2016 Bosto	n Region MPC	Transportation Improvement Program				07/30/2015 Endo 12/17/2015 Draft	rsed Amendment Two	
					Total			
Amendment/	MassDOT	MassDOT	MassDOT	Funding	Programmed	Federal Funds	Non-Federal	Additional
Adjustment Type V	Project ID 🔻	Project Description ▼	District ▼	Source V	Funds ▼	•	Funds ▼	Information <b>V</b>

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

Filon - nighway oa	iet, impreten								
	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
		HIGHLAND PLACE TO ROUTE 139 (4.0 MILES)							
		INCLUDES REPLACING W-32-013, ROUTE 18 OVER							(MA1236) Total Cost = \$60,053,518
		THE OLD COLONY RAILROAD (MBTA)			1				
				HSIP Subtotal ►	\$	3,600,000	\$ 3,240,000	\$ 360,000	90% Federal + 10% Non-Federal

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

		a guanty improvement regram						
6057		WEYMOUTH- INTERSECTION IMPROVEMENTS @ MIDDLE STREET, LIBBEY INDUSTRIAL PARKWAY AND TARA DRIVE	6	CMAQ	\$ 937,326	\$ 749,861	\$ 187,465	
6061		BOSTON - TRAFFIC SIGNAL IMPROVEMENTS AT 10 LOCATIONS	6	CMAQ	\$ 1,000,000	\$ 800,000	\$ 200,000	CMAQ+STP Total Cost = \$4,654,920
1569	-	GREEN LINE EXTENSION PROJECT (PHASE 2), COLLEGE AVENUE TO MYSTIC VALLEY PARKWAY/ROUTE 16	N/A	CMAQ	\$ 8,100,000	\$ 6,480,000	\$ 1,620,000	Yr 1 of 6; CMAQ+STP Total Cost = \$190,100,000 (\$158,000,000 programmed within FFYs 2016-20 TIP)
6046		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 Subtotal ►	\$ 15,466,436	\$ 12,373,149	\$ 3,093,287	80% Federal + 20% Non-Federal

#### ► TAP - Transportation Alternatives Program

				1				
	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

2016 Bost	on Region MP	O Transportation Improvement Program					/30/2015 Endo /17/2015 Drafi		dment Two	
Amendment/ Adjustment Type ▼	MassDOT Project ID ▼	MassDOT Project Description ▼	MassDOT District ▼	Funding Source ▼	tal ogrammed nds ▼	Fe ▼	deral Funds	Non-I Fund	Federal s ▼	Additional Information ▼
► Non-CMAQ/HSIP/	TAP (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	\$ 21,691,442	\$	17,353,154	\$	4,338,288	AC Yr 1 of 2; STP+Northern Middlesex Council of Governments contribution (\$1,000,000) Tota Cost = \$29,296,348
	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) Total Cost = \$60,053,518
	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)
		Non-CMAQ/	'HSIP/TAP (	Other) Subtotal ►	\$ 53,343,385	\$	42,674,708	\$	10,668,677	■ 80% Federal + 20% Non-Federal

Section 1A / Fiscal Constraint Analysis						
	Total Federal Aid Target Funds Programmed ►	\$ 75,009,821	\$ 75,009,821	Total Target	\$ (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

	No Projects Programmed			\$ -	\$ -	\$ -	
	Statewide Bridge Mair	itenance Pro	ogram Subtotal 🕨	\$ -	\$ -	\$ -	80% Federal + 20% Non-Federal

2016 Bosto	n Region MP	O Transportation Improvement Program						30/2015 Endo 17/2015 Draft		idment Two	
Amendment/ Adjustment Type ▼	MassDOT Project ID ▼	MassDOT Project Description ▼	MassDOT District ▼	Funding Source ▼		al ogrammed nds ▼		deral Funds		Federal	Additional Information ▼
► On System											
	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	\$	11,908,000	\$	9,526,400	\$	2,381,600	
	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	\$	9,074,000	\$	7,259,200	\$	1,814,800	AC Yr 1 of 2; Total Cost = \$16,183,795
AMENDMENT:Remove Project	600703	LEXINGTON- BRIDGE REPLACEMENT, L-10-009, ROUTE 2 (EB & WB) OVER ROUTE I-95 (ROUTE 128)	4	NHPP	\$	-	\$	-	\$	-	removed from TIP; AC funding converted in FF 2015; was \$5,108,000
► Off-System							_		1		1
	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 In:	spection Program						1				
		No Projects Programmed			\$	-	\$	-	\$	-	
		Statewide Bridge Ir	spection Pr	rogram Subtotal ►	\$	-	\$	-	\$	-	■ 80% Federal + 20% Non-Federal
Section 1C / Feder	al Aid Non-Targ	et Projects									
► Other Federal Aid											
	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) Total Cost = \$60,053,518
			Other Fede	ral Aid Subtotal 🕨	¢	8 600 000	¢	6 880 000	¢	1 720 000	Eunding Split Varies by Eunding Source

Other Federal Aid Subtotal ► \$ 8,600,000 \$ 6,880,000 \$ 1,720,000 < Funding Split Varies by Funding Source

2016 Bosto	n Region MPC	Transportation Improvement Program				07/30/2015 Endo 12/17/2015 Draft	rsed Amendment Two	
					Total			
Amendment/	MassDOT	MassDOT	MassDOT	Funding	Programmed	Federal Funds	Non-Federal	Additional
Adjustment Type V	Project ID V	Project Description ▼	District ▼	Source V	Funds ▼	▼	Funds ▼	Information ▼

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

#### Statewide Infrastructure Program

603917	MEDFORD- STONEHAM- WOBURN- READING- HIGHWAY LIGHTING REHABILITATION ON I-93 (PHASE II)	4	STP	\$	15,000,000	\$	12,000,000	\$	3,000,000	AC Year 1 of 2; Total Cost = \$17,500,000
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
	Statowido Infra	structure Dr	aram Subtotal	9	17 500 000	¢	14 000 000	¢	2 500 000	90% Endoral + 20% Non Endoral

Statewide Infrastructure Program Subtotal ► \$ 17,500,000 \$ 14,000,000 \$ 3,500,000 \$ 480% Federal + 20% Non-Federal

### Statewide HSIP Program

AMENDMENT:Increase	607755	WEYMOUTH- INTERSECTION & SIGNAL	6	HSIP	\$ 1,100,000	\$ 990,000	\$ 110,000	cost increase of \$550,000; was \$550,000
Cost		IMPROVEMENTS AT 2 LOCATIONS: SR 53						
		(WASHINGTON STREET) AT MUTTON LANE &						
		PLEASANT STREET						
		Statew	ide HSIP Pro	ogram Subtotal 🕨	\$ 1,100,000	\$ 990,000	\$ 110,000	90% Federal + 10% Non-Federal

#### ► Statewide Safe Routes to Schools Program

	•						
607997	SAUGUS - SAFE ROUTES TO SCHOOL (VETERANS 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 S	Schools Pr	ogram Subtotal 🕨	\$ 2,256,721	\$ 1,805,377	\$ 451,344	<ul> <li>Funding Split Varies by Funding Source</li> </ul>

#### Statewide CMAQ

605189CONCORD- BRUCE FREEMAN RAIL TRAIL CONSTRUCTION, FROM COMMONWEALTH AVENUE TO POWDER MILL ROAD, INCLUDES 2 RAILROAD BRIDGES & 1 CULVERT (PHASE II-C)4CMAQ\$ 5,532,584\$ 4,426,067\$ 1,106,517606316BROOKLINE- PEDESTRIAN BRIDGE REHABILITATION, B-27-016, OVER MBTA OFF CARLTON STREET6CMAQ\$ 2,846,700\$ 2,277,360\$ 569,340	WAYLAND- SIGNAL & INTERSECTION IMPROVEMENTS AT ROUTE 27 (MAIN STREET) AND ROUTE 30 (COMMONWEALTH ROAD)	3	CMAQ	\$ 2,425,710	\$ 1,940,568	\$ 485,142	
REHABILITATION, B-27-016, OVER MBTA OFF	CONSTRUCTION, FROM COMMONWEALTH AVENUE TO POWDER MILL ROAD, INCLUDES 2	4	CMAQ	\$ 5,532,584	\$ 4,426,067	\$ 1,106,517	
	REHABILITATION, B-27-016, OVER MBTA OFF	6	CMAQ	\$ 2,846,700	\$ 2,277,360	\$ 569,340	

Statewide CMAQ ► | \$ 10,804,994 | \$ 8,643,995 | \$ 2,160,999 | < 80% Federal + 20% Non-Federal

## ► Statewide Transportation Enhancements

No	Projects Programmed		\$-	-	-	
	Statewide Transportatio	n Enhancements Subtotal 🕨	\$-	\$-	\$-	80% Federal + 20% Non-Federal

