

# 2014 Boston MPO Transportation Improvement Program

Proposed Revision to the Draft FFYs 2014-2017 TIP

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

## ► Section 1A / Federal Aid Target Projects

### ► STP - Surface Transportation Program

600220	BEVERLY- RECONSTRUCTION & SIGNAL IMPROVEMENTS ON RANTOUL STREET (ROUTE 1A) FROM CABOT STREET (SOUTH) TO CABOT STREET (NORTH)	4	STP	\$ 3,748,818	\$ 2,999,054	\$ 749,764	STP+CMAQ Total Cost = \$15,748,818
602602	HANOVER- RECONSTRUCTION OF WASHINGTON STREET (ROUTE 53) AND RELATED WORK FROM THE ROUTE 3 NORTHBOUND RAMP TO WEBSTER STREET (ROUTE 123)	4	STP	\$ 1,170,881	\$ 936,705	\$ 234,176	
605146	SALEM- RECONSTRUCTION ON CANAL STREET, FROM WASHINGTON STREET & MILL STREET TO LORING AVENUE & JEFFERSON AVENUE	4	STP	\$ 2,574,201	\$ 2,059,361	\$ 514,840	STP+HSIP+CMAQ Total Cost = \$6,574,201
601705	READING- RECONSTRUCTION OF WEST STREET, FROM WOBURN CITY LINE TO SUMMER AVE/WILLOW STREET	4	STP	\$ 8,090,698	\$ 6,472,558	\$ 1,618,140	
STP Subtotal ►				\$ 15,584,598	\$ 12,467,678	\$ 3,116,920	◀ 80% Federal + 20% Non-Federal

### ► NHPP - National Highway Performance Program

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 & W-13-023 (ADD-A-LANE - CONTRACT V)	6	NHPP-AC	\$ 27,830,281	22,264,225	5,566,056	AC Yr 2 of 5; NHPP+BR+Statewide Infrastructure Total Cost = \$151,333,710 (\$122,291,802 programmed within FFYs 2014-17 TIP)
NHPP Subtotal ►				\$ 27,830,281	\$ 22,264,225	\$ 5,566,056	◀ 80% Federal + 20% Non-Federal

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<b>► HSIP - Highway Safety Improvement Program</b>							
605146	SALEM- RECONSTRUCTION ON CANAL STREET, FROM WASHINGTON STREET & MILL STREET TO LORING AVENUE & JEFFERSON AVENUE	4	HSIP	\$ 2,000,000	\$ 1,800,000	\$ 200,000	STP+HSIP+CMAQ Total Cost = \$6,574,201; HSIP pending Road Safety Audit
602984	CONCORD- LINCOLN- LIMITED ACCESS HIGHWAY IMPROVEMENTS AT ROUTE 2 & 2A, BETWEEN CROSBY'S CORNER & BEDFORD ROAD, INCLUDES C-19-024	4	HSIP-AC	\$ 5,399,747	\$ 4,859,772	\$ 539,975	AC Yr 4 of 4; STP+HSIP+CMAQ Total Cost = \$61,723,980 (\$5,399,747 programmed within FFYs 2014-17 TIP
HSIP Subtotal ►				\$ 7,399,747	\$ 6,659,772	\$ 739,975	◀ Funding Split Varies by Project Specifications

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

606885	ARLINGTON- BIKEWAY CONNECTION AT INTERSECTION ROUTE 3 & ROUTE 60, MASSACHUSETTS AVENUE, PLEASANT STREET & MYSTIC STREET	4	CMAQ	\$ 1,618,984	\$ 1,295,187	\$ 323,797	
600220	BEVERLY- RECONSTRUCTION & SIGNAL IMPROVEMENTS ON RANTOUL STREET (ROUTE 1A) FROM CABOT STREET (SOUTH) TO CABOT STREET (NORTH)	4	CMAQ	\$ 12,000,000	\$ 9,600,000	\$ 2,400,000	STP+CMAQ Total Cost = \$15,748,818
604761	BOSTON- MULTI-USE TRAIL CONSTRUCTION (SOUTH BAY HARBOR) FROM RUGGLES STATION TO FAN PIER	6	CMAQ	\$ 1,649,262	\$ 1,319,410	\$ 329,852	Construction; CMAQ+TAP Total Cost = \$4,197,981
601553	MELROSE- INTERSECTION & SIGNAL IMPROVEMENT TO LEBANON STREET, FROM LYNDE STREET TO MAIN STREET	4	CMAQ	\$ 4,405,030	\$ 3,524,024	\$ 881,006	CMAQ+SAFETEA-LU Earmark Total Cost = \$5,034,960
605729	QUINCY- INTERSECTION & SIGNAL IMPROVEMENTS AT HANCOCK STREET & EAST/WEST SQUANTUM STREETS	6	CMAQ	\$ 3,575,278	\$ 2,860,222	\$ 715,056	
605146	SALEM- RECONSTRUCTION ON CANAL STREET, FROM WASHINGTON STREET & MILL STREET TO LORING AVENUE & JEFFERSON AVENUE	4	CMAQ	\$ 2,000,000	\$ 1,600,000	\$ 400,000	STP+CMAQ Total Cost = \$6,574,201
N/A	INTERSECTION IMPROVEMENT PROGRAM	N/A	CMAQ	\$ 350,000	\$ 280,000	\$ 70,000	
CMAQ Subtotal ►				\$ 25,598,554	\$ 20,478,843	\$ 5,119,711	◀ 80% Federal + 20% Non-Federal

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<b>► TAP - Transportation Alternatives Program</b>							
604761	BOSTON- MULTI-USE TRAIL CONSTRUCTION (SOUTH BAY HARBOR) FROM RUGGLES STATION TO FAN PIER	6	TAP	\$ 2,548,719	\$ 2,038,975	\$ 509,744	Construction; CMAQ+TAP Total Cost = \$4,197,981; TAP pending application approval
TAP Subtotal ►				\$ 2,548,719	\$ 2,038,975	\$ 509,744	◀ 80% Federal + 20% Non-Federal

## ► Section 1A / Fiscal Constraint Analysis

Total Federal Aid Target Funds Programmed ►	\$ 78,961,899	\$ 78,961,899	◀ Total Target	\$ -	Target Funds Available
Total STP Programmed ►	\$ 15,584,598	\$ 50,095,829	◀ Max. STP	\$ 34,511,231	STP Available
Total NHS Programmed ►	\$ 27,830,281	\$ -	◀ Min. NHS	\$ (27,830,281)	NHS funds are from STP
Total HSIP Programmed ►	\$ 7,399,747	\$ 5,907,977	◀ Min. HSIP	\$ (1,491,770)	HSIP Minimum Met
Total CMAQ Programmed ►	\$ 25,598,554	\$ 20,409,374	◀ Min. CMAQ	\$ (5,189,180)	CMAQ Minimum Met
Total TAP Programmed ►	\$ 2,548,719	\$ 2,548,719	◀ Min. TAP	\$ -	TAP Minimum Met

## ► Section 1B / Federal Aid Bridge Projects

605895	BELLINGHAM- BRIDGE DEMOLITION, B-06-011, ROUTE 126 OVER CSX RAILROAD (ABANDONED) & INSTALLATION OF BIKE PATH CULVERT	3	BR-ON	\$ 1,705,200	\$ 1,364,160	\$ 341,040	
604428	CHELSEA- BRIDGE REPLACEMENT, C-09-001, WASHINGTON AVENUE OVER THE MBTA AND B&M RAILROAD	6	BR-ON	\$ 4,581,284	\$ 3,665,027	\$ 916,257	
607338	GLOUCESTER- BRIDGE PRESERVATION, G-05-017, ROUTE 128 OVER ANNISQUAM RIVER (PHASE II)	4	BR-AC	\$ 8,450,000	\$ 6,760,000	\$ 1,690,000	AC Yr 1 of 2; Total Cost = \$17,250,000
604796	DEDHAM- BRIDGE REPLACEMENT, D-05-033, PROVIDENCE HIGHWAY OVER MOTHER BROOK	6	BR-AC	\$ 5,859,000	\$ 4,687,200	\$ 1,171,800	AC Yr 1 of 2; Total Cost = \$10,868,550
600703	LEXINGTON- BRIDGE REPLACEMENT, L-10-009, ROUTE 2 (EB & WB) OVER ROUTE I-95 (ROUTE 128)	4	BR-AC	\$ 15,000,000	\$ 12,000,000	\$ 3,000,000	AC Yr 2 of 4; Total Cost = \$35,108,000
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 & W-13-023 (ADD-A-LANE - CONTRACT V)	6	BR-AC	\$ 8,500,000	\$ 6,800,000	\$ 1,700,000	AC Yr 2 of 5; NHS+BR+Statewide Infrastructure Total Cost = \$151,333,710 (\$122,291,802 programmed within FFYs 2014-17 TIP)
BR Subtotal ►				\$ 44,095,484	\$ 35,276,387	\$ 8,819,097	◀ 80% Federal + 20% Non-Federal

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

### ► Earmarks

604531	ACTON- MAYNARD- ASSABET RIVER RAIL TRAIL CONSTRUCTION, INCLUDES 4 BRIDGES	3	HPP (2005)	\$ 769,314	\$ 615,451	\$ 153,863	Design; HPP 1761; Local Match
606889	BOSTON- IMPROVEMENTS ALONG GAINSBOROUGH AND ST. BOTOLPH STREETS	6	HPP (2005)	\$ 1,012,389	\$ 809,911	\$ 202,478	Construction; HPP 2012; SAFETEA-LU Earmark + HPP TI 180 Earmark Total Cost = \$3,518,243
606889	BOSTON- IMPROVEMENTS ALONG GAINSBOROUGH AND ST. BOTOLPH STREETS	6	TI (2005)	\$ 2,505,854	\$ 2,004,683	\$ 501,171	Construction; TI 180; SAFETEA-LU Earmark + HPP TI Earmark Total Cost = \$3,518,243
601553	MELROSE- INTERSECTION & SIGNAL IMPROVEMENT TO LEBANON STREET, FROM LYNDE STREET TO MAIN STREET	4	HPP (2005)	\$ 629,930	\$ 503,944	\$ 125,986	Construction; HPP 1604; CMAQ+SAFETEA-LU Earmark Total Cost = \$5,034,960
Earmarks Subtotal ►				\$ 4,917,487	\$ 3,933,990	\$ 983,497	◀ Funding Split Varies by Earmark

### ► Other

No Projects Programmed				\$ -	\$ -	\$ -	
Other Subtotal ►				\$ -	\$ -	\$ -	◀ Funding Split Varies by Funding Source

