

# 2012 Boston MPO Transportation Improvement Program

Action on Amendment Three to the FFY 2012 Element of the FFYs 2012-15 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

604688	BELMONT- WATERTOWN- RECONSTRUCTION ON TRAPELO ROAD & BELMONT STREET	4	TE	\$ 1,951,198	\$ 1,560,958	\$ 390,240	CMAQ+TE+Statewide TE Total Cost = \$16,471,337
602984	CONCORD- LINCOLN- LIMITED ACCESS HIGHWAY IMPROVEMENTS AT ROUTE 2 & 2A, BETWEEN CROSBY'S CORNER & BEDFORD ROAD, INCLUDES C-19-024	4	STP-AC	\$ 11,900,127	\$ 9,520,102	\$ 2,380,025	AC Yr 2 of 4; STP+CMAQ+HSIP Total Cost = \$61,723,980 (AC Yr 1 of 4 was programmed in FFY 2011)
601586	NATICK- WELLESLEY- INTERSECTION IMPROVEMENTS @ ROUTE 9 (WORCESTER STREET) & OAK STREET, FROM 1500' WEST OF OAK STREET TO 300' EAST OF OVERBROOK DRIVE	3	TE	\$ 534,172	\$ 427,337	\$ 106,834	STP+TE+Statewide TE+Earmark Total Cost = \$5,880,672
STP Subtotal ►				\$ 14,385,497	\$ 11,508,397	\$ 2,877,099	◀ 80% Federal + 20% Non-Federal

### ► NHS - National Highway System

603206	DEDHAM- NEEDHAM- BRIDGE REPLACEMENT ON ROUTE 128 (ADD-A-LANE BRIDGES) D-05-042, D-05-043, D-05-040, D-05-041, D-05-038=N-04-030, D-05-039, N-04-029 (BRIDGE IV)	4	NHS-AC	\$ 17,326,250	\$ 13,861,000	\$ 3,465,250	AC Yr 4 of 4
NHS Subtotal ►				\$ 17,326,250	\$ 13,861,000	\$ 3,465,250	◀ Funding Split Varies by Project Specifications

### ► 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 2 of 4; STP+CMAQ+HSIP Total Cost = \$61,723,980 (AC Yr 1 of 4 was programmed in FFY 2011)
HSIP Subtotal ►				\$ 4,296,710	\$ 3,867,039	\$ 429,671	◀ Funding Split Varies by Project Specifications

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<b>► CMAQ - Congestion Mitigation and Air Quality Improvement Program</b>							
604688	BELMONT- WATERTOWN- RECONSTRUCTION ON TRAPELO ROAD & BELMONT STREET	4	CMAQ	\$ 13,544,540	\$ 10,835,632	\$ 2,708,908	CMAQ+TE+Statewide TE Total Cost = \$16,471,337
601586	NATICK- WELLESLEY- INTERSECTION IMPROVEMENTS @ ROUTE 9 (WORCESTER STREET) & OAK STREET, FROM 1500' WEST OF OAK STREET TO 300' EAST OF OVERBROOK DRIVE	3	CMAQ	\$ 3,693,415	\$ 2,954,732	\$ 738,683	CMAQ+TE+Statewide TE+Earmark Total Cost = \$5,880,672
N/A	CLEAN AIR AND MOBILITY	N/A	CMAQ	\$ 2,151,612	\$ 1,721,290	\$ 430,322	
	Acton- Rail Shuttle, Year 3		CMAQ	\$ 66,392	\$ 55,327	\$ 11,065	
	Boston- Bike Share, Year 3		CMAQ	\$ 720,000	\$ 600,000	\$ 120,000	
	Cambridge- Bike Share, Year 2		CMAQ	\$ 150,986	\$ 125,822	\$ 25,164	
	CATA- Stage Fort Shuttle, Year 3		CMAQ	\$ 6,000	\$ 5,000	\$ 1,000	
604331	SOMERVILLE- MULTI-USE PATH CONSTRUCTION, FROM CEDAR STREET TO LOWELL STREET (PHASE I)	4	CMAQ	\$ 1,087,612	\$ 870,090	\$ 217,522	Clean Air and Mobility Program+Earmark Total Cost = \$2,100,000
CMAQ Subtotal ►				\$ 19,389,567	\$ 15,511,654	\$ 3,877,913	◀ 80% Federal + 20% Non-Federal

