

MEMORANDUM

TO: Boston Region MPO
FROM: Sean Pfalzer, MPO Staff
DATE: April 18, 2012
RE: Updates on the Development of the FFYs 2013-16 Transportation Improvement Program

INTRODUCTION

The purpose of this update is to highlight new or more current information that has been gathered since the MPO meeting of April 5, 2012. This information is relative to the Bridge and Statewide Infrastructure program that comes to the MPOs from MassDOT for inclusion in each MPO's TIP. There are updates to the MPO's discretionary Regional Target projects. Finally, the recent Congestion Mitigation and Air Quality (CMAQ) consultation meeting has provided important information for reaching targets in this funding category. .

BRIDGE PROGRAM AND STATEWIDE INFRASTRUCTURE ITEMS

The attached funding graphic shows how the highway program funds are distributed across the main funding categories: Bridge Program, Statewide Infrastructure Items, and Regional Targets. At the April 5 MPO meeting, MPO members discussed one portion of the funds to be programmed in the Boston Region TIP – the Regional Target funds. Staff is now able to present information on the MassDOT priority projects for the sections of the TIP over which the MPO does not have discretion: the Bridge Program and the Statewide Infrastructure Items.

The Bridge Program and Statewide Infrastructure Items projects are listed in the attached table, *Overview of Bridge Program and Statewide Infrastructure Items: Draft FFYs 2013-16 TIP*.

The Bridge Program consists of Bridge, Advance Construction (AC) Bridge, and Accelerated Bridge Program (ABP) projects. In the table, Bridge and AC Bridge projects are listed under Section 1B/Federal Aid Bridge Projects. ABP projects are listed under Section 2B/Non-Federal Aid Bridge Projects.

Statewide Infrastructure Items include the following programs:

- Statewide Infrastructure Program
- Statewide Highway Safety Improvement Program (HSIP)
- Safe Routes to School (SRTS)
- Statewide Congestion Mitigation and Air Quality Improvement (CMAQ) program
- Statewide Transportation Enhancements (TE)
- Statewide Interstate Maintenance (IM)

- Statewide NHS Preservation Program
- Statewide Intelligent Transportation Systems (ITS)

These projects are listed in the table under Section 1D/ Federal Aid Major & State Category Projects.

This table shows the current status of the projects in these MassDOT programs. It provides information on the significant changes to the currently programmed projects and identifies the projects that have been removed and the newly proposed projects. There are numerous new projects, especially within the Statewide CMAQ, ITS, and TE programs. The funding dedicated to these funding categories has increased for FFYs 2013-16, thus expanding the number of new projects.

The table also shows changes to projects' costs and schedules. Changes to project schedules have priority regarding color coding (highlighted in green) over project cost changes; some of the projects are highlighted in green to show a schedule change also have cost changes that are not indicated.

The following projects in the table are in the MPO Universe of Projects and are now included for funding in the Statewide TE Program:

- Beverly- Construction of a Walkway on Beverly Harborfront
- Acton, Carlisle, Westford- Bruce Freeman Rail Trail (Phase 2A) – (listed in the LRTP 2021-2025 time band)
- Framingham- Cochituate Rail Trail will be funded through the Statewide TE Program (programmed in the FFY 2013 element of the FFYs 2012-15 TIP)
- Statewide TE Incentive Program will be available to the Boston Region in FFY 2013

The following projects are in the Universe of Projects and are now included for funding in the Statewide CMAQ Program:

- Duxbury- Intersection Improvements at Kingstown Way (Route 53) & Winter Street
- Wayland- Signal & Intersection Improvements at Route 27 (Main Street) and Route 30 (Commonwealth Road)
- Winchester- Signal and Improvements at 4 Locations on Church Street and Route 3 (Cambridge Street)

Some projects in the table have not been proposed through the MPO TIP project solicitation process.

REGIONAL TARGET PROJECTS

The changes to the Regional Target projects are shown in the attached table, *Draft FFYs 2013-16 TIP, Revised Staff Recommendation*.

The following projects have changes to project cost, design, evaluation, or earmark status since April 5.

- Newton- Reconstruction & Signal Improvements on Walnut Street was awarded 3 additional points on its evaluation for a recent design change that will remove parking to allow for bicycle lanes
- Salem- Reconstruction on Canal Street was awarded 5 additional points on its evaluation for improving transit, bicycle, and pedestrian access in an environmental justice population area
- Melrose- Intersection & Signal Improvement to Lebanon Street has an earmark that has been added
- Weymouth- Reconstruction & Widening on Route 18 (Main Street) earmark amount has been adjusted

CMAQ

The CMAQ Consultation Committee meeting was held on Wednesday, April 11, 2012. Staff submitted a total of 14 projects to be considered for CMAQ eligibility. For each project, an assessment of expected emission reduction benefits was conducted. All 14 projects received the requested CMAQ amount, and they are listed below.

