

# 2013 Boston MPO Transportation Improvement Program

Draft Amendment Five 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 ▼
----------------------	-------------------------------	--------------------	------------------	--------------------------	-----------------	---------------------	--------------------------

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

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	\$ 8,614,247	\$ 6,891,398	\$ 1,722,849	cost increase of \$1,486,195; was \$7,128,052
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	\$ -	\$ -	\$ -	moved out to FFY 2015; was \$3,340,620 of STP in FFY 2013
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 ►				\$ 23,528,631	\$ 18,822,905	\$ 4,705,726	◀ 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	\$ 28,167,058	\$ 22,533,646	\$ 5,633,412	cost increase; was \$26,000,000 of NHS in FFY 2013
NHS Subtotal ►				\$ 28,167,058	\$ 22,533,646	\$ 5,633,412	◀ 80% Federal + 20% Non-Federal

# 2013 Boston MPO Transportation Improvement Program

Draft Amendment Five 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 ▼
----------------------	-------------------------------	--------------------	------------------	--------------------------	-----------------	---------------------	--------------------------

## ► HSIP - Highway Safety Improvement Program

602984	CONCORD- LINCOLN- LIMITED ACCESS HIGHWAY IMPROVEMENTS AT ROUTE 2 & 2A, BETWEEN CROSBY'S CORNER & BEDFORD ROAD, INCLUDES C-	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 Specifications

## ► 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	\$ 5,531,280	\$ 4,425,024	\$ 1,106,256	cost increase of \$257,367; was \$5,273,913
	CLEAN AIR AND MOBILITY	N/A	CMAQ	\$ 253,010	\$ 202,408	\$ 50,602	
606885	Arlington- Bikeway Connection at Intersection Route 3 and Route 60	4	CMAQ	\$ -	\$ -	\$ -	moved out to FFY 2014; was \$570,000
	Brookline- Bike Share, Year 2		CMAQ	\$ 95,732	\$ 76,586	\$ 19,146	
	Cambridge- Bike Share, Year 3		CMAQ	\$ 157,278	\$ 125,822	\$ 31,456	
CMAQ Subtotal ►				\$ 8,762,630	\$ 7,010,104	\$ 1,752,526	◀ 80% Federal + 20% Non-Federal

## ► Section 1A / Fiscal Constraint Analysis

<b>Total Federal Aid Target Funds Programmed ►</b>	\$ 65,755,029	<b>\$ 65,755,029</b>	<b>◀ Total Target</b>	\$ -	<b>Target Funds Available</b>
Total STP Programmed ►	\$ 23,528,631	\$ 52,864,898	◀ Max. STP	\$ 29,336,267	STP Available
Total NHS Programmed ►	\$ 28,167,058	\$ -	◀ Min. NHS	\$ (28,167,058)	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 ►	\$ 8,762,630	\$ 8,593,421	◀ Min. CMAQ	\$ (169,209)	CMAQ Minimum Met

## ► Section 1B / Federal Aid Bridge Projects

607110	BEDFORD- BRIDGE PRESERVATION, SR 4 (GREAT ROAD) OVER THE SHAWSHEEN RIVER	4	BR-Off	\$ -	\$ -	\$ -	removed from TIP; was \$586,250
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	

# 2013 Boston MPO Transportation Improvement Program

Draft Amendment Five 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 ▼
<b>► Federal Aid Bridge Projects (continued)</b>							
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)
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	portion of 606170 was added to project; AC Yr 1 of 3; Total Cost = \$43,584,017
BR Subtotal ►				\$ 20,767,070	\$ 16,613,656	\$ 4,153,414	◀ 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
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	6	HPP (1998)	\$ -	\$ -	\$ -	moved out to FFY 2015; was \$7,999,380 of HPP (1998) in FFY 2013
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)	\$ -	\$ -	\$ -	moved out to FFY 2014 (will fund construction); HPP 2012; was \$500,000
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
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