## ► Section 1A / Fiscal Constraint Analysis

Total Federal Aid Target Funds Programmed ►	\$ 55,398,024	\$ 55,398,024	◀ Total Target	\$ -	Target Funds Available
Total STP Programmed ►	\$ 14,385,497	\$ 51,101,314	◀ Max. STP	\$ 36,715,817	STP Available
Total NHS Programmed ►	\$ 17,326,250	\$ -	◀ Min. NHS	\$ (17,326,250)	NHS funds are from STP target
Total HSIP Programmed ►	\$ 4,296,710	\$ 4,296,710	◀ Min. HSIP	\$ -	HSIP Minimum Met
Total CMAQ Programmed ►	\$ 19,389,567	\$ -	◀ Min. CMAQ	\$ (19,389,567)	

## ► Section 1B / Federal Aid Bridge Projects

605414	FOXBOROUGH- BRIDGE PRESERVATION, F-06-015, I-95 OVER GREEN STREET	5	BR	\$ 2,590,000	\$ 2,072,000	\$ 518,000	
602839	FRAMINGHAM- BRIDGE REPLACEMENT, F-07-009, CENTRAL STREET OVER SUDBURY RIVER	3	BR	\$ 7,040,000	\$ 5,632,000	\$ 1,408,000	
606609	DANVERS- BRIDGE REPLACEMENT, D-03-013, ROUTE 35 (WATER STREET) OVER WATERS RIVER	4	BR	\$ 5,132,820	\$ 4,106,256	\$ 1,026,564	Prior funding obligation +BR Total Cost = \$9,995,000
604517	BOSTON- BRIDGE REPLACEMENT, B-16-020=C-09-004, CHELSEA STREET OVER THE CHELSEA RIVER	4	BR-AC	\$ 16,339,448	\$ 13,071,558	\$ 3,267,890	AC Yr 5 of 5
603370	BOSTON- BRIDGE REHABILITATION, B-16-029, ROUTE 99 (ALFORD STREET) OVER MYSTIC RIVER	6	BR-AC	\$ 14,000,000	\$ 11,200,000	\$ 2,800,000	AC Yr 2 of 4
BR Subtotal ►				\$ 45,102,268	\$ 36,081,814	\$ 9,020,454	◀ 80% Federal + 20% Non-Federal

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

### ► Earmarks

606134	BOSTON- TRAFFIC SIGNAL IMPROVEMENTS ON BLUE HILL AVENUE AND WARREN STREET	6	HPP (2005)	\$ 321,800	\$ 257,440	\$ 64,360	Design; HPP 2129; Local Match
605173	MALDEN- REHABILITATION ON PLEASANT STREET, FROM MALDEN CITY HALL TO MAIN STREET	4	HPP (2005)	\$ 1,709,810	\$ 1,367,848	\$ 341,962	Construction; HPP 589
606235	QUINCY- ADAMS GREEN TRANSPORTATION IMPROVEMENTS	6	HPP (2005)	\$ 296,500	\$ 237,200	\$ 59,300	Design; HPP 4272; Local Match
604331	SOMERVILLE- MULTI-USE PATH CONSTRUCTION, FROM CEDAR STREET TO LOWELL STREET (PHASE I)	4	HPP (2005)	\$ 1,012,389	\$ 809,911	\$ 202,478	Construction; HPP 2782; Clean Air and Mobility Program+Earmark Total Cost = \$2,100,000
601586	NATICK- WELLESLEY- INTERSECTION IMPROVEMENTS @ ROUTE 9 (WORCESTER STREET) & OAK STREET, FROM 1500' WEST OF OAK STREET TO 300' EAST OF OVERBROOK DRIVE	3	§ 112 (2006)	\$ 1,386,000	\$ 1,386,000	\$ -	Construction; CMAQ+TE+Statewide TE+Earmark Total Cost = \$5,880,672
605173	MALDEN- REHABILITATION ON PLEASANT STREET, FROM MALDEN CITY HALL TO MAIN STREET	4	§ 117 (2005)	\$ 1,657,656	\$ 1,657,656	\$ -	Construction
N/A	SOMERVILLE- ADAPTIVE REUSE AND STREETScape IMPROVEMENTS	4	§ 117 (2005)	\$ 593,928	\$ 593,928	\$ -	Study
606116	CAMBRIDGE- STREETScape IMPROVEMENTS ON BROADWAY/MAIN STREET, FROM THIRD STREET TO THE LONGFELLOW BRIDGE (TCSP)	6	TCSP	\$ 1,111,500	\$ 889,200	\$ 222,300	Construction
605657	MEDWAY- RECONSTRUCTION AND REHABILITATION OF ROUTE 109/MAIN STREET (STPP)	3	STPP (2010)	\$ 399,932	\$ 399,932	\$ -	Design; MA266; Local Match
606591	SALEM- SALEM FERRY PIER IMPROVEMENTS	4	FBD	\$ 3,163,266	\$ 2,530,613	\$ 632,653	2010 Ferry Boat Discretionary Commuter Ferry
N/A	HULL- IMPROVEMENTS TO THE PEMBERTON PIER COMMUTER			\$ 693,750	\$ 555,000	\$ 138,750	2011 Highway Discretionary Grant Program
N/A	PAY-AS-YOU-DRIVE INSURANCE PILOT PROGRAM			\$ 2,572,800	\$ 2,144,000	\$ 428,800	2011 Value Pricing Pilot Program; 20% Private Sector Match
Earmarks Subtotal ►				\$ 14,919,331	\$ 12,828,728	\$ 2,090,603	◀ Funding Split Varies by Earmark

