

2013 Boston MPO Transportation Improvement Program

Draft Amendment One to the FFYs 2013-2016 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

► STP - Surface Transportation Program

607209	SOMERVILLE- RECONSTRUCTION OF BEACON STREET, FROM OXFORD STREET TO CAMBRIDGE C.L.	4	STP	\$ 1,571,252	\$ 1,257,002	\$ 314,250	STP+SAFETEA-LU Earmark Total Cost = \$4,158,466
602984	CONCORD- LINCOLN- LIMITED ACCESS HIGHWAY IMPROVEMENTS AT ROUTE 2 & 2A, BETWEEN CROSBY'S CORNER & BEDFORD ROAD, INCLUDES C-19-024	4	STP-AC	\$ 11,775,130	\$ 9,420,104	\$ 2,355,026	AC Yr 3 of 4; STP+HSIP+CMAQ Total Cost = \$61,723,980 (\$22,471,587 programmed within FFYs 2013-16 TIP)
601825	DANVERS- RECONSTRUCTION OF LIBERTY STREET, FROM ROUTE 128 TO WATER/HIGH STREET INTERSECTION, INCLUDES D-03-004 & D-03-014	4	STP	\$ 7,128,052	\$ 5,702,442	\$ 1,425,610	
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	\$ 3,340,620	\$ 2,672,496	\$ 668,124	AC Yr 1 of 3; STP+ TEA-21 Earmark Total Cost = \$38,340,000
605188	CAMBRIDGE- COMMON IMPROVEMENTS AT WATERHOUSE STREET, MASS AVE & GARDEN STREET	6	TE	\$ 1,093,334	\$ 874,667	\$ 218,667	Construction; TE+Statewide TE+SAFETEA-LU Earmark Total Cost = \$2,764,874
604687	ARLINGTON- RECONSTRUCTION OF MASSACHUSETTS AVENUE, FROM POND LANE TO THE CAMBRIDGE C.L.	4	TE	\$ 474,668	\$ 379,734	\$ 94,934	CMAQ+TE+Statewide TE+SAFETEA-LU Earmark+Section 129 Earmark Total Cost = \$5,880,740
STP Subtotal ►				\$ 25,383,056	\$ 20,306,445	\$ 5,076,611	◀ 80% Federal + 20% Non-Federal

► NHS - National Highway System

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	NHS-AC	\$ 26,000,000	\$ 20,800,000	\$ 5,200,000	AC Yr 1 of 5; NHS+BR Total Cost = \$127,500,000 (\$120,000,000 programmed within FFYs 2013-16 TIP, AC Yr 5 of 5 will be programmed in FFY 2017)
NHS Subtotal ►				\$ 26,000,000	\$ 20,800,000	\$ 5,200,000	◀ 80% Federal + 20% Non-Federal

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► HSIP - Highway Safety Improvement Program

602984	CONCORD- LINCOLN- LIMITED ACCESS HIGHWAY IMPROVEMENTS AT ROUTE 2 & 2A, BETWEEN CROSBY'S CORNER & BEDFORD ROAD, INCLUDES C-19-024	4	HSIP-AC	\$ 5,296,710	\$ 4,767,039	\$ 529,671	AC Yr 3 of 4; STP+HSIP+CMAQ Total Cost = \$61,723,980 (\$22,471,587 programmed within FFYs 2013-16 TIP)
HSIP Subtotal ►				\$ 5,296,710	\$ 4,767,039	\$ 529,671	◀ Funding Split Varies by Project

► CMAQ - Congestion Mitigation and Air Quality Improvement Program

604687	ARLINGTON- RECONSTRUCTION OF MASSACHUSETTS AVENUE, FROM POND LANE TO THE CAMBRIDGE C.L.	4	CMAQ	\$ 2,978,340	\$ 2,382,672	\$ 595,668	CMAQ+TE+Statewide TE+SAFETEA-LU Earmark+Section 129 Earmark Total Cost = \$5,880,740
602094	LYNN- RECONSTRUCTION OF ROUTE 129 (BROADWAY), FROM WYOMA SQUARE TO BOSTON STREET	4	CMAQ	\$ 5,273,913	\$ 4,219,130	\$ 1,054,783	
456661	CLEAN AIR AND MOBILITY	N/A	CMAQ	\$ 823,010	\$ 658,408	\$ 164,602	
606885	Arlington- Bikeway Connection at Intersection Route 3 and Route 60	4	CMAQ	\$ 570,000	\$ 456,000	\$ 114,000	
456661	Brookline- Bike Share, Year 3		CMAQ	\$ 95,732	\$ 76,586	\$ 19,146	
456661	Cambridge- Bike Share, Year 3		CMAQ	\$ 157,278	\$ 125,822	\$ 31,456	
CMAQ Subtotal ►				\$ 9,075,263	\$ 7,260,210	\$ 1,815,053	◀ 80% Federal + 20% Non-Federal

► Section 1A / Fiscal Constraint Analysis

Total Federal Aid Target Funds Programmed ►	\$ 65,755,029	\$ 65,755,029	◀ Total Target	\$ -	Target Funds Available
Total STP Programmed ►	\$ 25,383,056	\$ 52,864,898	◀ Max. STP	\$ 27,481,842	STP Available
Total NHS Programmed ►	\$ 26,000,000	\$ -	◀ Min. NHS	\$ (26,000,000)	NHS funds are from STP
Total HSIP Programmed ►	\$ 5,296,710	\$ 4,296,710	◀ Min. HSIP	\$ (1,000,000)	HSIP Minimum Met
Total CMAQ Programmed ►	\$ 9,075,263	\$ 8,593,421	◀ Min. CMAQ	\$ (481,842)	CMAQ Minimum Met

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► Section 1B / Federal Aid Bridge Projects

607110	BEDFORD- BRIDGE PRESERVATION, SR 4 (GREAT ROAD) OVER THE SHAWSHEEN RIVER	4	BR-Off	\$ 586,250	\$ 469,000	\$ 117,250	
606448	BOSTON- DECK PATCHING & SUPERSTRUCTURE REPAIRS ON B-16-365 (BOWKER OVERPASS)	6	BR-On	\$ 10,800,110	\$ 8,640,088	\$ 2,160,022	
607111	CONCORD- BRIDGE PRESERVATION, OLD STOW ROAD OVER MBTA & BM RAILROAD	4	BR-Off	\$ 825,000	\$ 660,000	\$ 165,000	
605774	HOPKINTON- BRIDGE BETTERMENT, H-23-012, I-90 RAMP OVER I-495	3	BR-On	\$ 5,341,960	\$ 4,273,568	\$ 1,068,392	
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	\$ 2,000,000	\$ 1,600,000	\$ 400,000	AC Yr 1 of 5; NHS+BR Total Cost = \$127,500,000 (\$120,000,000 programmed within FFYs 2013-16 TIP, AC Yr 5 of 5 will be programmed in FFY 2017)
603370	BOSTON- BRIDGE REHABILITATION, B-16-029, ROUTE 99 (ALFORD STREET) OVER MYSTIC RIVER	6	BR-AC	\$ 7,700,000	\$ 6,160,000	\$ 1,540,000	AC Yr 3 of 4
600703	LEXINGTON- BRIDGE REPLACEMENT, L-10-009, ROUTE 2 (EB & WB) OVER ROUTE I-95 (ROUTE 128)	4	BR-AC	\$ 1,800,000	\$ 1,440,000	\$ 360,000	AC Yr 1 of 3; Total Cost = \$31,800,000
BR Subtotal ►				\$ 29,053,320	\$ 23,242,656	\$ 5,810,664	◀ 80% Federal + 20% Non-Federal

► Section 1C / Federal Aid Non-Target Projects

► Earmarks

606209	FRAMINGHAM- RECONSTRUCTION OF ROUTE 126 (CONCORD STREET)	3	HPP (1998)	\$ 3,983,545	\$ 3,186,836	\$ 796,709	Construction; HPP 684; TEA-21 Earmark+Section 129 Earmark+Local Funds Total Cost = \$8,347,738; TEA-21 Earmark was \$4,157,845
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)	\$ 7,999,380	\$ 6,399,504	\$ 1,599,876	Construction; HPP 1236; AC Yr 1 of 3; STP+TEA-21 Earmark Total Cost = \$38,340,000
604687	ARLINGTON- RECONSTRUCTION OF MASSACHUSETTS AVENUE, FROM POND LANE TO THE CAMBRIDGE C.L.	4	HPP (2005)	\$ 1,455,400	\$ 1,164,320	\$ 291,080	Construction; CMAQ+TE+Statewide TE+SAFETEA-LU Earmark+Section 129 Earmark Total Cost = \$5,880,740
606889	BOSTON- IMPROVEMENTS TO GAINSBOROUGH AND ST. BOTOLPH STS.	6	HPP (2005)	\$ 500,000	\$ 400,000	\$ 100,000	Design; HPP 2012; Local Match
606226	BOSTON- RECONSTRUCTION OF RUTHERFORD AVENUE, FROM CITY SQUARE TO SULLIVAN SQUARE	6	HPP (2005)	\$ 1,124,874	\$ 899,899	\$ 224,975	Design; HPP 3568; Local Match
605188	CAMBRIDGE- COMMON IMPROVEMENTS AT WATERHOUSE STREET, MASS AVE & GARDEN STREET	6	HPP (2005)	\$ 1,124,874	\$ 899,899	\$ 224,975	Construction; TE+Statewide TE+SAFETEA-LU Earmark Total Cost = \$2,764,874; Total Cost was \$2,164,874

