2013	Boston MPO Transportation Improvement	Program			Draft Amendme	nt Two to the FF	Ys 2013-2016 TIP
MassDOT Ma	assDOT	MassDOT	Funding	Total	Federal	Non-Federal	Additional
Project ID Pro	oject Description▼	District ▼	Source ▼	Programmed	Funds ▼	Funds ▼	Information ▼
▼				Funds ▼			

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	1 1A / Federal Aid Target Projects						
►STP - S	urface 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 Co = \$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-LI 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 - N	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

ZU 1	3 Boston MPO Transportation Improvement	Program		,						Ys 2013-2016 TIP
MassDOT	MassDOT Project Description ▼	MassDOT District ▼	Funding		tal ogrammed nds ▼		deral nds ▼		-Federal ds ▼	Additional Information ▼
►HSIP - H	ighway 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)
		HS	SIP Subtotal ▶	\$	5,296,710	\$	4,767,039	\$	529,671	■ Funding Split Varies by Project Specification
	Congestion Mitigation and Air Quality Improvement P	rogram	_							
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	CMA	CMAQ AQ Subtotal ►	\$	157,278 9,075,263		125,822 7,260,210		31,456 1,815,053	■ 80% Federal + 20% Non-Federal
► Section	1A / Fiscal Constraint Analysis									
J Gootion	Total Federal Aid Targ	et Funds Pr	ogrammed ►	\$	65,755,029	\$	65,755,029	∢Τα	tal Target	\$ - Target Funds Available
			rogrammed ►			_	52,864,898		_	\$ 27,481,842 STP Available
	•	Γotal NHS P	rogrammed ►	\$	26,000,000		-		in. NHS	\$ (26,000,000) NHS funds are from STP
			rogrammed >				4,296,710			\$ (1,000,000) HSIP Minimum Met
	To	tal CMAQ P	rogrammed ►	\$	9,075,263	\$	8,593,421	◀ M	in. CMAQ	\$ (481,842) CMAQ Minimum Met

201	Boston MPO Transportation Improvement	nt Flografii						1		Ys 2013-2016 TIP
		MassDOT	•	Tot				Non-Federal		Additional
Project ID	Project Description ▼	District ▼	Source ▼		J	Fu	nds ▼	Fu	nds ▼	Information ▼
V				Fur	nds ▼					
N Cootion	4D / Endovel Aid Duiden Dunionto									
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-	Γarget	Projects
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►Earmar	ks						
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
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

	Boston MPO Transportation Improvement			I -	•			Ys 2013-2016 TIP
	MassDOT Project Description ▼	MassDOT District ▼	_		ogrammed nds ▼	deral nds ▼	n-Federal nds ▼	Additional Information ▼
► Earmark	s (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
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	\$ -	
CATA	CAPE ANN TRANSPORTATION AUTHORITY- MAINTENANCE FACILITY ROOF REPAIR			\$	408,179	\$ 408,179	\$ -	Repurposed Earmark Funding
		Earma	rks Subtotal ▶	\$	36,567,346	\$ 29,719,113	\$ 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
		Oth	ner Subtotal ▶	\$	783,998	\$ 627,198	\$ 156,800	■ Funding Split Varies by Funding Source

Boston Region MPO Staff - 10/12/2012

MassDOT	3 Boston MPO Transportation Improvement MassDOT	MassDOT	r Formalina	т.	4-1				Ys 2013-2016 TIP
	Project Description ▼	MassDOT District ▼	Source ▼	Pr	otal ogrammed unds ▼		ederal ınds ▼	n-Federal nds ▼	Additional Information ▼
Section	1D / Federal Aid Major & State Category Projects								
►IM - Inte	rstate 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	
►NHSPP - 605602 606126	- National Highway System Preservation Program WEYMOUTH- RESURFACING & RELATED WORK ON ROUTE 3 MIDDLETON- RESURFACING & RELATED WORK ON		NHS	\$	3,552,640		2,842,112	710,528 353,995	
	ROUTE 114	N	HS Subtotal ▶	\$	5,322,616	\$	4,258,093	\$ 1,064,523	■ 80% Federal + 20% Non-Federal
►SRTS - 5 606521	Safe Routes to School Program 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	\$ -	
	1	SR	TS Subtotal ▶	\$	1,066,000	\$	1,066,000	\$ -	◀ 100% Federal
► Statewic 604937	de Infrastructure Program LEXINGTON- NEWTON- WALTHAM- WELLESLEY-		Statewide	T	2,800,000	T	2,240,000	560,000	

MassDOI	MassDOT	MassDOT	Funding	To	tal	Fee	deral	No	n-Federal	Additional
	Project Description ▼	District ▼	_	Pr	ogrammed inds ▼		nds ▼		nds ▼	Information ▼
•	1			· ·	11145 V					<u> </u>
► Statewic	le ITS - Statewide Intelligent Transportation System	s 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	
►Statewio	le TE - Statewide Transportation Enhancement Prog	ram 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	
► Statewic	le HSIP - Statewide Highway Safety Improvement Pr		TE Subtotal ▶	\$	2,805,046	\$	2,244,037	\$	561,009	■ 80% Federal + 20% Non-Federal
	No Projects Programmed			\$	-	\$	-	\$	-	
		Statewide HS	SIP Subtotal ▶	\$	-	\$	-	\$	-	■ Funding Split Varies by Project Specification
►Other			10	1 -		1 4		-		
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		Other		70,710,000		-	\$	-	
N/A	CENTRAL ARTERY/TUNNEL PROJECT- STATE	N/A	Other	\$	20,000,000	\$	-	\$	-	
	TRANSPORTATION PROGRAM									

MassDOT	3 Boston MPO Transportation Improvement	MassDOT	Funding	Total	Federal	Non-Federal	Ys 2013-2016 TIP Additional
	Project Description ▼		Source ▼	Programmed Funds ▼	Funds ▼	Funds ▼	Information ▼
Section	2A / Non-Federal Projects						
I/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 the New Starts pipeline and the Commonwealt 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 no awarded.
/A	FAIRMOUNT IMPROVEMENTS	N/A	Other	\$ 24,139,099		\$ 24,139,099	Lists cash flows (based on state fiscal year) for Fairmount Improvements
/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.
Section	Non-F 2B / Non-Federal Bridge Projects	ederal Proje	ects Subtotal	\$ 113,439,099		\$ 113,439,099	◀100% Non-Federal
Cootion	25 / Neil 1 dudial Bridge 1 lojode						
03654	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)
04660	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	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)

RIVERS EDGE DRIVE

Non-Federal Bridge Projects Subtotal ▶ \$ 74,473,341 \$

- **■**100% Non-Federal

2013	Boston MPO Transportation Improvement	Program			Draft Amendme	nt Two to the FF	Ys 2013-2016 TIP
MassDOT	MassDOT	MassDOT	Funding	Total	Federal	Non-Federal	Additional
Project ID	Project Description ▼	District ▼	Source ▼	Programmed	Funds ▼	Funds ▼	Information ▼
▼				Funds ▼			

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