 Boston	n Region MPC	Transportation Improvement Program			07/30/2015 Endo 07/28/2016 Revis	rsed sed Draft Amendmen	t Five
Amendment/ Adjustment Type ▼	MassDOT Project ID ▼		MassDOT District ▼	 Total Programmed Funds ▼		Non-Federal Funds ▼	Additional 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
--	---	--------	---------	--------	-------------	---------

r non ingilitaly outers imp										
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
			UCID Cubtotal ►	Φ	7 761 212	Φ	6 005 002	Φ	776 121	■ 00% Endoral ± 10% Non Endoral

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
1	SOUTHBOROUGH- RECONSTRUCTION OF MAIN STREET (ROUTE 30), FROM SEARS ROAD TO PARK STREET	3	СМАQ	\$ 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

CMAQ Subtotal ▶ 3 16,937,401 | \$ 13,549,921 | \$ 3,387,480 | ◀ 80% Federal + 20% Non-Federa

►TAP - Transportation Alternatives Program

	(Critewiti Erei)		TAP Subtotal ▶	\$ 5,171,220	\$ 4,136,976	\$ 1,034,244	■ 80% Federal + 20% Non-Federal
605110	BROOKLINE- INTERSECTION & SIGNAL IMPROVEMENTS @ ROUTE 9 & VILLAGE SQUARE (GATEWAY EAST)	6	TAP	\$ 2,346,838	\$ 1,877,470	\$ 469,368	STP+TAP+CMAQ+Private Sector Contribution (\$1,000,000) Total Cost = \$5,818,649
	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

n Region MP	O Transportation Improvement Program								nt Five
MassDOT Project ID ▼	MassDOT Project Description ▼					Federal Fi			Additional Information ▼
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	\$ 13,36	60,000	\$ 10,688	8,000	\$ 2,672,000	AC Yr 4 of 5; NHPP+BR+Statewide Infrastructure Total Cost = \$164,919,140 (\$50,725,206 programmed within FFYs 2016-20 TIP)
1570	GREEN LINE EXTENSION PROJECT- EXTENSION TO COLLEGE AVENUE WITH THE UNION SQUARE SPUR	N/A	STP	\$ 16,4	72,780	\$ 13,178	8,224	\$ 3,294,556	funding flexed to FTA; match provided by local contributions; additional funding programmed for GLX in FFY 2017 (other funds under Transit - Section 5309)
29492	BEDFORD- BILLERICA- BURLINGTON- MIDDLESEX TURNPIKE IMPROVEMENTS, FROM CROSBY DRIVE NORTH TO MANNING ROAD, INCLUDES RECONSTRUCTION OF B-04-006 (PHASE III)	4	STP	\$ 6,60	04,906	\$ 5,283	3,925	\$ 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
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	\$ 12,8	50,000	\$ 10,280	0,000	\$ 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	\$ 3,19	95,430	\$ 2,556	6,344	\$ 639,086	HSIP+STP Total Cost = \$3,994,287
605110	BROOKLINE- INTERSECTION & SIGNAL IMPROVEMENTS @ ROUTE 9 & VILLAGE SQUARE (GATEWAY EAST)	6	STP	\$ 2,00	00,000	\$ 1,600	0,000	\$ 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	\$ 3,00	00,000	\$ 2,400	0,000	\$ 600,000	STP+CMAQ+TAP Total Cost = \$6,862,752
604810	MARLBOROUGH- RECONSTRUCTION OF ROUTE 85 (MAPLE STREET)	3	STP	\$ 2	15,909	\$ 172	2,727	\$ 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	\$ 1,18	88,210	\$ 950	0,568	\$ 237,642	STP+HSIP Total Cost = \$4,752,838
	MassDOT Project ID ▼ AP (Other) 603711 1570 29492 601630 607309 605110 604989 604810	Project ID ▼ Project Description▼ Project ID ▼ Project Description▼	MassDOT Project ID ▼ Need Description ▼ Need Description ▼	MassDOT Project ID ▼ MassDOT Project Description ▼ MassDOT District ▼ Source ▼	MassDOT Project ID ▼ Project Description ▼ District ▼ District ▼ Source ▼ Program Funds ▼ Project ID ▼ Project Description ▼ Project ID ▼ Project Description ▼ Project ID ▼ Project Description ▼ Project ID	MassDOT	MassDOT	MassDOT	MassDOT Project ID ▼ Project Description ▼ MassDOT Project Description ▼ Project Descript

► 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)