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► Earmarks (continued)

604988	FRANKLIN- RECONSTRUCTION OF ROUTE 140, MAIN STREET & EMMONS STREET (DOWNTOWN ENHANCEMENTS)	3	HPP (2005)	\$ 5,754,819	\$ 4,603,855	\$ 1,150,964	Construction; HPP 4279
606235	QUINCY- ADAMS GREEN TRANSPORTATION IMPROVEMENTS	6	HPP (2005)	\$ 6,711,062	\$ 5,368,850	\$ 1,342,212	Construction; HPP 4272
607209	SOMERVILLE- RECONSTRUCTION OF BEACON STREET, FROM OXFORD STREET TO CAMBRIDGE C.L.	4	HPP (2005)	\$ 2,587,214	\$ 2,069,771	\$ 517,443	Construction; HPP 431; STP+SAFETEA-LU Earmark Total Cost = \$4,158,466
604687	ARLINGTON- RECONSTRUCTION OF MASSACHUSETTS AVENUE, FROM POND LANE TO THE CAMBRIDGE C.L.	4	§ 129 (2008)	\$ 735,000	\$ 735,000	\$ -	Construction; CMAQ+TE+Statewide TE+SAFETEA-LU Earmark+Section 129 Earmark Total Cost = \$5,880,740
606209	FRAMINGHAM- RECONSTRUCTION OF ROUTE 126 (CONCORD STREET)	3	§ 129 (2008)	\$ 490,000	\$ 490,000	\$ -	Construction; TEA-21 Earmark+Section 129 Earmark+Local Funds Total Cost = \$8,347,738
606226	BOSTON- RECONSTRUCTION OF RUTHERFORD AVENUE, FROM CITY SQUARE TO SULLIVAN SQUARE	6	TI (2005)	\$ 3,000,000	\$ 2,400,000	\$ 600,000	Design; HPP TI 174; Local Match
Earmarks Subtotal ►				\$ 35,466,167	\$ 28,617,934	\$ 6,848,233	◀ Funding Split Varies by Earmark

► Other

604687	ARLINGTON- RECONSTRUCTION OF MASSACHUSETTS AVENUE, FROM POND LANE TO THE CAMBRIDGE C.L.	4	Statewide TE	\$ 237,332	\$ 189,866	\$ 47,466	CMAQ+TE+Statewide TE+SAFETEA-LU Earmark+Section 129 Earmark Total Cost = \$5,880,740
605188	CAMBRIDGE- COMMON IMPROVEMENTS AT WATERHOUSE STREET, MASS AVE & GARDEN STREET	6	Statewide TE	\$ 546,666	\$ 437,333	\$ 109,333	Construction; TE+Statewide TE+SAFETEA-LU Earmark Total Cost = \$2,764,874
Other Subtotal ►				\$ 783,998	\$ 627,198	\$ 156,800	◀ Funding Split Varies by Funding Source

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

► IM - Interstate Maintenance

N/A	FRANKLIN- INTERSTATE MAINTENANCE & RELATED WORK ON I-495	3	IM	\$ 5,154,240	\$ 4,638,816	\$ 515,424	
605596	FOXBOROUGH- INTERSTATE MAINTENANCE & RELATED WORK ON I-95	5	IM	\$ 9,440,000	\$ 8,496,000	\$ 944,000	
606170	LEXINGTON- BURLINGTON- INTERSTATE MAINTENANCE & RELATED WORK ON I-95	4	IM	\$ 33,205,200	\$ 29,884,680	\$ 3,320,520	
605597	LYNNFIELD- WAKEFIELD- INTERSTATE MAINTENANCE & RELATED WORK ON I-95	4	IM	\$ 12,685,000	\$ 11,416,500	\$ 1,268,500	
604879	WILMINGTON- WOBURN- INTERSTATE MAINTENANCE & RELATED WORK ON ROUTE I-93	4	IM	\$ 14,480,960	\$ 13,032,864	\$ 1,448,096	
IM Subtotal ►				\$ 74,965,400	\$ 67,468,860	\$ 7,496,540	◀ 90% Federal + 10% Non-Federal

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► NHSP - National Highway System Preservation Program

605602	WEYMOUTH- RESURFACING & RELATED WORK ON ROUTE 3	6	NHS	\$ 3,552,640	\$ 2,842,112	\$ 710,528	
606126	MIDDLETON- RESURFACING & RELATED WORK ON ROUTE 114	4	NHS	\$ 1,769,976	\$ 1,415,981	\$ 353,995	
NHS Subtotal ►				\$ 5,322,616	\$ 4,258,093	\$ 1,064,523	◀ 80% Federal + 20% Non-Federal

► SRTS - Safe Routes to School Program

606521	BRAINTREE- SAFE ROUTES TO SCHOOL (ROSS ELEMENTARY SCHOOL)	6	SRTS	\$ 553,000	\$ 553,000	\$ -	
606516	WAKEFIELD- SAFE ROUTES TO SCHOOLS (DOLBEARE SCHOOL)	4	SRTS	\$ 513,000	\$ 513,000	\$ -	
SRTS Subtotal ►				\$ 1,066,000	\$ 1,066,000	\$ -	◀ 100% Federal

► Statewide Infrastructure Program

604937	LEXINGTON- NEWTON- WALTHAM- WELLESLEY- WESTON- TRAFFIC SIGN REPLACEMENT ON I-95, FROM WELLESLEY (ROUTE 9) TO LEXINGTON (ROUTES 4/225)	4	Statewide Infrastructure Program	\$ 2,800,000	\$ 2,240,000	\$ 560,000	
Statewide Infrastructure Subtotal ►				\$ 2,800,000	\$ 2,240,000	\$ 560,000	◀ 80% Federal + 20% Non-Federal

► Statewide ITS - Statewide Intelligent Transportation Systems Program

606432	BURLINGTON- WOBURN- READING- EXPANSION OF FIBER, CCTV, VMS & TRAFFIC SENSOR NETWORK ON I-95	4	Statewide ITS	\$ 4,000,000	\$ 3,200,000	\$ 800,000	
606283	HOPKINTON TO ANDOVER- INSTALLATION OF CAMERAS, MESSAGE SIGNS & COMMUNICATION INFRASTRUCTURE ON I-495 (DESIGN/BUILD ITS)	3	Statewide ITS	\$ 6,000,000	\$ 4,800,000	\$ 1,200,000	
606497	BRAINTREE- QUINCY- MILTON- BOSTON- HOV LANE TOW TRUCK SERVICES	6	Statewide ITS	\$ 550,000	\$ 440,000	\$ 110,000	
606498	BRAINTREE- QUINCY- MILTON- BOSTON- HOV LANE BARRIER TRANSFER VEHICLE (BTV) OPERATOR CONTRACT	6	Statewide ITS	\$ 1,000,000	\$ 800,000	\$ 200,000	
606422	BRAINTREE- QUINCY- MILTON- BOSTON- HOV LANE OPERATING EXPENSES	6	Statewide ITS	\$ 500,000	\$ 400,000	\$ 100,000	
Statewide ITS Subtotal ►				\$ 12,050,000	\$ 9,640,000	\$ 2,410,000	◀ 80% Federal + 20% Non-Federal

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

602514	BEVERLY- CONSTRUCTION OF A WALKWAY ON BEVERLY HARBORFRONT	4	Statewide TE	\$ 570,665	\$ 456,532	\$ 114,133	
606137	FRAMINGHAM- BIKE PATH CONSTRUCTION & IMPROVEMENTS ON COCHITUATE RAIL TRAIL, FROM SCHOOL STREET TO ROUTE 30	3	Statewide TE	\$ 792,731	\$ 634,185	\$ 158,546	
605121	SALEM- CAUSEWAY PARK CONSTRUCTION	4	Statewide TE	\$ 1,441,650	\$ 1,153,320	\$ 288,330	
Statewide TE Subtotal ►				\$ 2,805,046	\$ 2,244,037	\$ 561,009	◀ 80% Federal + 20% Non-Federal