- Arlington- Reconstruction of Massachusetts Avenue (\$2.9 million)
- Belmont- Trapelo Road (\$12.3 million)
- Beverly- Reconstruction & Signal Improvements on Rantoul Street (Route 1A (\$12 million)
- Boston- Improvements to Commonwealth Avenue (\$5 million)
- Brookline- Intersection & Signal Improvements at Route 9 & Village Square/Gateway East (\$4.9 million)
- Framingham- Cochituate Rail Trail (\$0.8 million)
- Lynn- Reconstruction of Route 129/Broadway (\$5.4 million)
- Marlborough- Reconstruction of Route 85/Maple Street (\$2 million)
- Medway- Reconstruction on Route 109 (\$5 million)
- Melrose- Intersection & Signal Improvement to Lebanon Street (\$4.2 million)
- Natick- Route 9/Oak Street (\$3.7 million)
- Quincy- Intersection & Signal Improvements at Hancock Street & East/West Squantum Streets (\$3.2 million)
- Salem- Reconstruction on Canal Street (\$2 million)
- Wayland- Signal & Intersection Improvements at Route 27/Main Street and Route 30/Commonwealth Road (\$1.8 million)

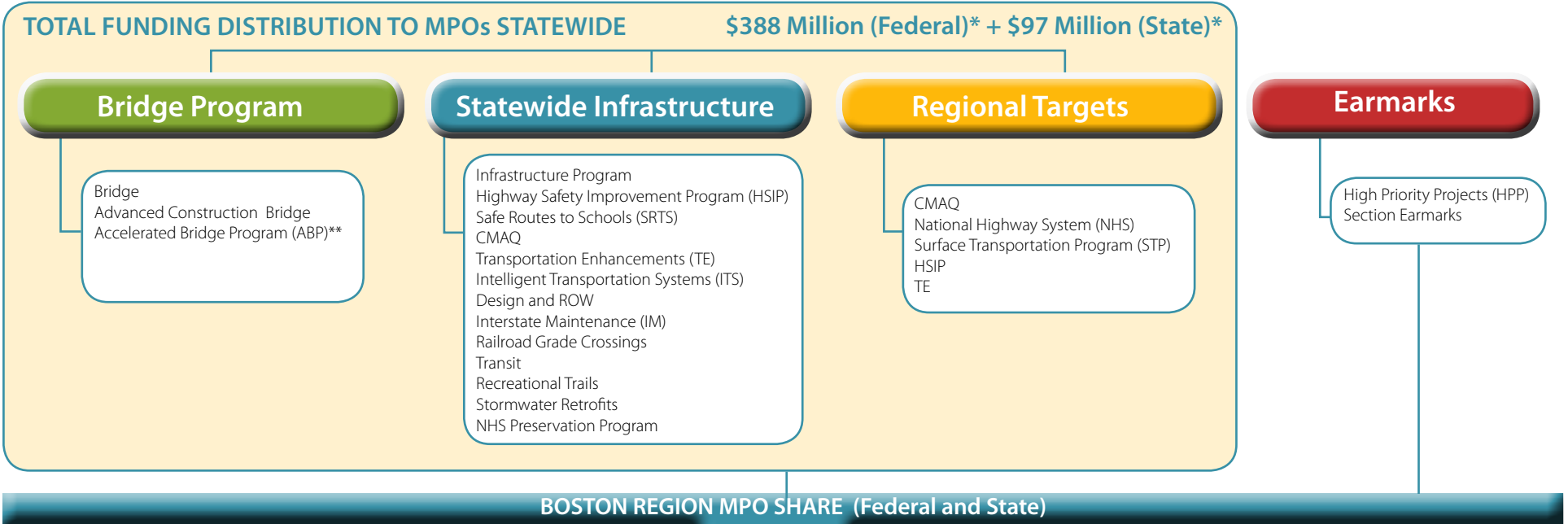
Staff applied these CMAQ eligible benefit amounts to the proposed Revised Staff Recommendation. The Revised Staff Recommendation exceeds the minimum CMAQ target of \$8.6 million in FFYs 2013-16. The CMAQ components of projects in each annual element are:

- FFY 2013: \$9,222,910
- FFY 2014: \$23,188,644
- FFY 2015: \$10,429,110
- FFY 2016: \$16,591,009

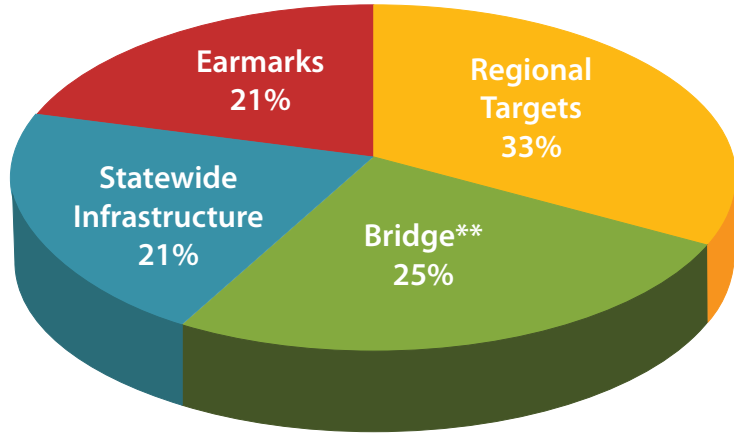
TYPICAL FEDERAL HIGHWAY PROGRAM \$560 Million*