assDOT oject ID ▼ id Bridge P ntenance Pr 4173 7954 6553 4952		District V intenance P 6 4 6	NHPP NHPP NHPP NHPP	\$ 12,98 \$ 10,5 ² \$ 12,98	- - - - - - - - - - - - - - - - - - -	\$ \$ \$	10,387,200 8,411,178 10,364,480 5,440,000	S \$ \$ \$ \$		
4173 7954 6553	Ogram No Projects Programmed Statewide Bridge Mai BOSTON- BRIDGE REHABILITATION, B-16-016, NORTH WASHINGTON STREET OVER THE CHARLES RIVER DANVERS - BRIDGE REPLACEMENT, D-03-018, ROUTE 128 OVER WATERS RIVER HANOVER- NORWELL- SUPERSTRUCTURE REPLACEMENT, H-06-010, ST 3 OVER ST 123 (WEBSTER STREET) & N-24-003, ST 3 OVER ST 123 (HIGH STREET) LYNN- SAUGUS- BRIDGE REPLACEMENT, L-18- 016=S-05-008, ROUTE 107 OVER THE SAUGUS RIVER (AKA - BELDEN G. BLY BRIDGE) 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 4 6	NHPP NHPP NHPP NHPP	\$ 12,98 \$ 10,5° \$ 12,98 \$ 6,80	984,000 913,973 955,600	\$ \$	10,387,200 8,411,178 10,364,480 5,440,000	\$ \$	2,596,800 2,102,795 2,591,120 1,360,000	AC Yr 1 of 4; Total Cost = \$112,700,000 AC Yr 2 of 2; Total Cost = \$41,955,600 AC Yr 1 of 4; Total Cost = \$45,000,000 cost increase of \$21,758,750 million; AC Yr 2 4; STP+HSIP+TEA-21 Earmark (MA1236)+E
4173 7954 6553 4952	No Projects Programmed Statewide Bridge Mai BOSTON- BRIDGE REHABILITATION, B-16-016, NORTH WASHINGTON STREET OVER THE CHARLES RIVER DANVERS - BRIDGE REPLACEMENT, D-03-018, ROUTE 128 OVER WATERS RIVER HANOVER- NORWELL- SUPERSTRUCTURE REPLACEMENT, H-06-010, ST 3 OVER ST 123 (WEBSTER STREET) & N-24-003, ST 3 OVER ST 123 (HIGH STREET) LYNN- SAUGUS- BRIDGE REPLACEMENT, L-18- 016=S-05-008, ROUTE 107 OVER THE SAUGUS RIVER (AKA - BELDEN G. BLY BRIDGE) 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 4 6	NHPP NHPP NHPP NHPP	\$ 12,98 \$ 10,5° \$ 12,98 \$ 6,80	984,000 913,973 955,600	\$ \$	10,387,200 8,411,178 10,364,480 5,440,000	\$ \$	2,596,800 2,102,795 2,591,120 1,360,000	AC Yr 1 of 4; Total Cost = \$112,700,000 AC Yr 2 of 2; Total Cost = \$41,955,600 AC Yr 1 of 4; Total Cost = \$45,000,000 cost increase of \$21,758,750 million; AC Yr 2 4; STP+HSIP+TEA-21 Earmark (MA1236)+E
7954 6553 4952	BOSTON- BRIDGE REHABILITATION, B-16-016, NORTH WASHINGTON STREET OVER THE CHARLES RIVER DANVERS - BRIDGE REPLACEMENT, D-03-018, ROUTE 128 OVER WATERS RIVER HANOVER- NORWELL- SUPERSTRUCTURE REPLACEMENT, H-06-010, ST 3 OVER ST 123 (WEBSTER STREET) & N-24-003, ST 3 OVER ST 123 (HIGH STREET) LYNN- SAUGUS- BRIDGE REPLACEMENT, L-18- 016=S-05-008, ROUTE 107 OVER THE SAUGUS RIVER (AKA - BELDEN G. BLY BRIDGE) 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 4 6	NHPP NHPP NHPP NHPP	\$ 12,98 \$ 10,5° \$ 12,98 \$ 6,80	984,000 913,973 955,600	\$ \$	10,387,200 8,411,178 10,364,480 5,440,000	\$ \$	2,596,800 2,102,795 2,591,120 1,360,000	AC Yr 1 of 4; Total Cost = \$112,700,000 AC Yr 2 of 2; Total Cost = \$41,955,600 AC Yr 1 of 4; Total Cost = \$45,000,000 cost increase of \$21,758,750 million; AC Yr 2 4; STP+HSIP+TEA-21 Earmark (MA1236)+E
7954 6553 4952	BOSTON- BRIDGE REHABILITATION, B-16-016, NORTH WASHINGTON STREET OVER THE CHARLES RIVER DANVERS - BRIDGE REPLACEMENT, D-03-018, ROUTE 128 OVER WATERS RIVER HANOVER- NORWELL- SUPERSTRUCTURE REPLACEMENT, H-06-010, ST 3 OVER ST 123 (WEBSTER STREET) & N-24-003, ST 3 OVER ST 123 (HIGH STREET) LYNN- SAUGUS- BRIDGE REPLACEMENT, L-18- 016=S-05-008, ROUTE 107 OVER THE SAUGUS RIVER (AKA - BELDEN G. BLY BRIDGE) 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 4 6	NHPP NHPP NHPP NHPP	\$ 12,98 \$ 10,5° \$ 12,98 \$ 6,80	984,000 913,973 955,600	\$ \$	10,387,200 8,411,178 10,364,480 5,440,000	\$ \$	2,596,800 2,102,795 2,591,120 1,360,000	AC Yr 1 of 4; Total Cost = \$112,700,000 AC Yr 2 of 2; Total Cost = \$41,955,600 AC Yr 1 of 4; Total Cost = \$45,000,000 cost increase of \$21,758,750 million; AC Yr 2 4; STP+HSIP+TEA-21 Earmark (MA1236)+E
7954 6553 4952	NORTH WASHINGTON STREET OVER THE CHARLES RIVER DANVERS - BRIDGE REPLACEMENT, D-03-018, ROUTE 128 OVER WATERS RIVER HANOVER- NORWELL- SUPERSTRUCTURE REPLACEMENT, H-06-010, ST 3 OVER ST 123 (WEBSTER STREET) & N-24-003, ST 3 OVER ST 123 (HIGH STREET) LYNN- SAUGUS- BRIDGE REPLACEMENT, L-18-016=S-05-008, ROUTE 107 OVER THE SAUGUS RIVER (AKA - BELDEN G. BLY BRIDGE) 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	NHPP NHPP NHPP	\$ 10,57 \$ 12,95 \$ 6,80	13,973	\$ \$	8,411,178 10,364,480 5,440,000	\$ \$	2,102,795 2,591,120 1,360,000	AC Yr 2 of 2; Total Cost = \$41,955,600 AC Yr 1 of 4; Total Cost = \$45,000,000 cost increase of \$21,758,750 million; AC Yr 2 4; STP+HSIP+TEA-21 Earmark (MA1236)+
7954 6553 4952	NORTH WASHINGTON STREET OVER THE CHARLES RIVER DANVERS - BRIDGE REPLACEMENT, D-03-018, ROUTE 128 OVER WATERS RIVER HANOVER- NORWELL- SUPERSTRUCTURE REPLACEMENT, H-06-010, ST 3 OVER ST 123 (WEBSTER STREET) & N-24-003, ST 3 OVER ST 123 (HIGH STREET) LYNN- SAUGUS- BRIDGE REPLACEMENT, L-18-016=S-05-008, ROUTE 107 OVER THE SAUGUS RIVER (AKA - BELDEN G. BLY BRIDGE) 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	NHPP NHPP NHPP	\$ 10,57 \$ 12,95 \$ 6,80	13,973	\$ \$	8,411,178 10,364,480 5,440,000	\$ \$	2,102,795 2,591,120 1,360,000	AC Yr 2 of 2; Total Cost = \$41,955,600 AC Yr 1 of 4; Total Cost = \$45,000,000 cost increase of \$21,758,750 million; AC Yr 2 4; STP+HSIP+TEA-21 Earmark (MA1236)+E
6553 4952	DANVERS - BRIDGE REPLACEMENT, D-03-018, ROUTE 128 OVER WATERS RIVER HANOVER- NORWELL- SUPERSTRUCTURE REPLACEMENT, H-06-010, ST 3 OVER ST 123 (WEBSTER STREET) & N-24-003, ST 3 OVER ST 123 (HIGH STREET) LYNN- SAUGUS- BRIDGE REPLACEMENT, L-18-016=S-05-008, ROUTE 107 OVER THE SAUGUS RIVER (AKA - BELDEN G. BLY BRIDGE) 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 4	NHPP NHPP	\$ 12,95 \$ 6,80	955,600	\$	10,364,480 5,440,000	\$	2,591,120	AC Yr 1 of 4; Total Cost = \$45,000,000 cost increase of \$21,758,750 million; AC Yr 2 4; STP+HSIP+TEA-21 Earmark (MA1236)+
4952	REPLACEMENT, H-06-010, ST 3 OVER ST 123 (WEBSTER STREET) & N-24-003, ST 3 OVER ST 123 (HIGH STREET) LYNN- SAUGUS- BRIDGE REPLACEMENT, L-18- 016=S-05-008, ROUTE 107 OVER THE SAUGUS RIVER (AKA - BELDEN G. BLY BRIDGE) 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	4	NHPP	\$ 6,80	600,000	\$	5,440,000	\$	1,360,000	AC Yr 1 of 4; Total Cost = \$45,000,000 cost increase of \$21,758,750 million; AC Yr 2 4; STP+HSIP+TEA-21 Earmark (MA1236)+
	016=S-05-008, ROUTE 107 OVER THE SAUGUS RIVER (AKA - BELDEN G. BLY BRIDGE) 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	NHPP						<u> </u>	cost increase of \$21,758,750 million; AC Yr 2 4; STP+HSIP+TEA-21 Earmark (MA1236)+E
1630	WIDENING ON ROUTE 18 (MAIN STREET) FROM HIGHLAND PLACE TO ROUTE 139 (4.0 MILES) INCLUDES REPLACING W-32-013, ROUTE 18 OVER			\$ 21,75	58,750	\$	17,407,000	\$	4,351,750	4; STP+HSIP+TEA-21 Earmark (MA1236)+I
		On :								Total Cost = \$81,812,268; was \$60,053,51
			System Subtotal 🕨	\$ 65,01	12,323	\$	52,009,858	\$	13,002,465	■ 80% Federal + 20% Non-Federal
	No Projects Programmed			\$	-	\$		\$		
		Off-	System Subtotal >	\$	-	\$	-	\$	-	■ 80% Federal + 20% Non-Federal
						•				_
tion Program	No Projects Programmed			\$		\$		\$		
	Statewide Bridge II	nspection P	rogram Subtotal ▶	-		\$		\$		■ 80% Federal + 20% Non-Federal
	•	·								_
id Non Torr	vot Ducinoto									
iu Non-Tar	get Projects									
1630	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)	\$ 6,17	71,760	\$	4,937,408	\$	1,234,352	AC Yr 2 of 4; STP+HSIP+TEA-21 Earmar (MA1236)+BR Total Cost = \$81,812,268
492	NORTH TO MANNING ROAD, INCLUDES	4	HPP	\$ 1,00	01,475	\$	801,180	\$	200,295	Repurposed SAFETEA-LU earmark (MA17 AC Yr 2 of 2; STP+NHPP+TAP+Earmark+Statewide Infrastructure+Northern Middlesex Council Governments contribution (\$1,000,000) To Cost = \$36,735,048
163	0	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) BEDFORD- BILLERICA- BURLINGTON- MIDDLESEX TURNPIKE IMPROVEMENTS, FROM CROSBY DRIVE	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) BEDFORD- BILLERICA- BURLINGTON- MIDDLESEX TURNPIKE IMPROVEMENTS, FROM CROSBY DRIVE NORTH TO MANNING ROAD, INCLUDES 4	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) BEDFORD- BILLERICA- BURLINGTON- MIDDLESEX TURNPIKE IMPROVEMENTS, FROM CROSBY DRIVE NORTH TO MANNING ROAD, INCLUDES	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) BEDFORD- BILLERICA- BURLINGTON- MIDDLESEX TURNPIKE IMPROVEMENTS, FROM CROSBY DRIVE NORTH TO MANNING ROAD, INCLUDES	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) BEDFORD- BILLERICA- BURLINGTON- MIDDLESEX TURNPIKE IMPROVEMENTS, FROM CROSBY DRIVE NORTH TO MANNING ROAD, INCLUDES HPP \$ 1,001,475	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) BEDFORD- BILLERICA- BURLINGTON- MIDDLESEX TURNPIKE IMPROVEMENTS, FROM CROSBY DRIVE NORTH TO MANNING ROAD, INCLUDES	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) BEDFORD- BILLERICA- BURLINGTON- MIDDLESEX TURNPIKE IMPROVEMENTS, FROM CROSBY DRIVE NORTH TO MANNING ROAD, INCLUDES HPP \$ 1,001,475 \$ 801,180	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) BEDFORD- BILLERICA- BURLINGTON- MIDDLESEX TURNPIKE IMPROVEMENTS, FROM CROSBY DRIVE NORTH TO MANNING ROAD, INCLUDES HPP \$ 1,001,475 \$ 801,180 \$	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) BEDFORD- BILLERICA- BURLINGTON- MIDDLESEX TURNPIKE IMPROVEMENTS, FROM CROSBY DRIVE NORTH TO MANNING ROAD, INCLUDES HPP (1998) \$ 6,171,760 \$ 4,937,408 \$ 1,234,352

2017 Bosto	n Region MP	O Transportation Improvement Program					30/2015 Endo 28/2016 Revi	orsed sed Draft Amendme	ent Five
Amendment/ Adjustment Type ▼	MassDOT Project ID ▼	MassDOT Project Description ▼	MassDOT District ▼	Funding Source ▼	tal ogrammed nds ▼	Fec	leral Funds	Non-Federal Funds ▼	Additional Information ▼
Section 1D / Feder	al Aid Major & S	State Category Projects							
► Statewide Infrastr	ucturo Program								
Statewide IIII asti	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 20 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	\$ 1,287,44	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) Tota Cost = \$36,735,048; was \$29,296,348
		Statewide Infra	structure Pr	ogram Subtotal ▶	\$ 8,937,225	\$	7,149,780	\$ 1,787,44	5 ■ 80% Federal + 20% Non-Federal
► Statewide HSIP P	rogram								
- Gutowide Heil	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 Re	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	\$ 331,50	■ Funding Split Varies by Funding Source
Ctatamida CMAC									
➤ Statewide CMAQ	602165	STONEHAM- SIGNAL & INTERSECTION IMPROVEMENTS AT ROUTE 28/NORTH STREET	4	CMAQ	\$ 1,532,550	\$	1,226,040	\$ 306,510	
			St	tatewide CMAQ ►	\$ 1,532,550	\$	1,226,040	\$ 306,51	■ 80% Federal + 20% Non-Federal
Statewide Transpo	ortation Enhance	ements							
		No Projects Programmed			\$ -		-		
		Statewide Transportati	on Enhance	ements Subtotal >	\$ -	\$	-	\$ -	■ 80% Federal + 20% Non-Federal
Statewide ITS									
- Gtate Wide 110		No Projects Programmed			\$ -				.
	-	<u> </u>	Statewi	de ITS Subtotal ▶	\$ -	\$	-	\$ -	■ 80% Federal + 20% Non-Federal
►Statewide Intersta	te Maintenance	Program							
- Statewide Intersta	607481	RANDOLPH- QUINCY- BRAINTREE- RESURFACING & RELATED WORK ON I-93 (SB)	6	NHPP	\$ 4,693,450	\$	4,224,105	\$ 469,34	5
		Otatividad in the Control of the Con		0.544.	4 000 450		4.004.465		1 000% Farbard a 400% New Farbard
		Statewide Interstate Mai	ntenance Pr	ogram Subtotal >	\$ 4,693,450	\$	4,224,105	a 469,34	■ 90% Federal + 10% Non-Federal

