2016 Bosto	n Region MPC	Transportation Improvement Program	07/30/2015 Endorsed 06/16/2016 Proposed Draft Amendment Five					
					Total			
Amendment/	MassDOT	MassDOT	MassDOT	Funding	Programmed	Federal Funds	Non-Federal	Additional
Adjustment Type 🔻	Project ID V	Project Description ▼	District ▼	Source V	Funds ▼	▼	Funds <b>V</b>	Information V

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

Prior - Ingriway oar				Lucia		1 .		1 .		
	607409	LEXINGTON- RECONSTRUCTION ON	4	HSIP	\$ 2,600,000	\$	2,340,000	\$	260,000	
		MASSACHUSETTS AVENUE, FROM MARRETT								TAP+HSIP Total Cost = \$5,200,000
		ROAD TO PLEASANT STREET								
	601630	WEYMOUTH- ABINGTON- RECONSTRUCTION &	6	HSIP	\$ 1,000,000	\$	900,000	\$	100,000	
		WIDENING ON ROUTE 18 (MAIN STREET) FROM								AC Yr 1 of 4: STP+HSIP+TEA-21 Earmark
AMENDMENT:Change		HIGHLAND PLACE TO ROUTE 139 (4.0 MILES)								
Additional Information		INCLUDES REPLACING W-32-013, ROUTE 18 OVER								(MA1236)+BR Total Cost = \$81,812,268
		THE OLD COLONY RAILROAD (MBTA)								
	-			HSIP Subtotal ►	\$ 3,600,000	\$	3,240,000	\$	360,000	90% Federal + 10% Non-Federal

### ► CMAQ - Congestion Mitigation and Air Quality Improvement Program

605721	WEYMOUTH- INTERSECTION IMPROVEMENTS @ MIDDLE STREET, LIBBEY INDUSTRIAL PARKWAY	6	CMAQ	\$ 937,326	\$ 749,861	\$ 187,465	
606117	AND TARA DRIVE 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 local contributions; additional funding programmed fo GLX in FFY 2016 (other funds under Transit - Section 5309)
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	
	1		CMAQ Subtotal	\$ 15,466,436	\$ 12,373,149	\$ 3,093,287	80% Federal + 20% Non-Federal

#### ► TAP - Transportation Alternatives Program

	607409	LEXINGTON- RECONSTRUCTION ON	4	TAP	\$ 2,600,000	\$ 2,080,000	\$ 520,000	
		MASSACHUSETTS AVENUE, FROM MARRETT						TAP+HSIP Total Cost = \$5,200,000
		ROAD TO PLEASANT STREET						
		· · · · · · · · · · · · · · · · · · ·		TAP Subtotal ►	\$ 2,600,000	\$ 2,080,000	\$ 520,000	80% Federal + 20% Non-Federal

ZU I O Bosto	n Region MP	O Transportation Improvement Program					06/16/2016 Proposed Draft Amendment Five						
Amendment/ Adjustment Type ▼	MassDOT Project ID ▼	MassDOT Project Description ▼	MassDOT District ▼	Funding Source ▼		al ogrammed nds ▼	Fe ▼	deral Funds	Non-l Fund		Additional Information ▼		
► Non-CMAQ/HSIP/T	AP (Other)												
MENDMENT:Change	29492	BEDFORD- BILLERICA- BURLINGTON- MIDDLESEX TURNPIKE IMPROVEMENTS, FROM CROSBY DRIVE NORTH TO MANNING ROAD, INCLUDES RECONSTRUCTION OF B-04-006 (PHASE III)	4	STP	\$	21,691,442	\$	17,353,154	\$	4,338,288	AC Yr 1 of 2; STP+TAP+Statewide Infrastructure+Northern Middlesex Council o Governments contribution (\$1,000,000) Tota Cost = \$36,735,048		
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	\$	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- TIP)		
		Non-CMAQ/	HSIP/TAP (	Other) Subtotal ►	► \$	53,343,385	\$	42,674,708	\$	10,668,677	80% Federal + 20% Non-Federal		

Section 1A / Fis	scal Constraint Analysis
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Total Federal Aid Target Funds Programmed ►	\$	75,009,821	\$	75,009,821		\$ (0)	Funds Over Programmed
Total Non-CMAQ/HSIP/TAP (Other) Programmed ►	\$	53,343,385	\$	52,188,453	<ul> <li>Max. Non-</li> </ul>	\$ (1,154,932)	Non-CMAQ/HSIP/TAP (Other)
					CMAQ/HSIP/TAP		Exceeds Maximum
	-		-				
Total HSIP Programmed	\$	3,600,000	\$	4,296,710	<ul> <li>Min. HSIP</li> </ul>	\$ 696,710	HSIP Minimum Not Met
Total CMAQ Programmed ►	\$	15,466,436	\$	13,427,220	<ul> <li>Min. CMAQ</li> </ul>	\$ (2,039,216)	CMAQ Minimum Met
Total TAP Programmed ►	\$	2,600,000	\$	5,097,438	<ul> <li>Min. TAP</li> </ul>	\$ 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

60	07498	QUINCY- BRIDGE MAINTENANCE OF Q-01-051 ON ROUTE 3	6	NHPP	\$ 1,882,958	\$ 1,506,366	\$ 376,592	
		Statewide Bridge Main	itenance F	Program Subtotal ►	\$ 1,882,958	\$ 1,506,366	\$ 376,592	80% Federal + 20% Non-Federal

	603008	WOBURN- BRIDGE REPLACEMENT, W-43-003, SALEM STREET OVER MBTA	4	NHPP	\$ 7,089,200	\$ 5,671,360	\$ 1,417,840	
ADJUSTMENT:Decreas e Cost	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	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	\$ 29,000,000	\$ 23,200,000	\$ 5,800,000	AC Yr 1 of 2: Total Cost =\$41,955,600
	600867	BOSTON- BRIDGE REHABILITATION, B-16-237, MASSACHUSETTS AVENUE (ROUTE 2A) OVER COMMONWEALTH AVENUE	6	NHPP	\$ 8,549,748	\$ 6,839,798	\$ 1,709,950	
			On S	ystem Subtotal ►	\$ 54,042,277	\$ 43,233,821	\$ 10,808,455	80% Federal + 20% Non-Federal

2016 Boston	n Region MPC	) Transportation Improvement Program		07/30/2015 Endo 06/16/2016 Propo	rsed osed Draft Amendme	nt Five		
					Total			
Amendment/	MassDOT	MassDOT	MassDOT	Funding	Programmed	Federal Funds	Non-Federal	Additional
Adjustment Type 🔻	Project ID V	Project Description ▼	District ▼	Source V	Funds ▼	V	Funds ▼	Information <b>V</b>

► 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	ystem Subtotal 🕨	\$ 4,336,600	\$ 3,469,280	\$ 867,320	80% Federal + 20% Non-Federal

#### Statewide Bridge Inspection Program

No Projects Programmed		\$	- \$	-	\$-	
Statewi	de Bridge Inspection Program Subtota	tal ► \$	- \$	-	\$-	80% Federal + 20% Non-Federal

# Section 1C / Federal Aid Non-Target Projects

► 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); Total Cost = \$109,075; Equipment Expenses Only; Local match provided by Town of Winthrop
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	new addition to FFY 2016; NHPP+Bridge+State Infrastructure+State CMAQ = \$16.8 million in FFY 2016; project advertised for \$52 million in FFY 2015
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+State Infrastructure+State CMAQ = \$16.8 million in FFY 2016; project advertised for \$52 million in FFY 2015
I			Other Fede	ral Aid Subtotal 🕨	• \$	19,157,355	\$ 15,440,160	\$ 3,717,196	<ul> <li>Funding Split Varies by Funding Source</li> </ul>

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

# Statewide Infrastructure Program

	603917	MEDFORD- STONEHAM- WOBURN- READING- HIGHWAY LIGHTING REHABILITATION ON I-93 (PHASE II)	4	STP	\$ 15,000,000	\$ 12,000,000	\$ 3,000,000	AC Year 1 of 2; Total Cost = \$17,500,000
	605733	DISTRICT 6- HIGHWAY LIGHTING SYSTEM REPLACEMENT ON I-93, FROM SOUTHAMPTON STREET TO NEPONSET AVENUE IN BOSTON	6	STP	\$ 2,500,000	\$ 2,000,000	\$ 500,000	AC Year 1 of 3; Total Cost = \$8,250,000
AMENDMENT:Add Project	606146	CANTON- NORWOOD- WESTWOOD- DEDHAM STREET/I-95 INTERCHANGE RECONSTRUCTION INCLUDING REHABILITATION/REPLACEMENT OF 5 BRIDGES	6	STP	\$ 1,303,676	\$ 1,042,941	\$ 260,735	new addition to FFY 2016; NHPP+Bridge+State Infrastructure+State CMAQ = \$16.8 million in FFY 2016; project advertised for \$52 million in FFY 2015

Statewide Infrastructure Program Subtotal ► \$ 18,803,676 \$ 15,042,941 \$ 3,760,735 4 80% Federal + 20% Non-Federal

2016 Basta	n Region MP	O Transportation Improvement Program					30/2015 Endo	Draft Amendme	unt Filve
Amendment/ Adjustment Type ▼	MassDOT Project ID ▼	MassDOT Project Description V	MassDOT District ▼	Funding Source ▼	al ogrammed nds ▼	Τ	•	Federal	Additional Information ▼
Statewide HSIP P	rogram								
	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	rogram Subtotal 🕨	\$ 1,100,000	\$	990,000	\$ 110,000	◄ 90% Federal + 10% Non-Federal
Statewide Safe Re	outes to Schools	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	rogram Subtotal 🕨	\$ 2,919,333	\$	2,335,466	\$ 583,867	<ul> <li>Funding Split Varies by Funding Source</li> </ul>
Statewide CMAQ									
	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	
AMENDMENT: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	\$ 8,173,453	\$	6,538,762	\$ 1,634,691	cost increase of \$2,640,869; 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	
MENDMENT:Add Project	608281	FRAMINGHAM- NATICK- ADAPTIVE SIGNAL CONTROL ON ROUTE 9 (WORCESTER ROAD)	3	CMAQ	\$ 711,065	\$	568,852	\$ 142,213	new addition to Boston Region MPO TIP; one the locations identified for Adaptive Signal Controls
AMENDMENT:Add Project	606146	CANTON- NORWOOD- WESTWOOD- DEDHAM STREET/I-95 INTERCHANGE RECONSTRUCTION INCLUDING REHABILITATION/REPLACEMENT OF 5	6	CMAQ	\$ 5,085,582	\$	4,068,466	\$ 1,017,116	new addition to FFY 2016; NHPP+Bridge+Stat Infrastructure+State CMAQ = \$16.8 million in FFY 2016; project advertised for \$52 million in

Statewide CMAQ ► \$ 19,242,510 \$ 15,394,008 \$ 3,848,502 < 80% Federal + 20% Non-Federal

### ► Statewide Transportation Enhancements

BRIDGES

No Projects Programmed			\$ -	-	-	
	Statewide Transportation Enhancer	ments Subtotal 🕨	\$ - \$	-	\$-	80% Federal + 20% Non-Federal

