

**DRAFT
Amendment Four
FFY 2009 Element of the FFYs 2007 - 2010 TIP**

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 project moved to a new funding category

Regional Highway Program

FEDERAL-AID TARGET PROJECTS

Congestion Mitigation and Air Quality Improvement Program

			<i>Federal Funds</i>	<i>State Funds</i>	<i>Total Funds</i>	<i>previous amount</i>
Belmont, Cambridge & Somerville	600811	Bicycle Facility	\$4,160,000	\$1,040,000	\$5,200,000	
Franklin	602962	King Street Ramps	\$3,800,000	\$950,000	\$4,750,000	
Milford	604530	Upper Charles Trail, Phase 2	\$3,280,000	\$820,000	\$4,100,000	
Watertown	602053	Intersection Improvements at Three Locations	\$1,431,296	\$357,824	\$1,789,120	\$875,000
			<i>Federal Funds</i>	<i>State/Local Funds</i>	<i>Total Funds</i>	
Boston		Boston Traffic Management Center Operations	\$324,000	\$81,000	\$405,000	
Boston Region		Improving the Region's Bike/Ped Infrastructure Program	\$490,838	\$122,710	\$613,548	
Boston Region		Regional Transportation Demand Management Program				
		<i>City of Boston Bike-year 2</i>	\$28,000	\$7,000	\$35,000	
		<i>City of Cambridge-year 2</i>	\$34,229	\$8,557	\$42,786	
		<i>City of Salem - year 2</i>	\$49,616	\$12,404	\$62,020	
Boston Region		Suburban Mobility Improvement Program				
		<i>MetroWest Regional Transit Authority-Year 2 funding for Framingham-Newton fixed-route bus service</i>	\$202,900		\$202,900	
		<i>Greater-Attleborough Taunton Regional Transit Authority-Year 2 funding for Duxbury/Marshfield fixed-route bus service:</i>	\$158,961		\$158,961	
		<i>Greater-Attleborough Taunton Regional Transit Authority-Year 3 funding for Franklin bus service</i>	\$91,188		\$91,188	
		<i>MetroWest Regional Transit Authority-Year 1 funding for new Saturday bus service between Framingham, Southborough, and Mc</i>	\$43,438		\$43,438	
		<i>Town of Acton: Year 1 funding for new town-wide dial-a-ride service</i>	\$52,794	\$13,199	\$65,993	
		<i>Town of Acton: Year 1 funding for new commuter rail station park & ride service</i>	\$42,394	\$10,599	\$52,993	
		<i>Town of Hull: Year 1 funding for new summer season ferry service from Boston to Hull (Nantasket Beach)</i>	\$46,141	\$11,535	\$57,676	
Congestion Mitigation and Air Quality Improvement Program Total			\$14,136,499	\$3,534,125	\$17,670,623	
				<i>CMAQ Regional Target</i>	<i>\$8,593,420</i>	

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National Highway System

			<i>Federal Funds</i>	<i>State Funds</i>	<i>Total Funds</i>	
Canton, Randolph & Westwood	87800	Route 128 Improvement Program Contract 3, Year Three of Six	\$9,567,511	\$2,391,878	\$11,959,389	
Dedham, Needham & Westwood	603206	Route 128 Improvement Program Contract 4, Year One of Six	\$2,400,000	\$600,000	\$3,000,000	
National Highway System Total			\$11,967,511	\$2,991,878	\$14,959,389	

Surface Transportation Program

			<i>Federal Funds</i>	<i>State Funds</i>	<i>Total Funds</i>	
Bedford, Billerica & Burlington	29491	Middlesex Turnpike (Mitre Extension), Phase Two	\$4,673,473	\$1,168,368	\$5,841,841	\$6,245,005
Danvers/Peabody	87612	Route 128 at Route 35 and Route 62	\$7,200,000	\$1,800,000	\$9,000,000	\$9,500,000
Foxborough, Norfolk, & Wrentham	602496	Route 115 (Pond/Pine St)	\$5,188,800	\$1,297,200	\$6,486,000	
Salem	601017	Route 1A (Bridge Street)	\$5,280,000	\$1,320,000	\$6,600,000	
Surface Transportation Program Total			\$22,342,273	\$5,585,568	\$27,927,841	