2017 🛼	on Posion MD	O Transportation Improvement Program						30/2015 Endo 28/2016 Revi		A mandre	t Five
LUII Bost	on Region MP	O Transportation improvement Program		T	Tota	<u> </u>	07/2	28/2016 Revi	sed Draft	Amendmen	t Five
mendment/ djustment Type ▼	MassDOT Project ID ▼	MassDOT Project Description ▼	MassDOT District ▼	Funding Source ▼		rammed	Fed ▼	leral Funds	Non-Fed Funds ▼		Additional Information ▼
Statewide NHS P	reservation Progr	ram+									
	607477	LYNNFIELD- PEABODY- RESURFACING & RELATI WORK ON ROUTE 1	ED 4	NHPP	\$	7,721,542	\$	6,177,234	\$	1,544,308	
		Statewide NHS I	Preservation Pr	ogram Subtotal ►	\$	7,721,542	\$	6,177,234	\$	1,544,308	■ 80% Federal + 20% Non-Federal
Statewide RR Gra	ade Crossings										
		No Projects Programmed			\$	-		-		-	
			RR Grade Cro	ssings Subtotal ►		-	\$	-	\$	-	■ 80% Federal + 20% Non-Federal
Statewide Storm	water Retrofits										
		No Projects Programmed			\$	-		-		-	
			Stormwater R	etrofits Subtotal ►		-	\$	-	\$	-	■ 80% Federal + 20% Non-Federal
Statewide ADA In	nnlementation Pla	an									
		No Projects Programmed			\$			_	1		
			Implementation	n Plan Subtotal ▶		_	\$	_	\$		■ 80% Federal + 20% Non-Federal
Other Statewide	tems	LADD GANG Day was at					1				
	_	ABP GANS Repayment			\$	-		-		-	
		Award Adjustments, Change Orders, Project Value Changes, Etc.			·	-		<u>-</u>		-	
		DBEs, FAPO, Pavement Lab Retrofits, and Misc. Programs			\$	-		-		-	
		Planning			\$	-		-		-	
		Statewide Design and Right of Way			\$	-		-		-	
		Statewide Recreational Trails			\$	-		-		-	
		(Other Statewide	Items Subtotal >	\$	-	\$	-	\$	-	■ Funding Split Varies by Funding Source
Section 2A / Non-	Federal Projects										
Non Federal Aid									_		
	1568	FAIRMOUNT IMPROVEMENTS	N/A	NFA	\$ 1	11,574,800			\$ 1	1,574,800	Lists cash flows (based on state fiscal year
	1572	RED LINE-BLUE LINE CONNECTOR DESIGN	N/A	NFA	\$	10,000,000			\$ 1	0,000,000	MassDOT made a formal request on Aug. 2011, to remove this project from the State Implementation Plan regulation. The MPO continuing to reference this project in the

2047						07/30/2015 Endo	rsed	
ZUII Bost	on Region MP	O Transportation Improvement Pro	ogram			07/28/2016 Revi	sed Draft Amendmen	t Five
Amendment/ Adjustment Type ▼	MassDOT Project ID ▼	MassDOT Project Description ▼	MassDOT Fu	•	Total Programmed Funds ▼	Federal Funds ▼	Non-Federal Funds ▼	Additional Information ▼
Section 2B / Non-	Federal Bridge P	rojects						
Section 2B / Non-	Federal Bridge P	rojects						
		No Projects Programmed	N	IFA	\$ -		\$ -	
		Section	2B / Non-Federal Bridge Proj	jects Subtotal►	\$ -		\$ -	■100% Non-Federal
004=					TIP Section 1:	TIP Section 2:	Total of All	
9N47		O TID 0			•	_	Projects ▼	
ZUII Bost	on Region MP	O TIP Summary			•	•	Trojects v	
2017 Bost	on Region MP	O TIP Summary		Total ▶	\$ 185,834,894	\$ 21,574,800	•	▼ Total Spending in Region

701 CMR 7.00 Use of Road Flaggers and Police Details on Public Works Projects / 701 CMR 7.00 (the Regulation) was promulgated and became law on October 3, 2008. Under this Regulation, the CMR is applicable to any Public works Project that is performed within the limits of, or that impact traffic on, any Public Road. The Municipal Limitation referenced in this Regulation is applicable only to projects 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 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

2017	Boston Regio	n MPO Transportation Im	nprovement F	Progra	m															
	Regional		Carryover or						— Sta	ate Mate	ch Sour	ces —			_					
TA Program ▼	Transit Authority ▼	Project Description ▼		Federa Funds		RTACAP	•	MAP ▼	7	ICB ▼		TDC ▼	,	SCA V	7	Loc ▼	cal Funds	Total Cost	▼	Additional Information ▼
	Indicates a cha	nge in project cost																		
	Indicates remo	ved from TIP (cost not refle	ected in total)																	
	Indicates a proj	ect moved in from anothe	r TIP element																	
	Indicates a proj	ect moved out to another	TIP element (cost no	t reflected in	total)														
	Indicates a nev	addition to the TIP (action	n taken as dei	noted)																
	Indicates a nev	funding category																		
		PREVENTIVE																		
307	MBTA	MAINTENANCE		\$	12,000,000	-	-	\$	-	\$	-	\$	-	\$	-		3,000,000		15,000,000	
307	MBTA	Systems Upgrades		\$	58,685,516	\$	-	\$	-	\$	-	\$	-	\$	-	\$	14,671,379	\$	73,356,895	
307	CATA	PREVENTIVE MAINTENANCE	2016	\$	-	\$	-	\$	-	\$	-	\$	-	\$	_	\$	-	\$		removed from TIP; was \$500,000
307	CATA	ACQUIRE - MISC SUPPORT EQUIPMENT	2016					\$	_	\$	_	\$	_	\$	_	\$	_			removed from TIP; was \$24,238
307	CATA	ACQUIRE - SUPPORT VEHICLES	2016					\$	_	\$	_	\$	_	\$	_	\$	_			removed from TIP; was \$110,000
307	CATA	ACQUIRE - SHOP EQ/SOFTWARE MAINTENANCE	2016					\$		\$		\$		\$	_	\$	_			removed from TIP; was \$35,000
		INTERMODAL (TRANSIT): Facil.	2010																	
307	MWRTA	Improvements		\$	150,000	\$ 37	7,500	\$	-	\$	-	\$	-	\$	-	\$	-	\$	187,500	
		ACQUISITION OF BUS	1																	

		5339.5	Subtotal ► \$	5,287,027	\$	-	\$	-	\$	-	\$	-	\$ _	\$ 1	,321,757	\$	6,608,784	
5339	MBTA	Systems Upgrades	\$	5,287,027		-	\$	-	\$	-	\$	-	\$ -	\$ 1	,321,757	\$	6,608,784	
				•			'											
		5337 5	Subtotal ▶ \$	121,190,546	\$	-	\$	-	\$	-	\$	-	\$ -	\$ 30	,297,637	\$	151,488,183	
5337	MBTA	Systems Upgrades	\$	21,190,546	\$	-	\$	-	\$	-	\$	-	\$ -	\$ 5	,297,637	\$	26,488,183	
5337	MBTA	Bridge & Tunnel Program	\$	100,000,000	\$	-	\$	-	\$	-	\$	-	\$ -	\$ 25	5,000,000	\$	125,000,000	
		5307 \$	Subtotal ► \$	72,408,931	\$	105,854	\$	-	\$	-	\$	-	\$ 325,000	\$ 17	,671,379	\$	90,511,164	
5307	MWRTA	Mobility Management	\$	25,000	\$	6,250	\$	-	\$	-	\$	-	\$ -	\$	-	\$	31,250	
5307	MWRTA	PARA SERV	\$	1,300,000	\$	-	\$	-	\$	-	\$	-	\$ 325,000	\$	-	\$	1,625,000	
307	MWRTA	NON FIXED ROUTE ADA	\$	248,415	Þ	62,104	Þ		Ъ	-	Ъ	-	\$ -	Ъ		Þ	310,519	
	MAIDTA	SUPPORT EQUIP/FACILITIES		040 445	•	00.404								•			040 540	

5310

No Projects Programmed N/A \$
5310 Subtotal ▶ \$

	Regional		Carryover or		_			s	tate N	latch Soul	rces								
FTA Program ▼	Transit Authority ▼	Project Description ▼	Earmark Details ▼	Federal Funds ▼	RTA	ACAP ▼	MAI	> ▼	ICB	▼	TD	C ▼	SCA	. 🔻	Local ▼	Funds	Tota Cost		Additional Information ▼
5309	MBTA	GREEN LINE EXTENSION PROJECT- EXTENSION TO COLLEGE AVENUE WITH THE UNION SQUARE SPUR	N/A	\$ 150,000,000			\$		\$		\$		\$		\$230	.670,000	¢	380,670,000	The Green Line Extension project cash flows began programming New Starf 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 bincluded in future years the TIP.
3303	IVIDTA		09 Subtotal ►			-	\$		\$	-	\$	-	φ \$	-		,670,000 ,670,000		380,670,000	
			1										,						
SoGR		No Projects Programmed		\$ -	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$		
Livability		No Projects Programmed		\$ -	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	
TIGER		No Projects Programmed		\$ -	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	
		Gran	nts Subtotal ▶	\$ -	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	
Other	CATA	BUY REPLACEMENT 30- FT BUS (3)		\$ -	\$	1,275,000	\$	-	\$	_	\$	_	\$	-	\$	-	\$	1,275,000	
Other	CATA	ACQUIRE - SUPPORT VEHICLES		\$ -	\$	13,000	\$	-	\$	-	\$	-	\$	-	\$	-	\$	13,000	match for FFY 2016 programming
Other	CATA	ACQUIRE - MISC SUPPORT EQUIPMENT		\$ -	\$	5,832	\$	-	\$	-	\$	-	\$	-	\$	-	\$	5,832	match for FFY 2016 programming
Other	CATA	ACQUIRE - SHOP EQ/SOFTWARE MAINTENANCE		\$ -	\$	10,000	æ	_	\$	_	\$	_	\$	_	\$	_	\$	10,000	match for FFY 2016 programming
Other	CATA		ner Subtotal ▶			1,303,832		-	\$	-	\$		\$	-	\$	-	\$	1,303,832	
									ı ·		1 '								-
			Total▶	\$ 348,886,504	\$	1,409,686	\$	-	\$	-	\$	-	\$	325,000	\$279	,960,773	\$	630,581,963	
Fiscal Const	raint Analysis																		
Federal Funding									Sta	te ding	Dr	ogrammed							
Source ▼	Programmed '	▼ Available ▼	(+/-) ▼						irce ▼	▼	ogrammeu	Avai	lable ▼		(+/-)	▼	
FFY 17 / 5307	7 \$ 72,408,93	1 \$ 136,932,618	\$64,523,687		_					RTACAF	\$	1,409,686	\$ 1	,443,534	\$	33,848			
FFY 17 / 5337	7 \$ 121,190,54	6 \$ 121,190,546	\$ -	Available						MAF	\$	-	\$	-	\$	-	Avail	able	
FFY 17 / 5339	9 \$ 5,287,02	7 \$ 5,287,027	\$ -	Available						ITCCAF	\$	-	\$	-	\$	-	Avail	able	
FFY 17 / 5310		- \$ -	\$ -	Available						SCA		325,000	\$ 3	3,234,526	\$ 2	,909,526	Avail	able	
EEV 17 / 5300	9 \$ 150,000,00	0 \$ 150,000,000	s -	Available						TDC	- Φ								