# 2013 Boston MPO Transportation Improvement Program

Draft Amendment Five 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 ▼
<b>► Earmarks (continued)</b>							
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
604361	BOSTON- CAMBRIDGE- BRIDGE REHABILITATION, B-16-009=C-01-002, CAMBRIDGE STREET OVER THE CHARLES RIVER (LONGFELLOW BRIDGE)	6	§ 112 (2006)	\$ 693,000	\$ 693,000	\$ -	
MBTA	WACHUSETT COMMUTER RAIL EXTENSION		REF	\$ 408,179	\$ 408,179	\$ -	Repurposed Earmark Funding
MBTA	WACHUSETT COMMUTER RAIL EXTENSION		REF	\$ 983,928	\$ 983,928	\$ -	Repurposed Earmark Funding
MBTA	WACHUSETT COMMUTER RAIL EXTENSION		REF	\$ 495,000	\$ 495,000	\$ -	Repurposed Earmark Funding
N/A	BOSTON INNER HARBOR FERRY SERVICE		FBD	\$ 1,600,000	\$ 1,280,000	\$ 320,000	Ferry Boat Discretionary (FBD) Program; City of Boston Match; previously programmed in FFY 2012
N/A	WATERTOWN BIKE PATH, PHASE II ROW ACQUISITION		HPP (1998)	\$ 599,856	\$ 479,885	\$ 119,971	ROW Acquisition; HPP 1400; TEA-21 (HPP 1400)+TEA-21 (HPP 1424) + City of Cambridge (\$200,000) + DCR (\$819,787) Total Cost = \$1,500,000
N/A	WATERTOWN BIKE PATH, PHASE II ROW ACQUISITION		HPP (1998)	\$ 409	\$ 327	\$ 82	ROW Acquisition; HPP 1424; TEA-21 (HPP 1400)+TEA-21 (HPP 1424) + City of Cambridge (\$200,000) + DCR (\$819,787) Total Cost = \$1,500,000
N/A	FAIRMOUNT CORRIDOR BUSINESS DEVELOPMENT AND RIDERSHIP INITIATIVE		TCSP	\$ 440,625	\$ 352,500	\$ 88,125	Transportation, Community and System Preservation Program (TCSP); State Match
N/A	ESSEX COASTAL SCENIC BYWAY WAYFINDING SIGNAGE SYSTEM		NSBP	\$ 275,000	\$ 220,000	\$ 55,000	National Scenic Byways Program (NSBP); State Match
N/A	KENDALL SQUARE EMPLOYER TRANSPORTATION BENEFIT PRICING TRIAL		VPPP	\$ 929,840	\$ 743,872	\$ 185,968	Value Pricing Pilot Program (VPPP); MIT Match
Earmarks Subtotal ►				\$ 33,392,624	\$ 27,475,121	\$ 5,917,503	◀ Funding Split Varies by Earmark

<b>► Other</b>							
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

# 2013 Boston MPO Transportation Improvement Program

Draft Amendment Five 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 ▼
----------------------	-------------------------------	--------------------	------------------	--------------------------	-----------------	---------------------	--------------------------

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

### ► IM - Interstate Maintenance

607179	FRANKLIN- INTERSTATE MAINTENANCE & RELATED WORK ON I-495	3	IM	\$ 5,927,376	\$ 5,334,638	\$ 592,738	cost increase of \$773,136; was \$5,154,240
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	\$ 28,893,750	\$ 26,004,375	\$ 2,889,375	cost decrease (portion of project to be incorporated into 600703); was \$33,205,200
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	\$ 15,417,841	\$ 13,876,057	\$ 1,541,784	cost increase of \$936,881; was \$14,480,960
IM Subtotal ►				\$ 72,363,967	\$ 65,127,570	\$ 7,236,397	◀ 90% Federal + 10% Non-Federal

### ► NHSPP - 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	\$ 677,726	\$ 677,726	\$ -	cost increase of \$114,726; was \$553,000
606516	WAKEFIELD- SAFE ROUTES TO SCHOOLS (DOLBEARE SCHOOL)	4	SRTS	\$ 521,259	\$ 521,259	\$ -	cost increase of \$8,259; was \$513,000
SRTS Subtotal ►				\$ 1,198,985	\$ 1,198,985	\$ -	◀ 100% Federal