ON I-495       Statewide Interstate Maintenance Program Subtotal ▶       \$ </th <th>2016 Basta</th> <th>n Region ME</th> <th>PO Transportation Improvement Program</th> <th></th> <th></th> <th></th> <th></th> <th></th> <th>30/2015 Endo</th> <th></th> <th>dment Two</th> <th></th>	2016 Basta	n Region ME	PO Transportation Improvement Program						30/2015 Endo		dment Two		
No Projects Programmed         S         -	Amendment/	MassDOT	MassDOT			Pro	ogrammed	Fed	leral Funds	Non-	Federal		
No Projects Programmed         Statewide Interstate Maintenance Program           Statewide Interstate Maintenance Program         Statewide ITS Subtoal ■ \$         -         -         480%, Faderal + 20%, Non-Federal           Statewide Interstate Maintenance Program         FOXEQUOUSL+PLANVILLE-WRENTHAM. Non-Federal         5         NHPP         \$         -         \$         -         480%, Federal + 20%, Non-Federal           Statewide Interstate Maintenance Program         Statewide Interstate Maintenance Program         \$         - <th>Statewide ITS</th> <th></th>	Statewide ITS												
Statewide Interstate Maintenance Program MERNMERN Remove Statewide Interstate Maintenance Program MERNMERN Remove Statewide Interstate Maintenance Program Subtotal \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	••••••		No Projects Programmed			\$	-	1	-	1	-		
MENDMENT Remove         606176         IPOX80R0UGH-PLANVILLE-WRENTHAM- inged         5         NHPP         \$         -         \$         -         Fremove from Boston Region TIP, IMS, Total Cost = \$6,115,000, IM ves \$1,4 Cost = \$6,115,				Statewi	de ITS Subtotal 🕨	\$	-	\$	-	\$	-	80% Federal + 20% Non-Federal	
MENDMENT Remove         609176         FÖXBORQUGH-PLANNULLE-WRENTHAM- inged         5         NHPP         \$         -         \$         -         remove from Boston Region TIP; IMS2 Total Cost = \$6,115,000; IM vas \$1,4 000,1435           - Statewide Infersitate Maintenance Program         Statewide Infersitate Maintenance Program Subtotal ▶         \$	Of a family last sector		<b>P</b>										
Interstate Maintenance Program Subtolal ▶         \$				E		¢		¢		¢		remove from Reston Region TID: IM: Stormu	
Statewide NHS Preservation Program+         668180       WELLESLEY- RESURFACING ON ROUTE 9, FROM LIMIT OF ADD-ALANE TO EAST OF OVERBROOK       6       NHPP       \$       7,327,800       \$       5,862,240       \$       1,465,560         607188       SOUTHBOROUGH- RESURFACING & RELATED WORK ON ROUTE 9, FROM THE FRAMINHAM T.L TO WHITE BAGLEY ROAD       3       NHPP       \$       3,971,340       \$       3,033,072       \$       758,268         Statewide RR Grade Crossings         WORK ON ROUTE 9, FROM THE FRAMINHAM T.L TO WHITE BAGLEY ROAD         Statewide RR Grade Crossings Subtolal >       \$       1,119,140       \$       8,895,312       \$       2,223,822       4       80% Federal + 20% Non-Federal         Statewide RR Grade Crossings Subtolal >       \$       1,119,140       \$       8,895,312       \$       2,223,822       4       80% Federal + 20% Non-Federal         Statewide RR Grade Crossings Subtolal >       \$       1,119,140       \$       8,895,312       \$       2,223,822       4       80% Federal + 20% Non-Federal         Statewide RG Grade Crossings Subtolal >       \$       1,119,140       \$       8,895,312       \$       2,223,822       4       80% Federal + 20% Non-Federal          Satewide NPOROUMENTS ALONG </td <td></td> <td>000170</td> <td>INTERSTATE MAINTENANCE AND RELATED WORK</td> <td>5</td> <td>NNFF</td> <td>φ</td> <td>-</td> <td>φ</td> <td>-</td> <td>φ</td> <td>-</td> <td>Total Cost = \$6,118,000; IM was \$1,604,80</td>		000170	INTERSTATE MAINTENANCE AND RELATED WORK	5	NNFF	φ	-	φ	-	φ	-	Total Cost = \$6,118,000; IM was \$1,604,80	
668180         WELLESLEY- RESURFACING ON ROUTE 9, FROM INITY OF ALANE TO DA-LANE TO LAST OF OVERBROOK INTERSECTION         6         NHPP         \$         7,327,800         \$         5,862,240         \$         1,465,560           607488         SOUTHBOROUGH, RESURFACINO & RELATED SOUTHBOROUGH, RESURFACINO & RELATED TO WHITE BAGLEY ROAD         3         NHPP         \$         3,791,340         \$         3,033,072         \$         758,268           Statewide NHS Preservation Program Subtotal ▶ \$         \$         11,119,110         \$         8,895,312         \$         2,223,828          80% Federal + 20% Non-Federal           Statewide RR Grade Crossings           Statewide RR Grade Crossings Subtotal ▶ \$         \$         11,119,110         \$         8,895,312         \$         2,223,828          80% Federal + 20% Non-Federal           Statewide RR Grade Crossings Subtotal ▶ \$         \$         10,000         \$         2,223,828          80% Federal + 20% Non-Federal           Statewide RG Grade Crossings Subtotal ▶ \$         \$         10,000         \$         2,2000         \$         100,000         \$         2,5000           ROUTE 107 (SALEM BY PASS ROAD)         4         STP-TE         \$         \$         >         \$			Statewide Interstate Mai	ntenance Pi	ogram Subtotal 🕨	\$	-	\$	-	\$	-	◄ 90% Federal + 10% Non-Federal	
608180         WELLESLEY-RESURFACING ON ROUTE 9, FROM IMIT OF ADD-ALANE TO BOA-LANE TO EAST OF OVERBROOK INTERSECTION         6         NHPP         \$         7,327,800         \$         5,862,240         \$         1,465,560           607488         SOUTIBOROUGH, RESURFACING & RELATED WORK ON ROUTE 9, FROM THE FRANINGHAM T.L TO WHITE BAGLEY ROAD         3         NHPP         \$         3,791,340         \$         3,033,072         \$         758,268           Statewide NHS Preservation Program Subtotal ▶ \$         \$         11,119,110         \$         8,895,312         \$         2,223,828          80% Federal + 20% Non-Federal           Statewide RR Grade Crossings           Statewide RR Grade Crossings Subtotal ▶ \$         \$         1         1         \$         8,995,312         \$         2,223,828          80% Federal + 20% Non-Federal           Statewide RG Grade Crossings Subtotal ▶ \$         \$         1         \$         \$         \$         - <td>Statewide NUS Dr</td> <td>nonvotion Dros</td> <td></td>	Statewide NUS Dr	nonvotion Dros											
Image: Solution of ADD-ALANE TO EAST OF OVERBROOK INTERSECTION       Image: Solution of ADD-ALANE TO EAST OF OVERBROOK INTERSECTION       Image: Solution of ADD-ALANE TO EAST OF OVERBROOK INTERSECTION         607488       SOUTHBOROUGH- RESURFACING & RELATED WORK ON ROUTE 9, FROM THE FRAMINGHAN TL TO WHITE BACLEY ROAD       3       NHPP       \$ 3,791,340       \$ 3,033,072       \$ 758,268         Statewide NRS Preservation Program Subtotal ▶ \$ 11,119,140       \$ 8,895,312       \$ 2,223,828       < 80% Federal + 20% Non-Federal	Statewide NHS Pro	-		6	NHDD	¢	7 327 800	¢	5 862 240	¢	1 465 560		
WORK ON ROUTE 9, FROM THE FRAMINGHAM T.L       Image: Statewide NHS Preservation Program Subtotal Image: Statewide NHS Preservation Program Subtotal Image: Statewide RG Grade Crossings       \$ 11,119,140       \$ 8,895,312       \$ 2,223,828       \$ 80% Federal + 20% Non-Federal         *Statewide RG Grade Crossings       Image: Statewide RG Grade Crossings Subtotal Image: Statewide RG Grade RG Grade RG Grade RG Grade Crossings Subtotal Image: Statewide RG Grade RG		606160	LIMIT OF ADD-A-LANE TO EAST OF OVERBROOK	0	NHFF	φ	7,327,800	φ	5,002,240	φ	1,405,500		
Image: constraint of the second of the se		607488		3	NHPP	\$	3,791,340	\$	3,033,072	\$	758,268		
Statewide RR Grade Crossings         Statewide RR Grade Crossings Subtotal ▶ \$													
No Projects Programmed         S         -			Statewide NHS Pre	servation Pr	ogram Subtotal 🕨	\$	11,119,140	\$	8,895,312	\$	2,223,828	<ul> <li>80% Federal + 20% Non-Federal</li> </ul>	
No Projects Programmed         \$         -	Otatawida DD Car												
Statewide RR Grade Crossings Subtotal \$\$ - \$\$ - \$       \$ - \$\$ - \$       \$ - \$\$ - \$       \$ - \$\$	Statewide KK Gra	ue crossings	No Projects Programmed	1		\$		1		1			
Statewide Stormwater Retrofits <ul> <li>SALEM - STORMWATER IMPROVEMENTS ALONG ROUTE 107 (SALEM BYPASS ROAD)</li> <li>MENDMENT:Remove 608134</li> <li>HINGHAMBROCKTON - STORMWATER IMPROVEMENTS ALONG ROUTE 3AROUTE 28</li> <li>STP-TE</li> <li>S</li> <li>S</li></ul>				R Grade Cro	ssings Subtotal ►			\$		\$	-	80% Federal + 20% Non-Federal	
608059       SALEM - STORMWATER IMPROVEMENTS ALONG ROUTE 107 (SALEM BYPASS ROAD)       4       STP-TE       \$       125,000       \$       100,000       \$       25,000         MMENDMENT:Remove broject       608134       HINGHAM-BROCKTON - STORMWATER IMPROVEMENTS ALONG ROUTE 3A/ROUTE 28       5       STP-TE       \$       -       \$       -       remove from Boston Region TIP; improveno 100 graph included in Hingham; was \$         MMENDMENT:Remove broject       608176       FOXBOROUGH-PLAINVILE-WRENTHAM- INTERSTATE MAINTENANCE AND RELATED WORK       5       STP-TE       \$       -       \$       -       remove from Boston Region TIP; improveno 100 graph included in Hingham; was \$         MMENDMENT:Remove broject       608176       FOXBOROUGH-PLAINVILE-WRENTHAM- INTERSTATE MAINTENANCE AND RELATED WORK       5       STP-TE       \$       -       \$       -       remove from Boston Region TIP; improveno 100 graph included in Hingham; was \$         MENDMENT:Remove broject       608176       FOXBOROUGH-PLAINVILE-WRENTHAM- INTERSTATE MAINTER AND RELATED WORK       5       STP-TE       \$       -       \$       -       Remove from Boston Region TIP; improveno 100 graph included in Hingham; was \$         MENDMENT:Remove broject       608176       FOXBOROUGH-PLAINVILE-WRENTHAM- INTERSTATE MAINTENANCE AND RELATED WORK       5       STP-TE       \$       -       \$       -        Term					g	Ŧ		Ţ		Ŧ			
ROUTE 107 (SALEM BYPASS ROAD)       Remove from Boston Region TIP; improve from Boston Region TIP; improve froget       Route 100 (Bit Magnetic Action Concernent action Diagon action Concernent action Dia	Statewide Stormw												
roject       IMPROVEMENTS ALONG ROUTE 3A/ROUTE 28       no longer included in Hingham; was \$         MENDMENT:Remove roject       606176       FOXBOROUGH-PLAINVILLE-WRENTHAM- INTERSTATE MAINTENANCE AND RELATED WORK       5       STP-TE       \$       -       \$       remove from Boston Region TIP; IM4:St Total Cost = \$6,118,000; Stormwate 1,1740,000         Statewide ADA Implementation Plan       \$       125,000       \$       100,000       \$       25,000       4 80% Federal + 20% Non-Federal         Statewide ADA Implementation Plan       \$       2       5       5       -       \$       -			ROUTE 107 (SALEM BYPASS ROAD)		-		,	·	,				
INTERSTATE MAINTENANCE AND RELATED WORK ON I-495       Interstate Maintenance and Related Work (\$1,740,000)       Total Cost = \$6,118,000; Stormwate \$1,740,000         Statewide Stormwater Retrofits Subtotal (\$125,000)       \$100,000)       \$25,000       \$80% Federal + 20% Non-Federal         Statewide ADA Implementation Plan         Statewide ADA Implementation Plan         Statewide ADA Implementation Plan         Statewide ADA Implementation Plan Subtotal (\$ - 0 - 0)         Statewide ADA Implementation Plan Subtotal (\$ - 0 - 0)         Statewide ADA Implementation Plan Subtotal (\$ - 0 - 0)         Statewide ADA Implementation Plan Subtotal (\$ - 0 - 0)         Other Statewide Items         Statewide ADA Implementation Plan Subtotal (\$ - 0 - 0)         Other Statewide Items         Other Statewide Das Repayment         Other Statewide Das Repayment <td col<="" td=""><td>roject</td><td></td><td>IMPROVEMENTS ALONG ROUTE 3A/ROUTE 28</td><td>5</td><td>STP-TE</td><td>\$</td><td>-</td><td>\$</td><td>-</td><td>\$</td><td>-</td><td>no longer included in Hingham; was \$479,1</td></td>	<td>roject</td> <td></td> <td>IMPROVEMENTS ALONG ROUTE 3A/ROUTE 28</td> <td>5</td> <td>STP-TE</td> <td>\$</td> <td>-</td> <td>\$</td> <td>-</td> <td>\$</td> <td>-</td> <td>no longer included in Hingham; was \$479,1</td>	roject		IMPROVEMENTS ALONG ROUTE 3A/ROUTE 28	5	STP-TE	\$	-	\$	-	\$	-	no longer included in Hingham; was \$479,1
Statewide ADA Implementation Plan       Statewide ADA Implementation Plan       \$ 125,000       \$ 100,000       \$ 25,000       < 80% Federal + 20% Non-Federal         Statewide ADA Implementation Plan       No Projects Programmed       \$ -       -       -       -         Statewide ADA Implementation Plan       \$ -        -       -       - </td <td></td> <td>606176</td> <td>INTERSTATE MAINTENANCE AND RELATED WORK</td> <td>5</td> <td>STP-TE</td> <td>\$</td> <td>-</td> <td>\$</td> <td>-</td> <td>\$</td> <td>-</td> <td>Total Cost = \$6,118,000; Stormwater was</td>		606176	INTERSTATE MAINTENANCE AND RELATED WORK	5	STP-TE	\$	-	\$	-	\$	-	Total Cost = \$6,118,000; Stormwater was	
No Projects Programmed       \$       - <td></td> <td></td> <td></td> <td>ormwater R</td> <td>etrofits Subtotal 🕨</td> <td>\$</td> <td>125,000</td> <td>\$</td> <td>100,000</td> <td>\$</td> <td>25,000</td> <td></td>				ormwater R	etrofits Subtotal 🕨	\$	125,000	\$	100,000	\$	25,000		
No Projects Programmed       \$       - <td></td>													
Statewide ADA Implementation Plan Subtotal        \$       -       \$       -       \$       -       \$       -       \$       -       \$       \$       -       \$       \$       -       \$       \$       -       \$       \$       \$       -       \$       \$       -       \$       \$       -       \$       \$       -       \$       \$       -       \$       \$       -       \$       \$       \$       -       \$       \$       -       \$       \$       -       \$       \$       -       \$       \$       -       \$       \$       -       \$	Statewide ADA Im	plementation P		1	1	6		1		1			
Other Statewide Items       ABP GANS Repayment       \$       - <th -<="" td="" tht<=""><td></td><td></td><td></td><td>nlementatio</td><td>n Plan Subtotal N</td><td></td><td></td><td>¢</td><td></td><td>¢</td><td></td><td>80% Enderal + 20% Non Enderal</td></th>	<td></td> <td></td> <td></td> <td>nlementatio</td> <td>n Plan Subtotal N</td> <td></td> <td></td> <td>¢</td> <td></td> <td>¢</td> <td></td> <td>80% Enderal + 20% Non Enderal</td>				nlementatio	n Plan Subtotal N			¢		¢		80% Enderal + 20% Non Enderal
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       \$       -       -	Other Statewide It	ems		prementatio		Ψ		Ψ	-	Ψ			
Award Adjustments, Change Orders, Project Value Changes, Etc.       \$ -       -       -         DBEs, FAPO, Pavement Lab Retrofits, and Misc. Programs       \$ -       -       -         Planning       \$ -       -       -         Statewide Design and Right of Way       \$ -       -       -			ABP GANS Repayment			\$	-	1	-		-		
Programs     Image: Constraint of the state wide Design and Right of Way     State wide Design and Right of Way     State wide Design and Right of Way						\$	-		-		-		
Statewide Design and Right of Way \$						\$	-		-		-		
							-		-		-		
Statewide Recreational Trails \$							-		-		-		
Other Statewide Items Subtotal  \$ - \$ - \$ - 4 Funding Split Varies by Funding Sou							-		-			<ul> <li>Funding Split Varies by Funding Source</li> </ul>	

2016 Bosto	n Region MPC	) Transportation Improvement Program				07/30/2015 Endo 12/17/2015 Draft	rsed Amendment Two	
					Total			
Amendment/	MassDOT	MassDOT	MassDOT	Funding	Programmed	Federal Funds	Non-Federal	Additional
Adjustment Type V	Project ID ▼	Project Description ▼	District ▼	Source <b>v</b>	Funds ▼	▼	Funds ▼	Information <b>V</b>

### Section 2A / Non-Federal Projects

## ► Non Federal Aid

P Non i Guorai Ala								
	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 ►	\$ 187,923,476	\$ 29,447,000	\$ 217,370,476	<ul> <li>Total Spending in Region</li> </ul>
	Eederal Funds ►	\$ 150,808,781		\$ 150,808,781	<ul> <li>Total Federal Spending in Region</li> </ul>

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/Haggers/main.aspx

			Carryover or			_			— St	ate Ma	tch Sc	ources							
FTA Program ▼	Regional Transi Authority ▼	t Project Description ▼	Earmark Details ▼	Fede Fun		RTA	CAP V	MAP V	,		V	TDC	•	sc	A ▼	Loca Fun		Total Cost ▼	Additional Information▼
	Indicates remo Indicates a pro Indicates a pro Indicates a nev	inge in project cost ved from TIP (cost not rei ject moved in from another ject moved out to another v addition to the TIP (action	er TIP element TIP element (c			l in t	otal)												
	Indicates a nev	v funding category																	
5307	MBTA	PREVENTIVE MAINTENANCE		\$ 1	12,000,000	\$	-	\$	-	\$	-	\$	-	\$	-	\$	3,000,000	\$ 15,000,000	
5307	MBTA	Systems Upgrades		\$ 5	58,685,516	\$	-	\$	-	\$	-	\$	-	\$	-	\$ ^	14,671,379	\$ 73,356,895	
5307	MWRTA	ACQUISITION OF BUS SUPPORT EQUIP/FACILITIES		\$	283,056	\$	70,765	\$	-	\$	-	\$	-	\$	-	\$	-	\$ 353,821	
5307	MWRTA	NON FIXED ROUTE ADA PARA SERV		\$	1,300,000	\$	-	\$	-	\$	-	\$	-	\$	325,000	\$	-	\$ 1,625,000	
5307	MWRTA	TERMINAL, INTERMODAL (TRANSIT)	)	\$	150,000	\$	37,500		-	\$	-	\$	-	\$	-	\$	-	\$ 187,500	
5307	MWRTA	Mobility Management		\$	25,000	\$	6,250		-	\$	-	\$	-	\$	-	\$	-	\$ 31,250	
			5307 Subtotal ►	\$7	72,443,572	\$	114,515	\$	-	\$	-	\$	-	\$	325,000	\$ 1	17,671,379	\$ 90,554,466	
5337	MBTA	Bridge & Tunnel Program		\$ 8	35,000,000	\$	-	\$	-	\$	-	\$	-	\$	-	\$ 2	21,250,000	\$106,250,000	
5337	MBTA	Stations - T-GAPS		\$ 1	16,000,000	\$	-	\$	-	\$	-	\$	-	\$	-	\$	4,000,000	\$ 20,000,000	
5337	MBTA	Systems Upgrades		\$ 2	20,190,546	\$	-	\$	-	\$	-	\$	-	\$	-	\$	5,047,637	\$ 25,238,183	
			5337 Subtotal ►	\$12	21,190,546	\$	-	\$	-	\$	-	\$	-	\$	-	\$ 3	80,297,637	\$151,488,183	
5339	MBTA	Systems Upgrades		\$	5,287,027	\$	-	\$	-	\$	-	\$	-	\$	-	\$	1,321,757	\$ 6,608,784	
			5339 Subtotal ►	•\$	5,287,027	\$	-	\$	-	\$	-	\$	-	\$	-	\$	1,321,757	\$ 6,608,784	
5310		No Projects Programmed	N/A	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$-	
			5310 Subtotal ►	•\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$-	
		GREEN LINE EXTENSION PROJECT- EXTENSION TO COLLEGE AVENUE WITH THE UNION																	The Green Line Extensio 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	\$15	50,000,000	\$	-	\$	-	\$	-	\$	-	\$	-	\$21	17,838,000	\$367,838,000	1