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

### ► IM - Interstate Maintenance

606171	SHARON- WALPOLE - INTERSTATE MAINTENANCE & RELATED WORK ON I-95	5	IM	\$ 9,912,000	\$ 8,920,800	\$ 991,200	
IM Subtotal ►				\$ 9,912,000	\$ 8,920,800	\$ 991,200	◀ 90% Federal + 10% Non-Federal

### ► NHPP - National Highway Performance Program

606639	WEYMOUTH- BRAINTREE- QUINCY - RESURFACING & RELATED WORK ON ROUTE 3	6	NHPP	\$ 9,912,000	\$ 7,929,600	\$ 1,982,400	
607472	BURLINGTON- CHELMSFORD- VARIOUS LOCATION PAVEMENT PRESERVATION ON ROUTE 3	4	NHPP	\$ 4,446,000	\$ 3,556,800	\$ 889,200	
NHPP Subtotal ►				\$ 14,358,000	\$ 11,486,400	\$ 2,871,600	◀ 80% Federal + 20% Non-Federal

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**► SRTS - Safe Routes to School Program**

607447	MALDEN- SAFE ROUTES TO SCHOOL (BEEBE SCHOOL)	4	SRTS	\$ 577,500	\$ 462,000	\$ 115,500	
607441	MANCHESTER- SAFE ROUTES TO SCHOOL (MEMORIAL ELEMENTARY)	4	SRTS	\$ 625,000	\$ 500,000	\$ 125,000	
607449	WESTWOOD- SAFE ROUTES TO SCHOOL (DOWNEY ELEMENTARY)	6	SRTS	\$ 686,250	\$ 549,000	\$ 137,250	
SRTS Subtotal ►				\$ 1,888,750	\$ 1,511,000	\$ 377,750	◀ Funding Split Varies by Project Specifications

**► Statewide Infrastructure Program**

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 & W-13-023 (ADD-A-LANE - CONTRACT V)	6	Statewide Infrastructure	\$ 8,500,000	\$ 6,800,000	\$ 1,700,000	AC Yr 2 of 5; NHS+BR+Statewide Infrastructure Total Cost = \$151,333,710 (\$122,291,802 programmed within FFYs 2014-17 TIP)
Statewide Infrastructure Subtotal ►				\$ 8,500,000	\$ 6,800,000	\$ 1,700,000	◀ 80% Federal + 20% Non-Federal

**► Statewide Intelligent Transportation Systems**

606432	BURLINGTON- WOBURN- READING- EXPANSION OF FIBER, CCTV, VMS & TRAFFIC SENSOR NETWORK ON I-95	4	Statewide ITS	\$ -	\$ -	\$ -	removed from TIP; will be included in the Statewide Infrastructure section of the STIP; was \$5,000,000
Statewide ITS Subtotal ►				\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal

**► Statewide CMAQ - Statewide Congestion Mitigation and Air Quality Program**

603462	DUXBURY- INTERSECTION IMPROVEMENTS AT KINGSTOWN WAY (ROUTE 53) & WINTER STREET	5	Statewide CMAQ	\$ 1,683,007	\$ 1,346,406	\$ 336,601	cost increase of \$541,401; was \$1,141,606
601019	WINCHESTER- SIGNAL & INTERSECTION IMPROVEMENTS AT 4 LOCATIONS ON CHURCH STREET & ROUTE 3 (CAMBRIDGE ST)	4	Statewide CMAQ	\$ 3,985,903	\$ 3,188,722	\$ 797,181	cost decrease of \$159,436; was \$4,145,339
604532	ACTON- CARLISLE- WESTFORD- BRUCE FREEMAN RAIL TRAIL (PHASE II-A)	3	Statewide CMAQ	\$ 2,300,000	\$ 1,840,000	\$ 460,000	Statewide TE+Statewide CMAQ Total Cost = \$11,088,000
N/A	REGIONWIDE- HOV LANE MOVABLE BARRIER TRANSFER VEHICLES	6	Statewide CMAQ	\$ 3,800,000	\$ 3,040,000	\$ 760,000	
Statewide CMAQ Subtotal ►				\$ 11,768,910	\$ 9,415,128	\$ 2,353,782	◀ 80% Federal + 20% Non-Federal

**► Statewide TE - Statewide Transportation Enhancement Program**

604532	ACTON- CARLISLE- WESTFORD- BRUCE FREEMAN RAIL TRAIL (PHASE II-A)	3	Statewide TE	\$ 8,788,000	\$ 7,030,400	\$ 1,757,600	Statewide TE+Statewide CMAQ Total Cost = \$11,088,000
Statewide TE Subtotal ►				\$ 8,788,000	\$ 7,030,400	\$ 1,757,600	◀ 80% Federal + 20% Non-Federal

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<b>► Other</b>							
N/A	CENTRAL ARTERY/TUNNEL PROJECT- NATIONAL HIGHWAY SYSTEM	N/A	Other	\$ 44,450,000	\$ -	\$ -	
N/A	CENTRAL ARTERY/TUNNEL PROJECT- STATE TRANSPORTATION PROGRAM/FLEX	N/A	Other	\$ 58,390,000	\$ -	\$ -	
N/A	CENTRAL ARTERY/TUNNEL PROJECT- STATE TRANSPORTATION PROGRAM	N/A	Other	\$ 20,000,000	\$ -	\$ -	Last year of GANs payments for CA/T project
Other Subtotal ►				\$ 122,840,000	\$ -	\$ -	◀ Funding Split Varies by Funding Source

## ► Section 2A / Non-Federal Projects

N/A	GREEN LINE EXTENSION PROJECT- EXTENSION TO COLLEGE AVENUE WITH THE UNION SQUARE SPUR	N/A	Other	\$ 131,567,000		\$ 131,567,000	The Green Line Extension project is currently in the New Starts pipeline and the Commonwealth anticipates a decision in a Full Funding Grant Agreement in FFY 2015. The cash flows for the project, therefore, provide 100% bond funding for FFYs 2013-14 and begin programming New Starts funding in FFY 2015. The Commonwealth is committed to fully funding this project with bond funds if New Starts is not awarded.
N/A	FAIRMOUNT IMPROVEMENTS	N/A	Other	\$ 11,155,536		\$ 11,155,536	Lists cash flows (based on state fiscal year) for Fairmount Improvements
N/A	RED LINE-BLUE LINE CONNECTOR DESIGN	N/A	Other	\$ 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.
606086	RECONSTRUCTION OF THE I-95 SOUTHBOUND BLUE HILL DRIVE OFF RAMP	5/6	Other	\$ 5,000,000		\$ 5,000,000	Non-federal aid
607557	RECONSTRUCTION OF THE UNIVERSITY AVENUE/CANTON STREET INTERSECTION	5/6	Other	\$ 5,000,000		\$ 5,000,000	Non-federal aid (Executive Office of Housing and Economic Development)
Non-Federal Projects Subtotal ►				\$ 162,722,536		\$ 162,722,536	◀ 100% Non-Federal

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

604660	EVERETT- MEDFORD- BRIDGE REPLACEMENTS, REVERE BEACH PARKWAY (ROUTE 16), E-12-004=M-12-018 OVER THE MALDEN RIVER (WOODS MEMORIAL BRIDGE) & M-12-017 OVER MBTA AND RIVERS EDGE DRIVE	4	ABP-GANS	\$ 81,695,030		\$ 81,695,030	Moved out to FFY 2014; was \$64,528,554 (\$63,898,554 GANs funding [federal and state match] and \$630,000 of additional state funding)
Non-Federal Bridge Projects Subtotal ►				\$ 81,695,030		\$ 81,695,030	◀ 100% Non-Federal

# 2014 Boston MPO TIP Summary - Highway

	TIP Section 1: ▼	TIP Section 2: ▼	Total of All Projects ▼	
Total ►	\$ 183,190,530	\$ 81,695,030	\$ 264,885,560	◀ Total Spending in Region
Federal Funds ►	\$ 148,283,599		\$ 148,283,599	◀ Total Federal Spending in Region
Non-Federal Funds ►	\$ 34,906,931	\$ 81,695,030	\$ 116,601,961	◀ 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>

# 2014 Boston MPO Transportation Improvement Program

FTA Program ▼	Regional Transit Authority ▼	Project Description ▼	Carryover or Earmark Details ▼	Federal Funds ▼	State Match Sources					RTA Funds ▼	Total Cost ▼	Additional Information ▼
					RTACAP ▼	MAP ▼	ITCCAP ▼	TDC ▼	SCA ▼			
5307	MBTA	Power Program		\$ 28,513,462	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 7,128,366	\$ 35,641,828	
5307	MBTA	HEAVY RAIL CARS - Red/Orange Lines		\$ 24,000,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 6,000,000	\$ 30,000,000	
5307	MBTA	PREVENTIVE MAINTENANCE		\$ 12,000,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 3,000,000	\$ 15,000,000	
5307	MBTA	Signals - Red Line Signal Upgrade (01)		\$ 15,200,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 3,800,000	\$ 19,000,000	
5307	MBTA	Systems Upgrades		\$ 2,324,134	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 581,034	\$ 2,905,168	
5307	MBTA	COMMUTER LOCOMOTIVE DIESEL (7 Options)		\$ 52,647,920	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 13,161,980	\$ 65,809,900	
5307	CATA	PREVENTIVE MAINTENANCE		\$ 325,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 81,250	\$ 406,250	
5307	CATA	REHAB/RENOVATE BUS SUPPORT FACIL/EQUIP		\$ 183,076	\$ 45,769	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 228,845	
SAFETEA-LU)	MWRTA	Wellesley Fixed Route Service		\$ 400,000	\$ -	\$ -	\$ -	\$ -	\$ 400,000	\$ -	\$ 800,000	
5307	MWRTA	ACQUIRE - MOBILE SURV/SECURITY EQUIP		\$ 10,000	\$ 2,500	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 12,500	
5307	MWRTA	PURCHASE SIGNAGE		\$ 5,878	\$ 1,470	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 7,348	
5307	MWRTA	ACQUISITION OF BUS SUPPORT EQUIP/FACILITIES		\$ 20,000	\$ 5,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 25,000	
5307	MWRTA	NON FIXED ROUTE ADA PARA SERV		\$ 1,000,000	\$ -	\$ -	\$ -	\$ -	\$ 1,000,000	\$ -	\$ 2,000,000	
SAFETEA-LU)	128 Business Council	CAPITAL COST OF 3RD PARTY CONTRACTING		\$ 128,740	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 42,270	\$ 171,010	
5307 (5316 - SAFETEA-LU)	North Shore Career Center (City of Salem)	NSSC - JARC		\$ 468,790	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 382,814	\$ 851,604	
SAFETEA-LU)	Town of Foxborough	PLANNING		\$ 30,720	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 7,680	\$ 38,400	
SAFETEA-LU)	Town of Acton	FTA (ONLY) PLANNING		\$ 16,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 4,000	\$ 20,000	
<b>5307 Subtotal ►</b>				<b>\$ 137,273,720</b>	<b>\$ 54,739</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 1,400,000</b>	<b>\$ 34,189,394</b>	<b>\$ 172,917,853</b>	