E O I O Dost	on Region MI	PO Transportation Improvement Program						30/2015 Endo 28/2016 <mark>Revi</mark>		raft Amendmen	t Five
nendment/ djustment Type ▼	MassDOT Project ID ▼	MassDOT Project Description ▼		Funding Source ▼	Tota Prog Fund	grammed	Fed	deral Funds	Non-l Fund	Federal s ▼	Additional Information ▼
Section 1A / Fede	eral Aid Target P	rojects									
	Indicates a ch	ange in project cost									
	Indicates remo	oved from TIP (cost not reflected in total)									
	Indicates a pro	pject moved in from another TIP element									
	Indicates a pro	pject moved out to another TIP element (cost not reflecte	d in total)								
	Indicates a ne	w addition to the TIP (action taken as denoted)									
	Indicates a ne	w funding category									
HSIP - Highway S	Safety Improvem	ent Program									
		HINGHAM- INTERSECTION IMPROVEMENTS AT									
	600518	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
		II.									
				HSIP Subtotal ▶	\$	2,931,191	\$	2,638,072	\$	293,119	◀ 90% Federal + 10% Non-Federal
				HSIP Subtotal ▶	\$	2,931,191	\$	2,638,072	\$	293,119	■ 90% Federal + 10% Non-Federal
CMAQ - Congesti	ion Mitigation ar	ad Air Quality Improvement Program		HSIP Subtotal ▶	\$	2,931,191	\$	2,638,072	\$	293,119	
CMAQ - Congesti	ion Mitigation ar	nd Air Quality Improvement Program GREEN LINE EXTENSION PROJECT- EXTENSION TO COLLEGE AVENUE WITH THE UNION SQUAR SPUR		HSIP Subtotal ▶		2,931,191 13,427,220		2,638,072	\$	293,119	funding flexed to FTA; match provided by loc contributions; additional funding programmed
CMAQ - Congesti		GREEN LINE EXTENSION PROJECT- EXTENSION TO COLLEGE AVENUE WITH THE UNION SQUAR SPUR NEEDHAM- NEWTON- RECONSTRUCTION OF HIGHLAND AVENUE, NEEDHAM STREET & CHARLES RIVER BRIDGE, N-04-002, FROM WEBSTER STREET (NEEDHAM) TO ROUTE 9	F		\$, , .		,	funding flexed to FTA; match provided by loca contributions; additional funding programmed of GLX in FFY 2018 (other funds under Transit
CMAQ - Congesti	1570	GREEN LINE EXTENSION PROJECT- EXTENSION TO COLLEGE AVENUE WITH THE UNION SQUAR SPUR NEEDHAM- NEWTON- RECONSTRUCTION OF HIGHLAND AVENUE, NEEDHAM STREET & CHARLES RIVER BRIDGE, N-04-002, FROM WEBSTER STREET (NEEDHAM) TO ROUTE 9 (NEWTON)	E N/A	СМАQ	\$	13,427,220	\$	10,741,776	\$	2,685,444	funding flexed to FTA; match provided by loc contributions; additional funding programmed GLX in FFY 2018 (other funds under Transit Section 5309) CMAQ+HSIP+TAP+STP Total Cost =
CMAQ - Congesti	1570	GREEN LINE EXTENSION PROJECT- EXTENSION TO COLLEGE AVENUE WITH THE UNION SQUAR SPUR NEEDHAM- NEWTON- RECONSTRUCTION OF HIGHLAND AVENUE, NEEDHAM STREET & CHARLES RIVER BRIDGE, N-04-002, FROM WEBSTER STREET (NEEDHAM) TO ROUTE 9 (NEWTON)	E N/A	СМАQ	\$	13,427,220	\$	10,741,776	\$	2,685,444	funding flexed to FTA; match provided by loc contributions; additional funding programmed GLX in FFY 2018 (other funds under Transit Section 5309) CMAQ+HSIP+TAP+STP Total Cost = 15,464,292
CMAQ - Congesti	1570	GREEN LINE EXTENSION PROJECT- EXTENSION TO COLLEGE AVENUE WITH THE UNION SQUAR SPUR NEEDHAM- NEWTON- RECONSTRUCTION OF HIGHLAND AVENUE, NEEDHAM STREET & CHARLES RIVER BRIDGE, N-04-002, FROM WEBSTER STREET (NEEDHAM) TO ROUTE 9 (NEWTON)	E N/A	СМАQ	\$	13,427,220	\$	10,741,776	\$	2,685,444	funding flexed to FTA; match provided by loc contributions; additional funding programmed GLX in FFY 2018 (other funds under Transit Section 5309) CMAQ+HSIP+TAP+STP Total Cost = 15,464,292
CMAQ - Congesti	1570 606635 CMAQ Subtot	GREEN LINE EXTENSION PROJECT- EXTENSION TO COLLEGE AVENUE WITH THE UNION SQUAR SPUR NEEDHAM- NEWTON- RECONSTRUCTION OF HIGHLAND AVENUE, NEEDHAM STREET & CHARLES RIVER BRIDGE, N-04-002, FROM WEBSTER STREET (NEEDHAM) TO ROUTE 9 (NEWTON)	E N/A	СМАQ	\$	13,427,220	\$	10,741,776	\$	2,685,444	funding flexed to FTA; match provided by loc contributions; additional funding programmed GLX in FFY 2018 (other funds under Transit Section 5309) CMAQ+HSIP+TAP+STP Total Cost = 15,464,292

2018 Bosto	n Region MP	O Transportation Improvement Program				07/30/2015 E 07/28/2016 R	ndorsed evised Draft Amendm	ent Five
Amendment/ Adjustment Type ▼	MassDOT Project ID ▼	MassDOT Project Description ▼	MassDOT District ▼	Funding Source ▼	Total Programmed Funds ▼	Federal Fund		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	\$ 10,534,5	46 \$ 2,633,63	AC Yr 5 of 5; NHPP+BR+Statewide Infrastructure Total Cost = \$164,919,140 (\$50,725,206 programmed within FFYs 2016-2
	1570	GREEN LINE EXTENSION PROJECT- EXTENSION TO COLLEGE AVENUE WITH THE UNION SQUARE SPUR	N/A	STP	\$ 26,572,780	\$ 21,258,2	24 \$ 5,314,55	funding flexed to FTA; match provided by loca contributions; additional funding programmed f GLX in FFY 2018 (other funds under Transit Section 5309)
MENDMENT:Change	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	\$ 16,825,4	06 \$ 4,206,35	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	\$ 4,915,7	18 \$ 1,228,93	0 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	\$ 1,956,9	50 \$ 489,23	8 STP+HSIP Total Cost = \$3,057,735
		Non-CMAQ	/HSIP/TAP (Other) Subtotal >	\$ 69,363,557	\$ 55,490,8	46 \$ 13,872,71	1 ◀ 80% Federal + 20% Non-Federal
Section 1A / Fiscal	I Constraint Ana	alvsis						
		Total Federal Aid T	arget Funds	s Programmed ▶	\$ 92,721,968	\$ 92,626,3	33 ◀ Total Target	\$ (95,635) Funds Over Programmed
		Total Non-CMAQ/HSII	P/TAP (Othe	r) Programmed >	\$ 69,363,557	\$ 71,590,3	14 ◀ Max. Non- CMAQ/HSIP/TAP	\$ (95,635) Non-CMAQ/HSIP/TAP (Othe Exceeds Maximum
				P Programmed ►	. , ,			\$ 1,365,519 HSIP Minimum Not Met
				Q Programmed ►				\$ (3,687,911) CMAQ Minimum Met
			Total TA	P Programmed ►	\$ 3,312,089	\$ 3,312,0	89 ■ Min. TAP	\$ - TAP Minimum Met
Section 1B / Feder	ol Aid Bridge Dr		P, CMAQ, TA	P Overprogrammed	\$ (2,322,392)		
Section 1B / Feder	al Alu Briuge Fi	ojects						
Statewide Bridge N	Maintenance Pro			1	1			
		No Projects Programmed	intonono De	a mana Cubtatal N	\$ -		- \$ - \$	■ 80% Federal + 20% Non-Federal
On System		Statewide Bridge Mai	intenance Pr	ogram Subtotal 🕨	\$ -	D	- \$ -	■ 80% Federal + 20% Non-Federal
On System	604173	BOSTON- BRIDGE REHABILITATION, B-16-016, NORTH WASHINGTON STREET OVER THE CHARLES RIVER	6	NHPP	\$ 36,000,000	\$ 28,800,0	7,200,00	0 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	\$ 15,040,0	00 \$ 3,760,00	0 AC Yr 2 of 4; Total Cost = \$45,000,000
	_	,		Cultura Culturated N		·		0 4 000/ Federal + 200/ New Federal

On System Subtotal ► \$ 54,800,000 \$ 43,840,000 \$

10,960,000 ◀ 80% Federal + 20% Non-Federal

ZUIO Bosto	n Region MP	O Transportation Improvement Program						30/2015 Endo 28/2016 <mark>Revi</mark> s	sed Draft Amer	ndmen	t Five
Amendment/ Adjustment Type ▼	MassDOT Project ID ▼	MassDOT Project Description ▼	MassDOT District ▼	Funding Source ▼	Tota Prog Fund	grammed	Fed ▼	leral Funds	Non-Federal Funds ▼		Additional Information ▼
Off-System											
	606632	HOPKINTON- WESTBOROUGH- BRIDGE REPLACEMENT, H-23-006=W-24-016, FRUIT STREE OVER CSX & SUDBURY RIVER	Т 3	STP-BR-OFF	\$	11,727,339	\$	9,381,871	\$ 2,345	5,468	
	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	7,153	
	604655	MARSHFIELD- BRIDGE REPLACEMENT, M-07-007, BEACH STREET OVER THE CUT RIVER	5	STP-BR-OFF	\$	4,822,854	\$	3,858,283	\$ 964	4,571	
	607533	WALTHAM- WOERD AVENUE OVER THE CHARLES RIVER	4	STP-BR-OFF	\$	3,873,360	\$	3,098,688	\$ 774	4,672	
			Off-S	System Subtotal >	\$ 2	26,859,316	\$	21,487,453	\$ 5,37	1,863	■ 80% Federal + 20% Non-Federal
Statewide Bridge In	spection Program	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	I- 6	NHPP	\$	1,724,400	\$	1,379,520	\$ 344	4,880	
		Statewide Bridge I	nspection Pr	ogram Subtotal ►	\$	1,724,400	\$	1,379,520	\$ 344	4,880	■ 80% Federal + 20% Non-Federal
Section 1C / Feder	al Aid Non-Targ	et Projects									
Other Federal Aid											
- Cilioi i Guordi Alu	606134	BOSTON- TRAFFIC SIGNAL IMPROVEMENTS ON BLUE HILL AVENUE AND WARREN STREET	6	HPP (2005)	\$	2,377,900	\$	1,902,320	\$ 475	5,580	Construction; HPP 2129 (MA155)
	605789	BOSTON- RECONSTRUCTION OF MELNEA CASS BOULEVARD	6	HPP (2005)	\$	2,429,730	\$	1,943,784	\$ 485	5,946	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	\$ 1,00	1,475	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	3,001	■ Funding Split Varies by Funding Source
Section 1D / Feder	al Aid Major & S	State Category Projects									
➤ Statewide Infrastr MENDMENT:Remove funding Source		DISTRICT 6- HIGHWAY LIGHTING SYSTEM REPLACEMENT ON I-93, FROM SOUTHAMPTON	6	STP							removed from TIP; was \$1,250,000 in FFY 20 AC Year 3 of 3; Total Cost = \$8,250,000
	606381	STREET TO NEPONSET AVENUE IN BOSTON ARLINGTON- BELMONT- HIGHWAY LIGHTING	4	STP	\$	5,750,000	\$	4,600,000	¢ 1.150	0,000	AC Year 1 of 2; Total Cost = \$9,450,000
	606361	REPAIR & MAINTENANCE ON ROUTE 2			Ť				,		, , , ,
		Statewide Infra	astructure Pr	ogram Subtotal ►	\$	5,750,000	\$	4,600,000	\$ 1,150	U,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	0,000	
	607761	SWAMPSCOTT- INTERSECTION & SIGNAL IMPROVEMENTS AT SR 1A (PARADISE ROAD) AT	4	HSIP	\$	550,000	\$	495,000	\$ 55	5,000	
		SWAMPSCOTT MALL									