			Carryover or			-			— s	tate Match	h Sou	urces -								
FTA Program ▼	Regional Trans Authority ▼	sit Project Description ▼	Earmark Details ▼	Federal Funds		RTAC	CAP V	MAP	V	ІСВ ▼		трс 🗸	,	SCA V		Local Funds	•	Tota Cos		Additional Information▼
SoGR		No Projects Programmed	N/A	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	
Livability		No Projects Programmed	N/A	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	
TIGER		No Projects Programmed	N/A	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	
-		G	rants Subtotal ►	• \$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	
						1 .		1.1		1.		1 -		1.		1.		1.		I
		<b>BUY REPLACEMENT 30-</b>																		
Other	CATA	FT BUS (4)	N/A	\$	-	\$8	00,000	\$	-	\$	-	\$	-	\$	-	\$	-	\$	800,000	
		SHOP EQ/SOFTWARE																		
Other	CATA	MAINT - Match for FY15	N/A	\$	-	\$	10,000	\$	-	\$	-	\$	-	\$	-	\$	-	\$	10,000	
		FACILITY - Match for																		
Other	CATA	FY15	N/A	\$	-	\$	15,600	\$	-	\$	-	\$	-	\$	-	\$	-	\$	15,600	
		SUPPORT EQUIP - Match																		
Other	CATA	for FY15	N/A	\$	-	\$	4,176	\$	-	\$	-	\$	-	\$	-	\$	-	\$	4,176	
		REHAB/RENOVATE -																		
Other	MWRTA	BUS TERMINAL	N/A	\$	-	\$ 9	70,000	\$	-	\$	-	\$	-	\$	-	\$	-	\$	970,000	
			Other Subtotal	• \$	-	\$1,7	99,776	\$	-	\$	-	\$	-	\$	-	\$	-	\$	1,799,776	

Total► \$348,921,145 \$1,914,291 \$ - \$ - \$ 325,000 \$267,128,773 \$618,289,209

Federal Funding Source ▼	Pro	ogrammed ▼	Availab	le ▼	(+/-	·) <b>v</b>
FFY 16 / 5307	\$	72,443,572	\$	136,927,264	\$ 64,483,692	Available
FFY 16 / 5337	\$	121,190,546	\$	121,190,546	\$ -	Available
FFY 16 / 5339	\$	5,287,027	\$	5,287,027	\$ -	Available
FFY 16 / 5310	\$	-	\$	-	\$ -	Available
FY 16 / 5309	\$	150,000,000	\$	150,000,000	\$ -	Available

State Funding Source ▼	Programmed ▼	Available ▼	(+/-	-) 🔻	
RTACAP	\$ 1,914,291	\$ 1,999,792	\$ 85,501	Available	
MAP	\$-	\$ -	\$ -	Available	
ITCCAP	\$-	\$ -	\$ -	Available	
SCA	\$ 325,000	\$ 3,234,526	\$ 2,909,526	Available	
TDC	\$-				

2017 Bosto	n Region MPC	Transportation Improvement Program				07/30/2015 Endo 12/17/2015 Draft	rsed Amendment Two	
					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>

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

 ingina, ealer,				1				
604	4810	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
604	4935	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
607	7309	HINGHAM- RECONSTRUCTION & RELATED WORK ON DERBY STREET, FROM POND PARK ROAD TO CUSHING STREET	5	HSIP	\$ 798,857	\$ 718,972	\$ 79,886	HSIP+CMAQ Total Cost = \$3,994,287
				HSIP Subtotal ►	\$ 7,761,213	\$ 6,985,092	\$ 776,121	90% Federal + 10% Non-Federal

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

 604810	MARLBOROUGH- RECONSTRUCTION OF ROUTE 85	3	СМАQ	\$ 2,000,000	\$ 1,600,000	\$ 400,000	HSIP+CMAQ+STP Total Cost = \$5,613,636
604989	(MAPLE STREET) SOUTHBOROUGH- RECONSTRUCTION OF MAIN STREET (ROUTE 30), FROM SEARS ROAD TO PARK	3	CMAQ	\$ 1,038,370	\$ 830,696	\$ 207,674	STP+CMAQ+TAP Total Cost = \$6,862,752
605110	STREET 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
1569	GREEN LINE EXTENSION PROJECT (PHASE 2), COLLEGE AVENUE TO MYSTIC VALLEY PARKWAY/ROUTE 16	N/A	CMAQ	\$ 13,427,220	\$ 10,741,776	\$ 2,685,444	Yr 2 of 6; CMAQ+STP Total Cost = \$190,100,000 (\$158,000,000 programmed within FFYs 2016-20 TIP)
		(	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	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	on Region MP	O Transportation Improvement Program				07/30/2015 Endo 12/17/2015 Draf	orsed t Amendment Two	
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/	TAP (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)
	1569	GREEN LINE EXTENSION PROJECT (PHASE 2), COLLEGE AVENUE TO MYSTIC VALLEY PARKWAY/ROUTE 16	N/A	STP	\$ 16,472,780	\$ 13,178,224	\$ 3,294,556	Yr 2 of 6; CMAQ+STP Total Cost = \$190,100,000 (\$158,000,000 programmed with FFYs 2016-20 TIP)
	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+Northern Middlesex Counc of Governments contribution (\$1,000,000) Tota Cost = \$29,296,348
	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) Total Cost = \$60,053,518
	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	◄ Min. HSIP	\$ (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)

<b>ZUII</b> Bosto	n Region MI	PO Transportation Improvement Program			<u></u>		30/2015 Endo 17/2015 Draft		ndment Two	
Amendment/ Adjustment Type ▼	MassDOT Project ID ▼	MassDOT Project Description ▼	MassDOT District ▼	Funding Source ▼	Total Programmed Funds ▼	Fec ▼	deral Funds		-Federal ds ▼	Additional Information ▼
Section 1B / Federa	al Aid Bridge F	Projects								
Statewide Bridge N	laintananaa D									
Statewide Bridge N	Namenance Pi	WAKEFIELD - BRIDGE DECK REPLACEMENT				1		1		
MENDMENT:Remove Project	607507	BRIDGE NO. W-01-021 (2MF), HOPKINS STREET OVER I-95 / ST 128	4	NHPP	\$-	\$	-	\$	-	removed from TIP; was \$2,469,936
		Statewide Bridge Mai	ntenance Pr	ogram Subtotal 🕨	\$ -	\$	-	\$	-	80% Federal + 20% Non-Federal
►On System	1	BOSTON- BRIDGE REHABILITATION, B-16-016,			1	1				
	604173	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
MENDMENT:Change Project Description	600867	BOSTON- BRIDGE REPLACEMENT REHABILITATION, B-16-237, MASSACHUSETTS AVENUE (ROUTE 2A) OVER COMMONWEALTH AVENUE	6	NHPP	\$ 7,109,795	\$	5,687,836	\$	1,421,959	AC Yr 2 of 2; Total Cost = \$16,183,795
	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
			On S	system Subtotal 🕨	\$ 50,363,368	\$	40,290,694	\$	10,072,674	80% Federal + 20% Non-Federal
Off-System	1	No Projects Programmed		1	\$ -	\$		\$	-	
		No Flojecis Flogranined	Off-S	svstem Subtotal ►		φ \$	-	ф \$		80% Federal + 20% Non-Federal
				,	Ŧ	+		Ŧ		
Statewide Bridge Ins	spection Progra	m								
		No Projects Programmed			\$-	\$	-	\$	-	
		Statewide Bridge Ir	nspection Pr	ogram Subtotal 🕨	\$ -	\$	-	\$	-	80% Federal + 20% Non-Federal
Section 1C / Federa	al Aid Non-Tar	get Projects								
Other Federal Aid										
	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	6	HPP (1998)	\$ 6,171,760	\$	4,937,408	\$	1,234,352	AC Yr 2 of 4; STP+HSIP+TEA-21 Earmark (MA1236) Total Cost = \$60,053,518

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

THE OLD COLONY RAILROAD (MBTA)

2017 Bost	on Region MP	O Transportation Improvement Program					30/2015 Endo 17/2015 Draft	rsed Amendment Two	
Amendment/ Adjustment Type ▼	MassDOT Project ID ▼	MassDOT Project Description ▼	MassDOT District ▼	•	al grammed ıds ▼	Fec ▼	leral Funds	Non-Federal Funds ▼	Additional Information ▼
Section 1D / Fede	ral Aid Major & S	State Category Projects							
Statewide Infrast	ructure Program								
	603917	MEDFORD- STONEHAM- WOBURN- READING- HIGHWAY LIGHTING REHABILITATION ON I-93 (PHASE II)	4	STP	\$ 2,500,000	\$	2,000,000	\$ 500,00	AC Year 2 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	\$ 4,500,000	\$	3,600,000	\$ 900,000	AC Year 2 of 3; Total Cost = \$8,250,000
		Statewide Infra	astructure Pro	ogram Subtotal ►	\$ 7,000,000	\$	5,600,000	\$ 1,400,00	0 ◀ 80% Federal + 20% Non-Federal
Statewide HSIP F									
	607754	MILTON- INTERSECTION & SIGNAL IMPROVEMENTS AT GRANITE AVENUE & SQUANTUM STREET		HSIP	\$ 350,000	\$	315,000	\$ 35,00	
		Statew	vide HSIP Pro	ogram Subtotal 🕨	\$ 350,000	\$	315,000	\$ 35,00	0 ◀ 90% Federal + 10% Non-Federal
Statewide Safe R	outes to Schools	s Program							
	608003	WEYMOUTH - SAFE ROUTES TO SCHOOL (PINGREE ELEMENTARY)	6	TAP	\$ 754,000	\$	603,200	\$ 150,80	
	608004	WATERTOWN - SAFE ROUTES TO SCHOOL (HOSMER ELEMENTARY)	6	TAP	\$ 903,500	\$	722,800	\$ 180,70	
	1	Statewide Safe Routes to	o Schools Pro	ogram Subtotal ►	\$ 1,657,500	\$	1,326,000	\$ 331,50	■ Funding Split Varies by Funding Source
Statewide CMAQ									
	602165	STONEHAM- SIGNAL & INTERSECTION IMPROVEMENTS AT ROUTE 28/NORTH STREET		CMAQ	\$ 1,532,550		1,226,040	. ,	
			Sta	atewide CMAQ ►	\$ 1,532,550	\$	1,226,040	\$ 306,51	■ ■ 80% Federal + 20% Non-Federal
Statewide Transp	ortation Enhance	ements							
·		No Projects Programmed			\$ -		-		
		Statewide Transportat	tion Enhancer	ments Subtotal <b>&gt;</b>	\$ -	\$	-	\$-	◀ 80% Federal + 20% Non-Federal
Statewide ITS									
		No Projects Programmed			\$ -		-		
			Statewid	e ITS Subtotal 🕨	\$ -	\$	-	\$-	80% Federal + 20% Non-Federal
Statewide Intersta	to Maintonanco	Program							
MENDMENT:Decreas		RANDOLPH- QUINCY- BRAINTREE- RESURFACING & RELATED WORK ON I-93 (SB)	6	NHPP	\$ 4,693,450	\$	4,224,105	\$ 469,34	cost decrease of \$7,443,558; NB work remo from project scope due to 2015 resurfacing; \$12,137,008
		Statewide Interstate Mai	intenance Pro	ogram Subtotal ►	\$ 4,693,450	\$	4,224,105	\$ 469,34	5 ◀ 90% Federal + 10% Non-Federal
Statewide NHS Pr	eservation Prog								
	607477	LYNNFIELD- PEABODY- RESURFACING & RELATED WORK ON ROUTE 1		NHPP	\$ 7,721,542		6,177,234	. , ,	
		Chatawida NILIC Da	a a mustice Des		7 704 540		0 477 004	A E 4 4 0 0	A 90% Federal + 20% New Federal

	•••				Ψ	.,,	Ψ	0,,=0.	Ψ	1,011,000		
		WORK ON ROUTE 1										
		Statewide NHS Pres	servation Pro	ogram Subtotal 🕨	\$	7,721,542	\$	6,177,234	\$	1,544,308	<ul> <li>80% Federal + 20% Non-Federal</li> </ul>	

<b>ZUII</b> Bost	on Region MP	O Transportation Improvement Program			07/30/2015 En 12/17/2015 Dra	aft Amendment Tw	VO
				Total			
Amendment/	MassDOT	MassDOT	MassDOT Funding	Programmed	Federal Funds	s Non-Federal	Additional
Adjustment Type 🔻	Project ID V	Project Description ▼	District ▼ Source ▼	Funds ▼	▼	Funds ▼	Information <b>V</b>
Statewide RR Gra	de Crossings						
		No Projects Programmed		\$ -	-	-	-
		Statewide F	RR Grade Crossings Subtotal 🕨	\$-	\$-	\$	<ul> <li>4 80% Federal + 20% Non-Federal</li> </ul>
Statewide Stormv	vater Retrofits	No Projects Programmed		\$-		-	
			Stormwater Retrofits Subtotal		\$ -	•	-  4 80% Federal + 20% Non-Federal
Statewide ADA In	plementation Pla	an		\$ -			
► Statewide ADA In	plementation Pla	an No Projects Programmed		\$ - \$ -		-	-
		an No Projects Programmed	mplementation Plan Subtotal ►			-	
<ul> <li>Statewide ADA In</li> <li>Other Statewide I</li> </ul>		an No Projects Programmed Statewide ADA I		\$ -	\$ -	-    \$	-
		an No Projects Programmed Statewide ADA I		\$ -	\$-		-
		AND Projects Programmed Statewide ADA I ABP GANS Repayment Award Adjustments, Change Orders, Project Value Changes, Etc.		\$ -	\$-	-    \$	-
		ABP GANS Repayment Award Adjustments, Change Orders, Project Value Changes, Etc. DBEs, FAPO, Pavement Lab Retrofits, and Misc.		\$ -	\$ -		-
		ABP GANS Repayment Award Adjustments, Change Orders, Project Value Changes, Etc. DBEs, FAPO, Pavement Lab Retrofits, and Misc. Programs		\$ - \$ - \$ -	\$ -	\$ 	-
		ABP GANS Repayment Award Adjustments, Change Orders, Project Value Changes, Etc. DBEs, FAPO, Pavement Lab Retrofits, and Misc. Programs Planning		\$ - \$ - \$ - \$ - \$ -	\$ -	\$ 	-
		ABP GANS Repayment Award Adjustments, Change Orders, Project Value Changes, Etc. DBEs, FAPO, Pavement Lab Retrofits, and Misc. Programs		\$ - \$ - \$ -	\$ -	- \$ 	-