Highway Safety Improvement Program (HSIP) Project

			<i>Federal Funds</i>	<i>State Funds</i>	<i>Total Funds</i>	
Bedford, Billerica & Burlington	29491	Middlesex Turnpike (Mitre Extension), Phase Two	\$3,867,039	\$429,671	\$4,296,710	
Highway Safety Improvement Program Total			\$3,867,039	\$429,671	\$4,296,710	
					<i>HSIP Regional Target</i>	<i>\$4,296,710</i>

Surface Transportation Program/Enhancement

			<i>Federal Funds</i>	<i>State Funds</i>	<i>Total Funds</i>	
Ipswich	604945	North Green Improvements (Design)	\$73,440	\$18,360	\$91,800	
Cambridge	605188	Cambridge Common/Flagstaff Park (Design)	\$144,000	\$36,000	\$180,000	
Surface Transportation Program/Enhancement Total			\$217,440	\$54,360	\$271,800	

Total Regional Target Programming **\$65,126,363**

Boston Region MPO Regional Target with State Match *\$65,225,104*

FEDERAL-AID NON-TARGET PROJECTS

FEDERAL-AID American Recovery and Reinvestment Act of 2009

			<i>Federal Funds</i>	<i>State Funds</i>	<i>Total Funds</i>	<i>previous amount/notes</i>
Arlington	PROG-7	Cyrus Dallin or Thompson or Stratton Elementary School(s) Sidewalk Improvements	\$448,000		\$448,000	
Arlington/Somerville	DCR920	Minuteman Bike Path Connector	\$3,000,000		\$3,000,000	9/5/2009
Boston	M0330B	Northern Ave Sidewalk Improvements	\$800,000		\$800,000	
Boston		Dorchester Ave	\$12,926,000		\$12,926,000	8/15/2009
Boston		Resurfacing on Federal Aid Roads within Boston	\$21,000,000		\$21,000,000	8/15/2009
Burlington, Lexington, Reading, Woburn	605018	Guide and Traffic Sign Repair on I-95	\$3,289,560		\$3,289,560	advertised

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FEDERAL-AID American Recovery and Reinvestment Act of 2009 cont.

Cambridge and Charlestown	DCR927	North Bank Pedestrian Bridge	\$36,000,000	\$36,000,000	
Concord		Route 2	\$3,575,000	\$3,575,000	advertised
Harvard and Littleton	604400	Route 2	\$5,784,600	\$5,784,600	advertised
Lincoln	604629	Route 2	\$1,289,990	\$1,289,990	advertised
Lynn	DCR901	Blossom St Ferry Terminal	\$4,000,000	\$4,000,000	
Metro Boston	DCR930	Pavement Improvements to Metro Parkway System	\$3,000,000	\$3,000,000	
Metro Boston	DCR934	Sidewalk Improvements to Metro Parkway System	\$700,000	\$700,000	
Newton	MTA-MHS-04	Harvard St Bridge	\$3,500,000	\$3,500,000	
Region		Regionwide ITS Program	\$5,000,000	\$5,000,000	
Statewide	MTA-ALL-01	Statewide Communications Network Expansion	\$2,000,000	\$2,000,000	
Somerville		Magon Square	\$3,100,000	\$3,100,000	
Waltham	PROG 9	Northeast Elementary School Sidewalk School	\$518,000	\$518,000	
Watertown, Newton, Boston	DCR949	Nonantum Rd Improvements	\$6,059,400	\$6,059,400	8/15/2009
Weston	MTA-MHS-02	Ramp G over Turnpike	\$3,000,000	\$3,000,000	
Weston	MTA-MHS-03	Ramp G over Aqueduct	\$2,000,000	\$2,000,000	
Highway ARRA Total			\$120,990,550	\$120,990,550	