CENTRAL ARTERY/TUNNEL OBLIGATION AUTHORITY \$172 Million*



Boston Region MPO Highway Program Funding



* Amounts based on average of FFYs 2008-2011 funding. Does not include redistribution or stimulus funds.
 ** Accelerated Bridge Program – Federal Aid GANs project not included in MPO Bridge share. GANs payments will begin in 2015.

**Overview of Bridge Program and Statewide Infrastructure Items
Draft FFYs 2013-16 TIP**

MassDOT Project ID	MassDOT Project Description	Funding Source	Current FFY 2012	Proposed FFY 2012	Current FFY 2013	Proposed FFY 2013	Current FFY 2014	Proposed FFY 2014	Current FFY 2015	Proposed FFY 2015	Proposed FFY 2016	Proposed FFYs 2013-16 Total
Indicates a change in project cost												
Indicates removed from TIP (cost not reflected in total)												
Indicates a change in project schedule												
Indicates a new addition to the TIP (action taken as denoted)												
Indicates a new funding category												
► Section 1B / Federal Aid Bridge Projects												
605414	FOXBOROUGH- BRIDGE PRESERVATION, I-95 OVER GREEN STREET	BR	\$2,590,000	\$2,590,000								\$0
602839	FRAMINGHAM- BRIDGE REPLACEMENT, CENTRAL STREET OVER SUDBURY RIVER	BR	\$7,040,000	\$7,040,000								\$0
606609	DANVERS- BRIDGE REPLACEMENT, ROUTE 35 (WATER STREET) OVER WATERS RIVER	BR	\$2,983,750	\$2,983,750								\$0
604517	BOSTON- BRIDGE REPLACEMENT, CHELSEA STREET OVER THE CHELSEA RIVER	BR-AC	\$12,000,000	\$16,339,448	\$12,000,000	\$0	\$13,000,000	\$0				\$0
603370	BOSTON- BRIDGE REHABILITATION, ROUTE 99 (ALFORD STREET) OVER MYSTIC RIVER	BR-AC	\$14,000,000	\$14,000,000	\$8,000,000	\$7,700,000	\$3,000,000	\$3,000,000				\$10,700,000
607110	BEDFORD- BRIDGE PRESERVATION, SR 4 (GREAT ROAD) OVER THE SHAWSHOEN RIVER	BR				\$586,250						\$586,250
606448	BOSTON- DECK PATCHING & SUPERSTRUCTURE REPAIRS ON BOWKER OVERPASS	BR				\$10,800,110						\$10,800,110
607111	CONCORD- BRIDGE PRESERVATION, OLD STOW ROAD OVER MBTA & BM RAILROAD	BR				\$825,000						\$825,000
604428	CHELSEA- BRIDGE REPLACEMENT, WASHINGTON AVENUE OVER THE MBTA AND B&M RAILROAD	BR			\$3,719,040					\$3,862,080		\$3,862,080
603473	NORTH READING- READING- BRIDGE REPLACEMENT, ROUTE 28 (MAIN STREET) OVER THE IPSWICH RIVER	BR			\$1,562,299	\$0						\$0
603711	NEEDHAM- WELLESLEY- REHAB/REPLACEMENT OF 6 BRIDGES ON I-95/ROUTE 128: (ADD-A-LANE - CONTRACT V)	BR-AC			\$2,000,000	\$2,000,000	\$6,500,000	\$8,500,000	\$2,000,000	\$0		\$10,500,000
603722	LEXINGTON- BRIDGE REPLACEMENT, ROUTE 2A (MARRETT ROAD) OVER I-95/ROUTE 128	BR-AC			\$10,000,000	\$0	\$10,000,000	\$0		\$1,572,762	\$10,000,000	\$11,572,762
604462	BOSTON- BRIDGE REPLACEMENT, WEST SECOND STREET OVER HAUL ROAD & CSX RR	BR					\$1,369,440	\$1,316,640				\$1,316,640
606449	CAMBRIDGE- BRIDGE PRESERVATION, FIRST STREET BRIDGE & LAND BOULEVARD/BROAD CANAL BRIDGE	BR					\$3,888,000	\$3,744,000				\$3,744,000
605774	HOPKINTON- BRIDGE BETTERMENT, I-90 RAMP OVER I-495	BR				\$5,341,960	\$5,769,317					\$5,341,960
603008	WOBURN- BRIDGE REPLACEMENT, SALEM STREET OVER MBTA	BR					\$1,814,400	\$0				\$0
605895	BELLINGHAM- BRIDGE DEMOLITION, ROUTE 126 OVER CSX RAILROAD (ABANDONED) & INSTALLATION OF BIKE PATH CULVERT	BR						\$1,248,000				\$1,248,000
600867	BOSTON- BRIDGE REPLACEMENT, MASSACHUSETTS AVENUE (ROUTE 2A) OVER COMMONWEALTH AVENUE	BR-AC							\$23,184,000	\$2,916,000	\$9,000,000	\$11,916,000
606632	HOPKINTON- WESTBOROUGH- BRIDGE REPLACEMENT, FRUIT STREET OVER CSX & SUDBURY RIVER	BR								\$8,270,478		\$8,270,478
607119	IPSWICH- BRIDGE REPAIRS, GREEN STREET OVER THE IPSWICH RIVER	BR								\$1,398,384		\$1,398,384
604655	MARSHFIELD- BRIDGE REPLACEMENT, BEACH STREET OVER THE CUT RIVER	BR									\$2,423,004	\$2,423,004
604952	LYNN- SAUGUS- BRIDGE REPLACEMENT, ROUTE 107 OVER THE SAUGUS RIVER (AKA - BELDEN G. BLY BRIDGE)	BR							\$47,040,000	\$0		\$0
42603	WILMINGTON- BRIDGE REPLACEMENT, ROUTE 38 (MAIN STREET) OVER THE B&M RAILROAD	BR						\$4,492,800	\$4,838,400			\$4,492,800
600703	LEXINGTON- BRIDGE REPLACEMENT, ROUTE 2 (EB & WB) OVER I-95 (ROUTE 128)	BR-AC				\$1,800,000		\$15,000,000		\$15,000,000		\$31,800,000
604173	BOSTON- BRIDGE REPLACEMENT, NORTH WASHINGTON STREET OVER THE CHARLES RIVER	BR-AC									\$2,600,000	\$2,600,000
607132	QUINCY- BRIDGE REPLACEMENT, STEDMAN STREET OVER I-93/US 1/SR 3	BR									\$3,081,792	\$3,081,792
607133	QUINCY- BRIDGE REPLACEMENT, ROBERTSON STREET OVER I-93/US 1/SR 3	BR									\$3,454,080	\$3,454,080