## Section 2A / Non-Federal Projects

## ► Non Federal Aid

	1568	FAIRMOUNT IMPROVEMENTS N/	/A N	IFA	\$ 11,574,800	\$	11,574,800	Lists cash flows (based on state fiscal year)
	1572	RED LINE-BLUE LINE CONNECTOR DESIGN		IFA	\$ 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-	-Federa	I Aid Subtotal►	\$ 21,574,800	\$	21,574,800	◀100% Non-Federal

<b>ZUII</b> Bost	on Region MP	O Transportation Improvement Pro	ogram		Total	12/17/2015 Draft	Amendment Two								
Amendment/	MassDOT	MassDOT		Funding	Programmed	Federal Funds	Non-Federal	Additional							
Adjustment Type V	Project ID ▼	Project Description ▼		Source ▼	Funds ▼		Funds ▼	Information V							
Section 2B / Non-	ection 2B / Non-Federal Bridge Projects														
		No Projects Programmed Section	2B / Non-Federal Bridge F	NFA Proiects Subtotal►	\$- \$-	-	\$ - \$ -	■100% Non-Federal							
				.,			<b>▼</b>								
0047				.,		TIP Section 2:	Total of All								
2017 Bos	on Region MP	O TIP Summary		.,		TIP Section 2: ▼	I								
2017 Bos	ton Region MP					TIP Section 2: ▼ \$ 21,574,800	Total of All Projects ▼	✓ Total Spending in Region							
2017 Bost	on Region MP				TIP Section 1: ▼ \$ 168,247,239	V	Total of All Projects ▼	▲ 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, 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

	Regional		Carryover or			_			St	ate Ma	tch Sou	ces -								
FTA Program ▼	Transit Authority ▼	Project Description ▼	Earmark Details ▼	Fede Fund		RTA	CAP ▼	MAF	•	ІСВ	7	TDC	V	sc		Loc: ▼	al Funds	Total Cost ▼		Additional Informatio
	Indicates a ch	ange in project cost																		
	Indicates rem	oved from TIP (cost not ref	lected in total)																	
	Indicates a pr	oject moved in from anothe	r TIP element																	
		oject moved out to another				tota	l)													
	Indicates a ne	w addition to the TIP (action	on taken as de	noted	I)															
	Indicates a ne	ew funding category																		
		PREVENTIVE												1						
5307	MBTA	MAINTENANCE		\$	12,000,000	\$	-	\$	-	\$	-	\$	-	\$	-	\$	3,000,000	\$	15,000,000	
5307	MBTA	Systems Upgrades	1	\$	58,685,516		-	\$	-	\$	-	\$	-	\$	-		14,671,379		73,356,895	
		PREVENTIVE																		
5307	CATA	MAINTENANCE	2016	\$	400,000	\$	-	\$	-	\$	-	\$	-	\$	-	\$	100,000	\$	500,000	
		ACQUIRE - MISC																		
5307	CATA	SUPPORT EQUIPMENT	2016	\$	19,390	\$	4,848	\$	-	\$	-	\$	-	\$	-	\$	-	\$	24,238	
		ACQUIRE - SUPPORT																		
5307	CATA	VEHICLES	2016	\$	88,000	\$	22,000	\$	-	\$	-	\$	-	\$	-	\$	-	\$	110,000	
		ACQUIRE - SHOP																		
		EQ/SOFTWARE																		
5307	CATA	MAINTENANCE	2016	\$	28,000	\$	7,000	\$	-	\$	-	\$	-	\$	-	\$	-	\$	35,000	
		INTERMODAL																		
		(TRANSIT): Facil.																		
5307	MWRTA	Improvements		\$	150,000	\$	37,500	\$	-	\$	-	\$	-	\$	-	\$	-	\$	187,500	
		ACQUISITION OF BUS SUPPORT	1																	
5307	MWRTA	EQUIP/FACILITIES		\$	248,415	¢	62,104	¢	-	\$	_	\$	-	\$	_	\$	-	\$	310,519	
5507		NON FIXED ROUTE ADA		φ	240,415	φ	02,104	φ	-	φ	-	φ	-	φ	-	φ	-	φ	310,519	
5307	MWRTA	PARA SERV	1	\$	1,300,000	\$	-	\$	-	\$	-	\$	-	\$	325,000	\$	-	\$	1,625,000	
5307	MWRTA	Mobility Management	+	Ψ \$	25,000		6,250	Ŧ	-	\$	-	\$	_	\$	-	\$	-	\$	31,250	
			07 Subtotal ►		72,944,321		139,702			\$	-	\$		\$	325 000		17,771,379		91,180,402	
				U A	72,344,021	Ψ	100,702	Ψ	-	Ψ	-	Ψ	-	Ψ	525,000	Ψ	11,111,010	Ψ.	51,100,402	I
5337	MBTA	Bridge & Tunnel Program		\$	100,000,000	\$	-	\$	-	\$	-	\$	-	\$	-	\$ 2	25,000,000	\$ 1	25,000,000	
5337	MBTA	Systems Upgrades		\$	21,190,546	\$	-	\$	-	\$	-	\$	-	\$	-	\$	5,297,637	\$	26,488,183	
		53	37 Subtotal ►	\$	121,190,546	\$	-	\$	-	\$	-	\$	-	\$	-	\$ 3	30,297,637	\$ 1	51,488,183	
5339	MBTA	Systems Upgrades		\$	5,287,027	\$	_	\$	-	\$		\$		\$	_	\$	1,321,757	\$	6,608,784	
			39 Subtotal ►		5,287,027		-	\$	-	\$	-	\$	-	\$	-		1,321,757		6,608,784	
					-, - ,					1.		1.		1.		1.	,	1.1	,,	1
5310		No Projects Programmed	N/A	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	
			10 Subtotal ►			\$		\$		\$		\$		1 -		\$		\$		1

	Regional		Carryover or			-			St	ate Match	Sourc	ces —								
FTA	Transit Authority ▼	Project Description ▼	Earmark Details ▼	Fede	eral ds ▼	БТ		MA		ICB V		TDC V	-	SCA	-	Local Fund	-	Total Cost V		Additional Information ▼
Program ▼	Authority V	Description •	Details V	Fun	us v		IACAF V	WIAI					•	JUA	• •	▼		COSL	•	mormation
																				The Green Line
																				Extension 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 FFYs 2016-19, and the
		EXTENSION TO																		remaining funding will be
		COLLEGE AVENUE																		included in future years of
5200		WITH THE UNION SQUARE SPUR	N/A					-						•				•		the TIP.
5309	MBTA		N/A 809 Subtotal ►	\$ ¢	150,000,000 <b>150,000,000</b>			\$ \$	-	\$ \$	-	\$ \$	-	\$ \$	-	\$230,670,0 \$230,670,0			380,670,000 380,670,000	
				φ	150,000,000	φ	-	φ	-	φ	-	φ	-	φ	-	\$230,070,0	00	φ	380,870,000	
SoGR		No Projects Programmed		\$	-	\$		\$	-	\$	-	\$	-	\$	-	Ŧ	-	\$	-	
Livability		No Projects Programmed		\$	-	\$		\$	-	\$	-	\$	-	\$	-	Ŧ	-	\$	-	
TIGER		No Projects Programmed	N/A nts Subtotal ►	\$	-	\$		\$	-	\$	-	\$	-	\$	-	+	-	\$	-	
		Grai	nts Subtotal 🕨	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$.	-	\$	-	
		BUY REPLACEMENT 30-																		
Other	CATA	FT BUS (3)		\$	-	\$	1,275,000	\$	-	\$	-	\$	-	\$	-	\$-	-	\$	1,275,000	
		Oth	ner Subtotal 🕨	\$	-	\$	1,275,000	\$	-	\$	-	\$	-	\$	-	\$ ·	-	\$	1,275,000	
			Total►	\$	349,421,894	\$	1,414,702	\$	-	\$	-	\$	-	\$	325,000	\$280,060,7	73	\$	631,222,369	
Fiscal Constr Federal	aint Analysis	1	1							State		1				1				
Federal										Funding		Progr	ammed							
Source ▼	Programmed V	Available V	(	+/-)	•					Source ▼		V		Avai	lable ▼		(+	-/-) 🔻	,	
FFY 17 / 5307	-		1	Avai							ACAP	\$1,	414,702	\$	1,414,702	\$		Availa		
FFY 17 / 5337	\$ 121,190,54	6 \$ 121,190,546	\$ -	Avai	lable						MAP		-	\$	-		-	Availa	ble	
FFY 17 / 5339		7 \$ 5,287,027	\$-	Avai	lable					ITC	CCAP		-	\$	-	÷		Availa	ble	
FFY 17 / 5310		\$-		Avai							SCA		325,000	\$ 3	3,234,526	\$ 2,909,5	26	Availa	ble	
FFY 17 / 5309	\$ 150,000,00	0 \$ 150,000,000	\$-	Avai	lable						TDC	\$	-							

2018 Boston	n Region MPC	Transportation Improvement Program				07/30/2015 Endo 12/17/2015 Draft	orsed t Amendment Two	
					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>

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

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

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

1:	569	GREEN LINE EXTENSION PROJECT (PHASE 2), COLLEGE AVENUE TO MYSTIC VALLEY PARKWAY/ROUTE 16	N/A	CMAQ	\$ 13,427,220	\$ 10,741,776	\$ 2,685,444	Yr 3 of 6; CMAQ+STP Total Cost = \$190,100,000 (\$158,000,000 programmed within FFYs 2016-20 TIP)
6	06635	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
			(	MAO Subtotal	\$ 17 115 131	\$ 13 692 105	\$ 3 423 026	80% Federal + 20% Non-Federal

CMAQ Subtotal ▶ \$ 17,115,131 \$ 13,692,105 \$ 3,423,026 ■ 80% Federal + 20% Non-Federal

#### ► TAP - Transportation Alternatives Program

6066	635	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	<ul> <li>80% Federal + 20% Non-Federal</li> </ul>	

2018 Bosto	on Region MP	O Transportation Improvement Program				07/30/2015 Endo 12/17/2015 Draft	t Amendment Two	
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/	TAP (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)
	1569	GREEN LINE EXTENSION PROJECT (PHASE 2), COLLEGE AVENUE TO MYSTIC VALLEY PARKWAY/ROUTE 16	N/A	STP	\$ 26,572,780	\$ 21,258,224	\$ 5,314,556	Yr 3 of 6; CMAQ+STP Total Cost = \$190,100,000 (\$158,000,000 programmed with FFYs 2016-20 TIP)
	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 Tot Cost = \$60,053,518
	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		\$ (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	◄ Min. HSIP	\$ 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 Mai	ntenance Pr	ogram Subtotal 🕨	\$ -	\$ -	\$ <ul> <li>4 80% Federal + 20% Non-Federal</li> </ul>

### ► On System

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

		O Transportation Improvement Program		12/	17/2015 Draft	Americ					
Amendment/	MassDOT		MassDOT	Funding	Total Progra	ammed	Fed	deral Funds	Non-F	ederal	Additional
Adjustment Type V	Project ID ▼			Source ▼	Funds		V		Funds		Information V
► Off-System											
	606632	HOPKINTON- WESTBOROUGH- BRIDGE REPLACEMENT, H-23-006=W-24-016, FRUIT STREET OVER CSX & SUDBURY RIVER	3	STP-BR-OFF	\$ 11	1,727,339	\$	9,381,871	\$	2,345,468	
	607133	QUINCY- BRIDGE REPLACEMENT, ROBERTSON STREET OVER I-93/US 1/SR 3	6	STP-BR-OFF	\$ 6	6,435,763	\$	5,148,610	\$	1,287,153	
	604655	MARSHFIELD- BRIDGE REPLACEMENT, M-07-007, BEACH STREET OVER THE CUT RIVER	5	STP-BR-OFF	\$ 4	1,822,854	\$	3,858,283	\$	964,571	
	607533	WALTHAM- WOERD AVENUE OVER THE CHARLES RIVER	4	STP-BR-OFF	\$ 3	3,873,360	\$	3,098,688	\$	774,672	
			Off-S	System Subtotal >	\$ 26	6,859,316	\$	21,487,453	\$	5 371 863	80% Federal + 20% Non-Federal

#### Statewide Bridge Inspection Program

	607915	NEWTON- WELLESLEY- WESTON- BRIDGE MAINTENANCE OF N-12-063, N-12-054, N-12-055 & N- 12-056 ON I-95/ROUTE 128	6	NHPP	\$	1,724,400	\$ 1,379,520	\$ 344,880		
Statewide Bridge Inspection Program 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-LU Earmark (HPP 756)+ SAFETEA-LU Earmark (HPP 4284) =Total Cost \$7,437,105
605789	BOSTON- RECONSTRUCTION OF MELNEA CASS BOULEVARD	6	HPP (2005)	\$ 5,007,375	\$ 4,005,900	\$ 1,001,475	Construction; HPP 4284 (MA203); SAFETEA-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

6	05733	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							
6	06381	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
		REPAIR & MAINTENANCE ON ROUTE 2							
Statewide Infrastructure Program Subtotal						7,000,000	\$ 5,600,000	\$ 1,400,000	80% Federal + 20% Non-Federal

