

# 2016 Boston Region MPO Transportation Improvement Program

07/30/2015 Endorsed  
05/19/2016 Action on Amendment Three

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

## ► Section 1A / Federal Aid Target Projects

- Indicates a change in project cost
- Indicates removed from TIP (cost not reflected in total)
- Indicates a project moved in from another TIP element
- Indicates a project moved out to another TIP element (cost not reflected in total)
- Indicates a new addition to the TIP (action taken as denoted)
- Indicates a new funding category

### ► HSIP - Highway Safety Improvement Program

	607409	LEXINGTON- RECONSTRUCTION ON MASSACHUSETTS AVENUE, FROM MARRETT ROAD TO PLEASANT STREET	4	HSIP	\$ 2,600,000	\$ 2,340,000	\$ 260,000	TAP+HSIP Total Cost = \$5,200,000
	601630	WEYMOUTH- ABINGTON- RECONSTRUCTION & WIDENING ON ROUTE 18 (MAIN STREET) FROM HIGHLAND PLACE TO ROUTE 139 (4.0 MILES) INCLUDES REPLACING W-32-013, ROUTE 18 OVER THE OLD COLONY RAILROAD (MBTA)	6	HSIP	\$ 1,000,000	\$ 900,000	\$ 100,000	AC Yr 1 of 4; STP+HSIP+TEA-21 Earmark (MA1236) Total Cost = \$60,053,518
HSIP Subtotal ►					\$ 3,600,000	\$ 3,240,000	\$ 360,000	◀ 90% Federal + 10% Non-Federal

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

	605721	WEYMOUTH- INTERSECTION IMPROVEMENTS @ MIDDLE STREET, LIBBEY INDUSTRIAL PARKWAY AND TARA DRIVE	6	CMAQ	\$ 937,326	\$ 749,861	\$ 187,465	
	606117	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)
	604652	STONEHAM- WINCHESTER- WOBURN- TRI-COMMUNITY BIKEWAY INCLUDING NEW BRIDGE, W-43-029, OVER THE ABERJONA RIVER	4	CMAQ	\$ 5,429,110	\$ 4,343,288	\$ 1,085,822	
CMAQ Subtotal ►					\$ 15,466,436	\$ 12,373,149	\$ 3,093,287	◀ 80% Federal + 20% Non-Federal

### ► TAP - Transportation Alternatives Program

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

# 2016 Boston Region MPO Transportation Improvement Program

07/30/2015 Endorsed  
05/19/2016 Action on Amendment Three

Amendment/ Adjustment Type ▼	MassDOT Project ID ▼	MassDOT Project Description ▼	MassDOT District ▼	Funding Source ▼	Total Programmed Funds ▼	Federal Funds ▼	Non-Federal Funds ▼	Additional Information ▼
<b>► Non-CMAQ/HSIP/TAP (Other)</b>								
	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) Total 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	◀ Max. Non-CMAQ/HSIP/TAP	\$ (1,154,932)	Non-CMAQ/HSIP/TAP (Other) Exceeds Maximum
Total HSIP Programmed ►	\$ 3,600,000	\$ 4,296,710	◀ Min. HSIP	\$ 696,710	HSIP Minimum Not Met
Total CMAQ Programmed ►	\$ 15,466,436	\$ 13,427,220	◀ Min. CMAQ	\$ (2,039,216)	CMAQ Minimum Met
Total TAP Programmed ►	\$ 2,600,000	\$ 5,097,438	◀ Min. TAP	\$ 2,497,438	TAP Minimum Not Met

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

## ► Section 1B / Federal Aid Bridge Projects

### ► Statewide Bridge Maintenance Program

	607498	QUINCY- BRIDGE MAINTENANCE OF Q-01-051 ON ROUTE 3	6	NHPP	\$ 1,882,958	\$ 1,506,366	\$ 376,592	
Statewide Bridge Maintenance Program Subtotal ►					\$ 1,882,958	\$ 1,506,366	\$ 376,592	◀ 80% Federal + 20% Non-Federal