LU IU Bosto	on Region MP	O Transportation Improvement Program						/30/2015 Endo /28/2016 Revi		ft Amendmer	nt Five
mendment/	MassDOT	MassDOT	MassDOT	Funding	To	tal ogrammed			Non-F		Additional
djustment Type ▼	Project ID ▼	Project Description ▼		Source ▼		nds ▼	▼		Funds		Information ▼
Otatavalda Oafa D											
Statewide Safe Ro	outes to Schools	No Projects Programmed			\$		S	<u> </u>	\$		Funding Split Varies by Funding Source
	_	Statewide Safe Routes t	o Schools Pr	rogram Subtotal ▶		-	\$	-	\$	-	▼ Funding Split Varies by Funding Source
Statewide CMAQ	1	WAYERED DANSER DANS TRANSPORTE		101110	١.	7 000 054		0.400.000		4 500 574	1
	607329	WAKEFIELD- LYNNFIELD- RAIL TRAIL EXTENSION, FROM THE GALVIN MIDDLE SCHOOL TO LYNNFIELD/PEABODY T.L.	4	CMAQ	\$	7,662,854	\$	6,130,283	\$	1,532,571	
	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	3	CMAQ	\$	5,859,926	\$	4,687,941	\$	1,171,985	
		N-03-014, OVER ROUTE 9 & BRIDGE OVER ROUTE 30									
			St	tatewide CMAQ ►	\$	19,752,796	\$	15,802,237	\$	3,950,559	◀ 80% Federal + 20% Non-Federal
Statewide Transpo	ortation Enhance	ements									
Otatewide Transpe	Ditation Emilance	No Projects Programmed			\$	-	Τ	-		-	
	_	Statewide Transporta	tion Enhance	ements Subtotal >	\$	-	\$		\$	-	■ 80% Federal + 20% Non-Federal
Statewide ITS		IN Decision Decision of	1	1	۱.		_		İ		1
		No Projects Programmed	Statowie	de ITS Subtotal ▶	\$		\$	<u>-</u>	\$		■ 80% Federal + 20% Non-Federal
Otata-ratio Internata	4. 14.5.4	2									_
Statewide Intersta	608219	READING-WAKEFIELD- INTERSTATE	4	NHPP	\$	4,037,488	\$	3,633,739	\$	403,749	
	000219	MAINTENANCE RESURFACING AND RELATED WORK ON I-95			•	4,007,400	Ψ	0,000,700	Ψ	400,743	
		Statewide Interstate Ma	intenance Pr	ogram Subtotal ►	\$	4,037,488	\$	3,633,739	\$	403,749	■ 90% Federal + 10% Non-Federal
Statewide NHS Pre	accruation Progr	ramt.									
Ctatewide Wild I I	608069	MARSHFIELD PEMBROKE NORWELL HANOVER	5	NHPP	\$	17,586,720	\$	14,069,376	\$	3,517,344	
		ROCKLAND HINGHAM RESURFACING ON RT 3				, ,		, ,		, ,	
	605608	DEDHAM - RESURFACING AND RELATED WORK	6	NHPP	\$	2,523,312	\$	2,018,650	\$	504,662	NHSPP+Stormwater Total Cost = \$2,739,3
		ON ROUTE 109									
	608008	SAUGUS-RESURFACING AND RELATED WORK ON ROUTE 1	4	NHPP	\$	-,,-				2,119,582	
		SAUGUS-RESURFACING AND RELATED WORK ON ROUTE 1 CONCORD - RESURFACING AND RELATED WORK ON ROUTE 2	4	NHPP	\$	1,784,160	\$	1,427,328	\$	356,832	
	608008	SAUGUS-RESURFACING AND RELATED WORK ON ROUTE 1 CONCORD - RESURFACING AND RELATED WORK	4	NHPP	\$	1,784,160	\$	1,427,328	\$	356,832	■ 80% Federal + 20% Non-Federal
- Statewide RR Gra	608008	SAUGUS-RESURFACING AND RELATED WORK ON ROUTE 1 CONCORD - RESURFACING AND RELATED WORK ON ROUTE 2	4	NHPP	\$	1,784,160	\$	1,427,328	\$	356,832	■ 80% Federal + 20% Non-Federal
Statewide RR Grad	608008	SAUGUS-RESURFACING AND RELATED WORK ON ROUTE 1 CONCORD - RESURFACING AND RELATED WORK ON ROUTE 2	4	NHPP	\$	1,784,160	\$	1,427,328	\$	356,832	■ 80% Federal + 20% Non-Federal
Statewide RR Grad	608008	SAUGUS-RESURFACING AND RELATED WORK ON ROUTE 1 CONCORD - RESURFACING AND RELATED WORK ON ROUTE 2 Statewide NHS Pro No Projects Programmed	4 eservation Pr	NHPP	\$	1,784,160	\$	1,427,328 25,993,682	\$	356,832	■ 80% Federal + 20% Non-Federal ■ 80% Federal + 20% Non-Federal
- Statewide RR Grad - Statewide Stormw	608008 608220 de Crossings	SAUGUS-RESURFACING AND RELATED WORK ON ROUTE 1 CONCORD - RESURFACING AND RELATED WORK ON ROUTE 2 Statewide NHS Pro No Projects Programmed Statewide R	4 eservation Pr	NHPP ogram Subtotal ▶ ssings Subtotal ▶	\$ \$	1,784,160 32,492,102	\$ \$	1,427,328 25,993,682	\$ \$	356,832 6,498,420	■ 80% Federal + 20% Non-Federal
	608008 608220 de Crossings	SAUGUS-RESURFACING AND RELATED WORK ON ROUTE 1 CONCORD - RESURFACING AND RELATED WORK ON ROUTE 2 Statewide NHS Pro No Projects Programmed	4 eservation Pr	NHPP ogram Subtotal ▶	\$	1,784,160 32,492,102	\$ \$	1,427,328 25,993,682	\$ \$	356,832 6,498,420	

2018 Boste	on Region MP	- manapartation improvement regium						
mendment/ djustment Type ▼	MassDOT Project ID ▼	MassDOT Project Description ▼	MassDOT District ▼		Total Programmed Funds ▼	Federal Funds ▼	Non-Federal Funds ▼	Additional Information ▼
Statewide ADA Im	plementation Pl	an						
		No Projects Programmed			\$ -	-	-	
		Statewide A	DA Implementatio	n Plan Subtotal >	\$ -	\$ -	\$ -	■ 80% Federal + 20% Non-Federal
Other Statewide I	tems							
		ABP GANS Repayment			\$ -	-	-	
		Award Adjustments, Change Orders, Project Value Changes, Etc.	Э		\$ -	-	-	
		DBEs, FAPO, Pavement Lab Retrofits, and Misc. Programs			\$ -	-	-	
		Planning			\$ -	-	-	
		Statewide Design and Right of Way			\$ -	-	-	
		Statewide Recreational Trails			\$ -	-	-	
			Other Statewide	ltems Subtotal ▶	-	\$ -	\$ -	■ Funding Split Varies by Funding Source
	Federal Projects		Other Statewide	tems Subtotal ▶	5 -	φ -	-	■ Funding Split varies by Funding Source
	Federal Projects	FAIRMOUNT IMPROVEMENTS	Other Statewide	NFA	\$ 9,000,000		\$ 9,000,000	Lists cash flows (based on state fiscal year
			N/A		\$ 9,000,000		\$ 9,000,000	
Non Federal Aid	1568	FAIRMOUNT IMPROVEMENTS	N/A	NFA	\$ 9,000,000		\$ 9,000,000	Lists cash flows (based on state fiscal year
Non Federal Aid Section 2B / Non-	1568 Federal Bridge F	FAIRMOUNT IMPROVEMENTS Projects	N/A	NFA	\$ 9,000,000		\$ 9,000,000	Lists cash flows (based on state fiscal year
Non Federal Aid Section 2B / Non-	1568 Federal Bridge F	FAIRMOUNT IMPROVEMENTS Projects	N/A	NFA	\$ 9,000,000		\$ 9,000,000	Lists cash flows (based on state fiscal year
Non Federal Aid Section 2B / Non-	1568 Federal Bridge F	FAIRMOUNT IMPROVEMENTS Projects No Projects Programmed	N/A	NFA eral Aid Subtotal ►	\$ 9,000,000		\$ 9,000,000	Lists cash flows (based on state fiscal year
Non Federal Aid Section 2B / Non- Section 2B / Non-	1568 Federal Bridge F	FAIRMOUNT IMPROVEMENTS Projects Projects No Projects Programmed Section 2B / Nor	N/A Non-Fede	NFA eral Aid Subtotal ►	\$ 9,000,000 \$ 9,000,000 \$ - \$ -		\$ 9,000,000	Lists cash flows (based on state fiscal year ■100% Non-Federal
Non Federal Aid Section 2B / Non- Section 2B / Non-	1568 Federal Bridge F	FAIRMOUNT IMPROVEMENTS Projects No Projects Programmed	N/A Non-Fede	NFA eral Aid Subtotal ►	\$ 9,000,000 \$ 9,000,000 \$ - \$ -		\$ 9,000,000 \$ 9,000,000 \$ - \$ -	Lists cash flows (based on state fiscal year ■100% Non-Federal
Non Federal Aid Section 2B / Non- Section 2B / Non-	1568 Federal Bridge F	FAIRMOUNT IMPROVEMENTS Projects Projects No Projects Programmed Section 2B / Nor	N/A Non-Fede	NFA NFA NFA rojects Subtotal ▶	\$ 9,000,000 \$ 9,000,000 \$ - \$ - \$ - \$ -	TIP Section 2: ▼	\$ 9,000,000 \$ 9,000,000 \$	Lists cash flows (based on state fiscal year ■100% Non-Federal ■100% Non-Federal ■ Total Spending in Region
Section 2A / Non-Non Federal Aid Section 2B / Non-Section 2B / Non-	1568 Federal Bridge F	FAIRMOUNT IMPROVEMENTS Projects Projects No Projects Programmed Section 2B / Nor	N/A Non-Fede	NFA NFA rojects Subtotal▶	\$ 9,000,000 \$ 9,000,000 \$ - \$ - \$ - \$ - \$ - \$ 250,890,075 \$ 201,613,928	TIP Section 2: ▼ \$ 9,000,000	\$ 9,000,000 \$ 9,000,000 \$	Lists cash flows (based on state fiscal year ■100% Non-Federal ■100% Non-Federal