► **Statewide HSIP - Statewide Highway Safety Improvement Program**

No Projects Programmed				\$ -	\$ -	\$ -	
Statewide HSIP Subtotal ►				\$ -	\$ -	\$ -	◀ Funding Split Varies by Project

► **Other**

N/A	CENTRAL ARTERY/TUNNEL PROJECT- NATIONAL HIGHWAY SYSTEM	N/A	Other	\$ 50,295,000	\$ -	\$ -	
N/A	CENTRAL ARTERY/TUNNEL PROJECT- STATE TRANSPORTATION PROGRAM/FLEX	N/A	Other	\$ 70,710,000	\$ -	\$ -	
N/A	CENTRAL ARTERY/TUNNEL PROJECT- STATE TRANSPORTATION PROGRAM	N/A	Other	\$ 20,000,000	\$ -	\$ -	
Other Subtotal ►				\$ 141,005,000	\$ -	\$ -	◀ 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	\$ 79,300,000		\$ 79,300,000	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 FFY 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	\$ 24,139,099		\$ 24,139,099	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. Prior amount was \$0.
Non-Federal Projects Subtotal ►				\$ 113,439,099		\$ 113,439,099	◀ 100% Non-Federal

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► Section 2B / Non-Federal Bridge Projects

603654	BOSTON- BRIDGE REPLACEMENT, B-16-163, MORTON STREET OVER THE MBTA & CSX RAILROAD	6	ABP-GANS	\$ 10,574,787			Total Construction Cost = \$10,692,912 (\$10,574,787 is identified as GANs funding [federal and state match] and \$118,125 is additional state funding)
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	\$ 63,898,554		\$ -	Total Construction Cost = \$64,528,554 (\$63,898,554 is identified as GANs funding [federal and state match] and \$630,000 is additional state funding)
Non-Federal Bridge Projects Subtotal►				\$ 74,473,341		\$ -	◀100% Non-Federal

2013 Boston MPO TIP Summary - Highway

TIP Section 1: ▼ TIP Section 2: ▼ Total of All Projects ▼

Total ►	\$ 230,067,576	\$ 74,473,341	\$ 304,540,917	◀ Total Spending in Region
Federal Funds ►	\$ 192,538,472		\$ 192,538,472	◀ Total Federal Spending in Region
Non-Federal Funds ►	\$ 37,529,104	\$ 74,473,341	\$ 112,002,445	◀ 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>

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► Section 3 / Transit Operating - Section 5307

MBTA	POWER PROGRAM	5307	\$ 47,267,526			\$ 11,816,882	\$ 59,084,408		
MBTA	SYSTEMS UPGRADES	5307	\$ 8,786,066			\$ 2,196,517	\$ 10,982,583		
MBTA	STATIONS (ACCESSIBILITY) - GOVERNMENT CENTER	5307	\$ 32,761,068			\$ 8,190,267	\$ 40,951,335		
MBTA	STATIONS (ACCESSIBILITY) - STATE STREET	5307	\$ 17,197,512			\$ 4,299,378	\$ 21,496,890		
MBTA	FACILITIES (YARDS, SHOPS, PARKING, ETC.) - PARKING SYSTEMS IMPROVEMENTS	5307	\$ 15,000,000			\$ 3,750,000	\$ 18,750,000		
MBTA	PREVENTATIVE MAINTENANCE	5307	\$ 12,000,000			\$ 3,000,000	\$ 15,000,000		
MBTA	REVENUE VEHICLES (193 ECD BUSES - OVERHAUL)	5307	\$ 32,399,405			\$ 8,099,851	\$ 40,499,256	YES, 2012	
MBTA	STATIONS (ACCESSIBILITY) - STATIONS (ELEVATOR/ESCALATOR PROGRAM)	5307	\$ 22,000,000			\$ 5,500,000	\$ 27,500,000	YES, 2012	
MBTA	SYSTEMS UPGRADES	5307	\$ 1,612,767			\$ 403,192	\$ 2,015,959	YES, 2012	
MBTA	REVENUE VEHICLES (75 HYUNDAI ROTEM COACHES -	5307	\$ 95,487,128			\$ 23,871,782	\$ 119,358,910	YES, 2010	
MBTA	POWER PROGRAM	5307	\$ 60,000,000			\$ 15,000,000	\$ 75,000,000	YES, 2011	
MBTA	FACILITIES (YARDS, SHOPS, PARKING, ETC.) - SCIENCE PARK	5307	\$ 17,600,000			\$ 4,400,000	\$ 22,000,000	YES, 2011	
MBTA	STATIONS (ACCESSIBILITY) - STATION IMPROVEMENTS	5307	\$ 26,378,210			\$ 6,594,553	\$ 32,972,763	YES, 2009 & 2010	
MBTA	STATIONS (ACCESSIBILITY) - ORIENT HEIGHTS STATION	5307	\$ 30,763,964			\$ 7,690,991	\$ 38,454,955	YES, 2011	
MBTA	SYSTEMS UPGRADES (SYSTEMS UPGRADES)	5307	\$ 807,254			\$ 201,814	\$ 1,009,068	YES, 2011	

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CATA	CAPE ANN TRANSPORTATION AUTHORITY	5307	\$ 514,000		\$ 281,000		\$ 795,000		
	Preventative Maintenance	5307	\$ 300,000		\$ 75,000		\$ 375,000		
	29' Bus Rolling Stock (4)	5307	\$ 214,000		\$ 206,000		\$ 420,000		
	Support Equipment		\$ -		\$ -		\$ -		
MWRTA	METROWEST REGIONAL TRANSIT AUTHORITY	5307	\$ 1,668,698		\$ 467,175		\$ 2,135,873		
	Paratransit	5307	\$ 1,300,000		\$ 325,000		\$ 1,625,000		
	Equipment and Facilities	5307	\$ 368,698		\$ 92,175		\$ 460,873		
	Equipment and Facilities - Call Center Study	5307	\$ -		\$ 50,000		\$ 50,000		
Transit Operating Total ►			\$ 422,243,599		\$ 748,175	\$ 105,015,226	\$ 528,007,000		

► Section 4 / Transit Capital - Section 5309

MBTA	STATIONS (ACCESSIBILITY) - GOVERNMENT CENTER	5309	\$ 42,274,867			\$ 10,568,717	\$ 52,843,584		
MBTA	SYSTEMS UPGRADES	5309	\$ 3,707,035			\$ 926,759	\$ 4,633,794		
MBTA	BRIDGES AND TUNNELS	5309	\$ 48,000,000			\$ 12,000,000	\$ 60,000,000		
MBTA	REVENUE VEHICLES (74 KAWASAKI COACHES - OVERHAUL)	5309	\$ 93,739,299			\$ 23,434,825	\$ 117,174,124	YES, 2012	
MBTA	SYSTEM UPGRADES	5309	\$ 242,603			\$ 60,651	\$ 303,254	YES, 2012	
MBTA	SIGNALS (COLUMBIA JUNCTION - SIGNAL IMPROVEMENTS)	5309	\$ 41,600,000			\$ 10,400,000	\$ 52,000,000	YES, 2011	
MBTA	POWER PROGRAM	5309	\$ 60,000,000			\$ 15,000,000	\$ 75,000,000	YES, 2009, 2010 & 2011	
MBTA	FACILITIES (YARDS, SHOPS, PARKING, ETC.) - VARIOUS FACILITIES UPGRADES INCLUDING EVERETT	5309	\$ 14,035,441			\$ 3,508,860	\$ 17,544,301	YES, 2011	
MBTA	SYSTEM UPGRADES	5309	\$ 17,134,892			\$ 4,283,723	\$ 21,418,615	YES, 2011	

2013 Boston MPO Transportation Improvement Program

Draft Amendment One to the FFYs 2013-2016 TIP

Regional Transit Authority ▼	Project Description ▼	Federal Funds Source ▼	Federal Amount ▼	State Funds Source ▼	State Amount ▼	RTA Funds ▼	Total Cost ▼	Carryover and Year? ▼	Additional Information ▼ (if project split among funding categories or over multiple-years please input total project cost here)
	BOSTON- COMMONWEALTH AVE/KENMORE SQ. ROADWAY AND PEDESTRIAN IMPROVEMENTS	5309	\$ 2,708,000			\$ 677,000	\$ 3,385,000	YES, 2011	Earmark transferred from FHWA to FTA, was HPP 682
	BEVERLY/SALEM INTERMODAL		\$ 1,100,000				\$ 1,100,000	YES, 2004	Section 115 earmark transferred from FHWA to FTA
	FERRY - MBTA FERRY SYSTEM		\$ 2,500,000			\$ 625,000	\$ 3,125,000	YES, 2011	
	FERRY - MBTA FERRY SYSTEM		\$ 2,500,000			\$ 625,000	\$ 3,125,000	YES, 2012	
MBTA	SYSTEMWIDE- MERRIMACK RIVER BRIDGE	TIGER	\$ 10,000,000			\$ 2,500,000	\$ 12,500,000		
Transit Capital Total ►			\$ 339,542,137		\$ -	\$ 84,610,535	\$ 424,152,672		