### ► Statewide ITS

No Projects Programmed		\$ -	-	-	
Statew	ide ITS Subtotal 🕨	\$ -	\$ -	\$-	80% Federal + 20% Non-Federal

FFY 2015

	n Region MP	O Transportation Improvement Program	_		1			)/2015 Endo 5/2016 Prop	rsed osed Draft Amend	nent Five
					Tot					
Amendment/	MassDOT	MassDOT	MassDOT			grammed		ral Funds	Non-Federal	Additional
Adjustment Type 🔻	Project ID ▼	Project Description ▼	District ▼	Source ▼	Fur	nds ▼	▼		Funds ▼	Information <b>V</b>
Statewide Intersta	te Maintenance	Program								
		No Projects Programmed			\$	-		-		-
		Statewide Interstate Ma	intenance Pr	rogram Subtotal ►	\$	-	\$	-	\$	- < 90% Federal + 10% Non-Federal
Statewide NHS Pre	eservation Prog 608180	ram+  WELLESLEY- RESURFACING ON ROUTE 9, FROM	6	NHPP	\$	7,327,800	\$	5,862,240	\$ 1,465,5	50
		LIMIT OF ADD-A-LANE TO EAST OF OVERBROOK INTERSECTION			ŀ	,. ,	Ì	.,,	. , , .	
AMENDMENT:Increase Cost	607488	SOUTHBOROUGH- RESURFACING & RELATED WORK ON ROUTE 9, FROM THE FRAMINGHAM T.L TO WHITE BAGLEY ROAD	3	NHPP	\$	4,760,219	\$	3,808,175	\$ 952,0	14 cost increase of \$968,879; was \$3,791,340
		Statewide NHS Pre	servation P	rogram Subtotal 🕨	\$	12,088,019	\$	9,670,415	\$ 2,417,6	4 ≤ 80% Federal + 20% Non-Federal
Statewide RR Grad	de Crossings	No Projects Programmed			\$	-	1	-		-
		Statewide RI	R Grade Cro	ssings Subtotal 🕨	\$	-	\$	-	\$	<ul> <li>4 80% Federal + 20% Non-Federal</li> </ul>
	atan Datuafita									
Statewide Stormw		SALEM - STORMWATER IMPROVEMENTS ALONG	4	STP_TF	\$	125 000	\$	100.000	\$ 25.0	
► Statewide Stormw	ater Retrofits 608059	SALEM - STORMWATER IMPROVEMENTS ALONG ROUTE 107 (SALEM BYPASS ROAD)	4	STP-TE	\$	125,000	\$	100,000	\$ 25,0	
► Statewide Stormw		ROUTE 107 (SALEM BYPASS ROAD)		STP-TE etrofits Subtotal ►		125,000		100,000		
	608059	ROUTE 107 (SALEM BYPASS ROAD) Statewide St				,		,		00
	608059	ROUTE 107 (SALEM BYPASS ROAD) Statewide Statewide Statew			\$	,		,		00
	608059	ROUTE 107 (SALEM BYPASS ROAD) Statewide St an No Projects Programmed	tormwater R		\$	125,000		100,000	\$ 25,0	00
► Statewide ADA Im	608059 plementation Pl	ROUTE 107 (SALEM BYPASS ROAD) Statewide St an No Projects Programmed	tormwater R	etrofits Subtotal ►	\$	125,000	\$	100,000	\$ 25,0	00 10] ◀ 80% Federal + 20% Non-Federal
► Statewide ADA Im	608059 plementation Pl	ROUTE 107 (SALEM BYPASS ROAD) Statewide St an No Projects Programmed	tormwater R	etrofits Subtotal ►	\$	125,000	\$	100,000	\$ 25,0	00 10] ◀ 80% Federal + 20% Non-Federal
► Statewide ADA Im	608059 plementation Pl	ROUTE 107 (SALEM BYPASS ROAD) Statewide Si an No Projects Programmed Statewide ADA In	tormwater R	etrofits Subtotal ►	\$	-	\$	100,000 - -	\$ 25,0	00 00 ◀ 80% Federal + 20% Non-Federal - -   ◀ 80% Federal + 20% Non-Federal
► Statewide ADA Im	608059 plementation Pl	ROUTE 107 (SALEM BYPASS ROAD)         Statewide Si         an         No Projects Programmed         Statewide ADA In         ABP GANS Repayment         Award Adjustments, Change Orders, Project Value         Changes, Etc.	tormwater R	etrofits Subtotal ►	\$ \$ \$ \$	-	\$	100,000 - -	\$ 25,0	00 00 ◀ 80% Federal + 20% Non-Federal - -   ◀ 80% Federal + 20% Non-Federal
► Statewide ADA Im	608059 plementation Pl	ROUTE 107 (SALEM BYPASS ROAD)         Statewide Si         an         No Projects Programmed         Statewide ADA In         ABP GANS Repayment         Award Adjustments, Change Orders, Project Value         Changes, Etc.         DBEs, FAPO, Pavement Lab Retrofits, and Misc.	tormwater R	etrofits Subtotal ►	\$	-	\$	100,000 - -	\$ 25,0	00 00 ◀ 80% Federal + 20% Non-Federal - -   ◀ 80% Federal + 20% Non-Federal
► Statewide ADA Im	608059 plementation Pl	ROUTE 107 (SALEM BYPASS ROAD)         Statewide Si         an         No Projects Programmed         Statewide ADA In         ABP GANS Repayment         Award Adjustments, Change Orders, Project Value         Changes, Etc.         DBEs, FAPO, Pavement Lab Retrofits, and Misc.         Programs	tormwater R	etrofits Subtotal ►	\$ \$ \$ \$ \$	125,000 - - - - -	\$	<u>-</u> - - - - -	\$ 25,0	00 00 ◀ 80% Federal + 20% Non-Federal ◀ 80% Federal + 20% Non-Federal 
► Statewide ADA Im	608059 plementation Pl	ROUTE 107 (SALEM BYPASS ROAD)         Statewide SI         an         No Projects Programmed         Statewide ADA In         ABP GANS Repayment         Award Adjustments, Change Orders, Project Value Changes, Etc.         DBEs, FAPO, Pavement Lab Retrofits, and Misc.         Programs         Planning	tormwater R	etrofits Subtotal ►	\$ \$ \$ \$ \$ \$ \$	125,000 - - - - - - -	\$	100,000 - - - - - - - -	\$ 25,0	00 00 ◀ 80% Federal + 20% Non-Federal - -   ◀ 80% Federal + 20% Non-Federal
<ul> <li>Statewide Stormw</li> <li>Statewide ADA Imp</li> <li>Other Statewide It</li> </ul>	608059 plementation Pl	ROUTE 107 (SALEM BYPASS ROAD)         Statewide Si         an         No Projects Programmed         Statewide ADA In         ABP GANS Repayment         Award Adjustments, Change Orders, Project Value         Changes, Etc.         DBEs, FAPO, Pavement Lab Retrofits, and Misc.         Programs	tormwater R	etrofits Subtotal ►	\$ \$ \$ \$ \$	125,000 - - - - -	\$	<u>-</u> - - - - -	\$ 25,0	00 00 ◀ 80% Federal + 20% Non-Federal ◀ 80% Federal + 20% Non-Federal 

2016 Bosto	n Region MPC	Transportation Improvement Program				07/30/2015 Endo 06/16/2016 Prope	nt Five	
					Total			
Amendment/	MassDOT	MassDOT	MassDOT	Funding	Programmed	Federal Funds	Non-Federal	Additional
Adjustment Type 🔻	Project ID V	Project Description ▼	District ▼	Source V	Funds ▼	▼	Funds ▼	Information V

### Section 2A / Non-Federal Projects

### ► Non Federal Aid FAIRMOUNT IMPROVEMENTS 1568

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

## Section 2B / Non-Federal Bridge Projects

No Projects Programmed	NFA	\$ -		\$ -	
	Section 2B / Non-Federal Bridge Projects Subtotal►	\$ -		\$-	■100% Non-Federal
		TIP Section 1:	TIP Section 2:	Total of All	
2016 Boston Region MPO TIP Summary		▼	▼	Projects ▼	
	Total ►	\$ 208,707,549	\$ 29,447,000	\$ 238,154,549	<ul> <li>Total Spending in Region</li> </ul>
					<ul> <li>Total Federal Spending in Region</li> </ul>
	Federal Funds ►	\$ 167,550,315		φ 107,000,010	

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

2017 Bosto	n Region MPC	Transportation Improvement Program	07/30/2015 Endorsed 06/16/2016 Proposed Draft Amendment Five					
					Total			
Amendment/	MassDOT	MassDOT	MassDOT	Funding	Programmed	Federal Funds	Non-Federal	Additional
Adjustment Type 🔻	Project ID V	Project Description ▼	District ▼	Source ▼	Funds ▼	▼	Funds ▼	Information <b>V</b>

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

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

## ► CMAQ - Congestion Mitigation and Air Quality Improvement Program

60	• .• .•	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
60		SOUTHBOROUGH- RECONSTRUCTION OF MAIN STREET (ROUTE 30), FROM SEARS ROAD TO PARK STREET	3	CMAQ	\$ 1,038,370	\$ 830,696	\$ 207,674	STP+CMAQ+TAP Total Cost = \$6,862,752
60		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
18		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)
·		<u> </u>	(	CMAQ Subtotal ►	\$ 16,937,401	\$ 13,549,921	\$ 3,387,480	80% Federal + 20% Non-Federal