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FTA Program ▼	Regional Transit Authority ▼	Project Description ▼	Carryover or Earmark Details ▼	Federal Funds ▼	State Match Sources					RTA Funds ▼	Total Cost ▼	Additional Information ▼
					RTACAP ▼	MAP ▼	ITCCAP ▼	TDC ▼	SCA ▼			
5337	MBTA	Systems Upgrades		\$ 1,589,989	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 397,497	\$ 1,987,486	
5337	MBTA	Track/Righ-of-Way - Red Line Floating Slab (01)		\$ 19,600,557	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 4,900,139	\$ 24,500,696	
5337	MBTA	Bridge & Tunnel Program		\$ 60,000,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 15,000,000	\$ 75,000,000	
5337	MBTA	Stations & Facilities (T-GAPS)		\$ 40,000,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 10,000,000	\$ 50,000,000	
<b>5337 Subtotal ►</b>				<b>\$ 121,190,546</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 30,297,636</b>	<b>\$ 151,488,182</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 (5317 - SAFETEA-LU)	Mystic Valley Elder Services	COORDINATION OF NON-EMERGENCY HUMAN SERVICE TRANSPORTATION		\$ 80,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 20,000	\$ 100,000	
SAFETEA-LU)	Town of Acton	UP TO 50% FEDERAL SHARE		\$ 44,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 44,000	\$ 88,000	
SAFETEA-LU)	MWRTA	TRAINING		\$ 106,003	\$ -	\$ -	\$ -	\$ 21,201	\$ -	\$ -	\$ 106,003	
5310 (5317 - SAFETEA-LU)	Greater Lynn Senior Services, Inc.	PLANNING		\$ 430,737	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 155,000	\$ 585,737	
5310 (5317 - SAFETEA-LU)	Greater Lynn Senior Services, Inc.	PLANNING		\$ 386,445	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 378,600	\$ 765,045	
<b>5310 Subtotal ►</b>				<b>\$ 1,047,185</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 21,201</b>	<b>\$ -</b>	<b>\$ 597,600</b>	<b>\$ 1,644,785</b>	
SoGR		No Projects Programmed	N/A	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Livability		No Projects Programmed	N/A	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
TIGER		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>	
Other		Operating	N/A	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
<b>Other Subtotal ►</b>				<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	
<b>Total ►</b>				<b>\$ 264,798,478</b>	<b>\$ 54,739</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 21,201</b>	<b>\$ 1,400,000</b>	<b>\$ 66,406,387</b>	<b>\$ 332,659,604</b>	

# 2014 Boston MPO Transportation Improvement Program

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

## Fiscal Constraint Analysis

Federal Funding Source ▼	Programmed ▼	Available ▼	(+/-) ▼		State Funding Source ▼	Programmed ▼	Available ▼	(+/-) ▼	
FFY 14 / 5307	\$ 137,273,720	\$ 137,273,720	\$ -	Available	RTACAP	\$ 54,739	\$ 54,739	\$ -	Available
FFY 14 / 5337	\$ 121,190,546	\$ 121,190,546	\$ -	Available	MAP	\$ -	\$ -	\$ -	Available
FFY 14 / 5339	\$ 5,287,027	\$ 5,287,027	\$ -	Available	ITCCAP	\$ -	\$ -	\$ -	Available
FFY 14 / 5310	\$ 1,047,185	\$ 1,047,185	\$ -	Available	SCA	\$ 1,400,000	\$3,234,526	\$ 1,834,526	Available
					TDC	\$ 21,201			

# 2015 Boston MPO Transportation Improvement Program

Proposed Revision to the Draft FFYs 2014-2017 TIP

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

## ► Section 1A / Federal Aid Target Projects

### ► STP - Surface Transportation Program

606284	BOSTON- IMPROVEMENTS TO COMMONWEALTH AVENUE, FROM AMORY STREET TO ALCORN STREET	6	STP	\$ 7,446,852	\$ 5,957,482	\$ 1,489,370	STP+CMAQ+Earmarks (SAFETEA-LU, Section 125 and 129, STPP, TCSP) Total Cost = \$16,866,250
601630	WEYMOUTH- ABINGTON- RECONSTRUCTION & WIDENING ON ROUTE 18 (MAIN STREET) FROM HIGHLAND PLACE TO ROUTE 139 (4.0 MILES) INCLUDES REHAB OF W-32-013, ROUTE 18 OVER THE OLD COLONY RAILROAD (MBTA)	6	STP-AC	\$ 9,079,388	\$ 7,263,510	\$ 1,815,878	AC Yr 1 of 3; STP+HSIP+TEA-21 Earmark Total Cost = \$40,630,000
STP Subtotal ►				\$ 16,526,240	\$ 13,220,992	\$ 3,305,248	◀ 80% Federal + 20% Non-Federal

### ► NHPP - National Highway Performance Program

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 & W-13-023 (ADD-A-LANE - CONTRACT V)	6	NHPP-AC	\$ 30,000,000	\$ 24,000,000	\$ 6,000,000	AC Yr 3 of 5; NHS+BR+Statewide Infrastructure Total Cost = \$151,333,710 (\$122,291,802 programmed within FFYs 2014-17 TIP)
NHPP Subtotal ►				\$ 30,000,000	\$ 24,000,000	\$ 6,000,000	◀ 80% Federal + 20% Non-Federal

### ► HSIP - Highway Safety Improvement Program

604810	MARLBOROUGH- RECONSTRUCTION OF ROUTE 85 (MAPLE STREET)	3	HSIP	\$ 3,190,122	\$ 2,871,110	\$ 319,012	HSIP+CMAQ Total Cost = \$5,190,122; HSIP pending Road Safety Audit
601630	WEYMOUTH- ABINGTON- RECONSTRUCTION & WIDENING ON ROUTE 18 (MAIN STREET) FROM HIGHLAND PLACE TO ROUTE 139 (4.0 MILES) INCLUDES REHAB OF W-32-013, ROUTE 18 OVER THE OLD COLONY RAILROAD (MBTA)	6	HSIP-AC	\$ 1,000,000	\$ 900,000	\$ 100,000	AC Yr 1 of 3; STP+HSIP+TEA-21 Earmark Total Cost = \$40,630,000
HSIP Subtotal ►				\$ 4,190,122	\$ 3,771,110	\$ 419,012	◀ Funding Split Varies by Project Specifications

# 2015 Boston MPO Transportation Improvement Program

Proposed Revision to the Draft FFYs 2014-2017 TIP

MassDOT Project ID ▼	MassDOT Project Description ▼	MassDOT District ▼	Funding Source ▼	Total Programmed Funds ▼	Federal Funds ▼	Non-Federal Funds ▼	Additional Information ▼
<b>► CMAQ - Congestion Mitigation and Air Quality Improvement Program</b>							
605110	BROOKLINE- INTERSECTION & SIGNAL IMPROVEMENTS @ ROUTE 9 & VILLAGE SQUARE (GATEWAY EAST)	6	CMAQ	\$ 4,375,970	\$ 3,500,776	\$ 875,194	CMAQ+ Private Sector Contribution (\$1,000,000) Total Cost = \$5,375,970
604810	MARLBOROUGH- RECONSTRUCTION OF ROUTE 85 (MAPLE STREET)	3	CMAQ	\$ 2,000,000	\$ 1,600,000	\$ 400,000	HSIP+CMAQ Total Cost = \$5,190,122
606284	BOSTON- IMPROVEMENTS TO COMMONWEALTH AVENUE, FROM AMORY STREET TO ALCORN STREET	6	CMAQ	\$ 5,000,000	\$ 4,000,000	\$ 1,000,000	STP+CMAQ+Earmarks (SAFETEA-LU, Section 125 and 129, STPP, TCSP) Total Cost = \$16,866,250
604652	STONEHAM- WINCHESTER- WOBURN- TRI-COMMUNITY BIKEWAY	4	CMAQ	\$ 2,880,391	\$ 2,304,313	\$ 576,078	CMAQ+TAP Total Cost = \$5,429,710
N/A	INTERSECTION IMPROVEMENT PROGRAM	N/A	CMAQ	\$ 400,000	\$ 320,000	\$ 80,000	
456661	CLEAN AIR AND MOBILITY	N/A	CMAQ	\$ -	\$ -	\$ -	
CMAQ Subtotal ►				\$ 14,656,361	\$ 11,725,089	\$ 2,931,272	◀ 80% Federal + 20% Non-Federal

## ► TAP - Transportation Alternatives Program

604652	STONEHAM- WINCHESTER- WOBURN- TRI-COMMUNITY BIKEWAY	4	TAP	\$ 2,548,719	\$ 2,038,975	\$ 509,744	CMAQ+TAP Total Cost = \$5,429,710; TAP pending application approval
TAP Subtotal ►				\$ 2,548,719	\$ 2,038,975	\$ 509,744	◀ 80% Federal + 20% Non-Federal

## ► Section 1A / Fiscal Constraint Analysis

<b>Total Federal Aid Target Funds Programmed ►</b>	\$ 67,921,442	<b>\$ 67,921,442</b>	<b>◀ Total Target</b>	<b>\$ -</b>	<b>Target Funds Available</b>
Total STP Programmed ►	\$ 16,526,240	\$ 44,485,936	◀ Max. STP	\$ 27,959,696	STP Available
Total NHS Programmed ►	\$ 30,000,000	\$ -	◀ Min. NHS	\$ (30,000,000)	NHS funds are from STP
Total HSIP Programmed ►	\$ 4,190,122	\$ 4,774,123	◀ Min. HSIP	\$ 584,001	HSIP Minimum Not Met
Total CMAQ Programmed ►	\$ 14,656,361	\$ 16,112,664	◀ Min. CMAQ	\$ 1,456,303	CMAQ Minimum Not Met
Total TAP Programmed ►	\$ 2,548,719	\$ 2,548,719	◀ Min. TAP	\$ -	TAP Minimum Met

# 2015 Boston MPO Transportation Improvement Program

Proposed Revision to the Draft FFYs 2014-2017 TIP

MassDOT Project ID ▼	MassDOT Project Description ▼	MassDOT District ▼	Funding Source ▼	Total Programmed Funds ▼	Federal Funds ▼	Non-Federal Funds ▼	Additional Information ▼
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## ► Section 1B / Federal Aid Bridge Projects