## Statewide HSIP Program

607748	ACTON- INTERSECTION & SIGNAL IMPROVEMENTS ON SR 2 & SR 111 (MASSACHUSETTS AVENUE) AT PIPER ROAD & TAYLOR ROAD	3	HSIP	\$ 1,500,000	\$ 1,350,000	\$ 150,000	
607761	SWAMPSCOTT- INTERSECTION & SIGNAL IMPROVEMENTS AT SR 1A (PARADISE ROAD) AT SWAMPSCOTT MALL	4	HSIP	\$ 550,000	\$ 495,000	\$ 55,000	
	Statewic	ogram Subtotal 🕨	\$ 2,050,000	\$ 1,845,000	\$ 205,000	90% Federal + 10% Non-Federal	

	n Region MP	O Transportation Improvement Program		-	-			30/2015 Endo 17/2015 Draft	rsed Amendment Two	
mendment/ djustment Type ▼	MassDOT Project ID ▼	MassDOT Project Description ▼	MassDOT District ▼	•		al grammed nds ▼	Fec ▼	deral Funds	Non-Federal Funds ▼	Additional Information ▼
Statewide Safe Ro	utoo to Sahaal									
· Statewide Sale Ru		No Projects Programmed			\$		\$		\$ -	Funding Split Varies by Funding Source
		Statewide Safe Routes to	Schools Pr	ogram Subtotal 🕨		-	\$	-	\$-	
										_
Statewide CMAQ	007000		1		6	7 000 054	6	0 400 000	¢ 4 500 574	
	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	3	CMAQ	\$	5,859,926	\$	4,687,941	\$ 1,171,985	
		CONSTRUCTION INCLUDING PEDESTRIAN BRIDGE N-03-014, OVER ROUTE 9 & BRIDGE OVER ROUTE 30	3							
	_	30	St	atewide CMAQ ►	\$	19,752,796	\$	15,802,237	\$ 3,950,559	80% Federal + 20% Non-Federal
Statewide Transpo	ortation Enhance			1			1		1	
		No Projects Programmed Statewide Transportat	tion Enhance	mente Subtotal N	\$ ¢	-	\$	-	- \$-	■ 80% Federal + 20% Non-Federal
					Ψ	_	Ψ	_	Ψ	
Statewide ITS										
		No Projects Programmed			\$	-		-	-	
			Statewi	de ITS Subtotal ►	\$	-	\$	-	\$-	80% Federal + 20% Non-Federal
Statewide Interstat	to Maintonanco	Program								
MENDMENT:Decrease		READING-WAKEFIELD- INTERSTATE	4	NHPP	\$	4,037,488	\$	3,633,739	\$ 403,749	cost decrease of \$601,328; was \$4,638,816
ost		MAINTENANCE RESURFACING AND RELATED WORK ON I-95								
ost			intenance Pr			4,037,488		3,633,739		<ul> <li>Solution (22), was \$4,000,010</li> <li>Solution (2</li></ul>
	eservation Prog	WORK ON I-95 Statewide Interstate Mai	intenance Pr							
	eservation Prog 608069	WORK ON I-95 Statewide Interstate Mai ram+ MARSHFIELD PEMBROKE NORWELL HANOVER	intenance Pr		\$	4,037,488	\$		\$ 403,749	■ 90% Federal + 10% Non-Federal
	608069	WORK ON I-95 Statewide Interstate Mai ram+ MARSHFIELD PEMBROKE NORWELL HANOVER ROCKLAND HINGHAM RESURFACING ON RT 3	5	ogram Subtotal ►	\$	4,037,488	\$	3,633,739 14,069,376	\$ 403,749 \$ 3,517,344	✓ 90% Federal + 10% Non-Federal
		WORK ON I-95 Statewide Interstate Mai ram+ MARSHFIELD PEMBROKE NORWELL HANOVER		ogram Subtotal ►	\$	4,037,488	\$	3,633,739	\$ 403,749 \$ 3,517,344	✓ 90% Federal + 10% Non-Federal
	608069	WORK ON I-95 Statewide Interstate Mai ram+ MARSHFIELD PEMBROKE NORWELL HANOVER ROCKLAND HINGHAM RESURFACING ON RT 3 DEDHAM - RESURFACING AND RELATED WORK	5	ogram Subtotal ►	\$	4,037,488	\$ \$	3,633,739 14,069,376	\$ 403,749 \$ 3,517,344 \$ 504,662	✓ 90% Federal + 10% Non-Federal          NHSPP+Stormwater Total Cost = \$2,739,31
	608069 605608	WORK ON I-95           Statewide Interstate Mai           mm+           MARSHFIELD PEMBROKE NORWELL HANOVER           ROCKLAND HINGHAM RESURFACING ON RT 3           DEDHAM - RESURFACING AND RELATED WORK           ON ROUTE 109           SAUGUS-RESURFACING AND RELATED WORK ON           ROUTE 1           CONCORD - RESURFACING AND RELATED WORK           ON ROUTE 2	5 6 4 4	ogram Subtotal ► NHPP NHPP NHPP NHPP NHPP	\$ \$ \$ \$ \$	4,037,488 17,586,720 2,523,312 10,597,910 1,784,160	\$ \$ \$ \$ \$	3,633,739 14,069,376 2,018,650 8,478,328 1,427,328	\$ 403,749 \$ 3,517,344 \$ 504,662 \$ 2,119,582 \$ 356,832	<ul> <li>✓ 90% Federal + 10% Non-Federal</li> <li>NHSPP+Stormwater Total Cost = \$2,739,31</li> </ul>
	608069 605608 608008	WORK ON I-95 Statewide Interstate Mai MARSHFIELD PEMBROKE NORWELL HANOVER ROCKLAND HINGHAM RESURFACING ON RT 3 DEDHAM - RESURFACING AND RELATED WORK ON ROUTE 109 SAUGUS-RESURFACING AND RELATED WORK ON ROUTE 1 CONCORD - RESURFACING AND RELATED WORK	5 6 4 4	ogram Subtotal ► NHPP NHPP NHPP NHPP NHPP	\$ \$ \$ \$ \$	4,037,488 17,586,720 2,523,312 10,597,910 1,784,160	\$ \$ \$ \$ \$	3,633,739 14,069,376 2,018,650 8,478,328 1,427,328	\$ 403,749 \$ 3,517,344 \$ 504,662 \$ 2,119,582 \$ 356,832	■ 90% Federal + 10% Non-Federal           NHSPP+Stormwater Total Cost = \$2,739,31
Statewide NHS Pre	608069 605608 608008 608220	WORK ON I-95           Statewide Interstate Mai           mm+           MARSHFIELD PEMBROKE NORWELL HANOVER           ROCKLAND HINGHAM RESURFACING ON RT 3           DEDHAM - RESURFACING AND RELATED WORK           ON ROUTE 109           SAUGUS-RESURFACING AND RELATED WORK ON           ROUTE 1           CONCORD - RESURFACING AND RELATED WORK           ON ROUTE 2	5 6 4 4	ogram Subtotal ► NHPP NHPP NHPP NHPP NHPP	\$ \$ \$ \$ \$	4,037,488 17,586,720 2,523,312 10,597,910 1,784,160	\$ \$ \$ \$ \$	3,633,739 14,069,376 2,018,650 8,478,328 1,427,328	\$ 403,749 \$ 3,517,344 \$ 504,662 \$ 2,119,582 \$ 356,832	■ 90% Federal + 10% Non-Federal           NHSPP+Stormwater Total Cost = \$2,739,31
Statewide NHS Pre	608069 605608 608008 608220	WORK ON I-95 Statewide Interstate Mai marshfield PEMBROKE NORWELL HANOVER ROCKLAND HINGHAM RESURFACING ON RT 3 DEDHAM - RESURFACING AND RELATED WORK ON ROUTE 109 SAUGUS-RESURFACING AND RELATED WORK ON ROUTE 1 CONCORD - RESURFACING AND RELATED WORK ON ROUTE 2 Statewide NHS Pre	5 6 4 4	ogram Subtotal ► NHPP NHPP NHPP NHPP NHPP	\$ \$ \$ \$ \$	4,037,488 17,586,720 2,523,312 10,597,910 1,784,160 32,492,102	\$ \$ \$ \$ \$	3,633,739 14,069,376 2,018,650 8,478,328 1,427,328 25,993,682	\$ 403,749 \$ 3,517,344 \$ 504,662 \$ 2,119,582 \$ 356,832	■ 90% Federal + 10% Non-Federal           NHSPP+Stormwater Total Cost = \$2,739,31
Statewide NHS Pre	608069 605608 608008 608220	WORK ON I-95         Statewide Interstate Mai         ram+         MARSHFIELD PEMBROKE NORWELL HANOVER         ROCKLAND HINGHAM RESURFACING ON RT 3         DEDHAM - RESURFACING AND RELATED WORK         ON ROUTE 109         SAUGUS-RESURFACING AND RELATED WORK ON         ROUTE 1         CONCORD - RESURFACING AND RELATED WORK         ON ROUTE 2         Statewide NHS Pre         No Projects Programmed	5 6 4 4 servation Pr	ogram Subtotal ► NHPP NHPP NHPP ogram Subtotal ►	\$ \$ \$ \$ \$ \$	4,037,488 17,586,720 2,523,312 10,597,910 1,784,160	\$ \$ \$ \$ \$	3,633,739 14,069,376 2,018,650 8,478,328 1,427,328	\$ 403,749 \$ 3,517,344 \$ 504,662 \$ 2,119,582 \$ 356,832	■ 90% Federal + 10% Non-Federal           NHSPP+Stormwater Total Cost = \$2,739,31
Statewide NHS Pre	608069 605608 608008 608220	WORK ON I-95         Statewide Interstate Mai         ram+         MARSHFIELD PEMBROKE NORWELL HANOVER         ROCKLAND HINGHAM RESURFACING ON RT 3         DEDHAM - RESURFACING AND RELATED WORK         ON ROUTE 109         SAUGUS-RESURFACING AND RELATED WORK ON         ROUTE 1         CONCORD - RESURFACING AND RELATED WORK         ON ROUTE 2         Statewide NHS Pre         No Projects Programmed	5 6 4 4 servation Pr	ogram Subtotal ► NHPP NHPP NHPP NHPP NHPP	\$ \$ \$ \$ \$ \$	4,037,488 17,586,720 2,523,312 10,597,910 1,784,160 32,492,102	\$ \$ \$ \$ \$	3,633,739 14,069,376 2,018,650 8,478,328 1,427,328 25,993,682	\$ 403,749 \$ 3,517,344 \$ 504,662 \$ 2,119,582 \$ 356,832 \$ 6,498,420	<ul> <li>■ 90% Federal + 10% Non-Federal</li> <li>NHSPP+Stormwater Total Cost = \$2,739,31</li> <li>■ 80% Federal + 20% Non-Federal</li> </ul>
Statewide NHS Pre Statewide RR Grac	608069 605608 608008 608220 de Crossings ater Retrofits	WORK ON I-95           Statewide Interstate Mai           ram+           MARSHFIELD PEMBROKE NORWELL HANOVER ROCKLAND HINGHAM RESURFACING ON RT 3           DEDHAM - RESURFACING AND RELATED WORK ON ROUTE 109           SAUGUS-RESURFACING AND RELATED WORK ON ROUTE 1           CONCORD - RESURFACING AND RELATED WORK ON ROUTE 2           Statewide NHS Pre           No Projects Programmed           Statewide RI	5 6 4 servation Pr R Grade Cro	ogram Subtotal ► NHPP NHPP NHPP ogram Subtotal ► ssings Subtotal ►	\$ \$ \$ \$ \$ \$	4,037,488 17,586,720 2,523,312 10,597,910 1,784,160 32,492,102 - -	\$ \$ \$ \$ \$ \$	3,633,739 14,069,376 2,018,650 8,478,328 1,427,328 25,993,682 - -	\$ 403,749 \$ 3,517,344 \$ 504,662 \$ 2,119,582 \$ 356,832 \$ 6,498,420 	<ul> <li>✓ 90% Federal + 10% Non-Federal</li> <li>NHSPP+Stormwater Total Cost = \$2,739,31</li> <li>✓ 80% Federal + 20% Non-Federal</li> <li>✓ 80% Federal + 20% Non-Federal</li> </ul>
Statewide NHS Pre Statewide RR Grac	608069 605608 608008 608220 de Crossings	WORK ON I-95         Statewide Interstate Mai         ram+         MARSHFIELD PEMBROKE NORWELL HANOVER         ROCKLAND HINGHAM RESURFACING ON RT 3         DEDHAM - RESURFACING AND RELATED WORK         ON ROUTE 109         SAUGUS-RESURFACING AND RELATED WORK ON         ROUTE 1         CONCORD - RESURFACING AND RELATED WORK         ON ROUTE 2         Statewide NHS Pre         No Projects Programmed         Statewide RI         DEDHAM - RESURFACING AND RELATED WORK	5 6 4 4 servation Pr	ogram Subtotal ► NHPP NHPP NHPP ogram Subtotal ►	\$ \$ \$ \$ \$ \$	4,037,488 17,586,720 2,523,312 10,597,910 1,784,160 32,492,102	\$ \$ \$ \$ \$ \$	3,633,739 14,069,376 2,018,650 8,478,328 1,427,328 25,993,682	\$ 403,749 \$ 3,517,344 \$ 504,662 \$ 2,119,582 \$ 356,832 \$ 6,498,420 	<ul> <li>✓ 90% Federal + 10% Non-Federal</li> <li>NHSPP+Stormwater Total Cost = \$2,739,31</li> <li>✓ 80% Federal + 20% Non-Federal</li> <li>✓ 80% Federal + 20% Non-Federal</li> </ul>
Statewide NHS Pre	608069 605608 608008 608220 de Crossings ater Retrofits 605608	WORK ON I-95         Statewide Interstate Mai         ram+         MARSHFIELD PEMBROKE NORWELL HANOVER ROCKLAND HINGHAM RESURFACING ON RT 3         DEDHAM - RESURFACING AND RELATED WORK ON ROUTE 109         SAUGUS-RESURFACING AND RELATED WORK ON ROUTE 1         CONCORD - RESURFACING AND RELATED WORK ON ROUTE 2         Statewide NHS Pre         No Projects Programmed         Statewide RI         DEDHAM - RESURFACING AND RELATED WORK ON ROUTE 109	5 6 4 servation Pr R Grade Cro 6	ogram Subtotal ► NHPP NHPP NHPP ogram Subtotal ► ssings Subtotal ► STP-TE	\$ \$ \$ \$ \$ \$ \$	4,037,488 17,586,720 2,523,312 10,597,910 1,784,160 32,492,102 	\$ \$ \$ \$ \$	3,633,739 14,069,376 2,018,650 8,478,328 1,427,328 25,993,682 	\$ 403,749 \$ 3,517,344 \$ 504,662 \$ 2,119,582 \$ 356,832 \$ 6,498,420 \$ - \$ - \$ - \$ 43,200	<ul> <li>■ 90% Federal + 10% Non-Federal</li> <li>NHSPP+Stormwater Total Cost = \$2,739,31</li> <li>■ 80% Federal + 20% Non-Federal</li> <li>■ 80% Federal + 20% Non-Federal</li> <li>NHSPP+Stormwater Total Cost = \$2,739,31</li> </ul>
Statewide NHS Pre Statewide RR Grac Statewide Stormwa	608069 605608 608008 608220 de Crossings ater Retrofits	WORK ON I-95         Statewide Interstate Mai         ram+         MARSHFIELD PEMBROKE NORWELL HANOVER         ROCKLAND HINGHAM RESURFACING ON RT 3         DEDHAM - RESURFACING AND RELATED WORK         ON ROUTE 109         SAUGUS-RESURFACING AND RELATED WORK ON         ROUTE 1         CONCORD - RESURFACING AND RELATED WORK         ON ROUTE 2         Statewide NHS Pre         No Projects Programmed         Statewide RI         DEDHAM - RESURFACING AND RELATED WORK	5 6 4 servation Pr R Grade Cro	ogram Subtotal ► NHPP NHPP NHPP ogram Subtotal ► ssings Subtotal ►	\$ \$ \$ \$ \$ \$	4,037,488 17,586,720 2,523,312 10,597,910 1,784,160 32,492,102 - -	\$ \$ \$ \$ \$	3,633,739 14,069,376 2,018,650 8,478,328 1,427,328 25,993,682 - -	\$ 403,749 \$ 3,517,344 \$ 504,662 \$ 2,119,582 \$ 356,832 \$ 6,498,420 	<ul> <li>■ 90% Federal + 10% Non-Federal</li> <li>NHSPP+Stormwater Total Cost = \$2,739,31</li> <li>■ 80% Federal + 20% Non-Federal</li> <li>■ 80% Federal + 20% Non-Federal</li> <li>NHSPP+Stormwater Total Cost = \$2,739,31</li> </ul>