07/30/2015 Endorsed

2040

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 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 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			_			St	tate Ma	atch Sou	rces								
FTA	Transit	Project	Earmark		deral						_						cal Funds	Tota		Additional
Program ▼	Authority ▼	Description ▼	Details ▼	Fu	nds ▼	RIA	ACAP ▼	MAF	, A	ICB	V	TDC	; ▼	SC	A ▼	▼		Cos	st ▼	Information ▼
		PREVENTIVE																		
5307	MBTA	MAINTENANCE		\$	12,000,000	\$	-	\$	-	\$	-	\$	-	\$	-	\$	3,000,000	\$	15,000,000	
5307	MBTA	Systems Upgrades		\$	58,685,516	\$	-	\$	-	\$	-	\$	-	\$	-	\$	14,671,379	\$	73,356,895	
		PREVENTIVE																		
5307	CATA	MAINTENANCE	2017	\$	400,000	\$	-	\$	-	\$	-	\$	-	\$	-	\$	100,000	\$	500,000	
		ACQUIRE - SHOP																		
5307	CATA	EQ/SOFTWARE MAINT	2017	\$	28,000	\$	7,000	\$	-	\$	-	\$	-	\$	-	\$	-	\$	35,000	
		ACQUIRE - MISC																		
5307	CATA	SUPPORT EQUIPMENT	2017	\$	60,744	\$	15,186	\$	-	\$	-	\$	-	\$	-	\$	-	\$	75,930	
	0.1.7.1	ACQUIRE - SHOP EQUIPMENT	0047	_	50.000	_	40.000	_												
5307	CATA	TERMINAL.	2017	\$	52,000	\$	13,000	\$	-	\$	-	\$	-	\$	-	\$	-	\$	65,000	
5307	MWRTA	INTERMODAL (TRANSIT)		\$	450,000	•	37,500	\$				_			_	\$			187,500	
5307	WWKIA	, ,	1	Ф	150,000	\$	37,500	Э	-	\$	-	\$	-	\$	-	Ф	-	\$	187,500	
		ACQUISITION OF BUS SUPPORT																		
5307	MWRTA	EQUIP/FACILITIES		\$	248,519	\$	62,104	\$	_	\$	_	\$	_	\$	_	\$	_	\$	310,623	
0007	INIVICIA	NON FIXED ROUTE ADA		Ψ	240,010	Ψ	02,104	Ψ		Ψ		Ψ		Ψ		Ψ		Ψ	310,023	
5307	MWRTA	PARA SERV		\$	1,300,000	\$	_	\$	_	\$	_	\$	_	\$	325,000	\$	_	\$	1,625,000	
5307	MWRTA	Mobility Management		\$	25,000		6,250		_	\$	_	\$	-	\$	-	\$		\$	31,250	
			307 Subtotal ▶	\$	72,949,779	-	141,040	-		\$		\$	_	\$	325 000		17,771,379		91,187,198	
		•	or oubtotu.	Ι Ψ	12,040,110	Ψ.	141,040	Ι Ψ		1 *		1 4		1 4	020,000	Ι Ψ	,,	Ι Ψ	01,101,100	I
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 ▶	\$	121,190,546	\$	-	\$	-	\$	-	\$	-	\$		\$	30,297,637	\$	151,488,183	
					, , .					1 .		1 .		1 '			, , , , , , , , , , , , , , , , , , , ,		,,	I
5339	MBTA	Systems Upgrades		\$	5,287,027	\$	-	\$	-	\$	-	\$	-	\$	-	\$	1,321,757	\$	6,608,784	
		50	339 Subtotal ▶	\$	5,287,027	\$	-	\$	-	\$	-	\$	-	\$	-	\$	1,321,757	\$	6,608,784	
		T	I													T				1
5310		No Projects Programmed		\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	
		53	310 Subtotal ▶	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	

	Regional		Carryover or						st	ate Mat	ch Sour	ces								
FTA Program ▼	Transit Authority ▼	Project Description ▼	Earmark Details ▼	Federal Funds ▼		RTAC	AP ▼	MAP V	,	ICB ▼	,	TD	C ▼	SCA	. ▼	Local F ▼	unds	Tot		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	MBTA	SQUARE SPUR	N/A	\$ 150,000	,		-	\$	-	\$	-	\$	-	\$	-	\$195,5			345,558,000	
		5	309 Subtotal ►	\$ 150,000	,000	\$	-	\$	-	\$	-	\$	-	\$	-	\$195,5	58,000	\$	345,558,000	
SoGR		No Projects Programmed	N/A	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	
Livability		No Projects Programmed		\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	
TIGER		No Projects Programmed	N/A	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	
		Gra	nts Subtotal ▶	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	
Other	CATA	BUY REPLACEMENT TROLLEY BUS (2)		\$	-	\$	900,000	\$	_	\$	-	\$	-	\$	_	\$	-	\$	900,000	
		Ot	her Subtotal ▶	\$	-	\$	900,000	\$	-	\$	-	\$	-	\$	-	\$	-	\$	900,000	
			Total▶	\$ 349,427	,352	\$ 1,	041,040	\$	-	\$	-	\$	-	\$	325,000	\$ 244,9	48,773	\$	595,742,165	
Fiscal Const	raint Analysis																			
Federal Funding				<i>(</i>)						State Fundi			ogrammed					. , ,		
Source ▼	Programmed V		,	/-) ▼						Sourc		▼			ilable ▼		(-	- /-)		
FFY 17 / 5307			\$ 63,988,248								RTACAP		1,041,040		1,041,040		-		ilable	
FFY 17 / 5337				Available							MAP		-	\$	-	\$	-		ilable	
FFY 17 / 5339				Available							ITCCAP		-	\$	-	\$	-		ilable	
FFY 17 / 5310			\$ -	Available							SCA		325,000	\$	3,234,526	\$ 2,90	09,526	Ava	ilable	
FFY 17 / 5309	\$ 150,000,00	0 150,000,000) \$ -	Available							TDC	\$	-							

2019 Bosto	n Region MPC	Transportation Improvement Program		07/30/2015 Endo 07/28/2016 Revis	rsed <mark>sed</mark> Draft Amendmer	nt Five	
				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

606043	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
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	HSIP	\$ 2,362,214	\$ 2,125,993	\$ 236,221	CMAQ+HSIP Total Cost = \$3,149,619
607652	EVERETT- RECONSTRUCTION OF FERRY STREET, SOUTH FERRY STREET AND A PORTION OF ELM STREET	4	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	СМАQ	\$ 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

LUIJ Bosto	n Region MP	O Transportation Improvement Program	T		T-	tal	07/	/28/2016 Revi	sed Draft Amendmer	nt Five
Amendment/ Adjustment Type ▼	MassDOT Project ID ▼	MassDOT Project Description▼	MassDOT	Funding Source ▼	Pr	ital ogrammed inds ▼	Fe	deral Funds	Non-Federal Funds ▼	Additional Information ▼
Aujustinent Type V	1 TOJECT ID V	1 Toject Description v	District	oource v	, u	1103 1			r unus v	mornation v
►TAP - Transportat	ion Alternatives	Program								
	606453	BOSTON- IMPROVEMENTS ON BOYLSTON STREET, FROM INTERSECTION OF BROOKLINE AVENUE & PARK DRIVE TO IPSWICH STREET	6	ТАР	\$	2,548,719	\$	2,038,975	\$ 509,744	STP+CMAQ+TAP Total Cost = \$7,373,484
				TAP Subtotal ▶	\$	2,548,719	\$	2,038,975	\$ 509,744	■ 80% Federal + 20% Non-Federal
► Non-CMAQ/HSIP/	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)
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	\$	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
					-		+ -			

► 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

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

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

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

2019 Bosto	on Region MP	O Transportation Improvement Program						30/2015 Endo 28/2016 <mark>Revi</mark>		aft Amendmen	it Five
mendment/ djustment Type ▼	MassDOT Project ID ▼	MassDOT Project Description▼	MassDOT District ▼			tal ogrammed nds ▼	Fec	deral Funds	Non-F	ederal	Additional Information ▼
Section 1B / Feder	ral Aid Bridge Pro	pjects									
Statewide Bridge I	Maintenance Pro	gram									
	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 Mai	ntenance Pr	ogram Subtotal >	\$	2,889,600	\$	2,311,680	\$	577,920	■ 80% Federal + 20% Non-Federal
On System											
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
			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	\$,,	\$	722,445	
			Off-S	system Subtotal ►	\$	8,367,464	\$	6,693,971	\$	1,673,493	■ 80% Federal + 20% Non-Federal
Statewide Bridge In	spection Program										
•		No Projects Programmed			\$	-	\$	-	\$	-	
		Statewide Bridge Ir	nspection Pr	ogram Subtotal ▶	\$	-	\$	-	\$	-	■ 80% Federal + 20% Non-Federal
Section 1C / Feder	ral Aid Non-Targe	et Projects									
Other Federal Aid											
		No Projects Programmed			\$	-	\$	-	\$	-	
			Other Feder	ral Aid Subtotal ▶	\$	-	\$	-	\$	-	■ Funding Split Varies by Funding Source
Section 1D / Feder	ral Aid Maior & S	tate Category Projects									
Statewide Infrastr	606381	ARLINGTON- BELMONT- HIGHWAY LIGHTING REPAIR & MAINTENANCE ON ROUTE 2	4	STP	\$	3,700,000	\$	2,960,000	\$	740,000	AC Year 2 of 2; Total Cost = \$9,450,000
			1	1	1		1		1		1