607273	FRANKLIN- BRIDGE DEMOLITION, F-08-005, OLD STATE ROUTE 140 OVER MBTA/CSX & NEW PEDESTRAIN BRIDGE CONSTRUCTION	3	BR-ON	\$ 1,780,272	\$ 1,424,218	\$ 356,054	
605883	DEDHAM- BRIDGE REPLACEMENT, D-05-003 (33K), NEEDHAM STREET OVER GREAT DITCH	6	BR-ON	\$ 3,029,032	\$ 2,423,226	\$ 605,806	
603008	WOBURN- BRIDGE REPLACEMENT, W-43-003, SALEM STREET OVER MBTA	4	BR-ON	\$ 5,018,477	\$ 4,014,782	\$ 1,003,695	
607338	GLOUCESTER- BRIDGE PRESERVATION, G-05-017, ROUTE 128 OVER ANNISQUAM RIVER (PHASE II)	4	BR-AC	\$ 8,800,000	\$ 7,040,000	\$ 1,760,000	AC Yr 2 of 2; Total Cost = \$17,250,000
604796	DEDHAM- BRIDGE REPLACEMENT, D-05-033, PROVIDENCE HIGHWAY OVER MOTHER BROOK	6	BR-AC	\$ 5,009,550	\$ 4,007,640	\$ 1,001,910	AC Yr 2 of 2; Total Cost = \$10,868,550
600867	BOSTON- BRIDGE REPLACEMENT, B-16-237, MASSACHUSETTS AVENUE (ROUTE 2A) OVER COMMONWEALTH AVENUE	6	BR-AC	\$ 2,916,000	\$ 2,332,800	\$ 583,200	AC Yr 1 of 3; Total Cost = \$18,016,000
600703	LEXINGTON- BRIDGE REPLACEMENT, L-10-009, ROUTE 2 (EB & WB) OVER ROUTE I-95 (ROUTE 128)	4	BR-AC	\$ 13,200,000	\$ 10,560,000	\$ 2,640,000	AC Yr 3 of 4; Total Cost = \$35,108,000
BR Subtotal ►				\$ 39,753,331	\$ 31,802,665	\$ 7,950,666	◀ 80% Federal + 20% Non-Federal

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

### ► Earmarks

601630	WEYMOUTH- ABINGTON- RECONSTRUCTION & WIDENING ON ROUTE 18 (MAIN STREET) FROM HIGHLAND PLACE TO ROUTE 139 (4.0 MILES) INCLUDES REHAB OF W-32-013, ROUTE 18 OVER THE OLD COLONY RAILROAD (MBTA)	6	HPP (1998)	\$ 3,420,612	\$ 2,736,490	\$ 684,122	Construction; HPP 1236; AC Yr 1 of 3; STP+HSIP+TEA-21 Earmark Total Cost = \$40,630,000
605789	BOSTON- RECONSTRUCTION OF MELNEA CASS BOULEVARD (HPP 756 & 4284)	6	HPP (2005)	\$ 2,429,730	\$ 1,943,784	\$ 485,946	Construction; HPP 756; SAFETEA-LU Earmark (HPP 756)+ SAFETEA-LU Earmark (HPP 4284) =Total Cost \$7,437,105
605789	BOSTON- RECONSTRUCTION OF MELNEA CASS BOULEVARD (HPP 756 & 4284)	6	HPP (2005)	\$ 5,007,375	\$ 4,005,900	\$ 1,001,475	Construction; HPP 4284; SAFETEA-LU Earmark (HPP 756)+ SAFETEA-LU Earmark (HPP 4284) =Total Cost \$7,437,105
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

# 2015 Boston MPO Transportation Improvement Program

Proposed Revision to the Draft FFYs 2014-2017 TIP

MassDOT Project ID ▼	MassDOT Project Description ▼	MassDOT District ▼	Funding Source ▼	Total Programmed Funds ▼	Federal Funds ▼	Non-Federal Funds ▼	Additional Information ▼
<b>► Earmarks (cont.)</b>							
606284	BOSTON- IMPROVEMENTS TO COMMONWEALTH AVENUE, FROM AMORY STREET TO ALCORN STREET	6	HPP (2005)	\$ 1,114,501	\$ 891,601	\$ 222,900	Construction; HPP 682; STP+CMAQ+Earmarks (SAFETEA-LU, Sections 125 and 129, STPP, TCSP) Total Cost = \$16,866,250
606284	BOSTON- IMPROVEMENTS TO COMMONWEALTH AVENUE, FROM AMORY STREET TO ALCORN STREET	6	§ 129 (2008)	\$ 980,000	\$ 980,000	\$ -	Construction; Section 129 (MA246); STP+CMAQ+Earmarks (SAFETEA-LU, Sections 125 and 129, STPP, TCSP) Total Cost = \$16,866,250
606284	BOSTON- IMPROVEMENTS TO COMMONWEALTH AVENUE, FROM AMORY STREET TO ALCORN STREET	6	§ 125 (2009)	\$ 475,000	\$ 475,000	\$ -	Construction; Section 125 (MA252); STP+CMAQ+Earmarks (SAFETEA-LU, Sections 125 and 129, STPP, TCSP) Total Cost = \$16,866,250
606284	BOSTON- IMPROVEMENTS TO COMMONWEALTH AVENUE, FROM AMORY STREET TO ALCORN STREET	6	STPP (2010)	\$ 599,897	\$ 599,897	\$ -	Construction; STPP (MA267); STP+CMAQ+Earmarks (SAFETEA-LU, Sections 125 and 129, STPP, TCSP) Total Cost = \$16,866,250
606284	BOSTON- IMPROVEMENTS TO COMMONWEALTH AVENUE, FROM AMORY STREET TO ALCORN STREET	6	TCSP	\$ 1,250,000	\$ 1,000,000	\$ 250,000	Construction; TCSP (11MA008); STP+CMAQ+Earmarks (SAFETEA-LU, Sections 125 and 129, STPP, TCSP) Total Cost = \$16,866,250
Earmarks Subtotal ►				\$ 15,805,118	\$ 12,935,095	\$ 2,870,024	◀ Funding Split Varies by Earmark
<b>► Other</b>							
No Projects Programmed				\$ -	\$ -	\$ -	
Other Subtotal ►				\$ -	\$ -	\$ -	◀ Funding Split Varies by Funding Source
<b>► Section 1D / Federal Aid Major &amp; State Category Projects</b>							
<b>► IM - Interstate Maintenance</b>							
No Projects Programmed			IM	\$ -	\$ -	\$ -	
IM Subtotal ►				\$ -	\$ -	\$ -	◀ 90% Federal + 10% Non-Federal
<b>► NHPP - National Highway Performance Program</b>							
607174	CHELSEA- REVERE- RESURFACING & RELATED WORK ON ROUTE 1	6	NHPP	\$ 8,643,660	\$ 6,914,928	\$ 1,728,732	
NHPP Subtotal ►				\$ 8,643,660	\$ 6,914,928	\$ 1,728,732	◀ 80% Federal + 20% Non-Federal

# 2015 Boston MPO Transportation Improvement Program

Proposed Revision to the Draft FFYs 2014-2017 TIP

MassDOT Project ID ▼	MassDOT Project Description ▼	MassDOT District ▼	Funding Source ▼	Total Programmed Funds ▼	Federal Funds ▼	Non-Federal Funds ▼	Additional Information ▼
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► **SRTS - Safe Routes to School Program**

1525	MILTON- SAFE ROUTES TO SCHOOL (GLOVER ELEMENTARY SCHOOL)	6	SRTS	\$ 624,520	\$ 499,616	\$ 124,904	
1529	SAUGUS- SAFE ROUTES TO SCHOOL (VETERANS MEMORIAL)	4	SRTS	\$ 432,000	\$ 345,600	\$ 86,400	
1528	SOMERVILLE- SAFE ROUTES TO SCHOOL (HEALEY SCHOOL)	4	SRTS	\$ 768,960	\$ 615,168	\$ 153,792	
SRTS Subtotal ►				\$ 1,825,480	\$ 1,460,384	\$ 365,096	◀ Funding Split Varies by Project Specifications

► **Statewide Infrastructure Program**

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

► **Statewide Intelligent Transportation Systems**

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

► **Statewide CMAQ - Statewide Congestion Mitigation and Air Quality Program**

604531	ACTON- MAYNARD- ASSABET RIVER RAIL TRAIL	3	Statewide CMAQ	\$ 4,714,428	\$ 3,771,542	\$ 942,886	cost increase of \$213,066; was \$4,501,362
Statewide CMAQ Subtotal ►				\$ 4,714,428	\$ 3,771,542	\$ 942,886	◀ 80% Federal + 20% Non-Federal

► **Other**

N/A	ACCELERATED BRIDGE PROGRAM- BRIDGE	N/A	Other	\$ 150,000,000	\$ -	\$ -	Accelerated Bridge Program (ABP) GANs payments begin in FFY 2015
Other Subtotal ►				\$ 150,000,000	\$ -	\$ -	◀ Funding Split Varies by Funding Source

# 2015 Boston MPO Transportation Improvement Program

Proposed Revision to the Draft FFYs 2014-2017 TIP

MassDOT Project ID ▼	MassDOT Project Description ▼	MassDOT District ▼	Funding Source ▼	Total Programmed Funds ▼	Federal Funds ▼	Non-Federal Funds ▼	Additional Information ▼
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## ► Section 2A / Non-Federal Projects

N/A	GREEN LINE EXTENSION PROJECT- EXTENSION TO COLLEGE AVENUE WITH THE UNION SQUARE SPUR	N/A	Other	\$ 244,428,000		\$ 244,428,000	The Green Line Extension project is currently in the New Starts pipeline and the Commonwealth anticipates a decision in a Full Funding Grant Agreement in FFY 2015. The cash flows for the project, therefore, provide 100% bond funding for FFYs 2013-14 and begin programming New Starts funding in FFY 2015. The Commonwealth is committed to fully funding this project with bond funds if New Starts is not awarded.
N/A	FAIRMOUNT IMPROVEMENTS	N/A	Other	\$ 6,922,845		\$ 6,922,845	Lists cash flows (based on state fiscal year) for Fairmount Improvements
N/A	RED LINE-BLUE LINE CONNECTOR DESIGN	N/A	Other	\$ 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.
606146	CANTON- NORWOOD- WESTWOOD- RAMP CONSTRUCTION ON I-95 (NB) & IMPROVEMENTS ON CANTON STREET/DEDHAM STREET, INCLUDES REPLACEMENT OF C-02-034, REHAB OF C-02-024, C-02-002=N-25-016=W-31-002 & 5 SIGNALIZED INTERSECTIONS	5/6	Other	\$ 38,000,000		\$ 38,000,000	Non-federal aid; MassDOT applied for a Transportation Investment Generating Economic Recovery (TIGER) Discretionary Grant to help fund the project. The project may move up to FFY 2014 if the TIGER Grant is awarded.
Non-Federal Projects Subtotal ►				\$ 318,350,845		\$ 318,350,845	◀100% Non-Federal