**Overview of Bridge Program and Statewide Infrastructure Items
Draft FFYs 2013-16 TIP**

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► Section 1C / Federal Aid Non-Target Projects

► Other												
604688	BELMONT- WATERTOWN- RECONSTRUCTION ON TRAPELO ROAD & BELMONT STREET	Statewide TE	\$975,599	\$975,599								\$0
601586	NATICK- WELLESLEY- INTERSECTION IMPROVEMENTS @ ROUTE 9 (WORCESTER STREET) & OAK STREET, FROM 1500' WEST OF OAK STREET TO 300' EAST OF OVERBROOK DRIVE	Statewide TE	\$267,086	\$267,086								\$0

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

► IM - Interstate Maintenance												
606167	BOSTON- SOMERVILLE- INTERSTATE MAINTENANCE & RELATED WORK ON I-93	IM	\$10,738,000	\$10,738,000								\$0
606169	FRANKLIN- BELLINGHAM- MEDWAY- MILFORD- INTERSTATE MAINTENANCE & RELATED WORK ON I-495	IM	\$15,104,000	\$15,104,755								\$0
N/A	FRANKLIN- INTERSTATE MAINTENANCE & RELATED WORK ON I-495	IM				\$5,154,240						\$5,154,240
605596	FOXBOROUGH- INTERSTATE MAINTENANCE & RELATED WORK ON I-95	IM			\$8,639,488	\$9,440,000						\$9,440,000
606170	LEXINGTON- BURLINGTON- INTERSTATE MAINTENANCE & RELATED WORK ON I-95	IM			\$30,833,400	\$33,205,200						\$33,205,200
605597	LYNNFIELD- WAKEFIELD- INTERSTATE MAINTENANCE & RELATED WORK ON I-95	IM			\$13,720,096	\$12,685,000						\$12,685,000
604879	WILMINGTON- WOBURN- INTERSTATE MAINTENANCE & RELATED WORK ON ROUTE I-93	IM			\$12,743,245	\$14,480,960						\$14,480,960
606176	FOXBOROUGH- PLAINVILLE- WRENTHAM- INTERSTATE MAINTENANCE & RELATED WORK ON I-495 (NB & SB)	IM					\$13,253,760				\$12,475,904	\$12,475,904
N/A	DANVERS- MIDDLETON - INTERSTATE MAINTENANCE & RELATED WORK ON I-95	IM						\$21,647,808		\$0		\$0
606171	SHARON- WALPOLE - INTERSTATE MAINTENANCE & RELATED WORK ON I-95	IM					\$10,308,480	\$9,325,210				\$10,308,480
606546	FRANKLIN- INTERSTATE MAINTENANCE & RELATED WORK ON I-495	IM									\$10,149,888	\$10,149,888