	on Region MP	O Transportation Improvement Program						/30/2015 Endo /28/2016 Revi s		t Amendmen	t Five
mendment/ djustment Type ▼	MassDOT Project ID ▼	MassDOT Project Description ▼	MassDOT District ▼	_		al ogrammed nds ▼			Non-Fe Funds	deral	Additional Information ▼
Statewide USID I)										
Statewide HSIP F	608205	READING TO LYNNFIELD - GUIDE AND TRAFFIC SIGN REPLACEMENT ON A SECTION OF	4	HSIP	\$	3,500,000	\$	3,150,000	\$	350,000	
	608206	INTERSTATE 95 (STATE ROUTE 128) CHELSEA TO DANVERS - GUIDE AND TRAFFIC SIGN REPLACEMENT ON A SECTION OF US ROUTE	4	HSIP	\$	5,900,000	\$	5,310,000	\$	590,000	
	607759	1 BOSTON- INTERSECTION & SIGNAL IMPROVEMENTS AT THE VFW PARKWAY & SPRING	6	HSIP	\$	550,000	\$	495,000	\$	55,000	
	608052	STREET NORWOOD- INTERSECTION & SIGNAL IMPROVEMENTS AT US 1 (PROVIDENCE HIGHWAY) & MORSE STREET	5	HSIP	\$	550,000	\$	495,000	\$	55,000	
	607763	MILTON- INTERSECTION & SIGNAL IMPROVEMENTS AT 2 LOCATIONS: SR 138 (BLUE HILL AVENUE) AT ATHERTON STREET & BRADLEE ROAD AND SR 138 (BLUE HILL AVENUE) AT MILTON STREET & DOLLAR LANE	6	HSIP	\$	1,100,000	\$	990,000	\$	110,000	
		Statew	ide HSIP Pr	ogram Subtotal ▶	\$	11,600,000	\$	10,440,000	\$	1,160,000	■ 90% Federal + 10% Non-Federal
Statewide Sefe D	lautas ta Cabaali	о Пиолиом									
Statewide Safe R	outes to school	No Projects Programmed			\$		\$	_	\$		Funding Split Varies by Funding Source
		Statewide Safe Routes to	Schools Pr	ogram Subtotal ▶	-	-	\$	-	\$	-	■ Funding Split Varies by Funding Source
Statewide CMAQ				1					ı.		
	607888	BOSTON- BROOKLINE- MULTI-USE PATH CONSTRUCTION ON NEW FENWAY	6	CMAQ	\$	1,915,213	\$	1,532,170	\$	383,043	
			St	atewide CMAQ ▶	\$	1,915,213	\$	1,532,170	\$	383,043	■ 80% Federal + 20% Non-Federal
	= .										
Statewide Transp	ortation Enhance	No Projects Programmed			\$				I		
		Statewide Transportati	on Enhance	ments Subtotal ►			\$	<u> </u>	\$	<u> </u>	■ 80% Federal + 20% Non-Federal
		otatowide Transportati	on Emanoc	monto Cabtotal P	Ψ		Ψ		Ψ		4 00 /0 1 0d0/di
Statewide ITS											
		No Projects Programmed			\$	-		-		-	
			Statewic	de ITS Subtotal >	\$	-	\$	-	\$	-	■ 80% Federal + 20% Non-Federal
			Oldlow.								
Statowido Intoret	eto Maintonanco	Dragram	Oldio								
Statewide Intersta	ate Maintenance	QUINCY - MILTON - BOSTON - INTERSTATE	6	NHPP		21,491,482	\$	19,342,334	\$	2,149,148	IM+Stormwater Total Cost = \$22,051,482
Statewide Intersta		QUINCY - MILTON - BOSTON - INTERSTATE MAINTENANCE AND RELATED WORK ON I-93 FOXBOROUGH-PLAINVILLE-WRENTHAM-FRANKLIN- INTERSTAE MAINTENANCE AND RELATED WORK	6		\$	21,491,482 24,468,480		19,342,334 22,021,632		2,149,148	IM+Stormwater Total Cost = \$22,051,482
Statewide Intersta	608208	QUINCY - MILTON - BOSTON - INTERSTATE MAINTENANCE AND RELATED WORK ON I-93 FOXBOROUGH-PLAINVILLE-WRENTHAM-FRANKLIN- INTERSTAE MAINTENANCE AND RELATED WORK ON I-495	6 5	NHPP NHPP	\$	24,468,480	\$	22,021,632	\$	2,446,848	IM+Stormwater Total Cost = \$22,051,482
	608208	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	6 5	NHPP NHPP	\$	24,468,480	\$	22,021,632	\$	2,446,848	IM+Stormwater Total Cost = \$22,051,482 ■ 90% Federal + 10% Non-Federal
	608208 608210	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 Maintenance	6 5	NHPP NHPP ogram Subtotal ▶	\$ \$	24,468,480 45,959,962	\$	22,021,632	\$	2,446,848	■ 90% Federal + 10% Non-Federal
Statewide Intersta	608208	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	6 5	NHPP NHPP	\$	24,468,480	\$	22,021,632	\$	2,446,848	

2019 Rost	on Region MP	O Transportation Improvement Program					30/2015 Endo	orsed <mark>sed</mark> Draft Amendmer	t Eive
mendment/ djustment Type ▼	MassDOT Project ID ▼	MassDOT Project Description ▼	MassDOT District ▼	Funding Source ▼	tal ogrammed nds ▼			Non-Federal Funds ▼	Additional Information ▼
Statewide RR Gra	de 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 = \$6,600,00
	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
Otatavalda ADA la									-
Statewide ADA In	nplementation Pi	No Projects Programmed		1	\$ 	1	_	_	
		Statewide ADA Im	nlementatio	n Plan Subtotal ▶	-	\$		\$ -	■ 80% Federal + 20% Non-Federal
Other Statewide	tems								
		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			\$ -		-	-	
			er Statewide	e Items Subtotal ▶	\$ -	\$	-	-	■ Funding Split Varies by Funding Source
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
			Non-Fede	eral Aid Subtotal▶	\$ 5,328,200			\$ 5,328,200	◀100% Non-Federal
Section 2B / Non-	Federal Bridge P	Projects							
Section 2D / Non	Endoral Bridge D	Projecto							
Section 2B / Non	Federal Bridge P	Projects No Projects Programmed	1	NFA	\$ 			\$ -	

2019 Bosto	n Region MPC	Transportation Improvement Program			07/30/2015 Endo 07/28/2016 Revi	ıt Five		
Amendment/ Adjustment Type ▼	MassDOT Project ID ▼	MassDOT Project Description ▼		Funding Source ▼	Total Programmed Funds ▼	Federal Funds ▼	Non-Federal Funds ▼	Additional Information ▼
2019 Bosto	on Region MP	O TIP Summary	TIP Section 1: ▼	TIP Section 2: ▼	Total of All Projects ▼			
	Total ►	\$ 218,440,873	\$ 5,328,200	\$ 223,769,073	■ Total Spending in Region			
			Federal Funds ▶	\$ 180,906,999		\$ 180,906,999	■ Total Federal Spending in Region	
			n-Federal Funds >	\$ 37,533,875	\$ 5,328,200	\$ 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 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	Transit Authority ▼	Project Description ▼	Earmark Details ▼		deral nds ▼	ВΤ	ACAP ▼	MAI	D w	ICB '	_	т	C ▼	SC		Loc	cal Funds	Tota		Additional Information ▼
Program ▼	Authority ¥	Description •	Details ¥	Fui	nas ▼	KI	ACAP V	WA	P V	ICB		טון	C V	30	A V	V		Cos	τ ▼	Information ▼
5307	MBTA	PREVENTIVE MAINTENANCE		\$	12,000,000	\$	_	\$	_	\$	_	\$	_	\$	_	\$	3,000,000	\$	15.000.000	
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	CATA	ACQUIRE - SHOP EQ/COMPUTER/SFTWR	2018	\$	44,000	\$	11,000	\$	-	\$	-	\$	_	\$	-	\$	-	\$	55,000	
5307	CATA	ACQUIRE - MISC SUPPORT EQUIPMENT	2018	\$	102,152	\$	25,538	\$	-	\$	_	\$	-	\$	-	\$	-	\$	127,690	
5307	MWRTA	INTERMODAL (TRANSIT): Facil. Improvements		\$	150,000	\$	37,500	\$	_	\$	_	\$	_	\$	_	\$	-	\$	187,500	
5307	MWRTA	ACQUISITION OF BUS SUPPORT EQUIP/FACILITIES		\$	248,415	e	62,104	e	_	\$	_	\$	_	\$	_	\$	_	\$	310,519	
5307	MWRTA	NON FIXED ROUTE ADA PARA SERV		\$		\$	-	\$		\$		\$		\$	325,000	Ť		\$	455,000	
5307	MWRTA	Mobility Management		\$		\$	6,250	+ -		\$	_	\$	_	\$	-	\$		\$	31,250	
		, ,	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 ▶	\$	121,190,546	\$	-	\$	-	\$	-	\$	-	\$	-	\$	30,297,637	\$	151,488,183	
5339	MBTA	Systems Upgrades		\$		\$	-	\$	-	\$	-	\$	-	\$	-	\$	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 State Match Sources														
FTA Program ▼	Transit Authority ▼	Project Description ▼	Earmark Details ▼	Federal Funds ▼	RTACAP	•	MAP ▼	ICB ▼		TDC ▼		SCA ▼	Local Funds	Total Cost ▼	Additional Information ▼
riogialii v	Authority v	Description 4	Details V	i ulius v	KIAOAI	•	IVIZ.	IOD V		100 1		OOA V	V	COSt ¥	Illioillation v
		GREEN LINE EXTENSION PROJECT- EXTENSION TO													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
		COLLEGE AVENUE WITH THE UNION													included in future years of the TIP.
5309	МВТА	SQUARE SPUR	N/A	\$ 150,000,000	\$	_	\$ -	\$	_	\$	_	\$ -	\$ 26,196,000	\$ 176,196,000	of the TIP.
		5	309 Subtotal ▶	\$ 150,000,000	\$	-	\$ -	\$	-	\$	-	\$ -	\$ 26,196,000	\$ 176,196,000	
				•	•			ų.						"	'
SoGR		No Projects Programmed		\$ -	\$		\$ -	\$	-	\$	-	\$ -	\$ -	\$ -	
Livability		No Projects Programmed		\$ -	\$	-	\$ -	\$	-	\$	-	\$ -	\$ -	\$ -	
TIGER		No Projects Programmed		\$ -	\$	-	\$ -	Ψ	-	\$	-	\$ -	\$ -	\$ -	
		Gra	nts Subtotal ▶	\$ -	\$	-	\$ -	\$	-	\$	-	\$ -	\$ -	\$ -	
Other		No Projects Programmed	N/A	\$ -	\$	-	\$ -	\$	-	\$	-	\$ -	\$ -	\$ -	
		Ot	ner Subtotal >	\$ -	\$	-	\$ -	\$	-	\$	-	\$ -	\$ -	\$ -	
			Total	\$ 348,262,656	£ 442	,392	•	\$		\$		\$ 325.000	\$ 75,586,773	\$ \$ 424,316,821	
			iotai	\$ 340,262,636	р 142,	,392	\$ -	Ą	-	Ф	-	\$ 325,000	\$ 75,500,773	5 \$ 424,316,621	
Fiscal Constr	raint Analysis														
Federal								State							
Funding								Fundi		Program	med			- 1 >	
Source ▼	Programmed \			-/-) ▼				Sourc		▼		Available ▼		+/-) ▼	
FFY 17 / 5307			\$ 65,152,944					F	RTACAP		2,392		-	Available	
FFY 17 / 5337				Available	-				MAP		-	\$ -	\$ -	Available	
FFY 17 / 5339 FFY 17 / 5310		5,287,027 \$ -	\$ - \$ -	Available Available					ITCCAP SCA		-	\$ -	\$ -	Available Available	
		*	T								5,000	\$ 3,234,526		Available	
FFY 1//5309	\$ 150,000,00	150,000,000	ъ -	Available					TDC	\$	-				