► Section 5 / Job Access Reverse Commute (JARC) - Section 5316 and New Freedom (NF) - Section 5317

MWRTA	JARC Technology Grant	5316	\$ 464,000		\$ 66,000		\$ 530,000		previously awarded
MWRTA	Route 9 Extended Service	5316	\$ 300,000			\$ 262,500	\$ 562,500		\$500,000 (Operating), \$62,500 (Capital)
	North Shore Career Center (NSCC) - Mobility Management and Employment Express Service	5316	\$ 263,790			\$ 202,665	\$ 466,455		\$364,580 (Operating), \$101,875 (Capital)
	Acton - LRTA Road Runner	5317	\$ 26,000			\$ 26,000	\$ 52,000		Operating
	Friendship Home - Wheels to Work	5317	\$ 25,500			\$ 25,500	\$ 51,000		Operating
	Greater Lynn Senior Services (GLSS) - Reaching Beyond Borders: GLSS Mobility Links Project	5317	\$ 169,764			\$ 169,764	\$ 339,528		Operating
MBTA	Paratransit Customers Program	5317	\$ 115,429			\$ 28,857	\$ 144,286		Capital
	North Shore Career Center (NSCC) - Mobility Management and Employment Express Service	5317	\$ 263,790			\$ 202,665	\$ 466,455		\$364,580 (Operating), \$101,875 (Capital)
JARC and NF Total ►			\$ 1,628,273		\$ 66,000	\$ 917,951	\$ 2,612,224		

2013 Boston MPO TIP Summary - Transit

TIP Section 3: ▼ TIP Section 4: ▼ TIP Section 5: ▼ Total of All Projects ▼

\$ 528,007,000	\$ 424,152,672	\$ 2,612,224	\$ 954,771,896	◀ Total Spending in Region
\$ 422,243,599	\$ 339,542,137	\$ 1,628,273	\$ 763,414,009	◀ Total Federal Spending in Region
\$ 105,763,401	\$ 84,610,535	\$ 983,951	\$ 191,357,887	◀ Total Non-Federal Spending in Region

2014 Boston MPO Transportation Improvement Program

Draft Amendment One to the FFYs 2013-2016 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
602984	CONCORD- LINCOLN- LIMITED ACCESS HIGHWAY IMPROVEMENTS AT ROUTE 2 & 2A, BETWEEN CROSBY'S CORNER & BEDFORD ROAD, INCLUDES C-19-024	4	STP-AC	\$ 1,103,037	\$ 882,430	\$ 220,607	AC Yr 4 of 4; STP+HSIP+CMAQ Total Cost = \$61,723,980 (\$21,757,641 programmed within FFYs 2013-16 TIP)
602602	HANOVER- RECONSTRUCTION OF WASHINGTON STREET (ROUTE 53) AND RELATED WORK FROM THE ROUTE 3 NORTHBOUND RAMP TO WEBSTER STREET (ROUTE 123)	5	STP	\$ 1,144,000	\$ 915,200	\$ 228,800	
605146	SALEM- RECONSTRUCTION ON CANAL STREET, FROM WASHINGTON STREET & MILL STREET TO LORING AVENUE & JEFFERSON AVENUE	4	STP	\$ 4,301,569	\$ 3,441,255	\$ 860,314	STP+CMAQ Total Cost = \$6,301,569
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	\$ 8,821,534	\$ 7,057,227	\$ 1,764,307	AC Yr 2 of 3; STP+ TEA-21 Earmark Total Cost = \$38,340,000
STP Subtotal ►				\$ 19,118,958	\$ 15,295,166	\$ 3,823,792	◀ 80% Federal + 20% Non-Federal

► NHS - National Highway System

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	NHS-AC	\$ 30,000,000	24,000,000	6,000,000	AC Yr 2 of 5; NHS+BR Total Cost = \$127,500,000 (\$120,000,000 programmed within FFYs 2013-16 TIP, AC Yr 5 of 5 will be programmed in FFY 2017)
NHS Subtotal ►				\$ 30,000,000	\$ 24,000,000	\$ 6,000,000	◀ 80% Federal + 20% Non-Federal

2014 Boston MPO Transportation Improvement Program

Draft Amendment One to the FFYs 2013-2016 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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► **HSIP - Highway Safety Improvement Program**

602984	CONCORD- LINCOLN- LIMITED ACCESS HIGHWAY IMPROVEMENTS AT ROUTE 2 & 2A, BETWEEN CROSBY'S CORNER & BEDFORD ROAD, INCLUDES C-19-024	4	HSIP-AC	\$ 4,296,710	\$ 3,867,039	\$ 429,671	AC Yr 4 of 4; STP+HSIP+CMAQ Total Cost = \$61,723,980 (\$21,757,641 programmed within FFYs 2013-16 TIP)
HSIP Subtotal ►				\$ 4,296,710	\$ 3,867,039	\$ 429,671	◀ Funding Split Varies by Project

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

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	\$ 4,146,746	\$ 3,317,397	\$ 829,349	Construction
601553	MELROSE- INTERSECTION & SIGNAL IMPROVEMENT TO LEBANON STREET, FROM LYNDE STREET TO MAIN STREET	4	CMAQ	\$ 3,799,858	\$ 3,039,886	\$ 759,972	CMAQ+SAFETEA-LU Earmark Total Cost = \$4,429,788
605729	QUINCY- INTERSECTION & SIGNAL IMPROVEMENTS AT HANCOCK STREET & EAST/WEST SQUANTUM STREETS	6	CMAQ	\$ 3,371,722	\$ 2,697,378	\$ 674,344	
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 = \$6,301,569
N/A	INTERSECTION IMPROVEMENT PROGRAM	N/A	CMAQ	\$ 350,000	\$ 280,000	\$ 70,000	
456661	CLEAN AIR AND MOBILITY		CMAQ	\$ -	\$ -	\$ -	
CMAQ Subtotal ►				\$ 25,668,326	\$ 20,534,661	\$ 5,133,665	◀ 80% Federal + 20% Non-Federal

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

Total Federal Aid Target Funds Programmed ►	\$ 79,083,994	\$ 79,091,696	◀ Total Target	\$ 7,702	Target Funds Available
Total STP Programmed ►	\$ 19,118,958	\$ 66,201,565	◀ Max. STP	\$ 47,082,607	STP Available
Total NHS Programmed ►	\$ 30,000,000	\$ -	◀ Min. NHS	\$ (30,000,000)	NHS funds are from STP
Total HSIP Programmed ►	\$ 4,296,710	\$ 4,296,710	◀ Min. HSIP	\$ -	HSIP Minimum Met
Total CMAQ Programmed ►	\$ 25,668,326	\$ 8,593,421	◀ Min. CMAQ	\$ (17,074,905)	CMAQ Minimum Met

2014 Boston MPO Transportation Improvement Program

Draft Amendment One to the FFYs 2013-2016 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

605895	BELLINGHAM- BRIDGE DEMOLITION, B-06-011, ROUTE 126 OVER CSX RAILROAD (ABANDONED) & INSTALLATION OF BIKE PATH CULVERT	3	BR-On	\$ 1,248,000	\$ 998,400	\$ 249,600	
604462	BOSTON- BRIDGE REPLACEMENT, B-16-209, WEST SECOND STREET OVER HAUL ROAD & CSX RR	6	BR-On	\$ 1,316,640	\$ 1,053,312	\$ 263,328	
606449	CAMBRIDGE- BRIDGE PRESERVATION, C-01-008, FIRST STREET BRIDGE & C-01-040, LAND BOULEVARD/BROAD CANAL BRIDGE	6	BR-On	\$ 3,744,000	\$ 2,995,200	\$ 748,800	
42603	WILMINGTON- BRIDGE REPLACEMENT, W-38-002, ROUTE 38 (MAIN STREET) OVER THE B&M	4	BR-On	\$ 4,492,800	\$ 3,594,240	\$ 898,560	
603370	BOSTON- BRIDGE REHABILITATION, B-16-029, ROUTE 99 (ALFORD STREET) OVER MYSTIC RIVER	6	BR-AC	\$ 3,000,000	\$ 2,400,000	\$ 600,000	AC Yr 4 of 4
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 3; Total Cost = \$31,800,000
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 Total Cost = \$127,500,000 (\$120,000,000 programmed within FFYs 2013-16 TIP, AC Yr 5 of 5 will be programmed in FFY 2017)
BR Subtotal ►				\$ 37,301,440	\$ 29,841,152	\$ 7,460,288	◀ 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)	\$ 4,178,466	\$ 3,342,773	\$ 835,693	Construction; HPP 1236; AC Yr 2 of 3; STP+TEA-21 Earmark Total Cost = \$38,340,000
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)	\$ 512,389	\$ 409,911	\$ 102,478	Construction; HPP 2012; SAFETEA-LU Earmark + HPP TI 180 Earmark Total Cost =
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
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