# 2016 Boston Region MPO Transportation Improvement Program

07/30/2015 Endorsed  
05/19/2016 Action on Amendment Three

Amendment/ Adjustment Type ▼	MassDOT Project ID ▼	MassDOT Project Description ▼	MassDOT District ▼	Funding Source ▼	Total Programmed Funds ▼	Federal Funds ▼	Non-Federal Funds ▼	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	\$ 8,549,748	\$ 6,839,798	\$ 1,709,950	
On System Subtotal ►					\$ 56,546,948	\$ 45,237,558	\$ 11,309,390	◀ 80% Federal + 20% Non-Federal

► Off-System

	607345	COHASSET- SUPERSTRUCTURE REPLACEMENT & SUBSTRUCTURE REHABILITATION, C-17-002, ATLANTIC AVENUE OVER LITTLE HARBOR INLET	5	STP-BR-OFF	\$ 4,336,600	\$ 3,469,280	\$ 867,320	
Off-System Subtotal ►					\$ 4,336,600	\$ 3,469,280	\$ 867,320	◀ 80% Federal + 20% Non-Federal

► Statewide Bridge Inspection Program

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

► Section 1C / Federal Aid Non-Target 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
AMENDMENT:Add Project	1729	WINTHROP- COMMUTER FERRY TO BOSTON	6	HPP	\$ 109,075	\$ 87,260	\$ 21,815	FBD Grant (Pre-MAP-21 23 U.S.C 147); Total Cost = \$109,075; Equipment Expenses Only; Local match provided by Town of Winthrop
Other Federal Aid Subtotal ►					\$ 109,075	\$ 87,260	\$ 21,815	◀ Funding Split Varies by Funding Source

# 2016 Boston Region MPO Transportation Improvement Program

07/30/2015 Endorsed  
05/19/2016 Action on Amendment Three

Amendment/ Adjustment Type ▼	MassDOT Project ID ▼	MassDOT Project Description ▼	MassDOT District ▼	Funding Source ▼	Total Programmed Funds ▼	Federal Funds ▼	Non-Federal Funds ▼	Additional 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
Statewide Infrastructure Program Subtotal ►					\$ 17,500,000	\$ 14,000,000	\$ 3,500,000	◀ 80% Federal + 20% Non-Federal

### ► Statewide HSIP Program

	607755	WEYMOUTH- INTERSECTION & SIGNAL IMPROVEMENTS AT 2 LOCATIONS: SR 53 (WASHINGTON STREET) AT MUTTON LANE & PLEASANT STREET	6	HSIP	\$ 1,100,000	\$ 990,000	\$ 110,000	
Statewide HSIP Program 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 Schools Program Subtotal ►					\$ 2,919,333	\$ 2,335,466	\$ 583,867	◀ Funding Split Varies by Funding Source

### ► Statewide CMAQ

	601579	WAYLAND- SIGNAL & INTERSECTION IMPROVEMENTS AT ROUTE 27 (MAIN STREET) AND ROUTE 30 (COMMONWEALTH ROAD)	3	CMAQ	\$ 2,425,710	\$ 1,940,568	\$ 485,142	
	605189	CONCORD- BRUCE FREEMAN RAIL TRAIL CONSTRUCTION, FROM COMMONWEALTH AVENUE TO POWDER MILL ROAD, INCLUDES 2 RAILROAD BRIDGES & 1 CULVERT (PHASE II-C)	4	CMAQ	\$ 5,532,584	\$ 4,426,067	\$ 1,106,517	
	606316	BROOKLINE- PEDESTRIAN BRIDGE REHABILITATION, B-27-016, OVER MBTA OFF CARLTON STREET	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