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

No Projects Programmed				\$ -		\$ -	
Non-Federal Bridge Projects Subtotal ►				\$ -		\$ -	◀100% Non-Federal



# 2015 Boston MPO Transportation Improvement Program

Proposed Revision to the Draft FFYs 2014-2017 TIP

MassDOT Project ID ▼	MassDOT Project Description ▼	MassDOT District ▼	Funding Source ▼	Total Programmed Funds ▼	Federal Funds ▼	Non-Federal Funds ▼	Additional Information ▼
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# 2015 Boston MPO TIP Summary - Highway

	TIP Section 1: ▼	TIP Section 2: ▼	Total of All Projects ▼	
Total ▶	\$ 138,663,459	\$ -	\$ 138,663,459	◀ Total Spending in Region
Federal Funds ▶	\$ 111,640,780		\$ 111,640,780	◀ Total Federal Spending in Region
Non-Federal Funds ▶	\$ 27,022,680	\$ -	\$ 27,022,680	◀ 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>

# 2015 Boston MPO Transportation Improvement Program

FTA Program ▼	Regional Transit Authority ▼	Project Description ▼	Carryover or Earmark Details ▼	Federal Funds ▼	State Match Sources					RTA Funds ▼	Total Cost ▼	Additional Information ▼
					RTACAP ▼	MAP ▼	ITCCAP ▼	TDC ▼	SCA ▼			
5307	MBTA	PREVENTIVE MAINTENANCE		\$ 12,000,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 3,000,000	\$ 15,000,000	
5307	MBTA	HEAVY RAIL CARS - Red/Orange Lines		\$ 64,000,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 16,000,000	\$ 80,000,000	
5307	MBTA	Government Center (Blue Line Modernization)		\$ 32,761,068	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 8,190,267	\$ 40,951,335	
5307	MBTA	Elevators/Escalators		\$ 25,924,448	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 6,481,112	\$ 32,405,560	
5307	CATA	CONSTRUCT - MISC. EQUIPMENT		\$ 188,157	\$ 63,040	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 251,197	
5307	CATA	PREVENTIVE MAINTENANCE		\$ 325,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 81,250	\$ 406,250	
5307	MWRTA	PURCHASE SIGNAGE	2014	\$ 5,878	\$ 1,470	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 7,348	
5307	MWRTA	ACQUIRE - MOBILE SURV/SECURITY EQUIP	2014	\$ 10,000	\$ 2,500	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 12,500	
5307	MWRTA	ACQUISITION OF BUS SUPPORT EQUIP/FACILITIES	2014	\$ 20,000	\$ 5,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 25,000	
5307	MWRTA	NON FIXED ROUTE ADA PARA SERV	2014	\$ 900,000	\$ -	\$ -	\$ -	\$ -	\$ 900,000	\$ -	\$ 1,800,000	
<b>5307 Subtotal ►</b>				<b>\$ 136,134,551</b>	<b>\$ 72,010</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 900,000</b>	<b>\$ 33,752,629</b>	<b>\$ 170,859,190</b>	
5337	MBTA	Bridge & Tunnel Program		\$ 60,000,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 15,000,000	\$ 75,000,000	
5337	MBTA	Stations & Facilities (T-GAPS)		\$ 40,000,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 10,000,000	\$ 50,000,000	
5337	MBTA	Systems Upgrades		\$ 21,190,546	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 5,297,637	\$ 26,488,183	
<b>5337 Subtotal ►</b>				<b>\$ 121,190,546</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 30,297,637</b>	<b>\$ 151,488,183</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>	

# 2015 Boston MPO Transportation Improvement Program

FTA Program ▼	Regional Transit Authority ▼	Project Description ▼	Carryover or Earmark Details ▼	Federal Funds ▼	State Match Sources					RTA Funds ▼	Total Cost ▼	Additional Information ▼
					RTACAP ▼	MAP ▼	ITCCAP ▼	TDC ▼	SCA ▼			
SoGR		No Projects Programmed	N/A	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Livability		No Projects Programmed	N/A	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
TIGER		No Projects Programmed	N/A	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
<b>Grants Subtotal ▶</b>				\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Other	CATA	VAN	N/A	\$ -	\$ 250,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 250,000	
Other	CATA	BUY REPLACEMENTS - CAPITOL BUS	N/A	\$ -	\$ 350,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 350,000	
<b>Other Subtotal ▶</b>				\$ -	\$ 600,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 600,000	
<b>Total ▶</b>				\$262,612,124	\$ 672,010	\$ -	\$ -	\$ -	\$ 900,000	\$ 65,372,023	\$329,556,157	

## Fiscal Constraint Analysis

Federal Funding Source ▼	Programmed ▼	Available ▼	(+/-) ▼	State Funding Source ▼	Programmed ▼	Available ▼	(+/-) ▼
FFY 15 / 5307	\$ 136,134,551	\$ 136,134,551	\$ - Available	RTACAP	\$ 672,010	\$ 672,010	\$ - Available
FFY 15 / 5337	\$ 121,190,546	\$ 121,190,546	\$ - Available	MAP	\$ -	\$ -	\$ - Available
FFY 15 / 5339	\$ 5,287,027	\$ 5,287,027	\$ - Available	ITCCAP	\$ -	\$ -	\$ - Available
FFY 15 / 5310	\$ -	\$ -	\$ - Available	SCA	\$ 900,000	\$ 3,234,526	\$ 2,334,526 Available
				TDC	\$ -		

# 2016 Boston MPO Transportation Improvement Program

Proposed Revision to the Draft FFYs 2014-2017 TIP

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

## ► Section 1A / Federal Aid Target Projects

### ► STP - Surface Transportation Program

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	STP+ Northern Middlesex Council of Governments contribution (\$1,000,000) Total Cost = \$22,691,442
605657	MEDWAY- RECONSTRUCTION ON ROUTE 109, FROM HOLLISTON STREET TO 100 FT. WEST OF HIGHLAND STREET, INCLUDES REHAB OF M-13-012	3	STP	\$ 726,850	\$ 581,480	\$ 145,370	STP+HSIP+CMAQ+TAP Total Cost = \$11,275,569
601630	WEYMOUTH- ABINGTON- RECONSTRUCTION & WIDENING ON ROUTE 18 (MAIN STREET) FROM HIGHLAND PLACE TO ROUTE 139 (4.0 MILES) INCLUDES REHAB OF W-32-013, ROUTE 18 OVER THE OLD COLONY RAILROAD (MBTA)	6	STP-AC	\$ 7,883,133	\$ 6,306,506	\$ 1,576,627	AC Yr 2 of 3; STP+HSIP+TEA-21 Earmark Total Cost = \$40,630,000
STP Subtotal ►				\$ 30,301,425	\$ 24,241,140	\$ 6,060,285	◀ 80% Federal + 20% Non-Federal

### ► NHPP - National Highway Performance Program

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 & W-13-023 (ADD-A-LANE - CONTRACT V)	6	NHPP-AC	\$ 25,625,150	20,500,120	5,125,030	cost adjustment of \$1,125,150; AC Yr 4 of 5; NHS+BR+Statewide Infrastructure Total Cost = \$151,333,710 (\$122,291,802 programmed within FFYs 2014-17 TIP); was \$24,500,000
NHPP Subtotal ►				\$ 25,625,150	\$ 20,500,120	\$ 5,125,030	◀ 80% Federal + 20% Non-Federal

### ► HSIP - Highway Safety Improvement Program

605657	MEDWAY- RECONSTRUCTION ON ROUTE 109, FROM HOLLISTON STREET TO 100 FT. WEST OF HIGHLAND STREET, INCLUDES REHAB OF M-13-012	3	HSIP	\$ 3,000,000	\$ 2,700,000	\$ 300,000	STP+HSIP+CMAQ+TAP Total Cost = \$11,275,569; HSIP pending Road Safety Audit
HSIP Subtotal ►				\$ 3,000,000	\$ 2,700,000	\$ 300,000	◀ Funding Split Varies by Project Specifications

# 2016 Boston MPO Transportation Improvement Program

Proposed Revision to the Draft FFYs 2014-2017 TIP

MassDOT Project ID ▼	MassDOT Project Description ▼	MassDOT District ▼	Funding Source ▼	Total Programmed Funds ▼	Federal Funds ▼	Non-Federal Funds ▼	Additional Information ▼
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► **CMAQ - Congestion Mitigation and Air Quality Improvement Program**

605657	MEDWAY- RECONSTRUCTION ON ROUTE 109, FROM HOLLISTON STREET TO 100 FT. WEST OF HIGHLAND STREET, INCLUDES REHAB OF M-13-012	3	CMAQ	\$ 5,000,000	\$ 4,000,000	\$ 1,000,000	STP+HSIP+CMAQ+TAP Total Cost = \$11,275,569
1569	GREEN LINE EXTENSION PROJECT (PHASE II), MEDFORD HILLSIDE (COLLEGE AVENUE) TO MYSTIC VALLEY PARKWAY/ROUTE 16	N/A	CMAQ-AC	\$ 8,100,000	\$ 6,480,000	\$ 1,620,000	Yr 1 of 6; CMAQ+STP Total Cost = \$190,100,000 (\$38,000,000 programmed within FFYs 2014-17 TIP)
456661	CLEAN AIR AND MOBILITY		CMAQ	\$ 374,850	\$ 299,880	\$ 74,970	cost decrease of \$1,125,150; was \$1,500,000
CMAQ Subtotal ►				\$ 13,474,850	\$ 10,779,880	\$ 2,694,970	◀ 80% Federal + 20% Non-Federal

► **TAP - Transportation Alternatives Program**

605657	MEDWAY- RECONSTRUCTION ON ROUTE 109, FROM HOLLISTON STREET TO 100 FT. WEST OF HIGHLAND STREET, INCLUDES REHAB OF M-13-012	3	TAP	\$ 2,548,719	\$ 2,038,975	\$ 509,744	STP+HSIP+CMAQ+TAP Total Cost = \$11,275,569; pending TAP approval
TAP Subtotal ►				\$ 2,548,719	\$ 2,038,975	\$ 509,744	◀ 80% Federal + 20% Non-Federal