2014 Boston MPO Transportation Improvement Program

Draft Amendment One to the FFYs 2013-2016 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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► Earmarks (continued)

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 = \$4,429,788
606889	BOSTON- IMPROVEMENTS ALONG GAINSBOROUGH AND ST. BOTOLPH STREETS	6	TI (2005)	\$ 2,505,854	\$ 2,004,683	\$ 501,171	Construction; HPP TI 180; SAFETEA-LU Earmark + HPP TI 180 Earmark Total Cost = \$3,018,243
Earmarks Subtotal ►				\$ 18,410,958	\$ 14,728,766	\$ 3,682,192	◀ 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	\$ 10,308,480	\$ 9,277,632	\$ 1,030,848	
IM Subtotal ►				\$ 10,308,480	\$ 9,277,632	\$ 1,030,848	◀ 90% Federal + 10% Non-Federal

► NHSP - National Highway System Preservation Program

N/A	WEYMOUTH- BRAINTREE- QUINCY - RESURFACING & RELATED WORK ON ROUTE 3	6	NHS	\$ 9,817,600	\$ 7,854,080	\$ 1,963,520	
NHS Subtotal ►				\$ 9,817,600	\$ 7,854,080	\$ 1,963,520	◀ 80% Federal + 20% Non-Federal

► SRTS - Safe Routes to School Program

N/A	MALDEN- SAFE ROUTES TO SCHOOL (BEEBE SCHOOL)	4	SRTS	\$ 480,480	\$ 480,480	\$ -	
N/A	MANCHESTER- SAFE ROUTES TO SCHOOL (MEMORIAL ELEMENTARY)	4	SRTS	\$ 505,440	\$ 505,440	\$ -	
N/A	MILTON- SAFE ROUTES TO SCHOOL (GLOVER ELEMENTARY SCHOOL)	4	SRTS	\$ 624,520	\$ 624,520	\$ -	
N/A	WESTWOOD- SAFE ROUTES TO SCHOOL (DOWNEY ELEMENTARY)	6	SRTS	\$ 569,920	\$ 569,920	\$ -	
SRTS Subtotal ►				\$ 2,180,360	\$ 2,180,360	\$ -	◀ 100% Federal

2014 Boston MPO Transportation Improvement Program

Draft Amendment One to the FFYs 2013-2016 TIP

MassDOT Project ID ▼	MassDOT Project Description ▼	MassDOT District ▼	Funding Source ▼	Total Programmed Funds ▼	Federal Funds ▼	Non-Federal Funds ▼	Additional Information ▼
► Statewide Infrastructure Program							
603917	STONEHAM- WOBURN- LIGHTING UPGRADES ON I-93	4	Statewide Infrastructure Program	\$ 1,100,000	\$ 880,000	\$ 220,000	
Statewide Infrastructure Subtotal ►				\$ 1,100,000	\$ 880,000	\$ 220,000	◀ 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	CMAQ	\$ 1,141,606	\$ 913,285	\$ 228,321	
601019	WINCHESTER- SIGNAL & INTERSECTION IMPROVEMENTS AT 4 LOCATIONS ON CHURCH STREET & ROUTE 3 (CAMBRIDGE ST)	4	CMAQ	\$ 4,145,339	\$ 3,316,271	\$ 829,068	
Statewide CMAQ Subtotal ►				\$ 5,286,945	\$ 4,229,556	\$ 1,057,389	◀ 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 Subtotal ►				\$ 8,788,000	\$ 7,030,400	\$ 1,757,600	◀ 80% Federal + 20% Non-Federal
► Other							
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
Other Subtotal ►				\$ 122,840,000	\$ -	\$ -	◀ Funding Split Varies by Funding Source

2014 Boston MPO Transportation Improvement Program

Draft Amendment One to the FFYs 2013-2016 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	\$ 94,900,000		\$ 94,900,000	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 FFY 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	\$ 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. Prior amount was \$0.
Non-Federal Projects Subtotal►				\$ 135,055,536		\$ 135,055,536	◀100% Non-Federal

► Section 2B / Non-Federal Bridge Projects

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

2014 Boston MPO TIP Summary - Highway

	TIP Section 1: ▼	TIP Section 2: ▼	Total of All Projects ▼	
Total ►	\$ 172,277,777	\$ -	\$ 172,277,777	◀ Total Spending in Region
Federal Funds ►	\$ 139,718,812		\$ 139,718,812	◀ Total Federal Spending in Region
Non-Federal Funds ►	\$ 32,558,965	\$ -	\$ 32,558,965	◀ 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

Draft Amendment One to the FFYs 2013-2016 TIP

Regional Transit Authority ▼	Project Description ▼	Federal Funds Source ▼	Federal Amount ▼	State Funds Source ▼	State Amount ▼	RTA Funds ▼	Total Cost ▼	Carryover and Year? ▼	Additional Information ▼ (if project split among funding categories or over multiple-years please input total project cost here)
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► Section 3 / Transit Operating

MBTA	REVENUE VEHICLES (OTHER VEHICLE PROGRAMS)	5307	\$ 35,000,000			\$ 8,750,000	\$ 43,750,000		
MBTA	SYSTEMS UPGRADES	5307	\$ 6,012,172			\$ 1,503,043	\$ 7,515,215		
MBTA	FACILITIES (YARDS, SHOPS, PARKING, ETC.) - PARKING SYSTEMS IMPROVEMENTS	5307	\$ 20,000,000			\$ 5,000,000	\$ 25,000,000		
MBTA	BRIDGES & TUNNELS	5307	\$ 60,000,000			\$ 15,000,000	\$ 75,000,000		
MBTA	PREVENTATIVE MAINTENANCE	5307	\$ 12,000,000			\$ 3,000,000	\$ 15,000,000		
CATA	CAPE ANN TRANSPORTATION AUTHORITY	5307	\$ 515,114		\$ 281,000		\$ 796,114		
	Preventative Maintenance	5307	\$ 300,000		\$ 75,000		\$ 375,000		
	29' Bus Rolling Stock (4)	5307	\$ 55,114		\$ 166,000		\$ 221,114		
	Gas Storage Tank	5307	\$ 160,000		\$ 40,000		\$ 200,000		
MWRTA	METROWEST REGIONAL TRANSIT AUTHORITY	5307	\$ 1,668,698		\$ 417,175		\$ 2,085,873		
	ADA Paratransit	5307	\$ 1,103,398		\$ 275,850		\$ 1,379,248		
	Equipment and Facilities	5307	\$ 565,300		\$ 141,325		\$ 706,625		
Transit Operating Total ►			\$ 135,195,984		\$ 698,175	\$ 33,253,043	\$ 169,147,202		

► Section 4 / Transit Capital

MBTA	REVENUE VEHICLES (RED AND ORANGE LINE - NEW VEHICLE PROCUREMENT)	5309	\$ 72,000,000			\$ 18,000,000	\$ 90,000,000		
MBTA	SYSTEMS UPGRADES	5309	\$ 21,981,902			\$ 5,495,476	\$ 27,477,378		
Transit Capital Total ►			\$ 93,981,902		\$ -	\$ 23,495,476	\$ 117,477,378		

2014 Boston MPO Transportation Improvement Program

Draft Amendment One to the FFYs 2013-2016 TIP

Regional Transit Authority ▼	Project Description ▼	Federal Funds Source ▼	Federal Amount ▼	State Funds Source ▼	State Amount ▼	RTA Funds ▼	Total Cost ▼	Carryover and Year? ▼	Additional Information ▼ (if project split among funding categories or over multiple-years please input total project cost here)
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► Section 5 / Job Access Reverse Commute (JARC) - Section 5316 and New Freedom (NF) - Section 5317

MWRTA	JARC Communications	5316	\$ 258,700		\$ 64,675		\$ 323,375		previously awarded
MWRTA	Route 9 Extended Service	5316	\$ 300,000			\$ 262,500	\$ 562,500		\$500,000 (Operating), \$62,500 (Capital)
	Friendship Home - Wheels to Work	5317	\$ 26,350			\$ 26,350	\$ 52,700		Operating
MBTA	Paratransit Customers Program	5317	\$ 131,942			\$ 32,986	\$ 164,928		Capital
JARC and NF Total ►			\$ 716,992		\$ 64,675	\$ 321,836	\$ 1,103,503		