### ► Statewide Infrastructure Program

604937	LEXINGTON- NEWTON- WALTHAM- WELLESLEY- WESTON- TRAFFIC SIGN REPLACEMENT ON I-95, FROM WELLESLEY (ROUTE 9) TO LEXINGTON	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

# 2013 Boston MPO Transportation Improvement Program

Draft Amendment Five 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 ITS - Statewide Intelligent Transportation Systems Program**

606432	BURLINGTON- WOBURN- READING- EXPANSION OF FIBER, CCTV, VMS & TRAFFIC SENSOR NETWORK ON I-95	4	Statewide ITS	\$ -	\$ -	\$ -	moved out to FFY 2014; was \$4,000,000
606283	HOPKINTON TO ANDOVER- INSTALLATION OF CAMERAS, MESSAGE SIGNS & COMMUNICATION INFRASTRUCTURE ON I-495 (DESIGN/BUILD ITS)	3	Statewide ITS	\$ 8,000,000	\$ 6,400,000	\$ 1,600,000	cost increase of \$2,000,000; was \$6,000,000
606497	BRAINTREE- QUINCY- MILTON- BOSTON- HOV LANE TOW TRUCK SERVICES	6	Statewide ITS	\$ -	\$ -	\$ -	combined with 606498: HOV Lane Barrier Transfer Vehicle (BTV) Operator Contract; was \$550,000
606498	BRAINTREE- QUINCY- MILTON- BOSTON- HOV LANE BARRIER TRANSFER VEHICLE (BTV) OPERATOR CONTRACT	6	Statewide ITS	\$ 1,550,000	\$ 1,240,000	\$ 310,000	combined with 606497: HOV Lane Tow Truck Services; was \$1,000,000
606422	BRAINTREE- QUINCY- MILTON- BOSTON- HOV LANE OPERATING EXPENSES	6	Statewide ITS	\$ 500,000	\$ 400,000	\$ 100,000	
Statewide ITS Subtotal ►				\$ 10,050,000	\$ 8,040,000	\$ 2,010,000	◀ 80% Federal + 20% Non-Federal

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

MBTA	MBTA - Procurement of 10 Option Locomotives	N/A	Statewide CMAQ	\$ 53,850,000	\$ 43,080,000	\$ 10,770,000	MBTA will provide the 20% match
604688	BELMONT- WATERTOWN- RECONSTRUCTION ON TRAPELO ROAD & BELMONT STREET	4	Statewide CMAQ	\$ 2,231,376	\$ 1,785,101	\$ 446,275	FFY 2012 Funding (\$16,471,337) + Statewide CMAQ Total Cost = \$18,702,713; will be readvertised in FFY 2013
Statewide CMAQ Subtotal ►				\$ 56,081,376	\$ 44,865,101	\$ 11,216,275	◀ 80% Federal + 20% Non-Federal

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

602514	BEVERLY- CONSTRUCTION OF A WALKWAY ON BEVERLY HARBORFRONT	4	Statewide TE	\$ -	\$ -	\$ -	combined with 605121: SALEM- CAUSEWAY PARK CONSTRUCTION; was \$570,665
606137	FRAMINGHAM- BIKE PATH CONSTRUCTION & IMPROVEMENTS ON COCHITUATE RAIL TRAIL, FROM SCHOOL STREET TO ROUTE 30	3	Statewide TE	\$ 801,602	\$ 641,282	\$ 160,320	cost increase; was \$792,731
605121	BEVERLY- SALEM- HARBORFRONT WALKWAY & CAUSEWAY PARK CONSTRUCTION	4	Statewide TE	\$ 2,232,634	\$ 1,786,107	\$ 446,527	combined with 602514: BEVERLY- CONSTRUCTION OF A WALKWAY ON BEVERLY HARBORFRONT; was \$2,012,315 (\$1,441,650+\$570,665)
Statewide TE Subtotal ►				\$ 3,034,236	\$ 2,427,389	\$ 606,847	◀ 80% Federal + 20% Non-Federal