► **Section 1A / Fiscal Constraint Analysis**

Total Federal Aid Target Funds Programmed ►	\$ 74,950,144	\$ 74,950,144	◀ Total Target	\$ -	Target Funds Available
Total STP Programmed ►	\$ 30,301,425	\$ 51,514,638	◀ Max. STP	\$ 21,213,213	STP Available
Total NHS Programmed ►	\$ 25,625,150	\$ -	◀ Min. NHS	\$ (25,625,150)	NHS funds are from STP
Total HSIP Programmed ►	\$ 3,000,000	\$ 4,774,123	◀ Min. HSIP	\$ 1,774,123	HSIP Minimum Not Met
Total CMAQ Programmed ►	\$ 13,474,850	\$ 16,112,664	◀ Min. CMAQ	\$ 2,637,814	CMAQ Minimum Not Met
Total TAP Programmed ►	\$ 2,548,719	\$ 2,548,719	◀ Min. TAP	\$ -	TAP Minimum Met

# 2016 Boston MPO Transportation Improvement Program

Proposed Revision to the Draft FFYs 2014-2017 TIP

MassDOT Project ID ▼	MassDOT Project Description ▼	MassDOT District ▼	Funding Source ▼	Total Programmed Funds ▼	Federal Funds ▼	Non-Federal Funds ▼	Additional Information ▼
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## ► Section 1B / Federal Aid Bridge Projects

606632	HOPKINTON- WESTBOROUGH- BRIDGE REPLACEMENT, H-23-006=W-24-016, FRUIT STREET OVER CSX & SUDBURY RIVER	3	BR-OFF	\$ 9,396,713	\$ 7,517,370	\$ 1,879,343	
607133	QUINCY- BRIDGE REPLACEMENT, ROBERTSON STREET OVER I-93/US 1/SR 3	6	BR-OFF	\$ 4,928,663	\$ 3,942,930	\$ 985,733	
607345	COHASSET- SUPERSTRUCTURE REPLACEMENT & SUBSTRUCTURE REHABILITATION, C-17-002, ATLANTIC AVENUE OVER LITTLE HARBOR INLET	5	BR-OFF	\$ 5,044,568	\$ 4,035,654	\$ 1,008,914	
604173	BOSTON- BRIDGE REHABILITATION, B-16-016, NORTH WASHINGTON STREET OVER THE CHARLES RIVER	6	BR-AC	\$ 5,001,881	\$ 4,001,505	\$ 1,000,376	AC Yr 1; Total Cost = \$69,501,881 (\$21,001,881 programmed within FFYs 2014-17 TIP)
600867	BOSTON- BRIDGE REPLACEMENT, B-16-237, MASSACHUSETTS AVENUE (ROUTE 2A) OVER COMMONWEALTH AVENUE	6	BR-AC	\$ 9,100,000	\$ 7,280,000	\$ 1,820,000	AC Yr 2 of 3; Total Cost = \$18,016,000
600703	LEXINGTON- BRIDGE REPLACEMENT, L-10-009, ROUTE 2 (EB & WB) OVER ROUTE I-95 (ROUTE 128)	4	BR-AC	\$ 5,108,000	\$ 4,086,400	\$ 1,021,600	AC Yr 4 of 4; Total Cost = \$35,108,000
BR Subtotal ►				\$ 38,579,825	\$ 30,863,860	\$ 7,715,965	◀ 80% Federal + 20% Non-Federal

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

### ► Earmarks

601630	WEYMOUTH- ABINGTON- RECONSTRUCTION & WIDENING ON ROUTE 18 (MAIN STREET) FROM HIGHLAND PLACE TO ROUTE 139 (4.0 MILES) INCLUDES REHAB OF W-32-013, ROUTE 18 OVER THE OLD COLONY RAILROAD (MBTA)	6	HPP (1998)	\$ 5,746,867	\$ 4,597,494	\$ 1,149,373	Construction; HPP 1236; AC Yr 2 of 3; STP+HSIP+TEA-21 Earmark Total Cost = \$40,630,000
Earmarks Subtotal ►				\$ 5,746,867	\$ 4,597,494	\$ 1,149,373	◀ Funding Split Varies by Earmark

### ► Other

No Projects Programmed				\$ -	\$ -	\$ -	
Other Subtotal ►				\$ -	\$ -	\$ -	◀ Funding Split Varies by Funding Source

# 2016 Boston MPO Transportation Improvement Program

Proposed Revision to the Draft FFYs 2014-2017 TIP

MassDOT Project ID ▼	MassDOT Project Description ▼	MassDOT District ▼	Funding Source ▼	Total Programmed Funds ▼	Federal Funds ▼	Non-Federal Funds ▼	Additional Information ▼
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## ► Section 1D / Federal Aid Major & State Category Projects

### ► IM - Interstate Maintenance

606176	FOXBOROUGH- PLAINVILLE- WRENTHAM- INTERSTATE MAINTENANCE & RELATED WORK ON I-495 (NB & SB)	3	IM	\$ 15,257,117	\$ 13,731,405	\$ 1,525,712	
606546	FRANKLIN- INTERSTATE MAINTENANCE & RELATED WORK ON I-495	3	IM	\$ 5,505,408	\$ 4,954,867	\$ 550,541	
IM Subtotal ►				\$ 20,762,525	\$ 18,686,273	\$ 2,076,253	◀ 90% Federal + 10% Non-Federal

### ► NHPP - National Highway Performance Program

No Projects Programmed			NHPP	\$ -	\$ -	\$ -	
NHPP Subtotal ►				\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal

### ► SRTS - Safe Routes to School Program

1594	WATERTOWN- SAFE ROUTES TO SCHOOL (HOSMER ELEMENTARY)	4	SRTS	\$ 650,000	\$ 520,000	\$ 130,000	
1595	EVERETT- SAFE ROUTES TO SCHOOL (MADELAINE ENGLISH)	4	SRTS	\$ 650,000	\$ 520,000	\$ 130,000	
1596	REVERE- SAFE ROUTES TO SCHOOL (GARFIELD ELEMENTARY & MIDDLE SCHOOL)	4	SRTS	\$ 650,000	\$ 520,000	\$ 130,000	
SRTS Subtotal ►				\$ 1,950,000	\$ 1,560,000	\$ 390,000	◀ Funding Split Varies by Project Specifications

### ► Statewide Infrastructure Program

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

### ► Statewide Intelligent Transportation Systems

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

# 2016 Boston MPO Transportation Improvement Program

Proposed Revision to the Draft FFYs 2014-2017 TIP

MassDOT Project ID ▼	MassDOT Project Description ▼	MassDOT District ▼	Funding Source ▼	Total Programmed Funds ▼	Federal Funds ▼	Non-Federal Funds ▼	Additional Information ▼
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► **Statewide CMAQ - Statewide Congestion Mitigation and Air Quality Program**

601579	WAYLAND- SIGNAL & INTERSECTION IMPROVEMENTS AT ROUTE 27 (MAIN STREET) AND ROUTE 30 (COMMONWEALTH ROAD)	3	Statewide CMAQ	\$ 1,980,616	\$ 1,584,493	\$ 396,123	cost decrease of \$73,356; was \$2,053,972
602165	STONEHAM- SIGNAL & INTERSECTION IMPROVEMENTS AT ROUTE 28/NORTH STREET	4	Statewide CMAQ	\$ 3,394,073	\$ 2,715,258	\$ 678,815	cost decrease of \$125,706; was \$3,519,779
602462	HOLLISTON- SIGNAL INSTALLATION AT ROUTE 16/126 AND OAK STREET	3	Statewide CMAQ	\$ 1,080,000	\$ 864,000	\$ 216,000	cost decrease of \$40,000; was \$1,120,000
605189	CONCORD- BRUCE FREEMAN RAIL TRAIL CONSTRUCTION (PHASE II-C)	4	Statewide CMAQ	\$ 5,975,191	\$ 4,780,153	\$ 1,195,038	cost decrease of \$221,303; was \$6,196,494
606316	BROOKLINE- PEDESTRIAN BRIDGE REHABILITATION, B-27-016, OVER MBTA OFF	6	Statewide CMAQ	\$ 2,071,988	\$ 1,657,590	\$ 414,398	
Statewide CMAQ Subtotal ►				\$ 14,501,868	\$ 11,601,494	\$ 2,900,374	◀ 80% Federal + 20% Non-Federal

► **Other**

N/A	ACCELERATED BRIDGE PROGRAM- BRIDGE	N/A	Other	\$ 150,000,000	\$ -	\$ -	Year 2 of 8 of GANS payments for ABP
Other Subtotal ►				\$ 150,000,000	\$ -	\$ -	◀ Funding Split Varies by Funding Source

► **Section 2A / Non-Federal Projects**

N/A	GREEN LINE EXTENSION PROJECT- EXTENSION TO COLLEGE AVENUE WITH THE UNION SQUARE SPUR	N/A	Other	\$ 429,584,000		\$ 329,584,000	The Green Line Extension project is currently in the New Starts pipeline and the Commonwealth anticipates a decision in a Full Funding Grant Agreement in FFY 2015. The cash flows for the project, therefore, provide 100% bond funding for FFYs 2013-14 and begin programming New Starts funding in FFY 2015. The Commonwealth is committed to fully funding this project with bond funds if New Starts is not awarded.
N/A	RED LINE-BLUE LINE CONNECTOR DESIGN	N/A	Other	\$ 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.
87790	CANTON- DEDHAM- NORWOOD- WESTWOOD- INTERCHANGE IMPROVEMENTS AT I-95/I-93/ UNIVERSITY AVENUE/I-95 WIDENING	5/6	Other	\$ 190,000,000		\$ 190,000,000	Non-federal aid
Non-Federal Projects Subtotal ►				\$ 629,584,000		\$ 529,584,000	◀ 100% Non-Federal



# 2016 Boston MPO Transportation Improvement Program

Proposed Revision to the Draft FFYs 2014-2017 TIP

MassDOT Project ID ▼	MassDOT Project Description ▼	MassDOT District ▼	Funding Source ▼	Total Programmed Funds ▼	Federal Funds ▼	Non-Federal Funds ▼	Additional Information ▼
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## ► Section 2B / Non-Federal Bridge Projects

No Projects Programmed				\$ -		\$ -	
Non-Federal Bridge Projects Subtotal ►				\$ -		\$ -	◀ 100% Non-Federal

# 2016 Boston MPO TIP Summary - Highway

	TIP Section 1: ▼	TIP Section 2: ▼	Total of All Projects ▼	
Total ►	\$ 156,491,229	\$ -	\$ 156,491,229	◀ Total Spending in Region
Federal Funds ►	\$ 127,569,236		\$ 127,569,236	◀ Total Federal Spending in Region
Non-Federal Funds ►	\$ 28,921,993	\$ -	\$ 28,921,993	◀ 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 MPO Transportation Improvement Program