2014 Boston MPO TIP Summary - Transit

TIP Section 3: ▼ TIP Section 4: ▼ TIP Section 5: ▼ Total of All Projects ▼

\$ 169,147,202	\$117,477,378	\$ 1,103,503	\$ 287,728,083	◀ Total Spending in Region
\$ 135,195,984	\$ 93,981,902	\$ 716,992	\$ 229,894,878	◀ Total Federal Spending in Region
\$ 33,951,218	\$ 23,495,476	\$ 386,511	\$ 57,833,205	◀ Total Non-Federal Spending in Region

2015 Boston MPO Transportation Improvement Program

Draft Amendment One to the FFYs 2013-2016 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	\$ 11,406,086	\$ 9,124,869	\$ 2,281,217	AC Yr 3 of 3; STP+ TEA-21 Earmark Total Cost = \$38,340,000
STP Subtotal ►				\$ 18,852,938	\$ 15,082,350	\$ 3,770,588	◀ 80% Federal + 20% Non-Federal

► NHS - National Highway System

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	NHS-AC	\$ 30,000,000	\$ 24,000,000	\$ 6,000,000	AC Yr 3 of 5; NHS+BR Total Cost = \$127,500,000 (\$120,000,000 programmed within FFYs 2013-16 TIP, AC Yr 5 of 5 will be programmed in FFY 2017)
NHS Subtotal ►				\$ 30,000,000	\$ 24,000,000	\$ 6,000,000	◀ 80% Federal + 20% Non-Federal

► HSIP - Highway Safety Improvement Program

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

► CMAQ - Congestion Mitigation and Air Quality Improvement Program

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	\$ 5,429,110	\$ 4,343,288	\$ 1,085,822	
456661	CLEAN AIR AND MOBILITY		CMAQ	\$ -	\$ -	\$ -	
CMAQ Subtotal ►				\$ 10,429,110	\$ 8,343,288	\$ 2,085,822	◀ 80% Federal + 20% Non-Federal

2015 Boston MPO Transportation Improvement Program

Draft Amendment One to the FFYs 2013-2016 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 1A / Fiscal Constraint Analysis

Total Federal Aid Target Funds Programmed ►	\$ 59,282,048	\$ 59,316,086	◀ Total Target	\$ 34,038	Target Funds Available
Total STP Programmed ►	\$ 18,852,938	\$ 46,425,955	◀ Max. STP	\$ 27,573,017	STP Available
Total NHS Programmed ►	\$ 30,000,000	\$ -	◀ Min. NHS	\$ (30,000,000)	NHS funds are from STP
Total HSIP Programmed ►	\$ -	\$ 4,296,710	◀ Min. HSIP	\$ 4,296,710	HSIP Minimum Not Met
Total CMAQ Programmed ►	\$ 10,429,110	\$ 8,593,421	◀ Min. CMAQ	\$ (1,835,689)	CMAQ Minimum Met

► Section 1B / Federal Aid Bridge Projects

604428	CHELSEA- BRIDGE REPLACEMENT, C-09-001, WASHINGTON AVENUE OVER THE MBTA AND B&M RAILROAD	6	BR-On	\$ 3,862,080	\$ 3,089,664	\$ 772,416	
606632	HOPKINTON- WESTBOROUGH- BRIDGE REPLACEMENT, H-23-006=W-24-016, FRUIT STREET OVER CSX & SUDBURY RIVER	3	BR-On	\$ 8,270,478	\$ 6,616,382	\$ 1,654,096	
607119	IPSWICH- BRIDGE REPAIRS, GREEN STREET OVER THE IPSWICH RIVER	4	BR-Off	\$ 1,398,384	\$ 1,118,707	\$ 279,677	
604655	MARSHFIELD- BRIDGE REPLACEMENT, M-07-007, BEACH STREET OVER THE CUT RIVER	5	BR-Off	\$ 2,423,004	\$ 1,938,403	\$ 484,601	
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 4; Total Cost = \$23,117,239 (\$11,916,000 programmed within FFYs 2013-16 TIP)
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 3 of 3; Total Cost = \$31,800,000
603722	LEXINGTON- BRIDGE REPLACEMENT, L-10-010, ROUTE 2A (MARRETT ROAD) OVER I-95/ROUTE 128	4	BR-AC	\$ 1,572,762	\$ 1,258,210	\$ 314,552	AC Yr 1 of 3; Total Cost = \$22,117,239 (\$11,572,762 programmed within FFYs 2013-16 TIP)
BR Subtotal ►				\$ 35,442,708	\$ 28,354,166	\$ 7,088,542	◀ 80% Federal + 20% Non-Federal

2015 Boston MPO Transportation Improvement Program

Draft Amendment One to the FFYs 2013-2016 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)	\$ 2,593,914	\$ 2,075,131	\$ 518,783	Construction; HPP 1236; AC Yr 3 of 3; STP+TEA-21 Earmark Total Cost = \$38,340,000
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, Section 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; STP+CMAQ+Earmarks (SAFETEA-LU, Section 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; STP+CMAQ+Earmarks (SAFETEA-LU, Section 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; STP+CMAQ+Earmarks (SAFETEA-LU, Section 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; STP+CMAQ+Earmarks (SAFETEA-LU, Section 125 and 129, STPP, TCSP) Total Cost = \$16,866,250
Earmarks Subtotal ►				\$ 7,013,312	\$ 6,021,629	\$ 991,683	◀ 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

No Projects Programmed				\$ -	\$ -	\$ -	
IM Subtotal ►				\$ -	\$ -	\$ -	◀ 90% Federal + 10% Non-Federal

► NHSP - National Highway System Preservation Program

N/A	CHELSEA- REVERE- RESURFACING & RELATED WORK ON ROUTE 1	6	NHS	\$ 7,455,240	\$ 5,964,192	\$ 1,491,048	
NHS Subtotal ►				\$ 7,455,240	\$ 5,964,192	\$ 1,491,048	◀ 80% Federal + 20% Non-Federal

2015 Boston MPO Transportation Improvement Program

Draft Amendment One to the FFYs 2013-2016 TIP

MassDOT Project ID ▼	MassDOT Project Description ▼	MassDOT District ▼	Funding Source ▼	Total Programmed Funds ▼	Federal Funds ▼	Non-Federal Funds ▼	Additional Information ▼
► SRTS - Safe Routes to School Program							
N/A	SAUGUS- SAFE ROUTES TO SCHOOL (VETERANS MEMORIAL)	4	SRTS	\$ 432,000	\$ 432,000	\$ -	
N/A	SOMERVILLE- SAFE ROUTES TO SCHOOL (HEALEY SCHOOL)	4	SRTS	\$ 768,960	\$ 768,960	\$ -	
SRTS Subtotal ►				\$ 1,200,960	\$ 1,200,960	\$ -	◀ 100% Federal
► Statewide Infrastructure Program							
603917	STONEHAM- WOBURN- LIGHTING UPGRADES ON I-93	4	Statewide Infrastructure Program	\$ 5,400,000	\$ 4,320,000	\$ 1,080,000	
605733	BOSTON- HIGHWAY LIGHTING SYSTEM REPLACEMENT ON I-93, FROM SOUTHAMPTON STREET TO NEPONSET AVENUE	6	Statewide Infrastructure Program	\$ 600,000	\$ 480,000	\$ 120,000	
Statewide Infrastructure Subtotal ►				\$ 6,000,000	\$ 4,800,000	\$ 1,200,000	◀ 80% Federal + 20% Non-Federal
► Statewide ITS - Statewide Intelligent Transportation Systems Program							
606930	BRAINTREE- QUINCY- MILTON- BOSTON- HOV LANE TOW TRUCK SERVICES	6	Statewide ITS	\$ 200,000	\$ 160,000	\$ 40,000	
606931	BRAINTREE- QUINCY- MILTON- BOSTON- HOV LANE BARRIER TRANSFER VEHICLE (BTV) OPERATOR CONTRACT	6	Statewide ITS	\$ 200,000	\$ 160,000	\$ 40,000	
606932	BRAINTREE- QUINCY- MILTON- BOSTON- HOV LANE OPERATING EXPENSES	6	Statewide ITS	\$ 200,000	\$ 160,000	\$ 40,000	
Statewide ITS Subtotal ►				\$ 600,000	\$ 480,000	\$ 120,000	◀ 80% Federal + 20% Non-Federal
► Other							
N/A	ACCELERATED BRIDGE PROGRAM- BRIDGE	N/A	Other	\$ 150,000,000	\$ -	\$ -	First year of GANS payments for ABP
Other Subtotal ►				\$ 150,000,000	\$ -	\$ -	◀ Funding Split Varies by Funding Source