#### ► TAP - Transportation Alternatives Program

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

2017 Bosto	n Region MP	O Transportation Improvement Program				07/30/2015 Endo 06/16/2016 Prop	orsed osed Draft Amendme	ent Five
Amendment/ Adjustment Type ▼	MassDOT Project ID ▼	MassDOT Project Description ▼	MassDOT District ▼	Funding Source ▼	Total Programmed Funds ▼	Federal Funds ▼	Non-Federal Funds ▼	Additional Information ▼
► Non-CMAQ/HSIP/T	AP (Other)							
	603711	NEEDHAM- WELLESLEY- REHAB/REPLACEMENT OF 6 BRIDGES ON I-95/ROUTE 128: N-04-020, N-04- 021, N-04-022, N-04-026, N-04-027, N-04-037 & W-13- 023 (ADD-A-LANE - CONTRACT V)	6	NHPP	\$ 13,360,000	\$ 10,688,000	\$ 2,672,000	AC Yr 4 of 5; NHPP+BR+Statewide Infrastructure Total Cost = \$164,919,140 (\$50,725,206 programmed within FFYs 2016-2 TIP)
	1570	GREEN LINE EXTENSION PROJECT- EXTENSION TO COLLEGE AVENUE WITH THE UNION SQUARE SPUR	N/A	STP	\$ 16,472,780	\$ 13,178,224	\$ 3,294,556	funding flexed to FTA; match provided by loca contributions; additional funding programmed for GLX in FFY 2017 (other funds under Transit - Section 5309)
AMENDMENT:Change Additional Information	29492	BEDFORD- BILLERICA- BURLINGTON- MIDDLESEX TURNPIKE IMPROVEMENTS, FROM CROSBY DRIVE NORTH TO MANNING ROAD, INCLUDES RECONSTRUCTION OF B-04-006 (PHASE III)	4	STP	\$ 6,604,906	\$ 5,283,925	\$ 1,320,981	AC Yr 2 of 2; STP+TAP+Statewide Infrastructure+Northern Middlesex Council of Governments contribution (\$1,000,000) Total Cost = \$36,735,048
AMENDMENT:Change Additional Information	601630	WEYMOUTH- ABINGTON- RECONSTRUCTION & WIDENING ON ROUTE 18 (MAIN STREET) FROM HIGHLAND PLACE TO ROUTE 139 (4.0 MILES) INCLUDES REPLACING W-32-013, ROUTE 18 OVER THE OLD COLONY RAILROAD (MBTA)	6	STP	\$ 12,850,000	\$ 10,280,000	\$ 2,570,000	AC Yr 2 of 4; STP+HSIP+TEA-21 Earmark (MA1236)+BR Total Cost = \$81,812,268
	607309	HINGHAM- RECONSTRUCTION & RELATED WORK ON DERBY STREET, FROM POND PARK ROAD TO CUSHING STREET	5	STP	\$ 3,195,430	\$ 2,556,344	\$ 639,086	HSIP+STP Total Cost = \$3,994,287
	605110	BROOKLINE- INTERSECTION & SIGNAL IMPROVEMENTS @ ROUTE 9 & VILLAGE SQUARE (GATEWAY EAST)	6	STP	\$ 2,000,000	\$ 1,600,000	\$ 400,000	STP+TAP+CMAQ+Private Sector Contribution (\$1,000,000) Total Cost = \$5,818,649
	604989	SOUTHBOROUGH- RECONSTRUCTION OF MAIN STREET (ROUTE 30), FROM SEARS ROAD TO PARK STREET	3	STP	\$ 3,000,000	\$ 2,400,000	\$ 600,000	STP+CMAQ+TAP Total Cost = \$6,862,752
	604810	MARLBOROUGH- RECONSTRUCTION OF ROUTE 85 (MAPLE STREET)	3	STP	\$ 215,909	\$ 172,727	\$ 43,182	HSIP+CMAQ+STP Total Cost = \$5,613,636
	604935	WOBURN- RECONSTRUCTION OF MONTVALE AVENUE, FROM I-93 INTERCHANGE TO CENTRAL STREET (APPROX. 1,850 FT)	4	STP	\$ 1,188,210	\$ 950,568	\$ 237,642	STP+HSIP Total Cost = \$4,752,838

### Section 1A / Fiscal Constraint Analysis

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

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

2017 Bost	on Region MF	PO Transportation Improvement Program				07/30/2015 End 06/16/2016 Prop	orsed oosed Draft Amendme	ent Five
Amendment/ Adjustment Type ▼	MassDOT Project ID ▼	MassDOT Project Description ▼	MassDOT District ▼	Funding Source ▼	Total Programmed Funds ▼	Federal Funds ▼	Non-Federal Funds ▼	Additional Information ▼
Section 1B / Fede	ral Aid Bridge P	rojects						
Statewide Bridge	Maintenance Pr	ogram		1	1	1	1	
		No Projects Programmed						
		Statewide Bridge Ma	intenance Pr	ogram Subtotal 🕨	\$ -	\$ -	\$-	80% Federal + 20% Non-Federal
On System	1			1	1	1	1	
	604173	BOSTON- BRIDGE REHABILITATION, B-16-016, NORTH WASHINGTON STREET OVER THE CHARLES RIVER	6	NHPP	\$ 12,984,000	\$ 10,387,200	\$ 2,596,800	AC Yr 1 of 4; Total Cost = \$112,700,000
	607954	DANVERS - BRIDGE REPLACEMENT, D-03-018, ROUTE 128 OVER WATERS RIVER	4	NHPP	\$ 10,513,973	\$ 8,411,178	\$ 2,102,795	
	606553	HANOVER- NORWELL- SUPERSTRUCTURE REPLACEMENT, H-06-010, ST 3 OVER ST 123 (WEBSTER STREET) & N-24-003, ST 3 OVER ST 123 (HIGH STREET)	6	NHPP	\$ 12,955,600	\$ 10,364,480	\$ 2,591,120	AC Yr 2 of 2; Total Cost = \$41,955,600
	604952	LYNN- SAUGUS- BRIDGE REPLACEMENT, L-18- 016=S-05-008, ROUTE 107 OVER THE SAUGUS RIVER (AKA - BELDEN G. BLY BRIDGE)	4	NHPP	\$ 6,800,000	\$ 5,440,000	\$ 1,360,000	AC Yr 1 of 4; Total Cost = \$45,000,000
MENDMENT:Add unding Source	601630	WEYMOUTH- ABINGTON- RECONSTRUCTION & WIDENING ON ROUTE 18 (MAIN STREET) FROM HIGHLAND PLACE TO ROUTE 139 (4.0 MILES) INCLUDES REPLACING W-32-013, ROUTE 18 OVER THE OLD COLONY RAILROAD (MBTA)	6	NHPP	\$ 21,758,750	\$ 17,407,000	\$ 4,351,750	cost increase of \$21,758,750 million; AC Yr 2 4; STP+HSIP+TEA-21 Earmark (MA1236)+I Total Cost = \$81,812,268; was \$60,053,51
	_		On S	System Subtotal 🕨	\$ 65,012,323	\$ 52,009,858	\$ 13,002,465	80% Federal + 20% Non-Federal
Off-System								
		No Projects Programmed	0.11		\$ - \$ -	\$ - \$ -	\$ -	
			0π-8	System Subtotal <	<b>\$</b> -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal
Statewide Bridge II	onaction Broard	~						
Statewide Bridge ii	ispection Program	No Projects Programmed			\$ -	\$ -	\$-	
		Statewide Bridge I	nspection Pr	ooram Subtotal ►		\$ -	\$ -	■ 80% Federal + 20% Non-Federal
					<u>.</u> .	1 ·	1.	
Section 1C / Fede	ral Aid Non-Tar	get Projects						
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)	\$ 6,171,760	\$ 4,937,408	\$ 1,234,352	AC Yr 2 of 4; STP+HSIP+TEA-21 Earmark (MA1236)+BR Total Cost = \$81,812,268

Other Federal Aid Subtotal ► \$ 6,171,760 \$ 4,937,408 \$ 1,234,352 < Funding Split Varies by Funding Source

2017 Bosto	on Region MPC	) Transportation Improvement Program			07/30/2015 Endo 06/16/2016 Propo	rsed osed Draft Amendme	nt Five	
					Total			
Amendment/	MassDOT	MassDOT	MassDOT	Funding	Programmed	Federal Funds	Non-Federal	Additional
Adjustment Type 🔻	Project ID V	Project Description ▼	District ▼	Source V	Funds ▼	V	Funds ▼	Information <b>V</b>

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

#### Statewide Infrastructure Program

	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
(	DISTRICT 6- HIGHWAY LIGHTING SYSTEM REPLACEMENT ON I-93, FROM SOUTHAMPTON STREET TO NEPONSET AVENUE IN BOSTON	6	STP	\$ 4,500,000	\$ 3,600,000	\$ 900,000	AC Year 2 of 3; Total Cost = \$8,250,000
AMENDMENT:Add Funding Source	BEDFORD- BILLERICA- BURLINGTON- MIDDLESEX TURNPIKE IMPROVEMENTS, FROM CROSBY DRIVE NORTH TO MANNING ROAD, INCLUDES RECONSTRUCTION OF B-04-006 (PHASE III)		STP	\$ 7,438,700	\$ 5,950,960	\$ 1,487,740	cost increase of \$7,438,700; AC Yr 2 of 2; STP+TAP+Statewide Infrastructure+Northern Middlesex Council of Governments contribution (\$1,000,000) Total Cost = \$36,735,048; was \$29,296,348

Statewide Infrastructure Program Subtotal ► \$ 14,438,700 \$ 11,550,960 \$ 2,887,740 < 80% Federal + 20% Non-Federal

### Statewide HSIP Program

	• g											
	607754	MILTON- INTERSECTION & SIGNAL		6	HSIP	\$	350,000	\$	315,000	\$	35,000	
		IMPROVEMENTS AT GRANITE AVENUE &										
		SQUANTUM STREET										
			01-1-1-1-1-1			•	050 000	•	045 000	•		

Statewide HSIP Program Subtotal ► \$ 350,000 \$ 315,000 \$ 35,000 < 90% Federal + 10% Non-Federal

### Statewide Safe Routes to Schools Program

	WEYMOUTH - SAFE ROUTES TO SCHOOL (PINGREE ELEMENTARY)	6	TAP	\$ 754,000	\$ 603,200	\$ 150,800	
	(FINGREE ELEMENTART)						
	WATERTOWN - SAFE ROUTES TO SCHOOL (HOSMER ELEMENTARY)	6	ТАР	\$ 903,500	\$ 722,800	\$ 180,700	
	Statewide Safe Routes to	Schools Pro	ogram Subtotal 🕨	\$ 1,657,500	\$ 1,326,000	\$ 331,500	<ul> <li>Funding Split Varies by Funding Source</li> </ul>

### Statewide CMAQ

	 STONEHAM- SIGNAL & INTERSECTION IMPROVEMENTS AT ROUTE 28/NORTH STREET	4	CMAQ	\$ 1,532,550	\$ 1,226,040	\$ 306,510	
		St	atewide CMAQ ►	\$ 1,532,550	\$ 1,226,040	\$ 306,510	80% Federal + 20% Non-Federal

### ► Statewide Transportation Enhancements

No Projects Programmed			\$ -	-	-	
Statewide Transportation	on Enhance	ments Subtotal 🕨	\$ -	\$ -	\$-	80% Federal + 20% Non-Federal

## ► Statewide ITS

No Projects Programmed		\$-	-	-	
	Statewide ITS Subtotal ►	\$-	\$-	\$-	80% Federal + 20% Non-Federal

### ► Statewide Interstate Maintenance Program

	 RANDOLPH- QUINCY- BRAINTREE- RESURFACING & RELATED WORK ON I-93 (SB)	6	NHPP	\$ 4,693,450	\$ 4,224,105	\$ 469,345	
	Statewide Interstate Main	ntenance Pro	ogram Subtotal 🕨	\$ 4,693,450	\$ 4,224,105	\$ 469,345	<ul> <li>90% Federal + 10% Non-Federal</li> </ul>