2020 Boston	n Region MPC	Transportation Improvement Program	07/30/2015 Endorsed 07/28/2016 Revised Draft Amendment Five						
Amendment/ Adjustment Type ▼	MassDOT Project ID ▼		MassDOT District ▼		Total Programmed Funds ▼		Non-Federal Funds ▼	Additional 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	CMAQ	\$ 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	СМАQ	\$ 2,000,000	\$ 1,600,000	\$ 400,000	STP+CMAQ+TAP Total Cost = \$15,532,405
CMAQ S	Subtotal	•		\$ 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	TAP	\$ 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

2020 Bosto	on Region MP	O Transportation Improvement Program				07/30/2015 End 07/28/2016 Rev	orsed <mark>ised</mark> Draft Amendmer	nt Five
mendment/ djustment Type ▼	MassDOT Project ID ▼	MassDOT Project Description ▼	MassDOT District ▼		Total Programmed Funds ▼	Federal Funds ▼	Non-Federal Funds ▼	Additional 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	\$ 21,258,224	\$ 5,314,556	funding flexed to FTA; match provided by loc contributions; additional funding programmed 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 = \$15,532,40
	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
		Total Non-CMAQ/HSIF	Total HSI Total CMA	r) Programmed ► P Programmed ► Q Programmed ► P Programmed ►	\$ - \$ 17,427,220	\$ 4,296,710 \$ 13,427,220	 Max. Non- CMAQ/HSIP/TAP Min. HSIP Min. CMAQ Min. TAP 	\$ (142,444) Non-CMAQ/HSIP/TAP (Oth Exceeds Maximum \$ 4,296,710 HSIP Minimum Not Met \$ (4,000,000) CMAQ Minimum Met \$ TAP Minimum Met
				· ·		1	NIIII. IAF	φ - IAI Willimum Wet
Section 1B / Fede	ral Aid Bridge Pr		ing HSIP, CM	AQ, and TAP Funds	\$ 296,710			
Statewide Bridge	Maintananaa Du	-						
Statewide Bridge	Maintenance F10	No Projects Programmed			\$ -	\$ -	\$ -	
		Statewide Bridge Mair	ntenance Pro	ogram Subtotal >	\$ -	\$ -	\$ -	■ 80% Federal + 20% Non-Federal
On System								
		No Projects Programmed	On S	ystem Subtotal ►	\$ -	\$ -	\$ -	■ 80% Federal + 20% Non-Federal
Off-System								-
. ,		No Projects Programmed	Off-S	ystem Subtotal ▶	\$ -	\$ -	\$ -	■ 80% Federal + 20% Non-Federal
Statemide Duider I	anastian Dua		011-0	, stom Subtotal		1 7	<u> </u>	1 3370 F GGGGGF - 2070 FYOTF GGGGG
Statewide Bridge In	spection Program	No Projects Programmed			\$ -	\$ -	\$ -	
		Statewide Bridge In	spection Pro	ogram Subtotal >	\$ -	\$ -	\$ -	■ 80% Federal + 20% Non-Federal

2020 Boston Region MPO Transportation Improvement Program								07/30/2015 Endorsed 07/28/2016 Revised Draft Amendment Five			
Amendment/	MassDOT	MassDOT		MassDOT	Funding	Total Programmed	ı F	ederal Funds	Non-Federal	Additional	
Adjustment Type ▼	Project ID ▼	Project Description ▼		District ▼		Funds ▼		▼	Funds ▼	Information ▼	
Section 1C / Fede	ral Aid Non-Targ	et Projects									
Other Federal Aid											
		No Projects Programmed				\$	- \$	\$ -	\$	-	
				Other Fede	ral Aid Subtotal ▶	\$	- 9	\$ -	\$	- ■ Funding Split Varies by Funding Source	
				Outer 1 cue	rai / iia Gabiotai P	Ψ	,	Ψ	1 4	4 Funding Opin Values by Funding Course	
Section 1D / Fede	ral Aid Major & S	state Category Projects									
Statowido Infract	ruoturo Broarom										
► Statewide Infrast	ucture Frogram	No Projects Programmed					1				
	_	, , ,	Statewide Infra	structure Pr	ogram Subtotal ▶	\$	- \$	\$ -	\$	- ■ 80% Federal + 20% Non-Federal	
► Statewide HSIP P	rogram										
P Statewide HSIP P	logram	No Projects Programmed									
		, ,	Statew	ide HSIP Pr	ogram Subtotal >	\$	- \$	\$ -	\$	- ■ 90% Federal + 10% Non-Federal	
► Statewide Safe R	outes to Schools	Program									
Statewide Sale K	outes to schools	No Projects Programmed				\$	-	\$ -	\$	- Funding Split Varies by Funding Source	
			Statewide Safe Routes to	Schools Pr	ogram Subtotal >	\$	- 9	\$ -	\$	- ■ Funding Split Varies by Funding Source	
► Statewide CMAQ											
Statewide CMAQ		No Projects Programmed									
				St	atewide CMAQ ►	\$	- \$	\$ -	\$	- ■ 80% Federal + 20% Non-Federal	
►Statewide Transp	ortation Enhance	amante									
- otatewide Transpi	Ditation Emiane	No Projects Programmed				\$	-	-		-	
			Statewide Transportati	on Enhance	ments Subtotal >	\$	- \$	\$ -	\$	- ■ 80% Federal + 20% Non-Federal	
Statewide ITS											
otatewide 110		No Projects Programmed				\$	-	-		-	
	_			Statewi	de ITS Subtotal ▶	\$	- \$	\$ -	\$	- ■ 80% Federal + 20% Non-Federal	
► Statewide Intersta	te Maintenance	Program									
		No Projects Programmed									
			Statewide Interstate Mair	ntenance Pr	ogram Subtotal ►	\$	- 9	\$ -	\$	- ■ 90% Federal + 10% Non-Federal	
Statewide NHS Pr	eservation Progr										
		No Projects Programmed	Statowide NHS Broa	nonvotion Dr	naram Cubtatal N	œ.	- 9	s -	•	4 909/ Fodoral + 209/ Non Fodoral	
			Statewide NHS Pres	servation Pr	ogram Subtotal 🕨	φ	- 1	\$ -	\$	- ■ 80% Federal + 20% Non-Federal	
► Statewide RR Gra	de Crossings										
		No Projects Programmed	Otatavida DE) Orada Ora	animan Culhtatal	Ť	-	<u>-</u>	0	4 900/ Fodorel + 200/ Non Fodorel	
			Statewide RF	k Grade Cro	ssings Subtotal >	Φ	- 9	\$ -	\$	- ■ 80% Federal + 20% Non-Federal	
►Statewide Stormw	ater Retrofits	No Projects Programmed									

	Award Adjustments, Change Orders, 1 Toject Valde		Ψ -		-	
	Changes, Etc.					
	DBEs, FAPO, Pavement Lab Retrofits, and Misc.		\$ -			
	Programs					
	Planning		\$ -			
	Statewide Design and Right of Way		\$ -			
	Statewide Recreational Trails		\$ -			
	<u>'</u>	Other Statewide Items Subtotal ▶	\$ -	\$ -	\$ -	■ Funding Split Varies by Funding Source
Section 2A / Non-Fe	deral Projects					
Non Federal Aid						
Non reueral Alu	No Projects Programmed	NFA	\$ -			
	No Flojecis Flogrammed	Non-Federal Aid Subtotal ►	•	_	\$ -	■100% Non-Federal
		Non-Federal Ald Subtotal	φ -		Φ -	100 % Non-Federal
Section 2B / Non-Fe	deral Bridge Projects					
Cootion 2D7 Hon 10	aorai Briago i rojocio					
Section 2B / Non-Fe	deral Bridge Projects					
	No Projects Programmed	NFA	\$ -		\$ -	
		-Federal Bridge Projects Subtotal▶			\$ -	■100% Non-Federal
		,	•		1111	_
			TIP Section 1:	TIP Section 2:	Total of All	
2020 Bostor	n Region MPO TIP Summary		▼	▼	Projects ▼	
boston	Thegron in O Th Cullinary					
			\$ 92,472,067		\$ 92,472,067	■ Total Spending in Region
		Federal Funds ►	\$ 73,977,654		\$ 73,977,654	■ Total Federal Spending in Region
		Non-Federal Funds ▶	\$ 18,494,413	\$ -	\$ 18,494,413	■ Total Non-Federal Spending in Region

07/30/2015 Endorsed

Federal Funds Non-Federal

Total

Funds ▼

Programmed

\$

MassDOT Funding

District ▼ Source ▼

Statewide ADA Implementation Plan Subtotal ▶ \$

07/28/2016 Revised Draft Amendment Five

Funds ▼

Additional

Information ▼

- ■ 80% Federal + 20% Non-Federal

2020 Boston Region MPO Transportation Improvement Program

MassDOT

Project Description ▼

No Projects Programmed

ABP GANS Repayment

Division website: http://www.massdot.state.ma.us/Highway/flaggers/main.aspx

Award Adjustments, Change Orders, Project Value

MassDOT

► Statewide ADA Implementation Plan

Project ID ▼

Amendment/

Adjustment Type ▼

▶ Other Statewide Items

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 Road. The Municipal Limitation referenced in this Regulation is applicable only to projects where the Municipality is the Awarding Authority. For all projects contained in the TIP, the Commonwealth is the Awarding Authority. Therefore, all projects must be considered and implemented in accordance with 701 CMR 7.00, and the Road Flagger and Police Detail Guidelines. By placing a project on the Municipality acknowledges that 701 CMR 7.00 is applicable to its project and design and construction will be fully compliant with this Regulation. This information, and additional information relative to guidance and implementation can be found at the following link on the MassDOT Highway