2015 Boston MPO Transportation Improvement Program

Draft Amendment One to the FFYs 2013-2016 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	\$ 235,800,000		\$ 135,800,000	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 FFY 2013-14 and begin programming New Starts funding of \$100,000,000 in FFY 2015 and \$100,000,000 in FFY 2016. 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	\$ 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. Prior amount was \$0.
Non-Federal Projects Subtotal ►				\$ 252,722,845		\$ 152,722,845	◀100% Non-Federal

► Section 2B / Non-Federal Bridge Projects

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

2015 Boston MPO TIP Summary - Highway

	TIP Section 1: ▼	TIP Section 2: ▼	Total of All Projects ▼	
Total ►	\$ 116,994,268	\$ -	\$ 116,994,268	◀ Total Spending in Region
Federal Funds ►	\$ 94,246,586		\$ 94,246,586	◀ Total Federal Spending in Region
Non-Federal Funds ►	\$ 22,747,682	\$ -	\$ 22,747,682	◀ 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

Draft Amendment One to the FFYs 2013-2016 TIP

Regional Transit Authority ▼	Project Description ▼	Federal Funds Source ▼	Federal Amount ▼	State Funds Source ▼	State Amount ▼	RTA Funds ▼	Total Cost ▼	Carryover and Year? ▼	Additional Information ▼ (if project split among funding categories or over multiple-years please input total project cost here)
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► Section 3 / Transit Operating

MBTA	REVENUE VEHICLES (OTHER VEHICLE PROGRAMS)	5307	\$ 55,000,000			\$ 13,750,000	\$ 68,750,000		
MBTA	SYSTEMS UPGRADES	5307	\$ 6,012,172			\$ 1,503,043	\$ 7,515,215		
MBTA	BRIDGES & TUNNELS	5307	\$ 60,000,000			\$ 15,000,000	\$ 75,000,000		
MBTA	PREVENTATIVE MAINTENANCE	5307	\$ 12,000,000			\$ 3,000,000	\$ 15,000,000		
CATA	CAPE ANN TRANSPORTATION AUTHORITY	5307	\$ 515,114		\$ 281,000		\$ 796,114		
	Preventative Maintenance	5307	\$ 300,000		\$ 75,000		\$ 375,000		
	29' Bus Rolling Stock (2)	5307	\$ 55,114		\$ 166,000		\$ 221,114		
	Support Equipment	5307	\$ 80,000		\$ 20,000		\$ 100,000		
	Facility Maintenance	5307	\$ 80,000		\$ 20,000		\$ 100,000		
MWRTA	METROWEST REGIONAL TRANSIT AUTHORITY	5307	\$ 1,668,698		\$ 417,175		\$ 2,085,873		
	ADA Paratransit	5307	\$ 1,300,000		\$ 325,000		\$ 1,625,000		
	Equipment and Facilities	5307	\$ 368,698		\$ 92,175		\$ 460,873		
Transit Operating Total ►			\$ 135,195,984		\$ 698,175	\$ 33,253,043	\$ 169,147,202		

► Section 4 / Transit Capital

MBTA	REVENUE VEHICLES- RED AND ORANGE LINE- NEW VEHICLE PROCUREMENT	5309	\$ 58,000,000			\$ 14,500,000	\$ 72,500,000		
MBTA	SYSTEM UPGRADES	5309	\$ 35,981,902			\$ 8,995,476	\$ 44,977,378		
Transit Capital Total ►			\$ 93,981,902		\$ -	\$ 23,495,476	\$ 117,477,378		

► Section 5 / Job Access Reverse Commute (JARC) - Section 5316 and New Freedom (NF) - Section 5317

	Friendship Home - Wheels to Work	5317	\$ 26,250			\$ 26,250	\$ 52,500		Operating
JARC and NF Total ►			\$ 26,250		\$ -	\$ 26,250	\$ 52,500		

2015 Boston MPO TIP Summary - Transit

TIP Section 3: ▼ TIP Section 4: ▼ TIP Section 5: ▼ Total of All Projects ▼

\$ 169,147,202	\$ 117,477,378	\$ 52,500	\$ 286,677,080	◀ Total Spending in Region
\$ 135,195,984	\$ 93,981,902	\$ 26,250	\$ 229,204,136	◀ Total Federal Spending in Region
\$ 33,951,218	\$ 23,495,476	\$ 26,250	\$ 57,472,944	◀ Total Non-Federal Spending in Region

2016 Boston MPO Transportation Improvement Program

Draft Amendment One to the FFYs 2013-2016 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 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	\$ 20,147,443	\$ 16,117,954	\$ 4,029,489	STP+ Northern Middlesex Council of Governments contribution (\$1,000,000) Total Cost = \$21,147,443
604810	MARLBOROUGH- RECONSTRUCTION OF ROUTE 85 (MAPLE STREET)	3	STP	\$ 3,397,727	\$ 2,718,182	\$ 679,545	STP+ CMAQ Total Cost = \$5,397,727
605657	MEDWAY- RECONSTRUCTION ON ROUTE 109, FROM HOLLISTON STREET TO 100 FT. WEST OF HIGHLAND STREET, INCLUDES REHAB OF M-13-012	3	STP	\$ 6,234,839	\$ 4,987,871	\$ 1,246,968	STP+ CMAQ Total Cost = \$11,234,839
STP Subtotal ►				\$ 29,780,009	\$ 23,824,007	\$ 5,956,002	◀ 80% Federal + 20% Non-Federal

► NHS - National Highway System

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	NHS-AC	\$ 23,500,000	18,800,000	4,700,000	AC Yr 4 of 5; NHS+BR Total Cost = \$127,500,000 (\$120,000,000 programmed within FFYs 2013-16 TIP, AC Yr 5 of 5 will be programmed in FFY 2017)
NHS Subtotal ►				\$ 23,500,000	\$ 18,800,000	\$ 4,700,000	◀ 80% Federal + 20% Non-Federal

► HSIP - Highway Safety Improvement Program

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

► CMAQ - Congestion Mitigation and Air Quality Improvement Program

605110	BROOKLINE- INTERSECTION & SIGNAL IMPROVEMENTS @ ROUTE 9 & VILLAGE SQUARE (GATEWAY EAST)	6	CMAQ	\$ 4,591,009	\$ 3,672,807	\$ 918,202	CMAQ+ Private Sector Contribution (\$1,000,000) Total Cost = \$5,591,009
604810	MARLBOROUGH- RECONSTRUCTION OF ROUTE 85 (MAPLE STREET)	3	CMAQ	\$ 2,000,000	\$ 1,600,000	\$ 400,000	STP+ CMAQ Total Cost = \$5,397,727
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+ CMAQ Total Cost = \$11,234,839
	GREEN LINE EXTENSION PROJECT (PHASE II), MEDFORD HILLSIDE (COLLEGE AVENUE) TO MYSTIC VALLEY PARKWAY/ROUTE 16		CMAQ	\$ 8,100,000	\$ 6,480,000	\$ 1,620,000	Total Cost = \$190,100,000 (\$8,100,000 programmed with FFYs 2013-16 TIP)
456661	CLEAN AIR AND MOBILITY		CMAQ	\$ 3,000,000	\$ 2,400,000	\$ 600,000	
No Projects Programmed				\$ -	\$ -	\$ -	
CMAQ Subtotal ►				\$ 22,691,009	\$ 18,152,807	\$ 4,538,202	◀ 80% Federal + 20% Non-Federal

2016 Boston MPO Transportation Improvement Program

Draft Amendment One to the FFYs 2013-2016 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 1A / Fiscal Constraint Analysis

Total Federal Aid Target Funds Programmed ▶	\$ 75,971,018	\$ 76,083,999 ◀	Total Target	\$ 112,981	Target Funds Available
Total STP Programmed ▶	\$ 29,780,009	\$ 63,193,868	◀ Max. STP	\$ 33,413,859	STP Available
Total NHS Programmed ▶	\$ 23,500,000	\$ -	◀ Min. NHS	\$ (23,500,000)	NHS funds are from STP
Total HSIP Programmed ▶	\$ -	\$ 4,296,710	◀ Min. HSIP	\$ 4,296,710	HSIP Minimum Not Met
Total CMAQ Programmed ▶	\$ 22,691,009	\$ 8,593,421	◀ Min. CMAQ	\$ (14,097,588)	CMAQ Minimum Met