# 2016 Boston Region MPO Transportation Improvement Program

07/30/2015 Endorsed  
05/19/2016 Action on Amendment Three

Amendment/ Adjustment Type ▼	MassDOT Project ID ▼	MassDOT Project Description ▼	MassDOT District ▼	Funding Source ▼	Total Programmed Funds ▼	Federal Funds ▼	Non-Federal Funds ▼	Additional Information ▼
<b>► Statewide Transportation Enhancements</b>								
		No Projects Programmed			\$ -	-	-	
Statewide Transportation Enhancements Subtotal ►					\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal
<b>► Statewide ITS</b>								
		No Projects Programmed			\$ -	-	-	
Statewide ITS Subtotal ►					\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal
<b>► Statewide Interstate Maintenance Program</b>								
		No Projects Programmed			\$ -	-	-	
Statewide Interstate Maintenance Program Subtotal ►					\$ -	\$ -	\$ -	◀ 90% Federal + 10% Non-Federal
<b>► Statewide NHS Preservation Program+</b>								
	608180	WELLESLEY- RESURFACING ON ROUTE 9, FROM LIMIT OF ADD-A-LANE TO EAST OF OVERBROOK INTERSECTION	6	NHPP	\$ 7,327,800	\$ 5,862,240	\$ 1,465,560	
	607488	SOUTHBOROUGH- RESURFACING & RELATED WORK ON ROUTE 9, FROM THE FRAMINGHAM T.L TO WHITE BAGLEY ROAD	3	NHPP	\$ 3,791,340	\$ 3,033,072	\$ 758,268	
Statewide NHS Preservation Program Subtotal ►					\$ 11,119,140	\$ 8,895,312	\$ 2,223,828	◀ 80% Federal + 20% Non-Federal
<b>► Statewide RR Grade Crossings</b>								
		No Projects Programmed			\$ -	-	-	
Statewide RR Grade Crossings Subtotal ►					\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal
<b>► Statewide Stormwater Retrofits</b>								
	608059	SALEM - STORMWATER IMPROVEMENTS ALONG ROUTE 107 (SALEM BYPASS ROAD)	4	STP-TE	\$ 125,000	\$ 100,000	\$ 25,000	
Statewide Stormwater Retrofits Subtotal ►					\$ 125,000	\$ 100,000	\$ 25,000	◀ 80% Federal + 20% Non-Federal
<b>► Statewide ADA Implementation Plan</b>								
		No Projects Programmed			\$ -	-	-	
Statewide ADA Implementation Plan Subtotal ►					\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal
<b>► Other Statewide Items</b>								
		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 ►					\$ -	\$ -	\$ -	◀ Funding Split Varies by Funding Source

# 2016 Boston Region MPO Transportation Improvement Program

07/30/2015 Endorsed  
05/19/2016 Action on Amendment Three

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

## ► Section 2A / Non-Federal Projects

### ► Non Federal Aid

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

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

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

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

# 2016 Boston Region MPO TIP Summary

	TIP Section 1: ▼	TIP Section 2: ▼	Total of All Projects ▼	
Total ►	\$ 181,453,869	\$ 29,447,000	\$ 210,900,869	◀ Total Spending in Region
Federal Funds ►	\$ 145,633,095		\$ 145,633,095	◀ Total Federal Spending in Region
Non-Federal Funds ►	\$ 35,820,774	\$ 29,447,000	\$ 65,267,774	◀ Total Non-Federal Spending in Region

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

# 2016 Boston Region MPO Transportation Improvement Program

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

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

5307	MBTA	PREVENTIVE MAINTENANCE		\$ 12,000,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 3,000,000	\$ 15,000,000	
5307	MBTA	Systems Upgrades		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	removed from TIP; was \$73,356,895
5307	MBTA	Bus Procurement Phase II		\$ 135,203,626	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 33,800,907	\$ 169,004,533	new addition
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	
<b>5307 Subtotal ►</b>				<b>\$ 148,961,682</b>	<b>\$ 114,515</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 325,000</b>	<b>\$ 36,800,907</b>	<b>\$ 186,202,104</b>	
5337	MBTA	Bridge & Tunnel Program		\$ 85,000,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 21,250,000	\$ 106,250,000	
5337	MBTA	Stations - T-GAPS		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	removed from TIP; was \$20,000,000
5337	MBTA	Systems Upgrades		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	removed from TIP; was \$25,238,183
5337	MBTA	Green Line Type 7 Selective Systems Overhaul		\$ 27,937,290	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 6,984,323	\$ 34,921,613	new addition
5337	MBTA	Kawasaki Coaches		\$ 30,109,304	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 7,527,326	\$ 37,636,630	new addition
5337	MBTA	Positive Train Control		\$ 60,000,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 94,846,578	\$ 154,846,578	new addition; overmatch includes TIFIA and RIIF
<b>5337 Subtotal ►</b>				<b>\$ 203,046,594</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 130,608,227</b>	<b>\$ 333,654,821</b>	
5339	MBTA	Systems Upgrades		\$ 5,287,027	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,321,757	\$ 6,608,784	
<b>5339 Subtotal ►</b>				<b>\$ 5,287,027</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 1,321,757</b>	<b>\$ 6,608,784</b>	
5310		No Projects Programmed	N/A	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
<b>5310 Subtotal ►</b>				<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	