2018 Back	on Pegion MP	O Transportation Improvement Program				07/30/2015 End	orsed ft Amendment Two	
mendment/ adjustment Type ▼	MassDOT Project ID ▼	MassDOT Project Description V	MassDOT District ▼	Funding Source ▼	Total Programmed Funds ▼	Federal Funds ▼		Additional Information ▼
Statewide ADA Ir	nnlementation Pla	an						
		No Projects Programmed			\$-	-	-	
			Implementatio	n Plan Subtotal 🕨		\$-	\$-	◀ 80% Federal + 20% Non-Federal
out ou								
Other Statewide	Items	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	Items Subtotal ►	\$ - \$ -	- \$-	- \$ -	<ul> <li>Funding Split Varies by Funding Source</li> </ul>
	-Federal Projects	Statewide Recreational Trails	other Statewide	Items Subtotal ►				I ■ Funding Split Varies by Funding Source
	Federal Projects	Statewide Recreational Trails	N/A	Items Subtotal ►		\$ -	\$	
		Statewide Recreational Trails	N/A		\$ - \$ 9,000,000	\$ -	\$ 9,000,000	
Non Federal Aid	1568	Statewide Recreational Trails O	N/A	NFA	\$ - \$ 9,000,000	\$ -	\$ 9,000,000	Lists cash flows (based on state fiscal ye
► Non Federal Aid ► Section 2B / Non	1568 -Federal Bridge P	Statewide Recreational Trails O FAIRMOUNT IMPROVEMENTS Projects	N/A	NFA	\$ - \$ 9,000,000	\$ -	\$ 9,000,000	Lists cash flows (based on state fiscal ye
<ul> <li>Section 2A / Non</li> <li>Non Federal Aid</li> <li>Section 2B / Non</li> <li>Section 2B / Non</li> </ul>	1568 -Federal Bridge P	Statewide Recreational Trails O FAIRMOUNT IMPROVEMENTS Projects	N/A	NFA ral Aid Subtotal►	\$ - \$ 9,000,000 \$ 9,000,000	\$ -	\$ 9,000,000	Lists cash flows (based on state fiscal ye
► Non Federal Aid ► Section 2B / Non	1568 -Federal Bridge P	Statewide Recreational Trails O FAIRMOUNT IMPROVEMENTS Projects No Projects Programmed	N/A Non-Fede	NFA ral Aid Subtotal►	\$ - \$ 9,000,000 \$ 9,000,000 \$ 9,000,000	\$ -	\$ 9,000,000 \$ 9,000,000	Lists cash flows (based on state fiscal ye
• Non Federal Aid • Section 2B / Non	1568 -Federal Bridge P	Statewide Recreational Trails O FAIRMOUNT IMPROVEMENTS Projects	N/A Non-Fede	NFA ral Aid Subtotal►	\$ - \$ 9,000,000 \$ 9,000,000 \$ 9,000,000	\$ -	\$ 9,000,000 \$ 9,000,000	Lists cash flows (based on state fiscal ye
<ul> <li>Non Federal Aid</li> <li>Section 2B / Non</li> <li>Section 2B / Non</li> </ul>	1568 -Federal Bridge P -Federal Bridge P	Statewide Recreational Trails O 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 \$ 9,000,000	Lists cash flows (based on state fiscal ye
• Non Federal Aid • Section 2B / Non • Section 2B / Non	1568 -Federal Bridge P -Federal Bridge P	Statewide Recreational Trails O FAIRMOUNT IMPROVEMENTS Projects No Projects Programmed	N/A Non-Fede	NFA ral Aid Subtotal► NFA rojects Subtotal►	\$ - \$ 9,000,000 \$ 9,000,000 \$ 9,000,000 \$ - \$ - \$ - \$ - \$ - \$ -	\$ - IIP Section 2:	\$ 9,000,000 \$ 9,000,000 \$ \$ - Total of All Projects ▼	Lists cash flows (based on state fiscal ye 4100% Non-Federal 4100% Non-Federal
► Non Federal Aid ► Section 2B / Non ► Section 2B / Non	1568 -Federal Bridge P -Federal Bridge P	Statewide Recreational Trails O 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 \$ 9,000,000 \$ - \$ - \$ - \$ - \$ - \$ - \$ \$ - \$ - \$ \$ - \$ -	\$ -	\$ 9,000,000 \$ 9,000,000 \$ 9,000,000 \$ - \$ - Total of All Projects ▼ \$ 261,140,075	Lists cash flows (based on state fiscal ye

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 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	State	Match S	our	ces —								
FTA Program ▼	Transit Authority ▼	Project Description ▼	Earmark Details ▼	Fe	deral nds ▼	RTA	ACAP V	МА	.P▼	IC	3 ▼				SCA	•	Lo ▼	cal Funds	Tot Cos		Additional Information ▼
	Indicates a cha	ange in project cost																			
		oved from TIP (cost not ref	lected in total)																		
		pject moved in from anothe	,																		
		pject moved out to another			t not reflected	l in te	otal)														
	•	w addition to the TIP (actio	•				,														
		w funding category			-)																
		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											1								
5307	CATA	MAINTENANCE	2017	7\$	400,000	\$	-	\$	-	\$		-	\$	-	\$	-	\$	100,000	\$	500,000	
		ACQUIRE - SHOP																			
5307	CATA	EQ/SOFTWARE MAINT	2017	7\$	28,000	\$	7,000	\$	-	\$		-	\$	-	\$	-	\$	-	\$	35,000	
		ACQUIRE - MISC																			
5307	CATA	SUPPORT EQUIPMENT	2017	7\$	60,744	\$	15,186	\$	-	\$		-	\$	-	\$	-	\$	-	\$	75,930	
		ACQUIRE - SHOP																			
5307	CATA	EQUIPMENT	2017	7\$	52,000	\$	13,000	\$	-	\$		-	\$	-	\$	-	\$	-	\$	65,000	
		TERMINAL,																			
5307	MWRTA	INTERMODAL (TRANSIT)	)	\$	150,000	\$	37,500	\$	-	\$		-	\$	-	\$	-	\$	-	\$	187,500	
		ACQUISITION OF BUS																			
		SUPPORT EQUIP/FACILITIES			0.40 5.40		00.404										•				
5307	MWRTA	NON FIXED ROUTE ADA		\$	248,519	\$	62,104	\$	-	\$		-	\$	-	\$	-	\$	-	\$	310,623	
5307	MWRTA	PARA SERV		\$	1,300,000	¢		\$		\$			¢		\$	325,000	¢			1,625,000	
5307	MWRTA	Mobility Management		ֆ Տ	25,000		6,250		-	۰ ۶		-	\$ \$	-	ֆ \$	325,000	э \$	-	\$ \$	31,250	
5307	WWRIA		307 Subtotal ►				141,040		-	Ф \$		-	φ \$	-	э \$	205.000	•	- 17,771,379		91,187,198	
		50		φ	12,949,119	φ	141,040	φ	-	φ		•	à	-	φ	325,000	φ	17,771,379	φ	91,107,190	
5337	MBTA	Bridge & Tunnel Program		\$	60,000,000	\$	-	\$	-	\$		-	\$	-	\$	-	\$	15,000,000	\$	75,000,000	
5337	MBTA	Systems Upgrades		\$			-	\$	-	\$		-	\$	-	\$	-		15,297,637		76,488,183	
			337 Subtotal <b>&gt;</b>				-	\$	-	\$		•	\$	-	\$	-	_	30,297,637	-	151,488,183	
		Ourstance like over de s		6	E 007 005			•		6			•		•		•	4 004 7			[
5339	MBTA	Systems Upgrades		\$	5,287,027		-	\$	-	\$		-	\$	-	\$	-	\$	1,321,757		6,608,784	
		53	339 Subtotal ►	\$	5,287,027	\$	-	\$	-	\$		•	\$	-	\$	-	\$	1,321,757	\$	6,608,784	I
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 ▼	RTACA	₽▼		,	ІСВ ▼		TDC	•	SCA	•	Local Funds ▼		otal ost ▼	Additional Information▼
							1						1					The Green Line
																		Extension project cash
																		flows began
																		programming New Starts
																		funding in FFY 2015. \$1,270,262,000 of the
																		\$1,992,243,000 project
		GREEN LINE EXTENSION PROJECT-																cost is programmed in
		EXTENSION PROJECT-																FFYs 2016-19, and the
		COLLEGE AVENUE																remaining funding will be included in future years
		WITH THE UNION																of the TIP.
5309	MBTA	SQUARE SPUR	N/A	\$ 150,000,000		-	\$	-	\$	-	\$	-	\$	-	\$195,558,0		. , ,	
		53	309 Subtotal ►	\$ 150,000,000	\$	-	\$	-	\$	-	\$	-	\$	-	\$195,558,0	00   \$	\$ 345,558,000	
SoGR		No Projects Programmed	N/A	\$-	\$	-	\$	-	\$	-	\$	-	\$	-	\$-	\$	6 -	
Livability		No Projects Programmed		\$-	\$	-	\$	-	\$	-	\$	-	\$	-	\$-		-	
TIGER		No Projects Programmed		\$ -	\$	-	\$	-	\$	-	\$	-	\$	-	\$-			
		Gra	nts Subtotal ►	\$-	\$	-	\$	-	\$	-	\$	-	\$	•	\$-	\$	-	
		BUY REPLACEMENT																
Other	CATA	TROLLEY BUS (2)		\$ -	\$ 90	00,000	\$	-	\$	-	\$	-	\$	-	\$-	4	§ 900,000	
		Ot	her Subtotal 🕨	\$-	\$ 9	00,000	\$	-	\$	-	\$	-	\$	-	\$-	\$	900,000	
			Total►	\$ 349,427,352	\$ 1.04	41.040	\$	-	\$	-	\$		\$	325.000	\$244,948,7	73 \$	595,742,165	
				, ,	. ,-	,	·		·		•		·	,	. ,,		, , , ,	I
	raint Analysis																	
Federal									State		L							
Funding Source ▼	Programmed	Available <b>V</b>	(1	·/-) <b>v</b>					Fundin Source	-	Prog ▼	rammed	Availa	able ▼		ابد)	-) 🔻	
FFY 17 / 5307	-		<b>(*</b> \$ 63,988,248	1	-						•	,041,040		041,040	\$	<u> </u>	•) ▼ vailable	
	7 \$ 121,190,546			Available	-				R	MAP		,041,040	\$ 1,0 \$	- 041,040	ծ \$		vailable	
FFY 17 / 5339				Available	-					TCCAP		-	φ \$	-	ծ Տ		vailable	
FFY 17 / 5310		\$ -	\$ -	Available	-				i	SCA		325,000	Ŧ	234,526	\$ 2,909,52			
	9 \$ 150,000,000	•		Available						TDC		-	÷ 5,	,0	,,			l

2019 Bosto	n Region MPC	O Transportation Improvement Program	07/30/2015 Endo 12/17/2015 Draft	orsed Amendment Two			
				Total			
Amendment/	MassDOT	MassDOT	MassDOT Funding	Programmed	Federal Funds	Non-Federal	Additional
Adjustment Type V	Project ID V	Project Description ▼	District ▼ Source ▼	Funds ▼	▼	Funds ▼	Information <b>V</b>

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	<ul> <li>90% Federal + 10% Non-Federal</li> </ul>

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

1569	GREEN LINE EXTENSION PROJECT (PHASE 2), COLLEGE AVENUE TO MYSTIC VALLEY PARKWAY/ROUTE 16	N/A	CMAQ	\$ 13,427,220	\$ 10,741,776	\$ 2,685,444	Yr 4 of 6; CMAQ+STP Total Cost = \$190,100,000 (\$158,000,000 programmed within FFYs 2016-20 TIP)
605034	NATICK- RECONSTRUCTION OF ROUTE 27 (NORTH MAIN STREET), FROM NORTH AVENUE TO THE WAYLAND T.L.	3	CMAQ	\$ 1,000,000	\$ 800,000	\$ 400,000	CMAQ+STP Total Cost = \$14,725,286
606043	HOPKINTON- SIGNAL & INTERSECTION IMPROVEMENTS ON ROUTE 135	3	CMAQ	\$ 1,000,000	\$ 800,000	\$ 200,000	CMAQ+HSIP+STP Total Cost = \$8,138,816
606453	BOSTON- IMPROVEMENTS ON BOYLSTON STREET, FROM INTERSECTION OF BROOKLINE AVENUE & PARK DRIVE TO IPSWICH STREET	6	CMAQ	\$ 1,824,765	\$ 1,459,812	\$ 364,953	STP+CMAQ+TAP Total Cost = \$7,373,484
607428	HOPEDALE- MILFORD- RESURFACING & INTERSECTION IMPROVEMENTS ON ROUTE 16 (MAIN STREET), FROM WATER STREET WEST TO APPROXIMATELY 120 FEET WEST OF THE MILFORD/HOPEDALE T.L AND THE INTERSECTION OF ROUTE 140	3	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	<ul> <li>80% Federal + 20% Non-Federal</li> </ul>

2019 Bost	on Region MP	O Transportation Improvement Program					/30/2015 Endo /17/2015 Draft	Amendment Two	
Amendment/ Adjustment Type ▼	MassDOT Proiect ID ▼	MassDOT Project Description ▼	MassDOT District ▼	Funding Source ▼	al grammed nds ▼	Fe ▼	deral Funds	Non-Federal Funds ▼	Additional Information ▼
			District			Ľ		i unuo v	
► TAP - Transportat	606453	Program 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/	TAP (Other)								
	1569	GREEN LINE EXTENSION PROJECT (PHASE 2), COLLEGE AVENUE TO MYSTIC VALLEY PARKWAY/ROUTE 16	N/A	STP	\$ 26,572,780	\$	21,258,224	\$ 5,314,556	Yr 4 of 6; CMAQ+STP Total Cost = \$190,100,000 (\$158,000,000 programmed withi FFYs 2016-20 TIP)
	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; STP+HSIP+TEA-21 Earmark Tota Cost = \$60,053,518
	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	<ul> <li>Min. TAP</li> </ul>	\$ -	TAP Minimum Met