FEDERAL-AID BRIDGE PROJECTS

Bridge			<i>Federal Funds</i>	<i>State Funds</i>	<i>Total Funds</i>	<i>previous amount/notes</i>
Boston	600944	American Legion HWY over Route 203	\$4,904,904	\$1,226,226	\$6,131,130	
Framingham	604013	Fountain Street over MBTA and CSX	\$3,120,000	\$780,000	\$3,900,000	moved to 2010
Hanover	605101	Route 53 over Route 3	\$10,807,520	\$2,701,880	\$13,509,400	
Marlborough	603506	Robin Hill and Boundary Street Bridges over the Assabet	\$3,158,748	\$789,687	\$3,948,435	
Bridge Total			\$21,991,172	\$5,497,793	\$27,488,965	
Advance Construction Bridge			<i>Federal Funds</i>	<i>State Funds</i>	<i>Total Funds</i>	
Boston	604517	Chelsea Street Bridge	\$8,800,000	\$2,200,000	\$11,000,000	
Boston & Everett	603370	Route 99 (Alford Street) Bridge	\$4,000,000	\$1,000,000	\$5,000,000	\$6,000,000
Dedham, Needham & Westwood	603206	Route 128 Improvement Program Contract 4	\$800,000	\$200,000	\$1,000,000	
Lynn & Saugus	026710	Route 107 (Fox Hill) Bridge	\$800,000	\$200,000	\$1,000,000	ac balance to be paid from 2010 on
Advance Construction Bridge Total			\$13,600,000	\$3,400,000	\$17,000,000	

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Special Bridge Funds			<i>Federal Funds</i>	<i>State Funds</i>	<i>Total Funds</i>	
Danvers	603715	Route 1 over Centre Street	\$7,654,400	\$1,913,600	\$9,568,000	\$6,700,000
Millis	604240	Route 115 (Norfolk Rd) over Charles River	\$1,680,000	\$420,000	\$2,100,000	\$1,500,000
Special Bridge Funds Total			\$9,334,400	\$2,333,600	\$11,668,000	
			Federal-Aid Bridge Total		\$56,156,965	

FEDERAL AID MAJOR INFRASTRUCTURE AND STATEWIDE CATEGORIES

Interstate Maintenance			<i>Federal Funds</i>	<i>State Funds</i>	<i>Total Funds</i>
Marlborough, Hudson & Berlin	604877	Interstate 495	\$13,403,988	\$1,489,332	\$14,893,320
Stoneham, Winchester & Reading	604878	Interstate 93	\$9,855,648	\$1,095,072	\$10,950,720
Interstate Maintenance Total			\$23,259,636	\$2,584,404	\$25,844,040

National Highway System Statewide Preservation			<i>Federal Funds</i>	<i>State Funds</i>	<i>Total Funds</i>	<i>previous amount/notes</i>
Arlington/Belmont/Cambridge	604629	Route 2	\$3,367,200	\$841,800	\$4,209,000	
Wilmington and Methuen	605396	Guide and Traffic Sign Repair on I-93	\$4,044,401	\$808,880	\$4,044,401	
Somerville to Wilmington	604938	Guide and Traffic Sign Repair on I-93	\$5,008,542	\$1,001,708	\$5,008,542	
National Highway System Pavement Preservation Total			\$10,609,554	\$2,652,389	\$13,261,943	

FEDERAL AID EARMARKED FUNDING

High-Priority Projects (TEA-21)			<i>Federal Funds</i>	<i>State/Local Funds</i>	<i>Total Funds</i>
Bedford, Billerica & Burlington	29491	Middlesex Turnpike (Mitre Extension) Construction, Phase Two (HPP 924)	\$1,922,102	\$480,526	\$2,402,628
Boston		Symphony Area/Huntington Ave Streetscape Design (HPP 447)	\$200,000	\$50,000	\$250,000

High-Priority Projects (SAFETEA-LU)			<i>Federal Funds</i>	<i>State/Local Funds</i>	<i>Total Funds</i>	<i>previous amount/notes</i>
Acton and Maynard	604531	Assabet River Rail Trail Design (HPP 1761)	\$452,000	\$113,000	\$565,000	
Bedford, Billerica & Burlington	29491	Middlesex Turnpike (Mitre Extension) Construction, Phase Two	\$718,000	\$179,500	\$897,500	
Boston		Pedestrian Improvements to Kenmore Sq Construction (HPP 682)	\$3,318,758	\$829,690	\$4,148,448	
Boston	604775	Longwood Ave / Urban Ring Tunnel Study (HPP 856)	\$96,033	\$24,008	\$120,041	
Boston	600636	Massachusetts Avenue Construction (HPP 270)	\$1,260,573	\$315,143	\$1,575,716	
Boston	604997	Museum Way Improvements Construction (HPP 1960)	\$2,871,997	\$717,999	\$3,589,996	
Boston		Sullivan Square, Phase 1 Design (HPP 3568)	\$897,498	\$224,375	\$1,121,873	
Danvers to Peabody	604874	Border to Boston Bikeway Design (HPP 843)	\$718,000	\$179,500	\$897,500	
Danvers & Peabody	87612	Route 128 Improvements Construction (1477)	\$1,106,253	\$276,563	\$1,382,816	
Franklin	604988	Route 140 Design (HPP 4279)	\$400,000	\$100,000	\$500,000	
Hudson & Stow		Assabet River Rail Trail Design (HPP 1761)	\$269,250	\$67,312	\$336,562	