FTA Program ▼	Regional Transit Authority ▼	Project Description ▼	Carryover or Earmark Details ▼	Federal Funds ▼	State Match Sources					RTA Funds ▼	Total Cost ▼	Additional Information ▼
					RTACAP ▼	MAP ▼	ITCCAP ▼	TDC ▼	SCA ▼			
5307	MBTA	PREVENTIVE MAINTENANCE		\$ 12,000,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 3,000,000	\$ 15,000,000	
5307	MBTA	HEAVY RAIL CARS - Red/Orange Lines		\$ 64,000,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 16,000,000	\$ 80,000,000	
5307	MBTA	Systems Upgrades		\$ 58,685,516	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 14,671,379	\$ 73,356,895	
5307	CATA	ACQUIRE - SUPPORT VEHICLES		\$ 24,000	\$ 6,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 30,000	
5307	CATA	REHAB/RENOVATE BUS SUPPORT FACIL/EQUIP		\$ 112,000	\$ 28,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 140,000	
5307	CATA	REHAB/RENOVATE - SHOP EQUIPMENT		\$ 32,000	\$ 8,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 40,000	
5307	CATA	PREVENTIVE MAINTENANCE		\$ 325,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 81,250	\$ 406,250	
5307	MWRTA	PURCHASE SIGNAGE	2015	\$ 5,878	\$ 1,470	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 7,348	
5307	MWRTA	ACQUISITION OF BUS SUPPORT EQUIP/FACILITIES	2015	\$ 20,000	\$ 5,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 25,000	
5307	MWRTA	ACQUIRE - MOBILE SURV/SECURITY EQUIP	2015	\$ 10,000	\$ 2,500	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 12,500	
5307	MWRTA	NON FIXED ROUTE ADA PARA SERV	2015	\$ 800,000	\$ -	\$ -	\$ -	\$ -	\$ 800,000	\$ -	\$ 1,600,000	
<b>5307 Subtotal ►</b>				<b>\$ 136,014,394</b>	<b>\$ 50,970</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 800,000</b>	<b>\$ 33,752,629</b>	<b>\$ 170,617,993</b>	
5337	MBTA	Bridge & Tunnel Program		\$ 85,000,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 21,250,000	\$ 106,250,000	
5337	MBTA	Stations & Facilities (T-GAPS)		\$ 16,000,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 4,000,000	\$ 20,000,000	
5337	MBTA	Systems Upgrades		\$ 20,190,546	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 5,047,637	\$ 25,238,183	
<b>5337 Subtotal ►</b>				<b>\$ 121,190,546</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 30,297,637</b>	<b>\$ 151,488,183</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 MPO Transportation Improvement Program

FTA Program ▼	Regional Transit Authority ▼	Project Description ▼	Carryover or Earmark Details ▼	Federal Funds ▼	State Match Sources					RTA Funds ▼	Total Cost ▼	Additional Information ▼
					RTACAP ▼	MAP ▼	ITCCAP ▼	TDC ▼	SCA ▼			
SoGR		No Projects Programmed	N/A	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Livability		No Projects Programmed	N/A	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
TIGER		No Projects Programmed	N/A	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
<b>Grants Subtotal ►</b>				\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Other	CATA	BUY EXPANSION - CAPITOL BUS	N/A	\$ -	\$ 900,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 900,000	
<b>Other Subtotal ►</b>				\$ -	\$ 900,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 900,000	
<b>Total ►</b>				\$ 262,491,967	\$ 950,970	\$ -	\$ -	\$ -	\$ 800,000	\$ 65,372,023	\$ 329,614,960	

## Fiscal Constraint Analysis

Federal Funding Source ▼	Programmed ▼	Available ▼	(+/-) ▼	State Funding Source ▼	Programmed ▼	Available ▼	(+/-) ▼
FFY 16 / 5307	\$ 136,014,394	\$ 136,014,394	\$ - Available	RTACAP	\$ 950,970	\$ 950,970	\$ - Available
FFY 16 / 5337	\$ 121,190,546	\$ 121,190,546	\$ - Available	MAP	\$ -	\$ -	\$ - Available
FFY 16 / 5339	\$ 5,287,027	\$ 5,287,027	\$ - Available	ITCCAP	\$ -	\$ -	\$ - Available
FFY 16 / 5310	\$ -	\$ -	\$ - Available	SCA	\$ 800,000	\$ 3,234,526	\$ 2,434,526 Available
				TDC	\$ -		

# 2017 Boston MPO Transportation Improvement Program

Proposed Revision to the Draft FFYs 2014-2017 TIP

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

## ► Section 1A / Federal Aid Target Projects

### ► STP - Surface Transportation Program

<b>601630</b>	WEYMOUTH- ABINGTON- RECONSTRUCTION & WIDENING ON ROUTE 18 (MAIN STREET) FROM HIGHLAND PLACE TO ROUTE 139 (4.0 MILES) INCLUDES REHAB OF W-32-013, ROUTE 18 OVER THE OLD COLONY RAILROAD (MBTA)	6	STP-AC	\$ 7,895,719	\$ 6,316,575	\$ 1,579,144	AC Yr 3 of 3; STP+HSIP+TEA-21 Earmark Total Cost = \$40,630,000
<b>N/A</b>	GREEN LINE EXTENSION PROJECT (PHASE II), MEDFORD HILLSIDE (COLLEGE AVENUE) TO MYSTIC VALLEY PARKWAY/ROUTE 16	N/A	STP-AC	\$ 9,327,291	\$ 7,461,833	\$ 1,865,458	CMAQ+STP Total Cost = \$190,100,000 (\$38,000,000 programmed with FFYs 2014-17 TIP)
<b>604989</b>	SOUTHBOROUGH- RECONSTRUCTION OF MAIN STREET (RTE 30), FROM SEARS ROAD TO PARK STREET	3	STP	\$ 5,025,260	\$ 4,020,208	\$ 1,005,052	
STP Subtotal ►				\$ 22,248,270	\$ 17,798,616	\$ 4,449,654	◀ 80% Federal + 20% Non-Federal

### ► NHPP - National Highway Performance Program

<b>603711</b>	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 & W-13-023 (ADD-A-LANE - CONTRACT V)	6	NHPP-AC	\$ 21,836,372	17,469,098	4,367,274	AC Yr 5 of 5; NHS+BR+Statewide Infrastructure Total Cost = \$151,333,710 (\$122,291,802 programmed within FFYs 2014-17 TIP)
NHPP Subtotal ►				\$ 21,836,372	\$ 17,469,098	\$ 4,367,274	◀ 80% Federal + 20% Non-Federal

### ► HSIP - Highway Safety Improvement Program

<b>604935</b>	WOBURN- RECONSTRUCTION OF MONTVALE AVENUE, FROM I-93 INTERCHANGE TO CENTRAL STREET (APPROX. 1,850 FT)	4	HSIP	\$ 4,752,838	\$ 4,277,554	\$ 475,284	HSIP pending Road Safety Audit
HSIP Subtotal ►				\$ 4,752,838	\$ 4,277,554	\$ 475,284	◀ Funding Split Varies by Project Specifications

# 2017 Boston MPO Transportation Improvement Program

Proposed Revision to the Draft FFYs 2014-2017 TIP

MassDOT Project ID ▼	MassDOT Project Description ▼	MassDOT District ▼	Funding Source ▼	Total Programmed Funds ▼	Federal Funds ▼	Non-Federal Funds ▼	Additional Information ▼
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## ► CMAQ - Congestion Mitigation and Air Quality Improvement Program

N/A	GREEN LINE EXTENSION PROJECT (PHASE II), MEDFORD HILLSIDE (COLLEGE AVENUE) TO MYSTIC VALLEY PARKWAY/ROUTE 16	N/A	CMAQ-AC	\$ 20,572,709	\$ 16,458,167	\$ 4,114,542	Yr 2 of 6; CMAQ+STP Total Cost = \$190,100,000 (\$38,000,000 programmed within FFYs 2014-17 TIP)
606460	BOSTON- IMPROVEMENTS AT AUDUBON CIRCLE	6	CMAQ	\$ 2,991,236	\$ 2,392,989	\$ 598,247	CMAQ+TAP Total Cost = \$5,539,955
456661	CLEAN AIR AND MOBILITY	N/A	CMAQ	\$ -	\$ -	\$ -	
CMAQ Subtotal ►				\$ 23,563,945	\$ 18,851,156	\$ 4,712,789	◀ 80% Federal + 20% Non-Federal

## ► TAP - Transportation Alternatives Program

606460	BOSTON- IMPROVEMENTS AT AUDUBON CIRCLE	6	TAP	\$ 2,548,719	\$ 2,038,975	\$ 509,744	CMAQ+TAP Total Cost = \$5,539,955; pending TAP approval
TAP Subtotal ►				\$ 2,548,719	\$ 2,038,975	\$ 509,744	◀ 80% Federal + 20% Non-Federal

## ► Section 1A / Fiscal Constraint Analysis

Total Federal Aid Target Funds Programmed ►	\$ 74,950,144	\$ 74,950,144	◀ Total Target	\$ -	Target Funds Available
Total STP Programmed ►	\$ 22,248,270	\$ 51,514,638	◀ Max. STP	\$ 29,266,368	STP Available
Total NHS Programmed ►	\$ 21,836,372	\$ -	◀ Min. NHS	\$ (21,836,372)	NHS funds are from STP
Total HSIP Programmed ►	\$ 4,752,838	\$ 4,774,123	◀ Min. HSIP	\$ 21,285	HSIP Minimum Not Met
Total CMAQ Programmed ►	\$ 23,563,945	\$ 16,112,664	◀ Min. CMAQ	\$ (7,451,281)	CMAQ Minimum Met
Total TAP Programmed ►	\$ 2,548,719	\$ 2,548,719	◀ Min. TAP	\$ -	TAP Minimum Met