► NHS - National Highway System Pavement Preservation												
604472	ACTON- BOXBOROUGH- LITTLETON- RESURFACING & RELATED WORK ON ROUTE 2	NHS	\$6,087,564	\$6,087,564								\$0
605607	RANDOLPH- CANTON- RESURFACING & RELATED WORK ON ROUTE 24	NHS	\$5,890,415	\$5,890,415								\$0
605602	WEYMOUTH- RESURFACING & RELATED WORK ON ROUTE 3	NHS			\$3,552,640	\$3,552,640						\$3,552,640
606126	MIDDLETON- RESURFACING & RELATED WORK ON ROUTE 114	NHS			\$1,665,784	\$1,769,976						\$1,769,976
N/A	WEYMOUTH- BRAINTREE- QUINCY - RESURFACING & RELATED WORK ON ROUTE 3	NHS						\$9,817,600				\$9,817,600
N/A	CHELSEA- REVERE- RESURFACING AND RELATED WORK ON ROUTE 1	NHS						\$7,455,240				\$7,455,240

**Overview of Bridge Program and Statewide Infrastructure Items
Draft FFYs 2013-16 TIP**

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

► Statewide CMAQ - Statewide Congestion Mitigation and Air Quality Program												
606520	NEWTON- SAFE ROUTES TO SCHOOL (BOWEN SCHOOL)	SRTS	\$450,000	\$450,000								\$0
605872	SWAMPSCOTT- SAFE ROUTES TO SCHOOL (STANLEY SCHOOL)	SRTS	\$425,000	\$425,000								\$0
606521	BRAINTREE- SAFE ROUTES TO SCHOOL (ROSS ELEMENTARY SCHOOL)	SRTS			\$553,000	\$553,000						\$553,000
606516	WAKEFIELD- SAFE ROUTES TO SCHOOLS (DOLBEARE SCHOOL)	SRTS			\$513,000	\$513,000						\$513,000
N/A	MANCHESTER- SAFE ROUTES TO SCHOOL (MEMORIAL ELEMENTARY SCHOOL)	SRTS					\$400,000	\$0				\$0
N/A	MALDEN- SAFE ROUTES TO SCHOOL (BEEBE SCHOOL)	SRTS						\$480,480	\$462,000			\$480,480
N/A	MILTON- SAFE ROUTES TO SCHOOL (GROVER ELEMENTARY SCHOOL)	SRTS						\$624,520	\$556,000			\$624,520
N/A	WESTWOOD- SAFE ROUTES TO SCHOOL (DOWNEY ELEMENTARY)	SRTS						\$569,920				\$569,920
N/A	SAUGUS- SAFE ROUTES TO SCHOOL (VETERANS MEMORIAL)	SRTS								\$432,000		\$432,000
N/A	SOMERVILLE- SAFE ROUTES TO SCHOOL (HEALEY SCHOOL)	SRTS								\$768,960		\$768,960

► Statewide CMAQ - Statewide Congestion Mitigation and Air Quality Program												
603462	DUXBURY- INTERSECTION IMPROVEMENTS AT KINGSTOWN WAY (ROUTE 53) & WINTER STREET	Statewide CMAQ						\$1,141,606				\$1,141,606
601019	WINCHESTER- SIGNAL & INTERSECTION IMPROVEMENTS AT 4 LOCATIONS ON CHURCH STREET & ROUTE 3 (CAMBRIDGE ST)	Statewide CMAQ						\$4,145,339				\$4,145,339
601579	WAYLAND- SIGNAL & INTERSECTION IMPROVEMENTS AT ROUTE 27 (MAIN STREET) AND ROUTE 30 (COMMONWEALTH ROAD)	Statewide CMAQ								\$2,053,972		\$2,053,972
602165	STONEHAM- SIGNAL & INTERSECTION IMPROVEMENTS AT ROUTE 28/NORTH STREET	Statewide CMAQ								\$3,519,779		\$3,519,779
602462	HOLLISTON- SIGNAL INSTALLATION AT ROUTE 16/126 AND OAK STREET	Statewide CMAQ								\$1,120,000		\$1,120,000

► Statewide ITS - Statewide Intelligent Transportation Systems Program												
606432	BURLINGTON- WOBURN- READING- EXPANSION OF FIBER, CCTV, VMS & TRAFFIC SENSOR NETWORK ON I-95	Statewide ITS				\$4,000,000						\$4,000,000
606283	HOPKINTON TO ANDOVER- INSTALLATION OF CAMERAS, MESSAGE SIGNS & COMMUNICATION INFRASTRUCTURE ON I-495 (DESIGN/BUILD ITS)	Statewide ITS				\$6,000,000						\$6,000,000
606497	BRAINTREE- QUINCY- MILTON- BOSTON- HOV LANE TOW TRUCK SERVICES	Statewide ITS				\$550,000						\$550,000
606498	BRAINTREE- QUINCY- MILTON- BOSTON- HOV LANE BARRIER TRANSFER VEHICLE (BTV) OPERATOR CONTRACT	Statewide ITS				\$1,000,000						\$1,000,000
606422	BRAINTREE- QUINCY- MILTON- BOSTON- HOV LANE OPERATING EXPENSES	Statewide ITS				\$500,000						\$500,000
606930	BRAINTREE- QUINCY- MILTON- BOSTON- HOV LANE TOW TRUCK SERVICES	Statewide ITS							\$200,000	\$350,000		\$550,000
606931	BRAINTREE- QUINCY- MILTON- BOSTON- HOV LANE BARRIER TRANSFER VEHICLE (BTV) OPERATOR CONTRACT	Statewide ITS							\$200,000	\$800,000		\$1,000,000
606932	BRAINTREE- QUINCY- MILTON- BOSTON- HOV LANE OPERATING EXPENSES	Statewide ITS							\$200,000	\$200,000		\$400,000