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► Section 1C / Federal Aid Non-Target Projects (continued)

► Other

606520	NEWTON- SAFE ROUTES TO SCHOOL (BOWEN SCHOOL)	6	SRTS	\$ 450,000	\$ 450,000	\$ -	
605872	SWAMPSCOTT- SAFE ROUTES TO SCHOOL (STANLEY SCHOOL)	4	SRTS	\$ 425,000	\$ 425,000	\$ -	
604688	BELMONT- WATERTOWN- RECONSTRUCTION ON TRAPELO ROAD & BELMONT STREET	4	Statewide TE	\$ 975,599	\$ 780,479	\$ 195,120	CMAQ+TE+Statewide TE Total Cost = \$16,471,337 (was \$14,591,678)
601586	NATICK- WELLESLEY- INTERSECTION IMPROVEMENTS @ ROUTE 9 (WORCESTER STREET) & OAK STREET, FROM 1500' WEST OF OAK STREET TO 300' EAST OF OVERBROOK DRIVE	3	Statewide TE	\$ 267,086	\$ 213,669	\$ 53,417	CMAQ+TE+Statewide TE+Earmark Total Cost = \$5,880,672
N/A	MASSPORT INTERMODAL INITIATIVE (INCLUDING CONRAC AT LOGAN AIRPORT)		Other	\$ 75,000,000		\$ 75,000,000	STP+TE+Statewide TE+Earmark Total Cost = \$5,880,672
N/A	BLOSSOM STREET WATERFRONT FACILITY - PHASE III IN LYNN		FBD	\$ 2,681,250	\$ 2,145,000	\$ 536,250	Ferry Boat Discretionary (FBD) Program; State Match
N/A	BOSTON INNER HARBOR FERRY INVESTMENT		FBD	\$ 1,600,000	\$ 1,280,000	\$ 320,000	Ferry Boat Discretionary (FBD) Program; City of Boston Match
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 INFORMATION KIOSKS		Other	\$ 370,000	\$ 296,000	\$ 74,000	National Scenic Byways Program (NSBP); State Match
N/A	KENDALL SQUARE EMPLOYER TRANSPORTATION BENEFIT PRICING TRIAL		FBD	\$ 929,840	\$ 743,872	\$ 185,968	Value Pricing Pilot Program (VPPP); MIT Match
Other Subtotal ►				\$ 8,139,400	\$ 6,686,520	\$ 1,452,880	◀ Funding Split Varies by Funding Source

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

► IM - Interstate Maintenance

606167	BOSTON- SOMERVILLE- INTERSTATE MAINTENANCE & RELATED WORK ON I-93, INCLUDES WORK ON S-17-029, S-17-031 & B-16-281	4	IM	\$ 10,738,000	\$ 9,664,200	\$ 1,073,800	
606169	FRANKLIN- BELLINGHAM- MEDWAY- MILFORD- INTERSTATE MAINTENANCE & RELATED WORK ON I-495	3	IM	\$ 15,104,000	\$ 13,593,600	\$ 1,510,400	
IM Subtotal ►				\$ 25,842,000	\$ 23,257,800	\$ 2,584,200	◀ 90% Federal + 10% Non-Federal