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Hull	604743	West Corner Culvert Construction (HPP 1681)	\$143,600	\$35,900	\$179,500	
Somerville		I-93 Mystic Avenue Interchange Study (HPP 792)	\$359,000	\$89,750	\$448,750	
Somerville	604778	Union Square Improvements Study (HPP 999)	\$73,961	\$18,490	\$92,451	
Somerville	604872	Assembly Square Multimodal Access Improvements Construction (HPP 4281)	\$5,007,375	\$1,251,844	\$6,259,219	
Watertown	601686	Pleasant Street and Howard Street Construction	\$341,449	\$85,362	\$426,811	
Watertown*	605139	Watertown Bike Path Construction (HPP 1400)	\$576,618	\$144,155	\$720,773	
Watertown*	605139	Watertown Bike Path Construction (HPP 1424)	\$579,339	\$144,835	\$724,174	
Walpole	605187	Washington St Design (HPP 2431)	\$125,650	\$31,412	\$157,062	all of earmark for construction in 2010
Weymouth		Weymouth Multi-Modal Center Construction (HPP 4276)	\$8,011,800	\$2,002,950	\$10,014,750	
Transportation Improvement Projects (SAFETEA-LU)						
Boston to Worcester		Rail Line Improvements (TI 172)	\$8,985,072	\$2,246,268	\$11,231,340	
High-Priority Projects Total			\$38,434,327	\$9,608,582	\$48,042,909	
*match to be provided by the Department of Conservation and Recreation						
Section Earmarks Other Match						
Section 112						
Medford	605122	Clippership Drive Streetscape Construction	\$990,000		\$990,000	
Cambridge	600991	Kendall Square/Broadway Streetscape Construction	\$750,000		\$750,000	
Section 117						
Cambridge	604993	Innovation Blvd Streetscape Construction	\$990,000		\$990,000	
Malden		Pleasant St Design	\$310,200		\$310,200	
Somerville		Streetscape Improvements Construction	\$983,928		\$983,928	
Section 125						
Norwood	603417	Morse St Bridge	\$665,000		\$665,000	
Section 330						
Winthrop		Winthrop Ferry Improvements Construction	\$496,750		\$496,750	
High-Priority Project (SAFETEA-LU) Other Match						
Boston	604774	National Park Traveler Information System & Visitor Center	\$1,218,000		\$1,218,000	
2004 Ferry Boat Discretionary Commuter Ferry						
Winthrop		Winthrop Ferry Improvements Construction	\$264,232	\$66,058	\$330,290	
2005 Ferry Boat Discretionary Ferry Infrastructure						
Winthrop		Winthrop Ferry Improvements Construction	\$208,167	\$52,042	\$260,209	
Eastern Federal Lands Highway Division						
Minuteman National Park (Concord)		Pavement Management Project	\$230,000		\$230,000	
Other Earmarks Total			\$7,106,277	\$118,100	\$7,224,377	
FFY 2009 Federal-Aid Non-Target Non-Bridge Projects Total					\$55,267,286	
FFY 2009 Total Federal-Aid Highway Program					\$436,403,397	
FFY 2009 Total Highway Program					\$436,403,397	

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Central Artery/Tunnel Project

	<i>Federal Funds</i>	<i>State Funds</i>	<i>Total Funds</i>
National Highway System (NHS)	\$70,000,000	\$17,500,000	\$87,500,000
State Transportation Program (STP)	\$56,845,000	\$14,211,250	\$71,056,250
Federal-Aid Subtotal	\$126,845,000		
Federal-Aid Matching Funds Subtotal		\$31,711,250	
			FFY 2009 Central Artery/Tunnel Funds Total
			\$158,556,250

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REGIONAL TRANSIT PROGRAM

Section 3037

		<i>Federal Funds</i>	<i>MBTA Funds</i>	<i>Total Funds</i>	
Systemwide	Job Access	\$1,502,650	\$375,662	\$1,878,312	
	Section 3037 MBTA Match Total	\$1,502,650	\$375,662	\$1,878,312	