201/ Bost	on Region MP	O Transportation Improvement Program						30/2015 Endo 16/2016 Prop	osed Draft Amendme	ent Five
Amendment/ Adjustment Type ▼	MassDOT Project ID ▼	MassDOT Project Description ▼	MassDOT District ▼	Funding Source ▼		al grammed ids ▼	Fec ▼	leral Funds	Non-Federal Funds ▼	Additional Information ▼
Statewide NHS P	reconnection Brown	rom h								
Statewide NH5 P	607477	LYNNFIELD- PEABODY- RESURFACING & RELATED	4	NHPP	¢	7,721,542	¢	6,177,234	\$ 1,544,308	
	60/4//	WORK ON ROUTE 1	4	NHPP	\$	7,721,542	\$	0,177,234	\$ 1,544,308	
		Statewide NHS Pre	eservation Pr	ogramSubtotal 🕨	\$	7,721,542	\$	6,177,234	\$ 1,544,308	80% Federal + 20% Non-Federal
Statewide RR Gra	ide Crossings	No Projects Programmed		1	\$	-	1		_	
			R Grade Cro	ssings Subtotal ►		-	\$	-	\$-	■ 80% Federal + 20% Non-Federal
Statewide Storm	vater Retrofits	No Projects Programmed		1	\$					
			tormulator D	etrofits Subtotal ►			\$	-	\$ -	■ 80% Federal + 20% Non-Federal
Statewide ADA In	plementation Pla				\$		1		-	
		Statewide ADA In	nlementatio	n Plan Subtotal 🕨			\$		\$ -	■ 80% Federal + 20% Non-Federal
Other Statewide I	tems	ABP GANS Repayment			\$		1			
		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			\$	-		-	-	

# Section 2A / Non-Federal Projects

## ► Non Federal Aid

,								
	1568	FAIRMOUNT IMPROVEMENTS	N/A	NFA	\$ 11,574,800	\$	11,574,800	Lists cash flows (based on state fiscal year)
	1572	RED LINE-BLUE LINE CONNECTOR DESIGN	N/A	NFA	\$ 10,000,000	\$	10,000,000	MassDOT made a formal request on Aug. 1, 2011, to remove this project from the State Implementation Plan regulation. The MPO is continuing to reference this project in the document until the process is complete.
			Non-Fede	eral Aid Subtotal►	\$ 21,574,800	\$	21,574,800	◀100% Non-Federal

		O Transportation Improv			Total			Additional			
mendment/	MassDOT	MassDOT	MassDOT	Funding	Programmed	Federal Funds	Non-Federal	Additional			
Adjustment Type 🔻	Project ID V	Project Description ▼	District ▼	Source V	Funds ▼	V	Funds ▼	Information <b>V</b>			
<ul> <li>Section 2B / Non-</li> </ul>	Federal Bridge P	rojects									
Section 2B / Non-Federal Bridge Projects											
► Section 2B / Non-Federal Bridge Projects											
Section 2B / Non-	Federal Bridge P			1		1					
► Section 2B / Non-	Federal Bridge P	rojects No Projects Programmed		NFA	\$-		\$-				
Section 2B / Non-	Federal Bridge P		Section 2B / Non-Federal Bridge P		\$ - \$ -	-	\$ - \$ -	■100% Non-Federal			
Section 2B / Non-	Federal Bridge P		Section 2B / Non-Federal Bridge P		\$ - \$ - TIP Section 1:	TIP Section 2:	Ŷ	■100% Non-Federal			
0047		No Projects Programmed	Section 2B / Non-Federal Bridge P		L	TIP Section 2:	\$-	■100% Non-Federal			
0047			Section 2B / Non-Federal Bridge P	rojects Subtotal►	TIP Section 1: ▼	TIP Section 2: ▼	S - Total of All Projects ▼	_			
0047		No Projects Programmed	Section 2B / Non-Federal Bridge P	rojects Subtotal►	L	TIP Section 2: ▼ \$ 21,574,800	S - Total of All Projects ▼	<ul> <li>◄100% Non-Federal</li> <li>◄ Total Spending in Region</li> </ul>			
0047		No Projects Programmed	,	rojects Subtotal► Total ►	TIP Section 1: ▼	▼	S - Total of All Projects ▼	_			

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/Haggers/main.aspx

2018 Boston	n Region MPC	Transportation Improvement Program		07/30/2015 Endo 06/16/2016 Prope	rsed osed Draft Amendme	ent Five		
					Total			
Amendment/	MassDOT	MassDOT	MassDOT	Funding	Programmed	Federal Funds	Non-Federal	Additional
Adjustment Type V	Project ID 🔻	Project Description ▼	District ▼	Source ▼	Funds ▼	▼	Funds ▼	Information <b>V</b>

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

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

### ► CMAQ - Congestion Mitigation and Air Quality Improvement Program

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

### ► TAP - Transportation Alternatives Program

606635	NEEDHAM- NEWTON- RECONSTRUCTION OF HIGHLAND AVENUE, NEEDHAM STREET & CHARLES RIVER BRIDGE, N-04-002, FROM WEBSTER STREET (NEEDHAM) TO ROUTE 9 (NEWTON)	6	ТАР	\$ 3,312,089	\$ 2,649,671	\$ 662,418	CMAQ+HSIP+TAP+STP Total Cost = 15,464,292
			TAP Subtotal 🕨	\$ 3,312,089	\$ 2,649,671	\$ 662,418	80% Federal + 20% Non-Federal

2018 Bosto	n Region MP	O Transportation Improvement Program				07/30/2015 Endorsed 06/16/2016 Proposed Draft Amendment Five							
Amendment/ Adjustment Type ▼	MassDOT Project ID ▼	MassDOT Project Description ▼	MassDOT District ▼	•	Total Programmed Funds ▼	Federal Funds ▼	Non-Federal Funds ▼	Additional Information ▼					
Non-CMAQ/HSIP/T	AP (Other)												
	603711	NEEDHAM- WELLESLEY- REHAB/REPLACEMENT OF 6 BRIDGES ON I-95/ROUTE 128: N-04-020, N-04- 021, N-04-022, N-04-026, N-04-027, N-04-037 & W-13- 023 (ADD-A-LANE - CONTRACT V)	6	NHPP	\$ 13,168,183	\$ 10,534,546	\$ 2,633,637	AC Yr 5 of 5; NHPP+BR+Statewide Infrastructure Total Cost = \$164,919,140 (\$50,725,206 programmed within FFYs 2016-2 TIP)					
	1570	GREEN LINE EXTENSION PROJECT- EXTENSION TO COLLEGE AVENUE WITH THE UNION SQUARE SPUR	N/A	STP	\$ 26,572,780	\$ 21,258,224	\$ 5,314,556	funding flexed to FTA; match provided by loca contributions; additional funding programmed f GLX in FFY 2018 (other funds under Transit - Section 5309)					
AMENDMENT:Change Additional Information	601630	WEYMOUTH- ABINGTON- RECONSTRUCTION & WIDENING ON ROUTE 18 (MAIN STREET) FROM HIGHLAND PLACE TO ROUTE 139 (4.0 MILES) INCLUDES REPLACING W-32-013, ROUTE 18 OVER THE OLD COLONY RAILROAD (MBTA)	6	STP	\$ 21,031,758	\$ 16,825,406	\$ 4,206,352	AC Yr 3 of 4; STP+HSIP+TEA-21 Earmark (MA1236)+BR Total Cost = \$81,812,268					
	606635	NEEDHAM- NEWTON- RECONSTRUCTION OF HIGHLAND AVENUE, NEEDHAM STREET & CHARLES RIVER BRIDGE, N-04-002, FROM WEBSTER STREET (NEEDHAM) TO ROUTE 9 (NEWTON)	6	STP	\$ 6,144,648	\$ 4,915,718	\$ 1,228,930	CMAQ+HSIP+TAP+STP Total Cost = 15,464,292					
	600518	HINGHAM- INTERSECTION IMPROVEMENTS AT DERBY STREET, WHITING STREET (ROUTE 53) AND GARDNER STREET	5	STP	\$ 2,446,188	\$ 1,956,950	\$ 489,238	STP+HSIP Total Cost = \$3,057,735					

### Section 1A / Fiscal Constraint Analysis

Total Federal Aid Target Funds Programmed ►	\$ 92,721,968	\$ 92,626,333	Total Target	\$ (95,635)	Funds Over Programmed
Total Non-CMAQ/HSIP/TAP (Other) Programmed ►	\$ 69,363,557	\$ 71,590,314	<ul> <li>Max. Non-</li> </ul>	\$ (95,635)	Non-CMAQ/HSIP/TAP (Other)
			CMAQ/HSIP/TAP		Exceeds Maximum
Total HSIP Programmed ►	\$ 2,931,191	\$ 4,296,710	<ul> <li>Min. HSIP</li> </ul>	\$ 1,365,519	HSIP Minimum Not Met
Total CMAQ Programmed ►	\$ 17,115,131	\$ 13,427,220	<ul> <li>Min. CMAQ</li> </ul>	\$ (3,687,911)	CMAQ Minimum Met
Total TAP Programmed ►	\$ 3,312,089	\$ 3,312,089	◄ Min. TAP	\$ -	TAP Minimum Met

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

# Section 1B / Federal Aid Bridge Projects

► Statewide Bridge Maintenance Program										
No Projects Programmed		\$	- \$	- \$	-					
Statewide Bridge Ma	intenance Prograr	m Subtotal ► \$	- \$	- \$	<ul> <li>4 80% Federal + 20% Non-Federal</li> </ul>					

### ► On System

, en ejetem								
	604173	BOSTON- BRIDGE REHABILITATION, B-16-016, NORTH WASHINGTON STREET OVER THE CHARLES RIVER	6	NHPP	\$ 36,000,000	\$ 28,800,000	\$ 7,200,000	AC Yr 2 of 4; Total Cost = \$112,700,000
	604952	LYNN- SAUGUS- BRIDGE REPLACEMENT, L-18- 016=S-05-008, ROUTE 107 OVER THE SAUGUS RIVER (AKA - BELDEN G. BLY BRIDGE)	4	NHPP	\$ 18,800,000	\$ 15,040,000	\$ 3,760,000	AC Yr 2 of 4; Total Cost = \$45,000,000
			On S	ystem Subtotal ►	\$ 54,800,000	\$ 43,840,000	\$ 10,960,000	80% Federal + 20% Non-Federal

		O Transportation Improvement Program	1	1	Tot		06/		T		
mendment/	MassDOT	MassDOT	MassDOT	Funding		grammed	Fo	deral Funds	Non-	Federal	Additional
				•		•					
ldjustment Type ▼	Project ID V	Project Description ▼	District ▼	Source V	Fur	nds ▼	•		Fund	IS ▼	Information <b>V</b>
Off-System											
•		HOPKINTON- WESTBOROUGH- BRIDGE					1		1		
	606632	REPLACEMENT, H-23-006=W-24-016, FRUIT STREET	3	STP-BR-OFF	¢	11.727.339	¢	9.381.871	¢	2,345,468	
	000032		5	STF-BR-OFF	φ	11,727,559	φ	9,301,071	φ	2,345,400	
		OVER CSX & SUDBURY RIVER									
	607133	QUINCY- BRIDGE REPLACEMENT, ROBERTSON	6	STP-BR-OFF	\$	6.435.763	¢	5.148.610	e	4 007 450	
	60/133	STREET OVER I-93/US 1/SR 3	0	STP-BR-UFF	Э	6,435,763	Э	5,148,610	Ф	1,287,153	
		MARSHFIELD- BRIDGE REPLACEMENT, M-07-007,									
	604655	BEACH STREET OVER THE CUT RIVER	5	STP-BR-OFF	\$	4,822,854	\$	3,858,283	\$	964,571	
		BEACH STREET OVER THE CUT RIVER									
	607533	WALTHAM- WOERD AVENUE OVER THE CHARLES	4	STP-BR-OFF	\$	3.873.360	\$	3.098.688	¢	774,672	
	007555	RIVER	4	STF-BR-OFF	φ	3,873,300	φ	3,090,000	φ	114,012	
			Off S	system Subtotal ►	¢	26,859,316	¢	21.487.453	¢	5,371,863	◀ 80% Federal + 20% Non-Federal