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

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

# 2013 Boston MPO Transportation Improvement Program

Draft Amendment Five 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 ▼
<b>► Other</b>							
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	\$ 38,455,000	\$ -	\$ -	was \$70,710,000
N/A	CENTRAL ARTERY/TUNNEL PROJECT- STATE TRANSPORTATION PROGRAM	N/A	Other	\$ 20,000,000	\$ -	\$ -	
Other Subtotal ►				\$ 108,750,000	\$ -	\$ -	◀ 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.
Non-Federal Projects Subtotal ►				\$ 113,439,099		\$ 113,439,099	◀ 100% Non-Federal

# 2013 Boston MPO Transportation Improvement Program

Draft Amendment Five 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 ▼
----------------------	-------------------------------	--------------------	------------------	--------------------------	-----------------	---------------------	--------------------------

## ► 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	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)
603710	FRAMINGHAM- BRIDGE REPLACEMENT, F-07-015, WINTER STREET OVER MBTA, AMTRAK, & CSX RAILROAD	3	ABP-GANS	\$ 12,420,611		\$ -	Total Construction Cost = \$12,420,611
605528	REVERE- BRIDGE REPLACEMENT, R-05-001, REVERE BEACH PARKWAY OVER MBTA (WINTHROP AVENUE)	4	ABP-GANS	\$ 9,120,896		\$ -	Total Construction Cost = \$9,120,896
Non-Federal Bridge Projects Subtotal►				\$ 96,014,848		\$ -	◀100% Non-Federal

# 2013 Boston MPO TIP Summary - Highway

	TIP Section 1: ▼	TIP Section 2: ▼	Total of All Projects ▼	
Total ►	\$ 271,549,901	\$ 96,014,848	\$ 367,564,749	◀ Total Spending in Region
Federal Funds ►	\$ 226,006,807		\$ 226,006,807	◀ Total Federal Spending in Region
Non-Federal Funds ►	\$ 45,543,094	\$ 96,014,848	\$ 141,557,942	◀ 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>



# 2013 Boston MPO Transportation Improvement Program

Draft Amendment Five 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 ▼
----------------------------	-----------------------	----------------------	------------------	----------------------	----------------	-------------	--------------	---------------------	--------------------------

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 3 / Transit Operating - Section 5307

MBTA	POWER PROGRAM	5307	\$ -			\$ -	\$ -		removed; was \$59,084,408
MBTA	SIGNALS (RED LINE SIGNAL UPGRADE)	5307	\$ 8,000,000			\$ 2,000,000	\$ 10,000,000		
MBTA	BRIDGES AND TUNNELS (RED LINE LEAK REPAIRS)	5307	\$ 20,317,216			\$ 5,079,304	\$ 25,396,520		
MBTA	BRIDGES AND TUNNELS	5307	\$ 16,000,000			\$ 4,000,000	\$ 20,000,000		
MBTA	SYSTEMS UPGRADES	5307	\$ 6,198,310			\$ 1,549,578	\$ 7,747,888		was \$10,982,583
MBTA	STATIONS (ACCESSIBILITY) - GOVERNMENT CENTER	5307	\$ 53,492,698			\$ 13,373,175	\$ 66,865,873		was \$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	\$ 8,500,000			\$ 2,125,000	\$ 10,625,000		now funded with Section 5337; Section 5309 discontinued at the end of FFY 2012; was \$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	\$ 14,400,000			\$ 3,600,000	\$ 18,000,000	YES, 2012	was \$27,500,000
MBTA	SYSTEMS UPGRADES	5307	\$ 3,261,463			\$ 815,366	\$ 4,076,829	YES, 2012	was \$2,015,959
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	

# 2013 Boston MPO Transportation Improvement Program

Draft Amendment Five 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 ▼
----------------------------	-----------------------	----------------------	------------------	----------------------	----------------	-------------	--------------	---------------------	--------------------------

► Section 3 (continued)