New Freedom

		<i>Federal Funds</i>	<i>MBTA Funds</i>	<i>Total Funds</i>	
Systemwide	New Freedom	\$1,292,406	\$323,101	\$1,615,507	
	New Freedom MBTA Match Total	\$1,292,406	\$323,101	\$1,615,507	

Section 5307

		<i>Federal Funds</i>	<i>MBTA Funds</i>	<i>Total Funds</i>	
Systemwide	Locomotive and Coach Procurement	\$13,600,000	\$3,400,000	\$17,000,000	
Systemwide	ITS Initiatives	\$4,000,000	\$1,000,000	\$5,000,000	
Red Line	Power System Improvements	\$4,000,000	\$1,000,000	\$5,000,000	
Systemwide	Station Rehabilitation	\$4,000,000	\$1,000,000	\$5,000,000	
Green Line	MBTA Accessibility Program	\$21,600,000	\$5,400,000	\$27,000,000	
Blue Line	Blue Line Vehicles	\$8,000,000	\$2,000,000	\$10,000,000	
Systemwide	Station Management Program	\$2,800,000	\$700,000	\$3,500,000	
Bus	CNG Bus Overhaul Program	\$12,000,000	\$3,000,000	\$15,000,000	
Bus	Everett Maintenance Facility	\$4,400,000	\$1,100,000	\$5,500,000	
Systemwide	Elevator Replacement/Rehabilitation	\$25,862,679	\$6,465,670	\$32,328,349	\$34,135,951
Systemwide	Grant Anticipation Notes (GANs) Program	\$19,985,000	\$4,996,250	\$24,981,250	
Systemwide	MBTA Enhancement Program	\$1,354,482	\$338,621	\$1,693,103	
Systemwide	Preventative Maintenance	\$10,000,000	\$2,500,000	\$12,500,000	
Systemwide	Bus and Train Arrival LCD Signage	\$2,400,000	\$600,000	\$3,000,000	
	Section 5307 MBTA Match Total	\$134,002,161	\$33,500,540	\$167,502,702	

		<i>Federal Funds</i>	<i>State Funds</i>	<i>Total Funds</i>	
Cape Ann	Cape Ann Transportation Authority	\$501,362	\$125,341	\$626,703	\$430,710
MetroWest	MetroWest Transportation Authority	\$1,446,082	\$361,521	\$1,807,603	not previously included
	Section 5307 State Match Total	\$1,947,444	\$486,861	\$2,434,305	

High-Priority Projects (SAFETEA-LU)

		<i>Federal Funds</i>	<i>Local Funds</i>	<i>Total Funds</i>	
Bus	HPP Bus - Framingham Transit System	\$406,296	\$101,574	\$507,870	
	SAFETEA-LU High-Priority Projects (HPP Bus) Total	\$406,296	\$101,574	\$507,870	

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Section 5309

		<i>Federal Funds</i>	<i>MBTA Funds</i>	<i>Total Funds</i>
Blue Line	Blue Line Modernization	\$21,600,000	\$5,400,000	\$27,000,000
Red Line	Red Line Number 2 Car Overhaul	\$14,190,124	\$3,547,531	\$17,737,655
Systemwide	Kawasaki Coaches	\$1,600,000	\$400,000	\$2,000,000
Systemwide	Locomotive and Coach Procurement	\$33,295,500	\$8,323,875	\$41,619,375
<i>Section 5309 Infrastructure Program</i>				
Red Line	Columbia Junction	\$10,400,000	\$2,600,000	\$13,000,000
Systemwide	Power Improvements	\$7,080,000	\$1,770,000	\$8,850,000
Systemwide	Bridge and Tunnel Program	\$4,800,000	\$1,200,000	\$6,000,000
Section 5309 MBTA Match Total		\$92,965,624	\$23,241,406	\$116,207,030

Section 5309 Omnibus Earmarks 2008

		<i>Federal Funds</i>	<i>Funds</i>	<i>Total Funds</i>
Salem/Beverly	Intermodal Station Improvements (Salem/Beverly)	\$783,750	\$156,750	\$940,500
Blue Line	Wonderland Station Intermodal Transit Improvements (Revere, MA)	\$950,000	\$190,000	\$1,140,000
Section 5309 Omnibus Earmarks Total		\$1,733,750	\$346,750	\$2,080,500

Section 5307 (Carryover)