### ► Statewide Bridge Inspection Program

6	07915	NEWTON- WELLESLEY- WESTON- BRIDGE MAINTENANCE OF N-12-063, N-12-054, N-12-055 & N- 12-056 ON I-95/ROUTE 128	6	NHPP	\$ 1,724,400	\$ 1,379,520	\$ 344,880	
		Statewide Bridge In	spection Pro	ogram Subtotal 🕨	\$ 1,724,400	\$ 1,379,520	\$ 344,880	80% Federal + 20% Non-Federal

## Section 1C / Federal Aid Non-Target Projects

### ► Other Federal Aid

· · · · · · · · · · · · · · · · · · ·	606134	BOSTON- TRAFFIC SIGNAL IMPROVEMENTS ON BLUE HILL AVENUE AND WARREN STREET	6	HPP (2005)	\$ 2,377,900	\$ 1,902,320	\$ 475,580	Construction; HPP 2129 (MA155)
	605789	BOSTON- RECONSTRUCTION OF MELNEA CASS BOULEVARD	6	HPP (2005)	\$ 2,429,730	\$ 1,943,784	\$ 485,946	Construction; HPP 4284 (MA203); SAFETEA-LL Earmark (HPP 756)+ SAFETEA-LU Earmark (HPP 4284) =Total Cost \$7,437,105
		BOSTON- RECONSTRUCTION OF MELNEA CASS BOULEVARD	6	HPP (2005)	\$ 5,007,375	\$ 4,005,900	\$ 1,001,475	Construction; HPP 4284 (MA203); SAFETEA-LU Earmark (HPP 756)+ SAFETEA-LU Earmark (HPP 4284) =Total Cost \$7,437,105
			Other Fede	eral Aid Subtotal 🕨	\$ 9,815,005	\$ 7,852,004	\$ 1,963,001	<ul> <li>Funding Split Varies by Funding Source</li> </ul>

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

#### Statewide Infrastructure Program

605733	DISTRICT 6- HIGHWAY LIGHTING SYSTEM	6	STP	\$ 1,250,000	\$ 1,000,000	\$ 250,000	AC Year 3 of 3; Total Cost = \$8,250,000
	REPLACEMENT ON I-93, FROM SOUTHAMPTON						
	STREET TO NEPONSET AVENUE IN BOSTON						
606381	ARLINGTON- BELMONT- HIGHWAY LIGHTING	4	STP	\$ 5,750,000	\$ 4,600,000	\$ 1,150,000	AC Year 1 of 2; Total Cost = \$9,450,000
	<b>REPAIR &amp; MAINTENANCE ON ROUTE 2</b>						
 	Statewide Infra	structure P	rogram Subtotal 🕨	\$ 7,000,000	\$ 5,600,000	\$ 1,400,000	80% Federal + 20% Non-Federal

## Statewide HSIP Program

	- 3										
	607748	ACTON- INTERSECTION & SIGNAL IMPROVEMENTS	3	HSIP	\$	1,500,000	\$	1,350,000	\$	150,000	
		ON SR 2 & SR 111 (MASSACHUSETTS AVENUE) AT									
		PIPER ROAD & TAYLOR ROAD									
	607761	SWAMPSCOTT- INTERSECTION & SIGNAL	4	HSIP	\$	550,000	\$	495,000	\$	55,000	
		IMPROVEMENTS AT SR 1A (PARADISE ROAD) AT									
		SWAMPSCOTT MALL									
<u> </u>		Statewi	de HSIP Pro	ogram Subtotal ►	\$	2,050,000	\$	1.845.000	\$	205.000	90% Federal + 10% Non-Federal
		Claton		- <u>-</u>	Ŧ	_,,	Ŧ	.,	Ŧ	200,000	

	on Region MF	O Transportation Improvement Program						30/2015 Endo 16/2016 Prop		ft Amendme	nt Five
mendment/ djustment Type ▼	MassDOT Project ID ▼	MassDOT Project Description ▼	MassDOT District ▼	Funding Source ▼		ll grammed ds ▼	Fec ▼	leral Funds	Non-Fe Funds		Additional Information ▼
Statewide Safe R	outos to School	- Brogram									
· Statewide Sale R	outes to School	No Projects Programmed			\$		\$	-	\$	-	Funding Split Varies by Funding Source
		Statewide Safe Routes	s to Schools Pr	rogram Subtotal ►		-	\$	-	\$	-	✓ Funding Split Varies by Funding Source
											-
Statewide CMAQ				1	1.		1.4				
	607329	WAKEFIELD- LYNNFIELD- RAIL TRAIL EXTENSION FROM THE GALVIN MIDDLE SCHOOL TO LYNNFIELD/PEABODY T.L.	l, 4	CMAQ	\$	7,662,854	\$	6,130,283	\$	1,532,571	
	606223	ACTON- CONCORD- BRUCE FREEMAN RAIL TRAI CONSTRUCTION (PHASE II-B)	L 3	CMAQ	\$	6,230,016	\$	4,984,013	\$	1,246,003	
	607732	FRAMINGHAM- NATICK- COCHITUATE RAIL TRAIL CONSTRUCTION INCLUDING PEDESTRIAN BRIDG N-03-014, OVER ROUTE 9 & BRIDGE OVER ROUTI 30	θE,	CMAQ	\$	5,859,926	\$	4,687,941	\$	1,171,985	
		50	St	tatewide CMAQ <	\$	19,752,796	\$	15,802,237	\$	3,950,559	◀ 80% Federal + 20% Non-Federal
											-
Statewide Transp	ortation Enhanc										
		No Projects Programmed Statewide Transpor	tation Enhance	amente Subtotal	\$	-	\$	-	\$	-	■ 80% Federal + 20% Non-Federal
Statewide ITS		No Projects Programmed			\$		1				
Statewide Intersta	ate Maintenance 608219	Program READING-WAKEFIELD- INTERSTATE MAINTENANCE RESURFACING AND RELATED WORK ON I-95	4	NHPP	\$	4,037,488	\$	3,633,739	\$	403,749	
		Statewide Interstate N	laintenance Pr	rogram Subtotal ►	\$	4,037,488	\$	3,633,739	\$	403,749	◄ 90% Federal + 10% Non-Federal
Statewide NHS Pr	eservation Proc		laintenance Pr	rogram Subtotal ►	\$	4,037,488	\$	3,633,739	\$	403,749	90% Federal + 10% Non-Federal
Statewide NHS Pr	reservation Prog 608069	ram+ MARSHFIELD PEMBROKE NORWELL HANOVER ROCKLAND HINGHAM RESURFACING ON RT 3	1aintenance Pr	ogram Subtotal ►				3,633,739 14,069,376		403,749 3,517,344	◀ 90% Federal + 10% Non-Federal
Statewide NHS Pr	608069 605608	ram+ MARSHFIELD PEMBROKE NORWELL HANOVER ROCKLAND HINGHAM RESURFACING ON RT 3 DEDHAM - RESURFACING AND RELATED WORK ON ROUTE 109	5	NHPP	\$	17,586,720 2,523,312	\$	14,069,376	\$ \$	3,517,344 504,662	
Statewide NHS Pr	608069 605608 608008	ram+ MARSHFIELD PEMBROKE NORWELL HANOVER ROCKLAND HINGHAM RESURFACING ON RT 3 DEDHAM - RESURFACING AND RELATED WORK ON ROUTE 109 SAUGUS-RESURFACING AND RELATED WORK O ROUTE 1	5 6 N 4	NHPP NHPP NHPP	\$ \$ \$	17,586,720 2,523,312 10,597,910	\$ \$ \$	14,069,376 2,018,650 8,478,328	\$ \$ \$	3,517,344 504,662 2,119,582	
Statewide NHS Pr	608069 605608	ram+ MARSHFIELD PEMBROKE NORWELL HANOVER ROCKLAND HINGHAM RESURFACING ON RT 3 DEDHAM - RESURFACING AND RELATED WORK ON ROUTE 109 SAUGUS-RESURFACING AND RELATED WORK O ROUTE 1 CONCORD - RESURFACING AND RELATED WORK ON ROUTE 2	5 6 N 4 ( 4	NHPP NHPP NHPP NHPP	\$ \$ \$	17,586,720 2,523,312 10,597,910 1,784,160	\$ \$ \$	14,069,376 2,018,650 8,478,328 1,427,328	\$ \$ \$	3,517,344 504,662 2,119,582 356,832	NHSPP+Stormwater Total Cost = \$2,739,31
	608069 605608 608008 608220	ram+ MARSHFIELD PEMBROKE NORWELL HANOVER ROCKLAND HINGHAM RESURFACING ON RT 3 DEDHAM - RESURFACING AND RELATED WORK ON ROUTE 109 SAUGUS-RESURFACING AND RELATED WORK O ROUTE 1 CONCORD - RESURFACING AND RELATED WORK ON ROUTE 2	5 6 N 4 ( 4	NHPP NHPP NHPP	\$ \$ \$	17,586,720 2,523,312 10,597,910 1,784,160	\$ \$ \$	14,069,376 2,018,650 8,478,328 1,427,328	\$ \$ \$	3,517,344 504,662 2,119,582 356,832	
	608069 605608 608008 608220	ram+ MARSHFIELD PEMBROKE NORWELL HANOVER ROCKLAND HINGHAM RESURFACING ON RT 3 DEDHAM - RESURFACING AND RELATED WORK ON ROUTE 109 SAUGUS-RESURFACING AND RELATED WORK O ROUTE 1 CONCORD - RESURFACING AND RELATED WORK ON ROUTE 2	5 6 N 4 ( 4	NHPP NHPP NHPP NHPP	\$ \$ \$	17,586,720 2,523,312 10,597,910 1,784,160	\$ \$ \$	14,069,376 2,018,650 8,478,328 1,427,328	\$ \$ \$	3,517,344 504,662 2,119,582 356,832	NHSPP+Stormwater Total Cost = \$2,739,31
- Statewide RR Gra	608069 605608 608008 608220 de Crossings	ram+ MARSHFIELD PEMBROKE NORWELL HANOVER ROCKLAND HINGHAM RESURFACING ON RT 3 DEDHAM - RESURFACING AND RELATED WORK ON ROUTE 109 SAUGUS-RESURFACING AND RELATED WORK O ROUTE 1 CONCORD - RESURFACING AND RELATED WORK ON ROUTE 2 Statewide NHS F	5 6 N 4 C 4 Preservation Pr	NHPP NHPP NHPP NHPP	\$ \$ \$ \$	17,586,720 2,523,312 10,597,910 1,784,160 32,492,102	\$ \$ \$	14,069,376 2,018,650 8,478,328 1,427,328 25,993,682	\$ \$ \$	3,517,344 504,662 2,119,582 356,832	NHSPP+Stormwater Total Cost = \$2,739,31
<ul> <li>Statewide NHS Pr</li> <li>Statewide RR Gra</li> <li>Statewide Stormw</li> </ul>	608069 605608 608008 608220 de Crossings	ram+ MARSHFIELD PEMBROKE NORWELL HANOVER ROCKLAND HINGHAM RESURFACING ON RT 3 DEDHAM - RESURFACING AND RELATED WORK ON ROUTE 109 SAUGUS-RESURFACING AND RELATED WORK O ROUTE 1 CONCORD - RESURFACING AND RELATED WORI ON ROUTE 2 Statewide NHS F No Projects Programmed Statewide	5 6 N 4 C 4 Preservation Pr RR Grade Cro	NHPP NHPP NHPP ogram Subtotal ►	\$ \$ \$ \$ \$	17,586,720 2,523,312 10,597,910 1,784,160 32,492,102 - -	\$ \$ \$ \$	14,069,376 2,018,650 8,478,328 1,427,328 25,993,682	\$ \$ \$ \$ \$	3,517,344 504,662 2,119,582 356,832 6,498,420 - -	NHSPP+Stormwater Total Cost = \$2,739,31
- Statewide RR Gra	608069 605608 608008 608220 de Crossings	ram+ MARSHFIELD PEMBROKE NORWELL HANOVER ROCKLAND HINGHAM RESURFACING ON RT 3 DEDHAM - RESURFACING AND RELATED WORK ON ROUTE 109 SAUGUS-RESURFACING AND RELATED WORK O ROUTE 1 CONCORD - RESURFACING AND RELATED WORK ON ROUTE 2 Statewide NHS F	5 6 N 4 C 4 Preservation Pr	NHPP NHPP NHPP NHPP rogram Subtotal ►	\$ \$ \$ \$	17,586,720 2,523,312 10,597,910 1,784,160 32,492,102	\$ \$ \$ \$	14,069,376 2,018,650 8,478,328 1,427,328 25,993,682	\$ \$ \$ \$ \$	3,517,344 504,662 2,119,582 356,832 6,498,420	NHSPP+Stormwater Total Cost = \$2,739,31