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

► Statewide Infrastructure Program												
604937	LEXINGTON- NEWTON- WALTHAM- WELLESLEY- WESTON- TRAFFIC SIGN REPLACEMENT ON I-95, FROM WELLESLEY (ROUTE 9) TO LEXINGTON (ROUTES 4/225)	Statewide Infrastructure Program				\$2,800,000						\$2,800,000
603917	STONEHAM- WOBURN- LIGHTING UPGRADES ON I-93	Statewide Infrastructure Program					\$1,100,000		\$5,400,000	\$3,600,000		\$10,100,000
605733	BOSTON- HIGHWAY LIGHTING SYSTEM REPLACEMENT ON I-93, FROM SOUTHAMPTON STREET TO NEPONSET AVENUE	Statewide Infrastructure Program							\$600,000	\$1,350,000		\$1,950,000

► Statewide TE - Statewide Transportation Enhancement Program												
602514	BEVERLY- CONSTRUCTION OF A WALKWAY ON BEVERLY HARBORFRONT	Statewide TE				\$570,665						\$570,665
606137	FRAMINGHAM- BIKE PATH CONSTRUCTION & IMPROVEMENTS ON COCHITUATE RAIL TRAIL, FROM SCHOOL STREET TO ROUTE 30	Statewide TE				\$792,731						\$792,731
605121	SALEM- CAUSEWAY PARK CONSTRUCTION	Statewide TE				\$1,441,650						\$1,441,650
604532	ACTON- CARLISLE- WESTFORD- BRUCE FREEMAN RAIL TRAIL (PHASE II-A)	Statewide TE						\$8,788,000				\$8,788,000

► Statewide HSIP - Statewide Highway Safety Improvement Program												
602984	CONCORD- LINCOLN- LIMITED ACCESS HIGHWAY IMPROVEMENTS AT ROUTE 2 & 2A, BETWEEN CROSBY'S CORNER & BEDFORD ROAD	HSIP-AC			\$1,000,000	\$0						\$0

► Section 2B / Non-Federal Bridge Projects

604361	BOSTON- CAMBRIDGE- BRIDGE REHABILITATION, CAMBRIDGE STREET OVER THE CHARLES RIVER (MEMORIAL DRIVE & STORROW DRIVE) (AKA - LONGFELLOW BRIDGE)	ABP-GANS	\$260,467,424	\$260,099,120								\$0
603654	BOSTON- BRIDGE REPLACEMENT, MORTON STREET OVER THE MBTA & CSX RAILROAD	ABP-GANS	\$10,574,787	\$10,574,787								\$0
604382	QUINCY- WEYMOUTH- BRIDGE REPLACEMENT, STATE ROUTE 3A (WASHINGTON STREET) OVER THE FORE RIVER	ABP-GANS	\$326,163,125	\$326,163,125								\$0
604660	EVERETT- MEDFORD- BRIDGE REPLACEMENT, REVERE BEACH PARKWAY (ROUTE 16) OVER THE MALDEN RIVER (AKA - WOODS MEMORIAL DRAW BRIDGE)	ABP-GANS			\$38,013,664	\$46,853,664						\$46,853,664
605510	MEDFORD- BRIDGE RECONSTRUCTION, REVERE BEACH PARKWAY OVER MBTA AND CORPORATION WAY	ABP-GANS			\$8,840,000	Bundled with 604660						\$0

DRAFT FFYs 2013-16 TIP
Updated Staff Recommendation
(Based on Draft MPO Targets released March 14, 2012)