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	combined into Super Grant 5307
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	combined into Super Grant 5307
CATA	CAPE ANN TRANSPORTATION AUTHORITY		\$ -		\$ 206,000		\$ 206,000		
	Preventative Maintenance	5307	\$ -		\$ -		\$ -		was \$375,000
	29' Bus Rolling Stock (4)	5307	\$ -		\$ -		\$ -		was \$420,000
	Rehabilitation/Renovation of Maintenance Facility		\$ -		\$ 206,000		\$ 206,000		Total cost covered by RTACAP
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		
<b>Transit Operating Total ►</b>			<b>\$ 424,471,859</b>		<b>\$ 673,175</b>	<b>\$ 105,700,790</b>	<b>\$ 530,845,824</b>		

► Section 4 / Transit Capital - Section 5309

MBTA	STATIONS (ACCESSIBILITY)	5309	\$ 42,274,867			\$ 10,568,717	\$ 52,843,584		now funded with Section 5337; Section 5309 discontinued at the end of FFY 2012
MBTA	SYSTEMS UPGRADES	5309	\$ 3,760,000			\$ 940,000	\$ 4,700,000		now funded with Section 5337; Section 5309 discontinued at the end of FFY 2012; was \$4,633,794
MBTA	BRIDGES AND TUNNELS	5309	\$ 48,000,000			\$ 12,000,000	\$ 60,000,000		now funded with Section 5337; Section 5309 discontinued at the end of FFY 2012

# 2013 Boston MPO Transportation Improvement Program

Draft Amendment Five 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 ▼
▶ Section 4 (continued)									
MBTA	REVENUE VEHICLES (GREEN LINE #8 UPGRADES)	5337	\$ 9,400,000			\$ 2,350,000	\$ 11,750,000		funded with Section 5337
MBTA	TRACK/RIGHT-OF-WAY (RED LINE FLOATING SLAB)	5337	\$ 7,599,443			\$ 1,899,861	\$ 9,499,304		funded with Section 5337
MBTA	SYSTEMS UPGRADES	5339	\$ 5,202,388			\$ 1,300,597	\$ 6,502,985		funded with Section 5339
MBTA	REVENUE VEHICLES (74 KAWASAKI COACHES - OVERHAUL)	5309	\$ 93,739,299			\$ 23,434,825	\$ 117,174,124	YES, 2012	
MBTA	SYSTEM UPGRADES	5309	\$ 385,357			\$ 96,339	\$ 481,696	YES, 2012	combined into Super Grant 5309; was \$303,254
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	combined into Super Grant 5309
MBTA	SYSTEM UPGRADES	5309	\$ 17,134,892			\$ 4,283,723	\$ 21,418,615	YES, 2011	combined into Super Grant 5309
	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		
MWRTA	PARATRANSIT CALL CENTER	VTCLI	\$ 1,025,000	RTA Capital	\$25,000		\$ 1,050,000		Veterans Transportation Community Living Initiative (VTCLI) grant; Match includes \$231,250 (toll credits) and \$25,000 (RTACAP)
				Toll Development Credits	\$231,250				
<b>Transit Capital Total ▶</b>			<b>\$ 362,964,687</b>		<b>\$ 256,250</b>	<b>\$ 90,209,922</b>	<b>\$ 453,199,609</b>		

# 2013 Boston MPO Transportation Improvement Program

Draft Amendment Five 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 ▼
<b>► Section 5 / Job Access Reverse Commute (JARC) - Section 5316 and New Freedom (NF) - Section 5317</b>									
<b>MWRTA</b>	JARC Technology Grant	5316	\$ 464,000		\$ 66,000		\$ 530,000		previously awarded
<b>MWRTA</b>	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
<b>MBTA</b>	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)
<b>JARC and NF Total ►</b>			<b>\$ 1,628,273</b>		<b>\$ 66,000</b>	<b>\$ 917,951</b>	<b>\$ 2,612,224</b>		

# 2013 Boston MPO TIP Summary - Transit

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

\$ 530,845,824	\$ 453,430,859	\$ 2,612,224	\$ 986,888,907	◀ Total Spending in Region
\$ 424,471,859	\$ 362,964,687	\$ 1,628,273	\$ 789,064,819	◀ Total Federal Spending in Region
\$ 106,373,965	\$ 90,466,172	\$ 983,951	\$ 197,824,088	◀ Total Non-Federal Spending in Region