2018 Bost	on Region MP	O Transportation Improvement Program				07/30/2015		d d Draft Amendme	ant Five
Amendment/ Adjustment Type ▼	MassDOT Project ID ▼	MassDOT Project Description V	MassDOT District ▼		Total Programmed Funds ▼	Federal Fur	ds No		Additional Information ▼
Statewide ADA Ir	nnlementation Pl	an							
	ipiementation i a	No Projects Programmed			\$-	1	-	-	
			Implementatio	n Plan Subtotal 🕨		\$	- \$	-	■ 80% Federal + 20% Non-Federal
Other Statewide	Itoms								
Other Otatewide		ABP GANS Repayment			\$ -	1	-	-	
		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			\$-		-	-	
			ther Statewide	Items Subtotal ►	\$ -	\$	- \$	-	Funding Split Varies by Funding Source
► Section 2A / Non	-Federal Projects		ther Statewide	Items Subtotal ►	\$	\$	- \$	-	Funding Split Varies by Funding Source
	-Federal Projects		ther Statewide						
► Section 2A / Non ► Non Federal Aid	-Federal Projects		N/A	NFA	\$ 9,000,000	\$	\$	9,000,000	Lists cash flows (based on state fiscal yea
			N/A		\$ 9,000,000	<b>\$</b>		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 yea
► Non Federal Aid ► Section 2B / Non	1568 -Federal Bridge P	FAIRMOUNT IMPROVEMENTS Projects	N/A	NFA	\$ 9,000,000		\$	9,000,000	Lists cash flows (based on state fiscal yea
	1568 -Federal Bridge P	FAIRMOUNT IMPROVEMENTS Projects Projects	N/A	NFA ral Aid Subtotal►	\$ 9,000,000 \$ 9,000,000	\$ 	\$	9,000,000	Lists cash flows (based on state fiscal yea
<ul> <li>Non Federal Aid</li> <li>Section 2B / Non</li> </ul>	1568 -Federal Bridge P	FAIRMOUNT IMPROVEMENTS Projects	N/A Non-Fede	NFA ral Aid Subtotal►	\$ 9,000,000 \$ 9,000,000 \$ -	<b>\$</b>	\$	9,000,000	Lists cash flows (based on state fiscal yea
<ul> <li>Non Federal Aid</li> <li>Section 2B / Non</li> <li>Section 2B / Non</li> </ul>	1568 -Federal Bridge P -Federal Bridge P	FAIRMOUNT IMPROVEMENTS Projects Projects No Projects Programmed Section 2B / Non-Fe	N/A Non-Fede	NFA ral Aid Subtotal►	\$ 9,000,000 \$ 9,000,000 \$ -		\$	9,000,000 9,000,000	Lists cash flows (based on state fiscal yea
<ul> <li>Non Federal Aid</li> <li>Section 2B / Non</li> <li>Section 2B / Non</li> </ul>	1568 -Federal Bridge P -Federal Bridge P	FAIRMOUNT IMPROVEMENTS Projects No Projects Programmed	N/A Non-Fede	NFA ral Aid Subtotal►	\$ 9,000,000 \$ 9,000,000 \$ - \$ -		\$ \$ \$ 2: Tot	9,000,000 9,000,000 - -	Lists cash flows (based on state fiscal yea
<ul> <li>Non Federal Aid</li> <li>Section 2B / Non</li> <li>Section 2B / Non</li> </ul>	1568 -Federal Bridge P -Federal Bridge P	FAIRMOUNT IMPROVEMENTS Projects Projects No Projects Programmed Section 2B / Non-Fe	N/A Non-Fede	NFA ral Aid Subtotal ► NFA rojects Subtotal ►	\$ 9,000,000 \$ 9,000,000 \$ - \$ - TIP Section 1: ▼ \$ 252,140,075	TIP Section ▼ \$ 9,000,0	\$ \$ \$ 2: Tot Pro	9,000,000 9,000,000 - - - tal of All ojects ▼ 261,140,075	Lists cash flows (based on state fiscal yea 100% Non-Federal 100% Non-Federal
<ul> <li>Non Federal Aid</li> <li>Section 2B / Non</li> <li>Section 2B / Non</li> </ul>	1568 -Federal Bridge P -Federal Bridge P	FAIRMOUNT IMPROVEMENTS Projects Projects No Projects Programmed Section 2B / Non-Fe	N/A Non-Fede	NFA ral Aid Subtotal ► NFA rojects Subtotal ►	\$ 9,000,000 \$ 9,000,000 \$ - \$ - TIP Section 1: ▼ \$ 252,140,075 \$ 202,613,928	TIP Section ¥ 9,000,0	\$ \$ \$ 2: Tot Pro	9,000,000 9,000,000 - - - tal of All ojects ▼ 261,140,075 202,613,928	Lists cash flows (based on state fiscal yea

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/Haggers/main.aspx

2019 Boston	n Region MPC	Transportation Improvement Program				07/30/2015 Endo 06/16/2016 Prope	rsed osed Draft Amendme	nt Five
					Total			
Amendment/	MassDOT	MassDOT	MassDOT	Funding	Programmed	Federal Funds	Non-Federal	Additional
Adjustment Type V	Project ID 🔻	Project Description ▼	District ▼	Source ▼	Funds ▼	▼	Funds ▼	Information <b>V</b>

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

18	570	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)
60	05034	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
60	06043	HOPKINTON- SIGNAL & INTERSECTION IMPROVEMENTS ON ROUTE 135	3	СМАQ	\$ 1,000,000	\$ 800,000	\$ 200,000	CMAQ+HSIP+STP Total Cost = \$8,138,816
60	06453	BOSTON- IMPROVEMENTS ON BOYLSTON STREET, FROM INTERSECTION OF BROOKLINE AVENUE & PARK DRIVE TO IPSWICH STREET	6	CMAQ	\$ 1,824,765	\$ 1,459,812	\$ 364,953	STP+CMAQ+TAP Total Cost = \$7,373,484
6(	07428	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	СМАQ	\$ 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

2019 Bosto	n Region MP	O Transportation Improvement Program					/30/2015 Endo /16/2016 Prop	orsed osed Draft Amendme	ent Five
Amendment/ Adjustment Type ▼	MassDOT Project ID ▼	MassDOT Project Description ▼	MassDOT District ▼	•	al ogrammed nds ▼	Fee ▼	deral Funds	Non-Federal Funds ▼	Additional Information ▼
► TAP - Transportati	on 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/T	AP (Other)								
	1570	GREEN LINE EXTENSION PROJECT- EXTENSION TO COLLEGE AVENUE WITH THE UNION SQUARE SPUR	N/A	STP	\$ 26,572,780	\$	21,258,224	\$ 5,314,556	funding flexed to FTA; match provided by local contributions; additional funding programmed fo 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

 Non-CMAQ/HSIP/TAP (Other) Subtotal ►
 \$
 64,949,489
 \$
 51,959,591
 \$
 12,989,898
 ◀ 80% Federal + 20% Non-Federal

### Section 1A / Fiscal Constraint Analysis

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

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

2019 Bost	on Region MP	O Transportation Improvement Program						/30/2015 Endo /16/2016 Prop		Draft Amendme	ent Five
Amendment/ Adjustment Type ▼ ▶ Section 1B / Fede	MassDOT Project ID ▼	MassDOT Project Description ▼	MassDOT District ▼	Funding Source ▼		tal ogrammed nds ▼	Fe ▼	deral Funds		-Federal ds ▼	Additional Information ▼
Section IB/ Fede	rai Alu Briuge Fr	Ojecis									
Statewide Bridge	Maintenance Pro	ogram									
	608234	BOSTON- RANDOLPH- BRIDGE PRESERVATION OF 3 BRIDGES: B-16-165, R-01-005 & R-01-007	6	NHPP	\$	2,889,600	\$	2,311,680	\$	577,920	
		Statewide Bridge 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	6	NHPP	\$	34,504,000	\$	27,603,200	\$	6,900,800	AC Yr 3 of 4; Total Cost = \$112,700,00
	604952	CHARLES RIVER 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
o# o /											
Off-System					1		1				
	608079	SHARON- BRIDGE REPLACEMENT, S-09-003 (40N), MASKWONICUT STREET OVER AMTRAK/MBTA	5	STP-BR-OFF	\$	4,755,240	\$	3,804,192	\$	951,048	
	608255	STOW, BRIDGE REPLACEMENT, S-29-11, BOX MILL ROAD OVER ELIZABETH BROOK	3	STP-BR-OFF	\$	3,612,224	\$	2,889,779		722,445	
			Off-S	System Subtotal ►	\$	8,367,464	\$	6,693,971	\$	1,673,493	■ 80% Federal + 20% Non-Federal
Statewide Bridge II	spection Program										
<b>.</b>		No Projects Programmed			\$	-	\$	-	\$	-	
		Statewide Bridge Ir	nspection Pr	ogram Subtotal 🕨	\$	-	\$	-	\$	-	80% Federal + 20% Non-Federal
Section 1C / Fede	ral Aid Non-Targ	et Projects									
• Other Federal Aid											
		No Projects Programmed			\$	-	\$	-	\$	-	
			Other Fede	ral Aid Subtotal ►	\$	-	\$	-	\$	-	◄ Funding Split Varies by Funding Source
Section 1D / Fede	ral Aid Major & S	State Category Projects									
Statewide Infrast	ructure Program										