Municipality	Project #	Project Name	Currently Programmed FFY 2012	Staff Recommendation FFY 2012	Currently Programmed FFY 2013	Staff Recommendation FFY 2013	Currently Programmed FFY 2014	Staff Recommendation FFY 2014	Currently Programmed FFY 2015	Staff Recommendation FFY 2015	Staff Recommendation FFY 2016	Total Target Funds Programmed in the Staff Recommendation FFYs 2013-16 TIP	Other Funds (Non-Target or Prior FFY Funds)	Total in TIP	Potential Funding Program
Boston Region	456661	Clean Air and Mobility Program	\$2,074,641	\$2,074,641	\$1,097,393	\$823,010					\$3,000,000	\$3,823,010		\$3,823,010	CMAQ
Concord & Lincoln	602984	Limited Access Highway Improvements at Route 2 & 2A, Between Crosby's Corner & Bedford Road	\$10,907,033	\$16,910,783	\$15,357,894	\$16,357,894	\$13,574,084	\$5,399,747	\$17,860,000			\$21,757,641	\$39,966,339	\$61,723,980	HSIP
Dedham & Needham	603206	Rehabilitation/Replacement of 6 Bridges on I-95/Route 128 (Add-a-Lane - Contract IV)	\$23,330,000	\$17,326,250								\$0		\$0	
Needham & Wellesley	603711	Rehabilitation/Replacement of 6 Bridges on I-95/Route 128 (Add-a-Lane - Contract V)			\$26,000,000	\$26,000,000	\$30,000,000	\$30,000,000	\$30,000,000	\$30,000,000	\$23,500,000	\$109,500,000	\$10,500,000	\$120,000,000	
Belmont	604688	Trapelo Road	\$13,616,079	\$13,616,079								\$0	\$2,196,996	\$2,196,996	CMAQ, TE
Natick	601586	Route 9/Oak Street	\$4,227,587	\$4,227,587								\$0	\$2,196,996	\$2,196,996	CMAQ, TE
Arlington	604687	Reconstruction of Massachusetts Avenue, From Pond Lane to the Cambridge City Line			\$3,690,340	\$3,453,008						\$3,453,008	\$2,434,328	\$5,887,336	CMAQ, TE
Cambridge	605188	Common Improvements at Waterhouse Street, Mass Ave & Garden Street (Construction)*			\$1,040,000	\$1,093,334						\$1,093,334	\$1,671,540	\$2,764,874	TE
Weymouth, Abington	601630	Reconstruction & Widening on Route 18 (Main Street) From Highland Place to Route 139**			\$858,750	\$3,340,620	\$6,090,000	\$8,821,534	\$10,721,250	\$11,406,086		\$23,568,240	\$14,771,760	\$38,340,000	HSIP
Somerville	601820	Reconstruction of Beacon Street, From Oxford Street to Cambridge City Line			\$1,571,252	\$1,571,252						\$1,571,252	\$2,484,748	\$4,056,000	CMAQ
Boston	604761	Multi-use Trail Construction (South Bay Harbor) From Ruggles Station to Fort Point Channel					\$4,146,746	\$4,146,746				\$4,146,746		\$4,146,746	CMAQ
Lynn	602094	Reconstruction of Route 129 (Broadway), From Lynnfield Street to Chestnut Street			\$5,638,422	\$5,638,422						\$5,638,422		\$5,638,422	CMAQ

Melrose	601553	Intersection & Signal Improvement to Lebanon Street, From Lynde Street to Main Street					\$3,799,858					\$3,799,858	\$629,930	\$4,429,788	CMAQ
Quincy	605729	Intersection & Signal Improvements at Hancock Street & East/West Squantum Streets					\$3,371,722					\$3,371,722		\$3,371,722	HSIP, CMAQ
Danvers	601825	Reconstruction of Liberty Street, From Route 128 to Water/High Street Intersection					\$6,823,036					\$6,823,036		\$6,823,036	
Beverly	600220	Reconstruction & Signal Improvements on Rantoul Street (Route 1A) From Cabot Street (South) to Cabot Street (North)					\$15,748,818					\$15,748,818		\$15,748,818	CMAQ, TE
Boston	606284	Improvements to Commonwealth Avenue, From Amory Street to Alcorn Street								\$12,446,852		\$12,446,852		\$12,446,852	CMAQ, TE
Winchester, Stoneham, Woburn	604652	Tri-Community Bikeway								\$5,429,110		\$5,429,110		\$5,429,110	CMAQ, TE
Brookline	605110	Intersection & Signal Improvements at Route 9 & Village Square (Gateway East)									\$4,591,009	\$4,591,009	\$1,000,000	\$5,591,009	CMAQ, TE
Salem	605146	Reconstruction on Canal Street, From Washington Street & Mill Street to Loring Avenue & Jefferson Avenue									\$6,815,777	\$6,815,777		\$6,815,777	CMAQ, HSIP
Bedford, Billerica, Burlington	29492	Middlesex Turnpike Improvements, From Crosby Drive North to Manning Road, Phase III									\$20,147,443	\$20,147,443	\$1,000,000	\$21,147,443	
Medway	605657	Reconstruction on Route 109, From Holliston Street to 100 Feet West of Highland Street									\$11,234,839	\$11,234,839		\$11,234,839	CMAQ
Marlborough	604810	Reconstruction of Route 85 (Maple Street)									\$5,397,727	\$5,397,727		\$5,397,727	CMAQ, TE
Hanover	602602	Reconstruction of Washington Street (Route 53) and Related Work From the Route 3 Northbound Ramp to Webster Street (Route 123)									\$1,237,350	\$1,237,350		\$1,237,350	