## ► Section 1B / Federal Aid Bridge Projects

604655	MARSHFIELD- BRIDGE REPLACEMENT, M-07-007, BEACH STREET OVER THE CUT RIVER	5	BR-OFF	\$ 3,616,659	\$ 2,893,327	\$ 723,332	
604173	BOSTON- BRIDGE REHABILITATION, B-16-016, NORTH WASHINGTON STREET OVER THE CHARLES RIVER	6	BR-AC	\$ 16,000,000	\$ 12,800,000	\$ 3,200,000	AC Yr 2; Total Cost = \$69,501,881 (\$21,001,881 programmed within FFYs 2014-17 TIP)
600867	BOSTON- BRIDGE REPLACEMENT, B-16-237, MASSACHUSETTS AVENUE (ROUTE 2A) OVER COMMONWEALTH AVENUE	6	BR-AC	\$ 6,000,000	\$ 4,800,000	\$ 1,200,000	AC Yr 2 of 3; Total Cost = \$18,016,000
N/A	WALTHAM- WOERD AVENUE OVER THE CHARLES RIVER	4	BR-OFF	\$ 2,254,560	\$ 1,803,648	\$ 450,912	
N/A	TOPSFIELD- ROWLEY BRIDGE ROAD OVER THE IPSWICH RIVER	4	BR-OFF	\$ 3,921,568	\$ 3,137,254	\$ 784,314	
604952	LYNN- SAUGUS- BRIDGE REPLACEMENT, L-18-016=S-05-008, ROUTE 107 OVER THE SAUGUS RIVER (AKA - BELDEN G. BLY BRIDGE)	4	BR-AC	\$ 7,200,000	\$ 5,760,000	\$ 1,440,000	AC Yr 1; Total Cost = \$41,432,760 (\$7,200,000 programmed within FFYs 2014-17 TIP)
BR Subtotal ►				\$ 38,992,787	\$ 31,194,230	\$ 7,798,557	◀ 80% Federal + 20% Non-Federal

# 2017 Boston MPO Transportation Improvement Program

Proposed Revision to the Draft FFYs 2014-2017 TIP

MassDOT Project ID ▼	MassDOT Project Description ▼	MassDOT District ▼	Funding Source ▼	Total Programmed Funds ▼	Federal Funds ▼	Non-Federal Funds ▼	Additional Information ▼
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## ► Section 1C / Federal Aid Non-Target Projects

### ► Earmarks

601630	WEYMOUTH- ABINGTON- RECONSTRUCTION & WIDENING ON ROUTE 18 (MAIN STREET) FROM HIGHLAND PLACE TO ROUTE 139 (4.0 MILES) INCLUDES REHAB OF W-32-013, ROUTE 18 OVER THE OLD COLONY RAILROAD (MBTA)	6	HPP (1998)	\$ 5,604,281	\$ 4,483,425	\$ 1,120,856	Construction; HPP 1236; AC Yr 3 of 3; STP+HSIP+TEA-21 Earmark Total Cost = \$40,630,000
Earmarks Subtotal ►				\$ 5,604,281	\$ 4,483,425	\$ 1,120,856	◀ Funding Split Varies by Earmark

### ► Other

No Projects Programmed				\$ -	\$ -	\$ -	
Other Subtotal ►				\$ -	\$ -	\$ -	◀ Funding Split Varies by Funding Source

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

### ► IM - Interstate Maintenance

607481	RANDOLPH- QUINCY- BRAINTREE - RESURFACING AND RELATED WORK ON I-93	6	IM	\$ 11,365,760	\$ 10,229,184	\$ 1,136,576	
IM Subtotal ►				\$ 11,365,760	\$ 10,229,184	\$ 1,136,576	◀ 90% Federal + 10% Non-Federal

### ► NHPP - National Highway Performance Program

607477	LYNNFIELD- PEABODY - RESURFACING AND RELATED WORK ON ROUTE 1	4	NHPP	\$ 6,444,386	\$ 5,155,509	\$ 1,288,877	
607507	WAKEFIELD- BRIDGE DECK REPLACEMENT, W-01-021 (2MF), HOPKINS STREET OVER I-95/ST 128	4	NHPP	\$ 2,469,936	\$ 1,975,949	\$ 493,987	
NHPP Subtotal ►				\$ 8,914,322	\$ 7,131,458	\$ 1,782,864	◀ 80% Federal + 20% Non-Federal

### ► SRTS - Safe Routes to School Program

No Projects Programmed			SRTS	\$ -	\$ -	\$ -	
SRTS Subtotal ►				\$ -	\$ -	\$ -	◀ Funding Split Varies by Project Specifications

### ► Statewide Infrastructure Program

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

# 2017 Boston MPO Transportation Improvement Program

Proposed Revision to the Draft FFYs 2014-2017 TIP

MassDOT Project ID ▼	MassDOT Project Description ▼	MassDOT District ▼	Funding Source ▼	Total Programmed Funds ▼	Federal Funds ▼	Non-Federal Funds ▼	Additional Information ▼
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## ► Statewide Intelligent Transportation Systems

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

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

606223	ACTON- CONCORD- BRUCE FREEMAN RAIL TRAIL CONSTRUCTION (PHASE II-B)	4	Statewide CMAQ	\$ 6,451,200	\$ 5,160,960	\$ 1,290,240	cost decrease of \$230,400; was \$6,681,600
602929	HOLLISTON- MULTI-USE TRAIL CONSTRUCTION ON A SECTION OF THE UPPER CHARLES RAIL (2 MILES OF PROPOSED 27 MILES - PHASE I)	3	Statewide CMAQ	\$ 2,428,563	\$ 1,942,850	\$ 485,713	cost decrease of \$86,735; was \$2,515,298
Statewide CMAQ Subtotal ►				\$ 8,879,763	\$ 7,103,810	\$ 1,775,953	◀ 80% Federal + 20% Non-Federal

## ► Other

N/A	ACCELERATED BRIDGE PROGRAM- BRIDGE	N/A	Other	\$ 150,000,000	\$ -	\$ -	Year 3 of 8 of GANS payments for ABP
Other Subtotal ►				\$ 150,000,000	\$ -	\$ -	◀ Funding Split Varies by Funding Source

## ► Section 2A / Non-Federal Projects

N/A	GREEN LINE EXTENSION PROJECT- EXTENSION TO COLLEGE AVENUE WITH THE UNION SQUARE SPUR	N/A	Other	\$ 338,012,000		\$ 238,012,000	The Green Line Extension project is currently in the New Starts pipeline and the Commonwealth anticipates a decision in a Full Funding Grant Agreement in FFY 2015. The cash flows for the project, therefore, provide 100% bond funding for FFYs 2013-14 and begin programming New Starts funding in FFY 2015. The Commonwealth is committed to fully funding this project with bond funds if New Starts is not awarded.
Non-Federal Projects Subtotal ►				\$ 338,012,000		\$ 238,012,000	◀ 100% Non-Federal

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

	No Projects Programmed			\$ -		\$ -	
Non-Federal Bridge Projects Subtotal ►				\$ -		\$ -	◀ 100% Non-Federal

# 2017 Boston MPO Transportation Improvement Program

Proposed Revision to the Draft FFYs 2014-2017 TIP

MassDOT Project ID ▼	MassDOT Project Description ▼	MassDOT District ▼	Funding Source ▼	Total Programmed Funds ▼	Federal Funds ▼	Non-Federal Funds ▼	Additional Information ▼
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# 2017 Boston MPO TIP Summary - Highway

	TIP Section 1: ▼	TIP Section 2: ▼	Total of All Projects ▼	
Total ▶	\$ 148,707,057	\$ -	\$ 148,707,057	◀ Total Spending in Region
Federal Funds ▶	\$ 120,577,505		\$ 120,577,505	◀ Total Federal Spending in Region
Non-Federal Funds ▶	\$ 28,129,552	\$ -	\$ 28,129,552	◀ 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>



# 2017 Boston MPO Transportation Improvement Program

FTA Program ▼	Regional Transit Authority ▼	Project Description ▼	Carryover or Earmark Details ▼	Federal Funds ▼	State Match Sources					RTA Funds ▼	Total Cost ▼	Additional Information ▼
					RTACAP ▼	MAP ▼	ITCCAP ▼	TDC ▼	SCA ▼			
5307	MBTA	PREVENTIVE MAINTENANCE		\$ 12,000,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 3,000,000	\$ 15,000,000	
5307	MBTA	HEAVY RAIL CARS - Red/Orange Lines		\$ 96,000,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 24,000,000	\$ 120,000,000	
5307	MBTA	Systems Upgrades		\$ 26,685,516	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 6,671,379	\$ 33,356,895	
5307	CATA	REHAB/RENOVATE BUS SUPPORT FACIL/EQUIP		\$ 117,221	\$ 29,305	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 146,526	
5307	CATA	PREVENTIVE MAINTENANCE		\$ 325,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 81,250	\$ 406,250	
5307	MWRTA	PURCHASE SIGNAGE	2016	\$ 5,878	\$ 1,470	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 7,348	
5307	MWRTA	ACQUISITION OF BUS SUPPORT EQUIP/FACILITIES	2016	\$ 20,000	\$ 5,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 25,000	
5307	MWRTA	ACQUIRE - MOBILE SURV/SECURITY EQUIP	2016	\$ 10,000	\$ 2,500	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 12,500	
5307	MWRTA	NON FIXED ROUTE ADA PARA SERV	2016	\$ 700,000	\$ -	\$ -	\$ -	\$ -	\$ 700,000	\$ -	\$ 1,400,000	
<b>5307 Subtotal ►</b>				<b>\$ 135,863,615</b>	<b>\$ 38,275</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 700,000</b>	<b>\$ 33,752,629</b>	<b>\$ 170,354,519</b>	
5337	MBTA	Bridge & Tunnel Program		\$ 100,000,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 25,000,000	\$ 125,000,000	
5337	MBTA	Systems Upgrades		\$ 21,190,546	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 5,297,637	\$ 26,488,183	
<b>5337 Subtotal ►</b>				<b>\$ 121,190,546</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 30,297,637</b>	<b>\$ 151,488,183</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>	
SoGR		No Projects Programmed	N/A	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Livability		No Projects Programmed	N/A	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
TIGER		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>	
Other	CATA	VAN	N/A	\$ -	\$ 195,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 195,000	
<b>Other Subtotal ►</b>				<b>\$ -</b>	<b>\$ 195,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 195,000</b>	
<b>Total ►</b>				<b>\$ 262,341,188</b>	<b>\$ 233,275</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 700,000</b>	<b>\$ 65,372,023</b>	<b>\$ 328,646,486</b>	

# 2017 Boston MPO Transportation Improvement Program

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

## Fiscal Constraint Analysis

Federal Funding Source ▼	Programmed ▼	Available ▼	(+/-) ▼		State Funding Source ▼	Programmed ▼	Available ▼	(+/-) ▼	
FFY 17 / 5307	\$ 135,863,615	\$ 135,863,615	\$ -	Available	RTACAP	\$ 233,275	\$ 233,275	\$ -	Available
FFY 17 / 5337	\$ 121,190,546	\$ 121,190,546	\$ -	Available	MAP	\$ -	\$ -	\$ -	Available
FFY 17 / 5339	\$ 5,287,027	\$ 5,287,027	\$ -	Available	ITCCAP	\$ -	\$ -	\$ -	Available
FFY 17 / 5310	\$ -	\$ -	\$ -	Available	SCA	\$ 700,000	\$ 3,234,526	\$ 2,534,526	Available
					TDC	\$ -			