► Statewide IIII astru	clure Program							
		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
		Statewide Infras	structure Pr	ogram Subtotal 🕨	\$ 3,700,000	\$ 2,960,000	\$ 740,000	<ul> <li>80% Federal + 20% Non-Federal</li> </ul>

2019 Bost	on Region MP	O Transportation Improvement Program						30/2015 Endo 16/2016 Prop		aft Amendme	ent Five
mendment/ djustment Type ▼	MassDOT Project ID ▼	MassDOT Project Description ▼	MassDOT District ▼			al ogrammed nds ▼	Fec ▼	deral Funds	Non-Fe Funds		Additional Information ▼
Statewide HSIP I	Program										
	608205	READING TO LYNNFIELD - GUIDE AND TRAFFIC SIGN REPLACEMENT ON A SECTION OF INTERSTATE 95 (STATE ROUTE 128)	4	HSIP	\$	3,500,000	\$	3,150,000	\$	350,000	
	608206	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	BOSTON- INTERSECTION & SIGNAL IMPROVEMENTS AT THE VFW PARKWAY & SPRING STREET	6	HSIP	\$	550,000	\$	495,000	\$	55,000	
	608052	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 Safe F	outes to Schools	s Program									
		No Projects Programmed			\$	-	\$	-	\$	-	Funding Split Varies by Funding Source
Statewide CMAC	1	Statewide Safe Routes to	Schools Pr	ogram Subtotal 🕨	\$	-	\$		\$	-	Funding Split Varies by Funding Source
	607888	BOSTON- BROOKLINE- MULTI-USE PATH CONSTRUCTION ON NEW FENWAY	6	CMAQ	\$	1,915,213		1,532,170		383,043	
Statewide Transp	ortation Enhance	ements	51	atewide CMAQ ►	\$	1,915,213	\$	1,532,170	\$	383,043	◀ 80% Federal + 20% Non-Federal
		No Projects Programmed			\$	-		-		-	
Statewide ITS		Statewide Transportat	ion Enhance	ements Subtotal ►	\$	-	\$	-	\$	-	◀ 80% Federal + 20% Non-Federal
Statewide ITS		No Projects Programmed			\$	-	1	-		-	
			Statewi	de ITS Subtotal 🕨	\$	-	\$	-	\$	-	80% Federal + 20% Non-Federal
Statewide Interst	ata Maintananaa	Drogram									
Statewide interst	608208	QUINCY - MILTON - BOSTON - INTERSTATE MAINTENANCE AND RELATED WORK ON I-93	6	NHPP	\$	21,491,482	\$	19,342,334	\$	2,149,148	IM+Stormwater Total Cost = \$22,051,482
	608210	FOXBOROUGH-PLAINVILLE-WRENTHAM-FRANKLIN- INTERSTAE MAINTENANCE AND RELATED WORK ON I-495	- 5	NHPP	\$	24,468,480	\$	22,021,632	\$	2,446,848	
		Statewide Interstate Mai	ntenance Pr	ogram Subtotal ►	\$	45,959,962	\$	41,363,966	\$	4,595,996	◀ 90% Federal + 10% Non-Federal
	reservation Prog		1.	NHPP	¢	5,400,000	\$	4,320,000	¢	4 000 000	NHSPP+Stormwater Total Cost = \$6,600,00
Statewide NHS P											
Statewide NHS P	608379	LEXINGTON- BELMONT- ARLINGTON- CAMBRIDGE- PAVEMENT PRESERVATION ON ROUTE 2	4		\$	5,400,000	Ψ	4,320,000	φ	1,080,000	

	on Region MP	O Transportation Improvement Program						0/2015 Endo 6/2016 Prop	osed Draft Amend	nent Five
mendment/ djustment Type ▼	MassDOT Project ID ▼	MassDOT Project Description ▼	MassDOT District ▼			al ogrammed nds ▼		· · ·	Non-Federal Funds ▼	Additional Information ▼
Statewide RR Gra	de Crossinas									
		No Projects Programmed			\$	-		-		-
		Statewide RF	R Grade Cro	ssings Subtotal 🕨	\$	-	\$	-	\$	<ul> <li>4 80% Federal + 20% Non-Federal</li> </ul>
Statewide Stormw	vator Rotrofits									
Statewide Storing	608208	QUINCY - MILTON - BOSTON - INTERSTATE MAINTENANCE AND RELATED WORK ON I-93	6	STP-TE	\$	560,000	\$	448,000	\$ 112,0	00 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	\$ 240,0	00 NHSPP+Stormwater Total Cost = \$6,600,00
	608214	WINCHESTER - UPPER MYSTIC RIVER ROUTE 3	4	STP-TE	\$	224,000	\$	179,200	\$ 44,8	00
		Statewide St	ormwater Re	etrofits Subtotal ►	\$	1,984,000	\$	1,587,200	\$ 396,8	00 ◀ 80% Federal + 20% Non-Federal
Statewide ADA Im	plementation Pla		1	1	•		1		1	
► Statewide ADA Im	plementation Pla	No Projects Programmed		n Plan Subtotal ►	\$	-	\$	-	\$	-
			plementatio	n Plan Subtotal ►			\$		\$	◀ 80% Federal + 20% Non-Federal
		No Projects Programmed	plementatio	n Plan Subtotal ►			\$		\$	◀ 80% Federal + 20% Non-Federal
		No Projects Programmed Statewide ADA In	plementatio	n Plan Subtotal ►	\$	-	\$	-	\$	
		No Projects Programmed         Statewide ADA Im           ABP GANS Repayment         Award Adjustments, Change Orders, Project Value	plementatio	n Plan Subtotal ►	\$	-	\$	-	\$	
		No Projects Programmed           Statewide ADA Im           ABP GANS Repayment           Award Adjustments, Change Orders, Project Value Changes, Etc.           DBEs, FAPO, Pavement Lab Retrofits, and Misc.	plementatio	n Plan Subtotal ►	\$ \$ \$	-	\$	-	\$	
		No Projects Programmed           Statewide ADA Im           ABP GANS Repayment           Award Adjustments, Change Orders, Project Value           Changes, Etc.           DBEs, FAPO, Pavement Lab Retrofits, and Misc.           Programs	plementatio	n Plan Subtotal ►	\$ \$ \$ \$	-	\$	-	\$	- - -
		No Projects Programmed         Statewide ADA Im         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			\$ \$ \$ \$ \$ \$ \$					
• Other Statewide It	tems	No Projects Programmed           Statewide ADA Im           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		n Plan Subtotal ►	\$ \$ \$ \$ \$ \$ \$	-	\$	-	\$	- - -
- Other Statewide It - Section 2A / Non-I	tems	No Projects Programmed           Statewide ADA Im           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			\$ \$ \$ \$ \$ \$ \$					
Statewide ADA Im Other Statewide It Section 2A / Non-I Non Federal Aid	tems	No Projects Programmed           Statewide ADA Im           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			\$ \$ \$ \$ \$ \$ \$					

# Section 2B / Non-Federal Bridge Projects

No Projects Programmed		NFA	\$-	\$-	
Section 2B / Non-Fede	eral Bridge P	rojects Subtotal►	\$ -	\$-	◀100% Non-Federal

2019 Bosto	on Region MP	O Transportation Improvement Prog	ram			07/30/2015 Endo 06/16/2016 Prop	rsed osed Draft Amendme	nt Five
Amendment/ Adjustment Type ▼	MassDOT Project ID ▼	MassDOT Project Description ▼	MassDOT District ▼	•	Total Programmed Funds ▼	Federal Funds ▼	Non-Federal Funds ▼	Additional Information ▼
2019 Bost	on Region MP	O TIP Summary			TIP Section 1: ▼	TIP Section 2: ▼	Total of All Projects ▼	
				Federal Funds	\$ 218,440,873 \$ 180,906,999 \$ 37,533,875		\$ 180,906,999	<ul> <li>Total Spending in Region</li> <li>Total Federal Spending in Region</li> <li>Total Non-Federal Spending in Region</li> </ul>

701 CMR 7.00 Use of Road Flaggers and Police Details on Public Works Project / 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

2020 Boston	n Region MPO	Transportation Improvement Program				07/30/2015 Endo 06/16/2016 Prop	rsed osed Draft Amendmei	nt Five
					Total			
Amendment/	MassDOT	MassDOT	MassDOT	Funding	Programmed	Federal Funds	Non-Federal	Additional
Adjustment Type V	Project ID 🔻	Project Description ▼	District ▼	Source ▼	Funds ▼	▼	Funds ▼	Information <b>V</b>

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	\$	- 6	\$ -	\$-	
	HSIP Subtotal ► \$	- 6	\$ -	\$-	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	CMAQ	\$ 2,000,000	\$ 1,600,000	\$ 400,000	STP+CMAQ+TAP Total Cost = \$15,532,405
CMAQ Subt ►	otal			\$ 17,427,220	\$ 13,941,776	\$ 3,485,444	80% Federal + 20% Non-Federal

### ► TAP - Transportation Alternatives Program

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

2020 Bost	on Region MP	O Transportation Improvement Program					2015 Endo 2016 Propo	osed Draft Amendme	nt Five
Amendment/ Adjustment Type ▼	MassDOT Project ID ▼	MassDOT Project Description ▼	MassDOT District ▼	Funding Source ▼	Total Programmed Funds ▼	Federa ▼		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 loca contributions; additional funding programmed fr GLX in FFY 2020 (other funds under Transit - Section 5309)
	604996	WOBURN- BRIDGE REPLACEMENT, W-43-017, NEW BOSTON STREET OVER MBTA	4	STP	\$ 11,355,289	\$9,	,084,231	\$ 2,271,058	
	606226	BOSTON- RECONSTRUCTION OF RUTHERFORD AVENUE, FROM CITY SQUARE TO SULLIVAN SQUARE	6	STP	\$ 7,000,000	\$5,	,600,000	\$ 1,400,000	
	604123	ASHLAND- RECONSTRUCTION ON ROUTE 126 (POND STREET), FROM THE FRAMINGHAM T.L. TO THE HOLLISTON T.L.	3	STP	\$ 10,983,686	\$8,	,786,949	\$ 2,196,737	STP+CMAQ+TAP Total Cost = \$15,532,405
	602261	WALPOLE- RECONSTRUCTION ON ROUTE 1A (MAIN STREET) FROM THE NORWOOD T.L. TO ROUTE 27, INCLUDES W-03-024 OVER THE NEPONSET RIVER	5	STP	\$ 16,584,373	\$ 13,	,267,498	\$ 3,316,875	STP+CMAQ Total Cost = \$18,584,373