		<i>Federal Funds</i>	<i>MBTA Funds</i>	<i>Total Funds</i>
Bus	Everett Maintenance Facility	\$6,400,000	\$1,600,000	\$8,000,000
Systemwide	Redundant Operations Control Center	\$8,652,318	\$2,163,080	\$10,815,398
Red Line	Power System Improvements	\$8,652,318	\$2,163,080	\$10,815,398
Section 5307 Carryover MBTA Match Total		\$15,052,318	\$3,763,080	\$18,815,398

project will not be completed this year

Section 5309 (Carryover Earmarked Funds)

		<i>Federal Funds</i>	<i>Funds</i>	<i>Total Funds</i>
Beverly/Salem	Beverly/Salem Intermodal Center	\$1,146,400	\$286,600	\$1,433,000
Blue Line/North Shore	Feasibility Study for Blue Line Extension to Lynn	\$3,136,160	\$784,040	\$3,920,200
Salem	Beverly/Salem Intermodal Center	\$973,371	\$243,343	\$1,216,714
Beverly	Beverly/Salem Intermodal Center	\$973,371	\$243,343	\$1,216,714
Quincy	Quincy Catamaran	\$973,371	\$243,343	\$1,216,714
Revere	Wonderland Station	\$876,034	\$219,009	\$1,095,043
Red Line	Red Line Number 2 Car Overhaul	\$2,678,793	\$669,698	\$3,348,491
Systemwide	Power Improvements	\$4,000,000	\$1,000,000	\$5,000,000
Systemwide	Bridge and Tunnel Program	\$11,124,000	\$2,781,000	\$13,905,000
Systemwide	Positive Train Control	\$800,000	\$200,000	\$1,000,000
Boston	Commonwealth Ave	\$525,280	\$131,320	\$656,600
Boston	Improvements at Harbor Islands Park	\$217,360	\$54,340	\$271,700
Hingham	Hingham Intermodal Center	\$3,756,172	\$939,043	\$4,695,215
Commuter Rail	Auburndale Station	\$1,264,000	\$316,000	\$1,580,000

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Section 5309 (Carryover Earmarked Funds) cont.		<i>Federal Funds</i>	<i>State/Local Funds</i>	<i>Total Funds</i>
Commuter Rail	Rockport Improvements	\$1,338,386	\$334,596	\$1,672,982
Commuter Rail	Fitchburg Line Improvements	\$6,272,160	\$1,568,040	\$7,840,200
Medford	Medford Downtown Parking	\$973,371	\$243,343	\$1,216,714
Melrose	Commuter Rail Station Improvement	\$686,000	\$171,500	\$857,500
Ferry	Vessel Procurement, Engine Overhaul and Improvements at Quincy	\$5,980,000	\$1,495,000	\$7,475,000
Woburn	Woburn Park & Ride Facility	\$1,439,840	\$359,960	\$1,799,800
Section 5309 MBTA Various Match Total		\$49,134,070	\$12,283,517	\$61,417,587

FEDERAL-AID American Recovery and Reinvestment Act of 2009

MBTA 5307 Urban Formula		<i>Federal Funds</i>	<i>State/Local Funds</i>	<i>Total Funds</i>
The RIDE	Vehicle Procurement (up to 108 vans)	\$5,500,000		\$5,500,000
Systemwide	Track and Right of Way Improvements	\$3,800,000		\$3,800,000
Systemwide	Rolling Stock (Buses)	\$30,700,000		\$30,700,000
Commuter Rail	Double Track Initiative (Fitchburg and Haverhill Lines)	\$39,810,000		\$39,810,000
Systemwide	Station Upgrade Program	\$21,703,250		\$21,703,250
Systemwide	Facility Upgrade Program	\$14,636,188		\$14,636,188
Bus	Bus Stop and Corridor Enhancements (including Bus 23 and Silver Line)	\$10,325,000		\$10,325,000
MBTA 5307 Urban Formula ARRA Funds Total		\$126,474,438		\$126,474,438