Total Currently Programmed Regional Discretionary Funds:	\$54,155,340		\$55,254,051	\$53,810,830	\$58,581,250										
DRAFT Total Available Regional Discretionary Funds:	\$55,398,024	\$55,398,024	\$55,254,051	\$65,755,029	\$53,814,653	\$79,091,696	\$58,589,372	\$59,316,086	\$76,083,999	\$280,246,810					
Total Staff Recommendation Programmed Regional Discretionary Funds:		\$54,155,340		\$58,277,540		\$78,111,461		\$59,282,047	\$75,924,147	\$271,595,195					
Regional Discretionary Funds Available:	\$1,242,684	\$1,242,684	\$0	\$7,477,489	\$3,823	\$980,235	\$8,122	\$34,039	\$159,852	\$8,651,615					
Minimum Regional CMAQ Component:		\$0		\$8,593,421		\$8,593,421		\$8,593,421	\$8,593,421	\$34,373,684					
Estimated CMAQ Proposed:		\$18,434,079		\$9,222,910		\$23,188,644		\$10,429,110	\$16,591,009	\$59,431,673					
Minimum Regional HSIP Component:		\$4,296,710		\$4,296,710		\$4,296,710		\$4,296,710	\$4,296,710	\$17,186,840					
Estimated HSIP Proposed:		\$4,296,710		\$5,296,710		\$4,296,710		\$4,296,710	\$4,296,710	\$18,186,840					

*Assumes \$600,000 more for Cambridge Common (Construction) to cover project cost increases. Additional funds not listed include Community Preservation Act (CPA) funds of \$887,000 and local match for remaining.

**Assumes updated cash flows for FFYs 2013-15 to handle \$5,825,250 cost increase to Weymouth- Route 18. Project cash flows, including earmark amounts are \$11,340,000 in FFY 2013, \$13,000,000 in FFY 2014, and \$14,000,000 in FFY 2015.

FFYs 2013-16 TIP - First Tier List of Projects

Project Number	Municipality(s)	Project Name	Estimated Project Cost	Project Evaluation Rank	Design Status
606284	Boston	Improvements to Commonwealth Avenue, From Armory Street to Alcorn Street	\$11,507,814	#1, 93 points	25% received
606320	Boston	Reconstruction of Causeway Street (Pedestrian & Bicycle Improvements)	\$12,075,000	#1, 93 points	25% received
605146	Salem	Reconstruction on Canal Street, From Washington Street & Mill Street to Loring Avenue & Jefferson Avenue	\$6,059,201	#3, 83 points	25% received
600220	Beverly	Reconstruction & Signal Improvements on Rantoul Street (Route 1A) From Cabot Street (South) to Cabot Street (North)	\$15,143,094	#5, 81 points	25% received
605110	Brookline	Intersection & Signal Improvements at Route 9 & Village Square (Gateway East)	\$4,970,387	#6, 79 points	25% received
29492	Bedford, Billerica, Burlington	Middlesex Turnpike Improvements, From Crosby Drive North to Manning Road, Phase III	\$18,800,000	#7, 77 points	pre-25%/75%
605034	Natick	Reconstruction of Route 27 (North Main Street), From North Avenue to the Wayland Town Line	\$12,987,353	#9, 75 points	25% received
601553	Melrose	Intersection & Signal Improvement to Lebanon Street, From Lynde Street to Main Street	\$4,242,472	#12, 73 points	100% received
605729	Quincy	Intersection & Signal Improvements at Hancock Street & East/West Squantum Streets	\$3,242,040	#12, 73 points	75% received
601704	Newton	Reconstruction & Signal Improvements on Walnut Street, From Homer Street to Route 9	\$3,815,600	#14, 72 points	25% received
601825	Danvers	Reconstruction of Liberty Street, From Route 128 to Water/High Street Intersection	\$6,560,612	#16, 71 points	100% received
604652	Winchester, Stoneham, Woburn	Tri-Community Bikeway	\$5,019,517	#17, 70 points	25% approved
605657	Medway	Reconstruction on Route 109, From Holliston Street to 100 Feet West of Highland Street	\$9,987,731	#18, 69 points	25% received
602077	Lynn	Reconstruction on Route 129 (Lynnfield Street), From Great Woods Road to Wyoma Square	\$3,502,941	#19, 68 points	25% received
604531	Acton, Maynard	Assabet River Rail Trail	\$7,300,000	#20, 67 points	25% received

Projects Included in Staff Recommendation outside the First Tier List of Projects

604810	Marlborough	Reconstruction of Route 85 (Maple Street)	\$4,798,560	#21, 66 points	25% received
602602	Hanover	Reconstruction of Washington Street (Route 53) and Related Work From the Route 3 Northbound Ramp to Webster Street (Route 123)	\$1,100,000	#32, 54 points	25% received

In Staff Recommendation for the Draft FFYs 2013-16 TIP