Section 1A / Fiscal Constraint Analysis Total Federal Aid Target Funds Programmed ► \$ 92,472,067 \$ 92,626,333 
 Total Target 154,266 Target Funds Available \$ (142,444) Non-CMAQ/HSIP/TAP (Other) Total Non-CMAQ/HSIP/TAP (Other) Programmed ► \$ 72,496,128 \$ 72,353,684 < Max. Non-\$ CMAQ/HSIP/TAP Exceeds Maximum HSIP Minimum Not Met Total HSIP Programmed ► \$ \$ 4,296,710 Min. HSIP 4,296,710 -\$ Total CMAQ Programmed ► \$ 17,427,220 \$ 13,427,220 < Min. CMAQ \$ (4,000,000) CMAQ Minimum Met Total TAP Programmed ► \$ 2,548,719 \$ 2,548,719 Min. TAP TAP Minimum Met \$ -Remaining HSIP, CMAQ, and TAP Funds \$ 296,710 Section 1B / Federal Aid Bridge Projects

## ► Statewide Bridge Maintenance Program

	No Projects Programmed	\$	-	\$ -	\$ -	
		de Bridge Maintenance Program Subtotal ► \$	-	\$ -	\$ - 4	80% Federal + 20% Non-Federal
On System						
	No Projects Programmed					
		On System Subtotal ► \$	-	\$ -	\$ - ◀	80% Federal + 20% Non-Federal
Off-System						
► Off-System	No Projects Programmed					
Off-System	No Projects Programmed	Off-System Subtotal ► \$	-	\$ -	\$ - 4	80% Federal + 20% Non-Federal
► Off-System	No Projects Programmed	Off-System Subtotal ► \$	-	\$ -	\$ - 4	80% Federal + 20% Non-Federal
<ul> <li>Off-System</li> <li>Statewide Bridge Inspection</li> </ul>		Off-System Subtotal ► \$	-	\$ -	\$ - 4	80% Federal + 20% Non-Federal
		Off-System Subtotal ► \$	-	\$ -	\$ - 4	80% Federal + 20% Non-Federal

2020 Bost	on Region MP	O Transportation Impro	vement Program				07/30/2015 End 06/16/2016 Prop	orsed oosed Draft Amendm	ent Five
mendment/ djustment Type ▼	MassDOT Project ID ▼	MassDOT Project Description ▼		MassDOT District ▼	Funding Source ▼	Total Programmed Funds ▼	Federal Funds ▼	Non-Federal Funds ▼	Additional Information ▼
Section 1C / Fede	ral Aid Non-Targ	et Projects			_	_	_	_	
Other Federal Aid		No Decidado Decembrand		1	1	¢	¢	¢	
		No Projects Programmed				\$-	\$ -	\$-	
				Other Fede	ral Aid Subtotal ►	- \$ -	\$-	\$ -	◄ Funding Split Varies by Funding Source
Section 1D / Fede	ral Aid Maior & S	tate Category Projects							
Statewide Infrast	ructure Program	No Projects Programmed		1	1	1			
		no riojecto riogrammeu	Statewide Infra	structure Pr	ogram Subtotal ►	· \$ -	\$ -	\$ -	■ 80% Federal + 20% Non-Federal
						·	1	1	
Statewide HSIP F	rogram			1	1	1			
		No Projects Programmed							
			Statew	iae HSIP Pr	ogram Subtotal ►	\$-	\$-	\$-	◀ 90% Federal + 10% Non-Federal
Statewide Safe R	outes to Schools	Program							
Statemide Sale N		No Projects Programmed				\$ -	\$ -	\$ -	Funding Split Varies by Funding Source
			Statewide Safe Routes to	Schools Pr	ogram Subtotal ►		\$ -		<ul> <li>Funding Split Varies by Funding Source</li> </ul>
					•				
Statewide CMAQ									
		No Projects Programmed					•		
				St	tatewide CMAQ <	\$-	\$ -	\$-	◀ 80% Federal + 20% Non-Federal
► Statewide Transp	ortation Enhance	ments							
P Otatewide Transp		No Projects Programmed				\$ -	-	-	
			Statewide Transportat	on Enhance	ements Subtotal >		\$ -	\$ -	80% Federal + 20% Non-Federal
Statewide ITS				1	1	1			
		No Projects Programmed				\$ -	-	-	
				Statewi	de ITS Subtotal ►	\$-	\$ -	\$-	◀ 80% Federal + 20% Non-Federal
Statewide Intersta	ate Maintenance I	Program							
- cutomide inteloti		No Projects Programmed							
		.,	Statewide Interstate Mai	ntenance Pr	ogram Subtotal ►	· \$ -	\$ -	\$ -	◀ 90% Federal + 10% Non-Federal
							· ·	*	_
Statewide NHS Pr	reservation Progr			1	1				
		No Projects Programmed	Statewide NUS Dee	equation Dr	ogram Subtotal ►	· \$ -	\$ -	\$ -	■ 80% Federal + 20% Non-Federal
			Statewide NHS Pre	servation Pr	ogram Subioial P	φ -	φ -	Ψ -	
Statewide RR Gra	de Crossinas								
		No Projects Programmed				\$ -	-	-	
			Statewide RF	R Grade Cro	ssings Subtotal Þ	•\$-	\$-	\$-	80% Federal + 20% Non-Federal
Statewide Stormv	ater Retrofits	· · · · · · · · · · · · · · · · · · ·			1	1		1	
		No Projects Programmed				-	+		80% Federal + 20% Non-Federal
					etrofits Subtotal 🕨	- \$ -	\$ -	\$ -	

2020 Bost	on Region MP	O Transportation Improvement Program				07/30/2015 End 06/16/2016 Prop	osed Draft Amendn	nent Five
amendment/ adjustment Type ▼	MassDOT Project ID ▼	MassDOT Project Description ▼	MassDOT District ▼		Total Programmed Funds ▼	Federal Funds ▼		Additional Information ▼
Statewide ADA In	nlementation Pla	an	L.					
	plementation r la	No Projects Programmed			\$-	-		-
			Implementatio	n Plan Subtotal 🕨		\$-	\$-	◀ 80% Federal + 20% Non-Federal
Other Statewide	tems			1	¢		1	
		ABP GANS Repayment Award Adjustments, Change Orders, Project Value			\$ - \$ -	-		-
		Changes, Etc.			ъ -	-		-
		DBEs, FAPO, Pavement Lab Retrofits, and Misc.			\$-	-		-
		Programs						
		Planning			\$-	-		-
		Statewide Design and Right of Way			\$-	-		-
		claterinae Debigin and Hight of Way						
		Statewide Recreational Trails	ther Statewide	e Items Subtotal ►	\$ - \$ -	- \$ -	\$ -	◀ Funding Split Varies by Funding Source
► Section 2A / Non-	Federal Projects	Statewide Recreational Trails O	ther Statewide	Items Subtotal ►			\$ -	◀ Funding Split Varies by Funding Source
	Federal Projects	Statewide Recreational Trails O	ther Statewide	Items Subtotal ►			\$ -	- ■ Funding Split Varies by Funding Source
	Federal Projects	Statewide Recreational Trails	_	_	\$ -			
	Federal Projects	Statewide Recreational Trails O		NFA	\$ - \$ -		\$ -	
	Federal Projects	Statewide Recreational Trails		_	\$ - \$ -			
Non Federal Aid		Statewide Recreational Trails O		NFA	\$ - \$ -		\$ -	
<ul> <li>Non Federal Aid</li> <li>Section 2B / Non-</li> </ul>	Federal Bridge P	Statewide Recreational Trails O No Projects Programmed		NFA	\$ - \$ -		\$ -	
<ul> <li>Non Federal Aid</li> <li>Section 2B / Non-</li> </ul>	Federal Bridge P	Statewide Recreational Trails O No Projects Programmed rojects rojects		NFA ral Aid Subtotal►	\$ - \$ - \$ -		\$ \$	
<ul> <li>Non Federal Aid</li> <li>Section 2B / Non-</li> </ul>	Federal Bridge P	Statewide Recreational Trails O No Projects Programmed rojects No Projects Programmed	Non-Fede	NFA eral Aid Subtotal►	\$ - \$ - \$ -		<u>\$</u>	◀100% Non-Federal
► Non Federal Aid ► Section 2B / Non-	Federal Bridge P	Statewide Recreational Trails O No Projects Programmed rojects rojects	Non-Fede	NFA eral Aid Subtotal►	\$ - \$ - \$ -		\$	▲100% Non-Federal
<ul> <li>Non Federal Aid</li> <li>Section 2B / Non-</li> <li>Section 2B / Non-</li> </ul>	Federal Bridge P Federal Bridge P	Statewide Recreational Trails O No Projects Programmed rojects rojects No Projects Programmed Section 2B / Non-Fe	Non-Fede	NFA eral Aid Subtotal►	\$ - \$ - \$ -		<u>\$</u>	◀100% Non-Federal
<ul> <li>Non Federal Aid</li> <li>Section 2B / Non-</li> <li>Section 2B / Non-</li> </ul>	Federal Bridge P Federal Bridge P	Statewide Recreational Trails O No Projects Programmed rojects rojects No Projects Programmed Section 2B / Non-Fe	Non-Fede	NFA eral Aid Subtotal►	\$ - \$ - \$ - \$ -	\$ -	\$ - \$ - \$ -	◀100% Non-Federal
<ul> <li>Non Federal Aid</li> <li>Section 2B / Non-</li> <li>Section 2B / Non-</li> </ul>	Federal Bridge P Federal Bridge P	Statewide Recreational Trails O No Projects Programmed rojects No Projects Programmed	Non-Fede	NFA ral Aid Subtotal► NFA rojects Subtotal►	\$ - \$ - \$ - \$ - TIP Section 1: ▼	\$ -	\$ \$ \$ Total of All Projects ▼	▲ 100% Non-Federal
<ul> <li>Non Federal Aid</li> <li>Section 2B / Non-</li> <li>Section 2B / Non-</li> </ul>	Federal Bridge P Federal Bridge P	Statewide Recreational Trails O No Projects Programmed rojects rojects No Projects Programmed Section 2B / Non-Fe	Non-Fede	NFA eral Aid Subtotal► NFA rojects Subtotal►	\$ - \$ - \$ - \$ - <b>TIP Section 1:</b> ▼ \$ 92,472,067	\$ -	\$	<ul> <li>■ 100% Non-Federal</li> <li>■ 100% Non-Federal</li> <li>■ 100% Non-Federal</li> <li>7 ■ Total Spending in Region</li> </ul>
<ul> <li>Section 2A / Non:</li> <li>Non Federal Aid</li> <li>Section 2B / Non:</li> <li>Section 2B / Non:</li> <li>Section 2B / Bost</li> </ul>	Federal Bridge P Federal Bridge P	Statewide Recreational Trails O No Projects Programmed rojects rojects No Projects Programmed Section 2B / Non-Fe	Non-Fede	NFA ral Aid Subtotal► NFA rojects Subtotal►	\$ - \$ - \$ - \$ - <b>TIP Section 1:</b> ▼ \$ 92,472,067 \$ 73,977,654	\$ -	\$	▲ 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 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 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