# 2016 Boston Region MPO Transportation Improvement Program

FTA Program ▼	Regional Transit Authority ▼	Project Description ▼	Carryover or Earmark Details ▼	Federal Funds ▼	State Match Sources					Local Funds ▼	Total Cost ▼	Additional Information ▼
					RTACAP ▼	MAP ▼	ICB ▼	TDC ▼	SCA ▼			
5309	MBTA	GREEN LINE EXTENSION PROJECT- EXTENSION TO COLLEGE AVENUE WITH THE UNION SQUARE SPUR	N/A	\$ 150,000,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 217,838,000	\$ 367,838,000	The Green Line Extension project cash flows began programming New Starts funding in FFY 2015. \$1,270,262,000 of the \$1,992,243,000 project cost is programmed in FFYs 2016-19, and the remaining funding will be included in future years of the TIP.
<b>5309 Subtotal ►</b>				<b>\$ 150,000,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 217,838,000</b>	<b>\$ 367,838,000</b>	
<b>SoGR</b>		No Projects Programmed	N/A	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
<b>Livability</b>		No Projects Programmed	N/A	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
<b>TIGER</b>		No Projects Programmed	N/A	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
<b>Grants Subtotal ►</b>				<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	
<b>Other</b>	CATA	BUY REPLACEMENT 30-FT BUS (4)	N/A	\$ -	\$ 800,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 800,000	
<b>Other</b>	CATA	SHOP EQ/SOFTWARE MAINT - Match for FY15	N/A	\$ -	\$ 10,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 10,000	
<b>Other</b>	CATA	FACILITY - Match for FY15	N/A	\$ -	\$ 15,600	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 15,600	
<b>Other</b>	CATA	SUPPORT EQUIP - Match for FY15	N/A	\$ -	\$ 4,176	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 4,176	
<b>Other</b>	MWRTA	REHAB/RENOVATE - BUS TERMINAL	N/A	\$ -	\$ 970,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 970,000	
<b>Other Subtotal ►</b>				<b>\$ -</b>	<b>\$ 1,799,776</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 1,799,776</b>	
<b>Total ►</b>				<b>\$ 507,295,303</b>	<b>\$ 1,914,291</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 325,000</b>	<b>\$ 386,568,890</b>	<b>\$ 896,103,484</b>	

## Fiscal Constraint Analysis

Federal Funding Source ▼	Programmed ▼	Available ▼	(+/-) ▼		State Funding Source ▼	Programmed ▼	Available ▼	(+/-) ▼	
FFY 16 / 5307	\$ 148,961,682	\$ 194,508,601	\$ 45,546,919	Available	RTACAP	\$ 1,914,291	\$ 1,999,792	\$ 85,501	Available
FFY 16 / 5337	\$ 203,046,594	\$ 256,640,793	\$ 53,594,199	Available	MAP	\$ -	\$ -	\$ -	Available
FFY 16 / 5339	\$ 5,287,027	\$ 17,716,656	\$ 12,429,629	Available	ITCCAP	\$ -	\$ -	\$ -	Available
FFY 16 / 5310	\$ -	\$ -	\$ -	Available	SCA	\$ 325,000	\$ 3,234,526	\$ 2,909,526	Available
FFY 16 / 5309	\$ 150,000,000	\$ 150,000,000	\$ -	Available	TDC	\$ -	\$ -	\$ -	Available