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

2019 Bostor	n Region MPC	Transportation Improvement Program					30/2015 Endo 17/2015 Draft	ndment Two	
Amendment/ Adjustment Type ▼ ▶ Section 1B / Federa	MassDOT Project ID ▼	MassDOT Project Description ▼	MassDOT District ▼		tal ogrammed nds ▼	Fec ▼	deral Funds	 -Federal ds ▼	Additional Information ▼
► Statewide Bridge M		•							
MENDMENT:Add	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	new addition
		Statewide Bridge Main	ntenance Pr	ogram Subtotal ►	\$ 2,889,600	\$	2,311,680	\$ 577,920	■ 80% Federal + 20% Non-Federal
∙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
MENDMENT:Decrease	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	cost decrease of \$2,000,000; AC Yr 3 of 4; Tota Cost = \$45,000,000; was \$12,800,000
		· · ·	On S	ystem Subtotal ►	\$ 45,304,000	\$	36,243,200	\$ 9,060,800	■ 80% Federal + 20% Non-Federal
► Off-System									
	608079	SHARON- BRIDGE REPLACEMENT, S-09-003 (40N), MASKWONICUT STREET OVER AMTRAK/MBTA	5	STP-BR-OFF	\$ 4,755,240	\$	3,804,192	\$ 951,048	
	608255	STOW, BRIDGE REPLACEMENT, S-29-11, BOX MILL ROAD OVER ELIZABETH BROOK	3	STP-BR-OFF	\$ 3,612,224	\$	2,889,779	\$ 722,445	
		-	Off-S	ystem Subtotal ►	\$ 8,367,464	\$	6,693,971	\$ 1,673,493	■ 80% Federal + 20% Non-Federal
Statewide Bridge Ins	pection Program								
		No Projects Programmed			\$ -	\$	-	\$ -	
		Statewide Bridge Ir	spection Pr	ogram Subtotal 🕨	\$ -	\$	-	\$ -	◀ 80% Federal + 20% Non-Federal
Section 1C / Federa	al Aid Non-Targe	t Projects							
Other Federal Aid		No Projects Programmed			\$ -	\$	-	\$ -	
	<u> </u>	1	Other Feder	ral Aid Subtotal ►	\$ -	\$	-	\$ -	◄ Funding Split Varies by Funding Source
Section 1D / Federa	al Aid Major & St	ate Category Projects							
0	cture 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 Bosto	n Region MP	O Transportation Improvement Program						/30/2015 Endo /17/2015 Draft	orsed t Amendment Two	
Amendment/ Adjustment Type ▼	MassDOT Project ID ▼	MassDOT Project Description ▼	MassDOT District ▼	•		al ogrammed nds ▼	Fe ▼	deral Funds	Non-Federal Funds ▼	Additional Information ▼
Statewide HSIP Pi	rogram									
	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	1 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		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 Ro	outes to Schools	s Program								
		No Projects Programmed			\$	-	\$	- 3	\$	Funding Split Varies by Funding Source
Statewide CMAQ	607888	BOSTON- BROOKLINE- MULTI-USE PATH	6	CMAQ	\$	1,915,213	\$	1,532,170	\$ 383,043	
		CONSTRUCTION ON NEW FENWAY	St	atewide CMAQ ►	\$	1,915,213	\$	1,532,170	\$ 383,043	■ ■ 80% Federal + 20% Non-Federal
Ctotowide Trevens	station Enhance									
Statewide Transpo	ortation Enhance	No Projects Programmed		1	\$		1	-	-	
		Statewide Transportat	ion Enhance	ments Subtotal ►		-	\$	-	\$-	80% Federal + 20% Non-Federal
Statewide ITS										
Statewide 115		No Projects Programmed		1	\$	-	1	-	-	
			Statewi	de ITS Subtotal ►		-	\$	-	\$-	◀ 80% Federal + 20% Non-Federal
		_								_
Statewide Interstat		•	1		•		•	10.010.001	0.000	
MENDMENT:Decrease ost	608208	QUINCY - MILTON - BOSTON - INTERSTATE MAINTENANCE AND RELATED WORK ON I-93	6	NHPP	\$	21,491,482	\$	19,342,334	\$ 2,149,148	cost decrease of \$795,980; IM+Stormwater T Cost = \$22,051,482; IM was \$22,287,462
MENDMENT:Decrease	e <mark>608210</mark>	FOXBOROUGH-PLAINVILLE-WRENTHAM-FRANKLIN	- 5	NHPP	\$	24,468,480	\$	22,021,632	\$ 2,446,848	cost decrease of \$4,923,904; was \$29,392,3
ost		INTERSTAE MAINTENANCE AND RELATED WORK ON I-495								
		Statewide Interstate Mai	ntenance Pr	ogram Subtotal ►	\$	45,959,962	\$	41,363,966	\$ 4,595,996	■ ■ 90% Federal + 10% Non-Federal
Statewide NHS Pre	eservation Prog	ram+								
MENDMENT:Remove roject	608221	MARLBORO RESURFACING AND RELATED WORK ON ROUTE 20	3	NHPP	\$	-	\$	-	\$-	remove from TIP; district maintenance resurfacing occurred in 2015; was \$6,126,93
MENDMENT:Add roject	608379	LEXINGTON- BELMONT- ARLINGTON- CAMBRIDGE- PAVEMENT PRESERVATION ON ROUTE 2	4	NHPP	\$	5,400,000	\$	4,320,000	\$ 1,080,000	new addition; NHSPP+Stormwater Total Cos \$6,600,000
		Otatavida NUO Pra	fl D.		•	F 400 000	•	4 000 000	A 1 000 000	

Statewide NHS Preservation Program Subtotal ► \$ 5,400,000 \$ 4,320,000 \$ 1,080,000 4 80% Federal + 20% Non-Federal

Amendment/ Adjustment Type ▼	MassDOT Project ID ▼	O Transportation Improvement Program MassDOT Project Description ▼	MassDOT District ▼	•		tal ogrammed nds ▼	Fede ▼	eral Funds	Non-l Fund	Federal	Additional Information ▼
aujusunent Type v	FIOJECTID V		District V	Source V	Fui		•		Funu	5 1	
Statewide RR Grad	de Crossings										
		No Projects Programmed			\$	-		-		-	
		Statewide RF	R Grade Cro	ssings Subtotal 🕨	\$	-	\$	-	\$	-	80% Federal + 20% Non-Federal
	- to a Detroit										
Statewide Stormw MENDMENT:Remove		MILTON - STORMWATER IMPROVEMENTS ALONG I-	6	STP-TE	\$	_	\$	-	\$	_	removed from TIP; was \$560,000
Project	000213	93	0	SIF-IE	φ	-	φ	-	φ	-	Temoved from TF, was \$500,000
AMENDMENT:Add	608208	QUINCY - MILTON - BOSTON - INTERSTATE	6	STP-TE	\$	560,000	\$	448,000	\$	112.000	new funding source; IM+Stormwater Total Cos
Funding Source		MAINTENANCE AND RELATED WORK ON I-93				, i				,	\$22,051,482
AMENDMENT:Add	608379	LEXINGTON- BELMONT- ARLINGTON- CAMBRIDGE-	4	STP-TE	\$	1,200,000	\$	960,000	\$	240,000	new addition; NHSPP+Stormwater Total Cost
Project		PAVEMENT PRESERVATION ON ROUTE 2									\$6,600,000
				STP-TE	•	004.000	•	470.000	•	44.000	
	608214	WINCHESTER - UPPER MYSTIC RIVER ROUTE 3	4	SIP-IE	\$	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
					Ŧ	.,	Ť	.,,	Ŧ		]
Statewide ADA Im	plementation Pla	an									
		No Projects Programmed			\$	-		-		-	
		Statewide ADA Im	plementatio	n Plan Subtotal 🕨	\$	-	\$	-	\$	-	80% Federal + 20% Non-Federal
Other Statewide It	ems		1	1	1.0						
		ABP GANS Repayment Award Adjustments, Change Orders, Project Value			\$ \$	-		-		-	
		Changes, Etc.			Э	-		-		-	
		DBEs, FAPO, Pavement Lab Retrofits, and Misc.			\$	-		-			
		Programs			Ψ						
		Planning			\$	-		-		-	
		Statewide Design and Right of Way			\$	-		-		-	
		Statewide Recreational Trails			\$	-		-		-	
		Othe	er Statewide	Items Subtotal >	\$	-	\$	-	\$	-	<ul> <li>Funding Split Varies by Funding Source</li> </ul>

### ► 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 Projects

### Section 2B / Non-Federal Bridge Projects

[	No Projects Programmed		NFA	\$ -	\$ -	
	Section 2B / Non-Fe	leral Bridge P	rojects Subtotal►	\$-	\$-	■100% Non-Federal

2019 Bosto	n Region MP(	O Transportation Improvement Pro		07/30/2015 Endo 12/17/2015 Draft	orsed Amendment Two			
Amendment/ Adjustment Type ▼	MassDOT Project ID ▼	MassDOT Project Description ▼	MassDOT District ▼	•	Total Programmed Funds ▼		Non-Federal Funds ▼	Additional Information ▼
2019 Bosto	on Region MP	O TIP Summary	TIP Section 1: ▼	TIP Section 2: ▼	Total of All Projects ▼			
					\$ 218,440,873 \$ 180,906,999 \$ 27,522,875			<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

	Regional		Carryover or			State Match Sources														
FTA Program ▼	Transit Authority ▼	Project Description ▼	Earmark Details ▼	Fee	deral nds ▼	RTA	CAP ▼	MAP	• •	ІСВ	•	TD	C ▼	sc	4 ▼	Loc ▼	al Funds	Tot Co:		Additional Information ▼
	Indicator a ch	ange in project cost																		
		oved from TIP (cost not refl	lastad in total)																	
		pject moved in from anothe																		
	· · · · · · · · · · · · · · · · · · ·	· ·				1	. 4 - 1)													
		pject moved out to another	,			i in ic	olar)													
		w addition to the TIP (actio	n taken as dei	note	ed)															
	Indicates a ne	w funding category																		
		PREVENTIVE																		
5307	MBTA	MAINTENANCE		\$	12,000,000	\$	-	\$	-	\$	-	\$	-	\$	-	\$	3,000,000	\$	15,000,000	
5307	MBTA	Systems Upgrades	1	\$			-	\$	-	\$	-	\$	-	\$	-		14,671,379		73,356,895	
		PREVENTIVE	1	1				ŀ								ŀ	,. ,	† ·	-,,	
5307	CATA	MAINTENANCE	2018	\$	400,000	\$	-	\$	-	\$	-	\$	-	\$	-	\$	100,000	\$	500,000	
		ACQUIRE - SHOP		† ·													,	1	,	
5307	CATA	EQ/COMPUTER/SFTWR	2018	\$	44,000	\$	11,000	\$	-	\$	-	\$	-	\$	-	\$	-	\$	55,000	
		ACQUIRE - MISC			,		,													
5307	CATA	SUPPORT EQUIPMENT	2018	\$	102,152	\$	25,538	\$	-	\$	-	\$	-	\$	-	\$	-	\$	127,690	
		INTERMODAL (TRANSIT): Facil.																		
5307	MWRTA	Improvements		\$	150,000	\$	37,500	\$	-	\$	-	\$	-	\$	-	\$	-	\$	187,500	
		ACQUISITION OF BUS SUPPORT																		
5307	MWRTA	EQUIP/FACILITIES		\$	248,415	\$	62,104	\$	-	\$	-	\$	-	\$	-	\$	-	\$	310,519	
		NON FIXED ROUTE ADA						1												
5307	MWRTA	PARA SERV	1	\$	130,000	\$	-	\$	-	\$	-	\$	-	\$	325,000	\$	-	\$	455,000	
5307	MWRTA	Mobility Management		\$	25,000	\$	6,250	\$	-	\$	-	\$	-	\$	-	\$	-	\$	31,250	
		53	807 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 ►	\$			-	\$	-	\$	-	\$	-	\$	-		30,297,637		151,488,183	
5339	MBTA	Systems Upgrades		\$	5,287,027	\$	-	\$	-	\$	-	\$	-	\$	-	\$	1,321,757	\$	6,608,784	
		53	339 Subtotal ►	\$	5,287,027	\$	-	\$	-	\$	-	\$	-	\$	-	\$	1,321,757	\$	6,608,784	
5310		No Projects Programmed	N/A	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	
		53	310 Subtotal ►	\$	-	\$		\$		\$	-	\$	-	\$	-	\$	-	\$	-	

	Regional		Carryover or			-			— s	State Match Sources										
FTA Program ▼	Transit Authority ▼	Project Description ▼	Earmark Details ▼	Fede Func		RT/	ACAP V	MAP	•	ІСВ	•	тр	)C ▼	sc	A▼	Local Fui ▼	nds	Tota Cos	-	Additional Information ▼
																				The Green Line
																				Extension project cash
																				flows began
																				programming New Starts funding in FFY 2015.
																				\$1,270,262,000 of the
																				\$1,992,243,000 project
		GREEN LINE EXTENSION PROJECT-																		cost is programmed in
		EXTENSION PROJECT-																		FFYs 2016-19, and the
		COLLEGE AVENUE																		remaining funding will be
		WITH THE UNION																		included in future years
5309	МВТА	SQUARE SPUR	N/A	\$ 1	50,000,000	\$	-	\$	-	\$	-	\$	-	\$	-	\$ 26,196	5,000	\$	176,196,000	of the TIP.
L		5	309 Subtotal 🕨	\$ 1	50,000,000	\$	-	\$	-	\$	-	\$	-	\$	-	\$ 26,196	6,000	\$	176,196,000	
				-								•		•						
SoGR		No Projects Programmed		\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	
Livability		No Projects Programmed		\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	
TIGER		No Projects Programmed	N/A	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	
		Gra	nts Subtotal ►	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	
Other		No Projects Programmed	N/A	\$	_	\$	-	\$	-	\$	-	\$	_	\$	_	\$	-	\$	-	
			her Subtotal ►		-	\$	-	\$		\$	-	\$	-	\$	-	\$	-	\$		
																·				
			Total►	\$3	48,262,656	\$	142,392	\$	-	\$	-	\$	-	\$	325,000	\$ 75,586	6,773	\$	424,316,821	
Fiscal Constr	raint Analysis																			
Federal										Stat	e	1								
Funding										Fun		Pr	ogrammed							
Source V	Programmed ▼	Available ▼	(+	/-) 🔻	7					Sou	rce ▼	▼		Av	ailable ▼		(+	-/-)	▼	
FFV 47 / F007	7 ¢ 71 705 002	¢ 400.000.007	¢ 65 152 044			-					DTAOAL		4 4 0 0 0 0	•	140 200	¢			ilabla	

Source V	Flogrammeu v		(+/-) ▼	Source +	•	Available v	(1	r/•) ▼
FFY 17 / 5307	\$ 71,785,083	\$ 136,938,027	\$ 65,152,944 Available	RTACAF	\$ 142,39	2 \$ 142,392	\$-	Available
FFY 17 / 5337	\$ 121,190,546	\$ 121,190,546	\$ - Available	MAF	\$	- \$ -	\$ -	Available
FFY 17 / 5339	\$ 5,287,027	\$ 5,287,027	\$ - Available	ITCCAF	\$	- \$ -	\$ -	Available
FFY 17 / 5310	\$-	\$ -	\$ - Available	SCA	\$ 325,00	0 \$ 3,234,526	\$ 2,909,526	Available
FFY 17 / 5309	\$ 150,000,000	150,000,00	0 \$ - Available	TDC	\$	-		