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## ► NHS - National Highway System Pavement Preservation

604472	ACTON- BOXBOROUGH- LITTLETON- RESURFACING & RELATED WORK ON ROUTE 2	3	NHS	\$ 6,087,564	4,870,051	1,217,512.8	
605607	RANDOLPH- CANTON- RESURFACING & RELATED WORK ON ROUTE 24	6	NHS	\$ 5,890,415	4,712,332	1,178,083.0	
NHS Subtotal ►				\$ 11,977,979	\$ 9,582,383	\$ 2,395,596	◀ 80% Federal + 20% Non-Federal

## ► Other

N/A	CENTRAL ARTERY/TUNNEL PROJECT- NATIONAL HIGHWAY SYSTEM	N/A	Other	\$ 70,255,000	\$ 70,255,000	\$ -	
N/A	CENTRAL ARTERY/TUNNEL PROJECT- BRIDGE	N/A	Other	\$ -	-	\$ -	
N/A	CENTRAL ARTERY/TUNNEL PROJECT- STATE TRANSPORTATION	N/A	Other	\$ 65,400,000	\$ 65,400,000	\$ -	
N/A	CENTRAL ARTERY/TUNNEL PROJECT- STATE TRANSPORTATION PROGRAM	N/A	Other	\$ 20,000,000	20,000,000	\$ -	
Other Subtotal ►				\$ 155,655,000	\$ 155,655,000	\$ -	◀ 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	\$ 66,200,000		\$ 66,200,000	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 2012-14 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	\$ 36,407,814		\$ 36,407,814	Lists cash flows (based on state fiscal year) for Fairmount Improvements
N/A	RED LINE-BLUE LINE CONNECTOR DESIGN	N/A	Other	\$ 2,000,000		\$ 2,000,000	MassDOT made a formal request on Aug. 1, 2011, to remove this project from the State Implementation Plan regulation. The MPO is continuing to carry this cost until the process is complete.
N/A	1,000 PARKING SPACES- WONDERLAND	N/A	Other	\$ 24,270,978		\$ 24,270,978	Lists cash flows for the Wonderland Parking Garage. Federal funds are derived from prior programmed CDD (earmarks) and ARRA funds. State funds include \$8,575,927 in MBTA bond funds.
Non-Federal Projects Subtotal ►				\$ 128,878,792		\$ 128,878,792	◀ 100% Non-Federal

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<b>► Section 2B / Non-Federal Bridge Projects</b>							
604361	BOSTON- CAMBRIDGE- BRIDGE REHABILITATION, B-16-009=C-01-002, CAMBRIDGE STREET OVER THE CHARLES RIVER (MEMORIAL DRIVE & STORROW DRIVE) (AKA - LONGFELLOW BRIDGE)	6	ABP-GANS	\$ 280,946,372			Total Construction Cost = \$331,197,937 (\$280,946,372 is identified as GANs funding [federal and state match] and \$50,251,566 is additional state funding)
604382	QUINCY- WEYMOUTH- BRIDGE REPLACEMENT, Q-01-001=W-32-001, STATE ROUTE 3A (WASHINGTON STREET) OVER THE FORE RIVER	6	ABP-GANS	\$ 326,337,500			Total Construction Cost = \$333,504,336 (\$326,337,500 is identified as GANs funding [federal and state match] and \$5,866,836 is additional state funding)
Non-Federal Bridge Projects Subtotal►				\$ 607,283,872			◀100% Non-Federal

# 2012 Boston MPO TIP Summary - Highway

	TIP Section 1: ▼	TIP Section 2: ▼	Total of All Projects ▼	
Total ►	\$ 161,379,001	\$ 607,283,872	\$ 768,662,873	◀ Total Spending in Region
Federal Funds ►	\$ 133,185,335		\$ 133,185,335	◀ Total Federal Spending in Region
Non-Federal Funds ►	\$ 28,193,666	\$ 607,283,872	\$ 635,477,538	◀ 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>