► Section 1B / Federal Aid Bridge Projects

607132	QUINCY- BRIDGE REPLACEMENT, STEDMAN STREET OVER I-93/US 1/SR 3	6	BR-Off	\$ 3,081,792	\$ 2,465,434	\$ 616,358	
607133	QUINCY- BRIDGE REPLACEMENT, ROBERTSON STREET OVER I-93/US 1/SR 3	6	BR-Off	\$ 3,454,080	\$ 2,763,264	\$ 690,816	
604173	BOSTON- BRIDGE REHABILITATION, B-16-016, NORTH WASHINGTON STREET OVER THE CHARLES RIVER	6	BR-AC	\$ 2,600,000	\$ 2,080,000	\$ 520,000	AC Yr 1; Total Cost = \$52,999,912 (\$2,600,000 programmed within FFYs 2013-16 TIP)
600867	BOSTON- BRIDGE REPLACEMENT, B-16-237, MASSACHUSETTS AVENUE (ROUTE 2A) OVER COMMONWEALTH AVENUE	6	BR-AC	\$ 9,000,000	\$ 7,200,000	\$ 1,800,000	AC Yr 2 of 4; Total Cost = \$23,117,239 (\$11,916,000 programmed within FFYs 2013-16 TIP)
603722	LEXINGTON- BRIDGE REPLACEMENT, L-10-010, ROUTE 2A (MARRETT ROAD) OVER I-95/ROUTE 128	4	BR-AC	\$ 10,000,000	\$ 8,000,000	\$ 2,000,000	AC Yr 2 of 3; Total Cost = \$22,117,239 (\$11,572,762 programmed within FFYs 2013-16 TIP)
BR Subtotal ▶				\$ 28,135,872	\$ 22,508,698	\$ 5,627,174	◀ 80% Federal + 20% Non-Federal

► Section 1C / Federal Aid Non-Target Projects

► Earmarks

No Projects Programmed		\$ -	\$ -	\$ -	
Earmarks Subtotal ▶		\$ -	\$ -	\$ -	◀ Funding Split Varies by Earmark

► Other

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

2016 Boston MPO Transportation Improvement Program

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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)	5	IM	\$ 12,475,904	\$ 11,228,314	\$ 1,247,590	
606546	FRANKLIN- INTERSTATE MAINTENANCE & RELATED WORK ON I-495	3	IM	\$ 10,149,888	\$ 9,134,899	\$ 1,014,989	
IM Subtotal ►				\$ 22,625,792	\$ 20,363,213	\$ 2,262,579	◀ 90% Federal + 10% Non-Federal

► NHSP - National Highway System Preservation Program

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

► SRTS - Safe Routes to School Program

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

► Statewide Infrastructure Program

603917	STONEHAM- WOBURN- LIGHTING UPGRADES ON I-93	4	Statewide Infrastructure Program	\$ 3,600,000	\$ 2,880,000	\$ 720,000	
605733	BOSTON- HIGHWAY LIGHTING SYSTEM REPLACEMENT ON I-93, FROM SOUTHAMPTON STREET TO NEPONSET AVENUE	6	Statewide Infrastructure Program	\$ 1,350,000	\$ 1,080,000	\$ 270,000	
Statewide Infrastructure Subtotal ►				\$ 4,950,000	\$ 3,960,000	\$ 990,000	◀ 80% Federal + 20% Non-Federal

► 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	CMAQ	\$ 2,053,972	\$ 1,643,178	\$ 410,794	
602165	STONEHAM- SIGNAL & INTERSECTION IMPROVEMENTS AT ROUTE 28/NORTH STREET	4	CMAQ	\$ 3,519,779	\$ 2,815,823	\$ 703,956	
602462	HOLLISTON- SIGNAL INSTALLATION AT ROUTE 16/126 AND OAK STREET	3	CMAQ	\$ 1,120,000	\$ 896,000	\$ 224,000	
Statewide CMAQ Subtotal ►				\$ 6,693,751	\$ 5,355,001	\$ 1,338,750	◀ 80% Federal + 20% Non-Federal

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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 ITS - Statewide Intelligent Transportation Systems Program**

606930	BRAINTREE- QUINCY- MILTON- BOSTON- HOV LANE TOW TRUCK SERVICES	6	Statewide ITS	\$ 350,000	\$ 280,000	\$ 70,000	
606931	BRAINTREE- QUINCY- MILTON- BOSTON- HOV LANE BARRIER TRANSFER VEHICLE (BTV) OPERATOR CONTRACT	6	Statewide ITS	\$ 800,000	\$ 640,000	\$ 160,000	
606932	BRAINTREE- QUINCY- MILTON- BOSTON- HOV LANE OPERATING EXPENSES	6	Statewide ITS	\$ 200,000	\$ 160,000	\$ 40,000	
Statewide ITS Subtotal ►				\$ 1,350,000	\$ 1,080,000	\$ 270,000	◀ 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	\$ 302,000,000		\$ 202,000,000	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 FFY 2013-14 and begin programming New Starts funding of \$100,000,000 in FFY 2015 and \$100,000,000 in FFY 2016. The Commonwealth is committed to fully funding this project with bond funds if New Starts is not awarded.
Non-Federal Projects Subtotal ►				\$ 302,000,000		\$ 202,000,000	◀ 100% Non-Federal

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

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

2016 Boston MPO Transportation Improvement Program

Draft Amendment One to the FFYs 2013-2016 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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2016 Boston MPO TIP Summary - Highway

	TIP Section 1: ▼	TIP Section 2: ▼	Total of All Projects ▼	
Total ▶	\$ 139,726,433	\$ -	\$ 139,726,433	◀ Total Spending in Region
Federal Funds ▶	\$ 114,043,726		\$ 114,043,726	◀ Total Federal Spending in Region
Non-Federal Funds ▶	\$ 25,682,707	\$ -	\$ 25,682,707	◀ 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

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Regional Transit Authority ▼	Project Description ▼	Federal Funds Source ▼	Federal Amount ▼	State Funds Source ▼	State Amount ▼	RTA Funds ▼	Total Cost ▼	Carryover and Year? ▼	Additional Information ▼ (if project split among funding categories or over multiple-years please input total project cost here)
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► Section 3 / Transit Operating

MBTA	REVENUE VEHICLES (OTHER VEHICLE PROGRAMS)	5307	\$ 60,000,000			\$ 15,000,000	\$ 75,000,000		
MBTA	SYSTEMS UPGRADES	5307	\$ 11,012,172			\$ 2,753,043	\$ 13,765,215		
MBTA	TRACK/RIGHT-OF-WAY	5307	\$ 25,000,000			\$ 6,250,000	\$ 31,250,000		
MBTA	FACILITIES (YARDS, SHOPS, PARKING, ETC.)	5307	\$ 25,000,000			\$ 6,250,000	\$ 31,250,000		
MBTA	PREVENTATIVE MAINTENANCE	5307	\$ 12,000,000			\$ 3,000,000	\$ 15,000,000		
CATA	CAPE ANN TRANSPORTATION AUTHORITY	5307	\$ 173,000		\$ 301,000		\$ 474,000		
	Preventative Maintenance	5307	\$ 38,000		\$ 95,000		\$ 133,000		
	29' Bus Rolling Stock (2)	5307	\$ 135,000		\$ 95,000		\$ 230,000		
	Security Equipment	5307	\$ -		\$ 111,000		\$ 111,000		
MWRTA	METROWEST REGIONAL TRANSIT AUTHORITY	5307	\$ 1,668,698		\$ 417,175		\$ 2,085,873		
	ADA Paratransit	5307	\$ 1,300,000		\$ 325,000		\$ 1,625,000		
	Equipment and Facilities	5307	\$ 368,698		\$ 92,175		\$ 460,873		
Transit Operating Total ►			\$ 134,853,870		\$ 718,175	\$ 33,253,043	\$ 168,825,088		

► Section 4 / Transit Capital

MBTA	REVENUE VEHICLES- RED AND ORANGE LINE- NEW VEHICLE PROCUREMENT	5309	\$ 70,000,000			\$ 17,500,000	\$ 87,500,000		
MBTA	SYSTEM UPGRADES	5309	\$ 23,981,902			\$ 5,995,476	\$ 29,977,378		
Transit Capital Total ►			\$ 93,981,902		\$ -	\$ 23,495,476	\$ 117,477,378		

2016 Boston MPO TIP Summary - Transit

TIP Section 3: ▼ TIP Section 4: ▼ Total of All Projects ▼

\$ 168,825,088	\$ 117,477,378	\$286,302,466	◀ Total Spending in Region
\$ 134,853,870	\$ 93,981,902	\$228,835,772	◀ Total Federal Spending in
\$ 33,971,218	\$ 23,495,476	\$ 57,466,694	◀ Total Non-Federal Spending in