2020 Bosto	n Region MPC	Transportation Improvement Program				07/30/2015 Endo 12/17/2015 Draft	rsed Amendment Two	
					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 <b>V</b>

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	9	- 6	\$ -	\$-	
	HSIP Subtotal ► \$	- 6	\$ -	\$-	90% Federal + 10% Non-Federal

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

1569	GREEN LINE EXTENSION PROJECT (PHASE 2), COLLEGE AVENUE TO MYSTIC VALLEY PARKWAY/ROUTE 16	N/A	СМАQ	\$ 13,427,220	\$ 10,741,776	\$ 2,685,444	Yr 5 of 6; CMAQ+STP Total Cost = \$190,100,000 (\$158,000,000 programmed within FFYs 2016-20 TIP)
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 Subtotal ►	\$ 17,427,220	\$ 13,941,776	\$ 3,485,444	80% Federal + 20% Non-Federal

#### ► TAP - Transportation Alternatives Program

	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	<ul> <li>80% Federal + 20% Non-Federal</li> </ul>

2020 Bosto	n Region MPC	O Transportation Improvement Program				07/30/2015 Endo 12/17/2015 Draft	rsed Amendment Two	
	Maria	N	Maria	-	Total			
Amendment/	MassDOT		MassDOT			Federal Funds		Additional
Adjustment Type V	Project ID V	Project Description ▼	District ▼	Source ▼	Funds ▼	V	Funds ▼	Information ▼

#### ► Non-CMAQ/HSIP/TAP (Other)

WOBURN- BRIDGE REPLACEMENT, W-43-017, NEW BOSTON STREET OVER MBTA BOSTON- RECONSTRUCTION OF RUTHERFORD AVENUE, FROM CITY SQUARE TO SULLIVAN	4	STP	\$	11,355,289	\$	9,084,231	\$	2,271,058	
							1		
SQUARE	6	STP	\$	7,000,000	\$	5,600,000	\$	1,400,000	
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
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
	ASHLAND- RECONSTRUCTION ON ROUTE 126 (POND STREET), FROM THE FRAMINGHAM T.L. TO THE HOLLISTON T.L. WALPOLE- RECONSTRUCTION ON ROUTE 1A (MAIN STREET) FROM THE NORWOOD T.L. TO ROUTE 27, INCLUDES W-03-024 OVER THE NEPONSET RIVER	ASHLAND- RECONSTRUCTION ON ROUTE 126 (POND STREET), FROM THE FRAMINGHAM T.L. TO THE HOLLISTON T.L. WALPOLE- RECONSTRUCTION ON ROUTE 1A (MAIN STREET) FROM THE NORWOOD T.L. TO ROUTE 27, INCLUDES W-03-024 OVER THE NEPONSET RIVER	ASHLAND- RECONSTRUCTION ON ROUTE 126 (POND STREET), FROM THE FRAMINGHAM T.L. TO 3 STP THE HOLLISTON T.L. 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	ASHLAND- RECONSTRUCTION ON ROUTE 126 (POND STREET), FROM THE FRAMINGHAM T.L. TO 3 STP \$ THE HOLLISTON T.L. WALPOLE- RECONSTRUCTION ON ROUTE 1A (MAIN STREET) FROM THE NORWOOD T.L. TO ROUTE 27, INCLUDES W-03-024 OVER THE 5 NEPONSET RIVER 5	ASHLAND- RECONSTRUCTION ON ROUTE 126 (POND STREET), FROM THE FRAMINGHAM T.L. TO 3 STP \$ 10,983,686 THE HOLLISTON T.L. 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	ASHLAND- RECONSTRUCTION ON ROUTE 126 (POND STREET), FROM THE FRAMINGHAM T.L. TO 3 STP \$ 10,983,686 \$ THE HOLLISTON T.L. WALPOLE- RECONSTRUCTION ON ROUTE 1A (MAIN STREET) FROM THE NORWOOD T.L. TO ROUTE 27, INCLUDES W-03-024 OVER THE 5 STP \$ 16,584,373 \$ NEPONSET RIVER	ASHLAND- RECONSTRUCTION ON ROUTE 126 (POND STREET), FROM THE FRAMINGHAM T.L. TO 3 STP \$ 10,983,686 \$ 8,786,949 THE HOLLISTON T.L. 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	ASHLAND- RECONSTRUCTION ON ROUTE 126 (POND STREET), FROM THE FRAMINGHAM T.L. TO THE HOLLISTON T.L. WALPOLE- RECONSTRUCTION ON ROUTE 1A (MAIN STREET) FROM THE NORWOOD T.L. TO ROUTE 27, INCLUDES W-03-024 OVER THE NEPONSET RIVER STP STP STP STP STP STP STP STP STP STP	ASHLAND- RECONSTRUCTION ON ROUTE 126 (POND STREET), FROM THE FRAMINGHAM T.L. TO THE HOLLISTON T.L. WALPOLE- RECONSTRUCTION ON ROUTE 1A (MAIN STREET) FROM THE NORWOOD T.L. TO ROUTE 27, INCLUDES W-03-024 OVER THE NEPONSET RIVER STP STP STP STP STP STP STP STP STP STP

Section 1A / Fiscal Cons	-	Total Federal Aid Tar	raet Funds F	Programmed	\$ 92 472 067	′\$	92 626 333		\$	154 266	Target Funds Available
		Total Non-CMAQ/HSIP/					72,353,684	<ul> <li>✓ Max. Non-</li> </ul>	\$		Non-CMAQ/HSIP/TAP (Othe
				r rogrammed p	¢ 72,100,120	Ý	12,000,001	CMAQ/HSIP/TAP	Ť	,	Exceeds Maximum
			Total HSIP	Programmed ►	\$-	\$	4,296,710	✓ Min. HSIP	\$	4,296,710	HSIP Minimum Not Met
				Programmed ►		) \$	13,427,220	✓ Min. CMAQ	\$	(4,000,000)	CMAQ Minimum Met
			Total TAP	Programmed ►	\$ 2,548,719	) \$		◄ Min. TAP	\$		TAP Minimum Met
								•			·
		Remainin	ng HSIP, CMAC	Q, and TAP Funds	\$ 296,71	0					
Section 1B / Federal Aid	d Bridge Projects										
Section 1B / Federal Aid	I Bridge Projects										
					\$-	\$		\$-			
	enance Program	Statewide Bridge Mainto	tenance Prog	gram Subtotal ►	Ŷ	\$	- -	\$		30% Federal +	+ 20% Non-Federal
	enance Program	Statewide Bridge Maintr	tenance Prog	gram Subtotal ►	Ŷ					30% Federal +	+ 20% Non-Federal
► Statewide Bridge Mainte	enance Program	Statewide Bridge Mainte	tenance Prog	gram Subtotal ►	Ŷ				4 8	30% Federal +	+ 20% Non-Federal
► Statewide Bridge Mainte	enance Program	Statewide Bridge Maint	tenance Prog	gram Subtotal ▶	Ŷ				4 8	30% Federal +	+ 20% Non-Federal
<ul> <li>Section 1B / Federal Aid</li> <li>Statewide Bridge Mainter</li> <li>On System</li> </ul>	enance Program No Projects Programmed	Statewide Bridge Maint		gram Subtotal ► stem Subtotal ►	\$ -						+ 20% Non-Federal + 20% Non-Federal
► Statewide Bridge Mainte	enance Program No Projects Programmed	Statewide Bridge Maint			\$ -	\$	-	\$ -			
► Statewide Bridge Mainte	enance Program No Projects Programmed	Statewide Bridge Maintr			\$ -	\$	-	\$ -			
► Statewide Bridge Mainto	enance Program No Projects Programmed	Statewide Bridge Maint			\$ -	\$	-	\$ -			

#### Statewide Bridge Inspection Program

No Projects Programmed	\$	- \$ -	\$ -	
Statewide Bridge In	spection Program Subtotal ► \$	- \$ -	\$-	◀ 80% Federal + 20% Non-Federal

2020 Bosto	on Region MP	O Transportation Impro	vement Program			07/30/2015 End 12/17/2015 Drat	orsed t Amendment Two	
mendment/ djustment Type ▼	MassDOT Project ID ▼	MassDOT Project Description▼		MassDOT Funding District ▼ Source ▼	Total Programmed Funds ▼	Federal Funds ▼	Non-Federal Funds ▼	Additional Information ▼
Section 1C / Fede	ral Aid Non-Targ	et Projects						
Other Federal Aid								
		No Projects Programmed			\$-	\$-	\$-	
				Other Federal Aid Subtotal ►	\$-	\$-	\$-	◄ Funding Split Varies by Funding Source
Section 1D / Fede	ral Aid Major & S	tate Category Projects						
Statewide Infrast	ructure Program							
		No Projects Programmed						
			Statewide Infra	structure Program Subtotal ►	\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal
Statewide HSIP P	rogram							
		No Projects Programmed						
			Statew	ide HSIP Program Subtotal ►	\$-	\$ -	\$-	90% Federal + 10% Non-Federal
Statawida Cafa D	autos to Sabaala	Brogram						
Statewide Safe R	outes to Schools	No Projects Programmed			\$ -	\$ -	\$	- Funding Split Varies by Funding Source
		Norrojectorrogrammed	Statewide Safe Routes to	Schools Program Subtotal ►				<ul> <li>Funding Split Varies by Funding Source</li> </ul>
				0	L.		1.	
Statewide CMAQ					1		1	
		No Projects Programmed		Statewide CMAQ ►	s -	\$ -	\$ -	■ 80% Federal + 20% Non-Federal
					φ -	φ -	φ -	
Statewide Transp	ortation Enhance	ements						
		No Projects Programmed			\$ -	-	-	
			Statewide Transportat	ion Enhancements Subtotal <	\$-	\$ -	\$-	80% Federal + 20% Non-Federal
► Statewide ITS								
Statewide 115		No Projects Programmed			\$ -	-		-
				Statewide ITS Subtotal ►		\$ -	\$-	80% Federal + 20% Non-Federal
Statewide Intersta	ate Maintenance				1	1	1	
		No Projects Programmed	Statewide Interstate Mai	ntenance Program Subtotal ►	s -	\$ -	\$ -	◄ 90% Federal + 10% Non-Federal
			Statewide Interstate Mai		Ψ -	Ψ -	Ψ -	
Statewide NHS Pr	eservation Prog			1	1			
		No Projects Programmed	Statowida NUC D	annution Drogrom Subtatal N	¢	\$ -	¢	4 90% Federal + 20% Nep Federal
			Statewide NHS Pre	servation Program Subtotal ►	\$-	\$-	\$-	■ 80% Federal + 20% Non-Federal
Statewide RR Gra	de Crossinas							
		No Projects Programmed			\$-	-	-	•
			Statewide RF	R Grade Crossings Subtotal <	\$-	\$-	\$-	80% Federal + 20% Non-Federal
N Otatamida Otar	inter Detroft-							
Statewide Stormw	ater Retrofits	No Projects Programmed						
		INO FIOJECIS FIOYIAIIIIIIed	Statewide St	ormwater Retrofits Subtotal ►	\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal
			Statewide St		Ψ -	Ψ -	Ψ -	- 00 /01 EUCIAL + 20 /0 NULL-FEUCIAL

2020 Bost	on Region MP	O Transportation Improvement Program				07/30/2015 Endo	orsed t Amendment Two	
Amendment/ Adjustment Type ▼	MassDOT Project ID ▼	MassDOT Project Description V	MassDOT District ▼		Total Programmed Funds ▼	Federal Funds ▼		Additional Information ▼
Statewide ADA Im	plomontation Pla							
		No Projects Programmed			\$-	-	-	
			mplementation	n Plan Subtotal 🕨		\$-	\$-	80% Federal + 20% Non-Federal
Other Statewide 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			\$			
		Statewide Recreational Trails	ther Statewide	Items Subtotal ►	\$ - \$ -	- \$ -	- \$-	◄ Funding Split Varies by Funding Source
	Federal Projects		ther Statewide	Items Subtotal ►			- \$ -	✓ Funding Split Varies by Funding Source
► Section 2A / Non- ► Non Federal Aid	Federal Projects			NFA	\$ - \$ -		\$ -	
	Federal Projects	O		_	\$ - \$ -			Funding Split Varies by Funding Source Image: A state of the
		OI		NFA	\$ - \$ -		\$ -	
► Non Federal Aid ► Section 2B / Non-	Federal Bridge P	No Projects Programmed		NFA	\$ - \$ -		\$ -	Funding Split Varies by Funding Source Image: A state of the
► Non Federal Aid	Federal Bridge P	No Projects Programmed rojects rojects		NFA ral Aid Subtotal►	\$ - \$ - \$ -		\$ - \$ -	
► Non Federal Aid ► Section 2B / Non-	Federal Bridge P	No Projects Programmed	Non-Fede	NFA ral Aid Subtotal► NFA	\$ - \$ - \$ -		\$ -	
<ul> <li>Non Federal Aid</li> <li>Section 2B / Non-</li> <li>Section 2B / Non-</li> </ul>	Federal Bridge P Federal Bridge P	Ol No Projects Programmed rojects rojects No Projects Programmed Section 2B / Non-Fer	Non-Fede	NFA ral Aid Subtotal► NFA	\$ - \$ - \$ -		\$ - \$ - \$ - \$ - Total of All	◀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	Ol No Projects Programmed rojects rojects No Projects Programmed	Non-Fede	NFA ral Aid Subtotal► NFA	\$ - \$ - \$ - \$ - \$ -	\$ -	\$         -           \$         -           \$         -           \$         -	◀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	Ol No Projects Programmed rojects rojects No Projects Programmed Section 2B / Non-Fer	Non-Fede	NFA ral Aid Subtotal► NFA rojects Subtotal►	\$ - \$ - \$ - \$ - <b>TIP Section 1:</b> ▼ \$ 92,472,067	\$ -	\$ - \$ - \$ - Total of All Projects ▼ \$ 92,472,067	I Total Spending in Region
<ul> <li>Non Federal Aid</li> <li>Section 2B / Non-</li> <li>Section 2B / Non-</li> </ul>	Federal Bridge P Federal Bridge P	Ol No Projects Programmed rojects rojects No Projects Programmed Section 2B / Non-Fer	Non-Fede	NFA ral Aid Subtotal► NFA rojects Subtotal►	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ - TIP Section 2: ▼	\$ - \$ - \$ - \$ - Total of All Projects ▼ \$ 92,472,067 \$ 73,977,654	I = 0 + 0 + 0 + 0 + 0 + 0 + 0 + 0 + 0 + 0

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