MBTA 5309 Fixed Guide way		<i>Federal Funds</i>	<i>State/Local Funds</i>	<i>Total Funds</i>
Commuter Rail	Double Track Initiative (Fitchburg and Haverhill Lines)	\$10,000,000		\$10,000,000
Commuter Rail	Bridge Program (Drawbridge Repairs)	\$3,000,000		\$3,000,000
Systemwide	Station Upgrade Program	\$12,918,000		\$12,918,000
Commuter Rail	Signal and Grade Crossing Improvements (Fitchburg and Haverhill Lines)	\$17,595,648		\$17,595,648
Systemwide	Facility Upgrade Program	\$8,000,000		\$8,000,000
MBTA 5309 - Fixed Guide way ARRA Funds Total		\$51,513,648		\$51,513,648

MBTA ARRA Funds Total **\$177,988,086** **\$177,988,086**

MetroWest Regional Transit System

Systemwide	Vehicle and Equipment Procurement	\$750,000		\$750,000
MWRTA ARRA Funds Total		\$750,000		\$750,000

Cape Ann Transportation Authority

Systemwide	Bus and Equipment Procurement	\$676,170		\$676,170
CATA ARRA Funds Total		\$676,170		\$676,170

Federal-Aid Subtotal

Federal-Aid Various Matching Funds Subtotal

Federal-Aid MBTA Matching Funds Subtotal

\$476,024,805

\$12,871,952

\$61,203,790

FFY 2009 Regional Transit Funds Total **\$551,873,467**

FFY 2009 TIP Total **\$1,148,913,614**

Draft Memorandum for the Record

Transportation Planning and Programming Committee of the Boston Region Metropolitan Planning Organization (MPO)

June 11, 2009 Meeting

10:15 AM –12:30 PM, State Transportation Building, Conference Room 4, 10 Park
Plaza, Boston

David Mohler, Chair, representing James Aloisi, Executive Office of Transportation &
Public Works (EOT)

Decisions

The Transportation Planning and Programming Committee voted to take the following
actions:

- elect MAPC, represented by Eric Bourassa, as vice chair of the Transportation
Planning and Programming Committee
- approve the minutes of the meeting of May 14 and the minutes of the Municipal
TIP Day meetings of May 21 and 28

Meeting Agenda

1. Public Comments

Judy LaRocca, Town of Concord, Bruce Freeman Rail Trail Advisory Council, spoke in
support of the Bruce Freeman Rail Trail project and requested that the MPO program the
project in the FFYs 2010-2013 Transportation Improvement Program (TIP). She stated
that the Town of Concord is ready to go with the project, which is at 25% design. The
town has received comments from MassHighway on the 25% design and a 25% design
hearing has been scheduled. She stated that the project has the support of the Concord
Board of Selectmen and Conservation Commission. She also added that the project fits in
well with other projects, may help increase ridership on the Fitchburg commuter rail line
and alleviate congestion on Route 2, and that it aligns with the town's Safe Routes to
School program.

John Woodsmall, Town of Southborough, requested that the MPO consider programming Southborough's Main Street reconstruction project in the FFYs 2010-2013 TIP. The town expects to respond to MassHighway's comments on the project's 25% design by autumn. Both the town and the MassHighway District Office believe that the project can be ready for construction in 2011, he said. He also noted that the project has strong community support and addresses an important commuter corridor. Further, the design includes many recommendations from the MPO's *Pedestrian and Bicycle Improvements in Town Centers* study.

Wig Zamore, Somerville Transportation Equity Partnership/Mystic View Task Force, provided information to members regarding the planned Assembly Square Orange Line station as a follow up to questions that arose at the June 4th meeting. At that meeting, he advocated for changing the project design to include two entrances to the station rather than one. He distributed two handouts (see attached). One showed the size of the Assembly Square development as being the same distance as North Station is from South Station. The other showed the building layout for the development. W. Zamore noted that if there were one entrance in the center of the Orange Line platform transit riders would arrive at the back of the buildings, rather than at cross streets. He again advocated for two entrances at the ends of the platform.

2. Chair's Report – *David Mohler, EOT*

The MPO elections have been held. The Town of Braintree was elected to the seat previously held by the City of Salem, and the Town of Bedford won re-election.

Members were asked to sign a form endorsing their April decision to specify the Federal Functional Classification of several roadways in Somerville – Assembly Square Drive, New Road, Foley Street, G Street, IKEA Way, and Lombardi Street – as “collectors.”

Eric Bourassa, Metropolitan Area Planning Council, asked if EOT has developed a schedule for amending the Regional Transportation Plan (RTP). He remarked upon the

interest some legislators have expressed on the transportation finance issue. D. Mohler stated that EOT is working on developing a schedule and that he expects that EOT will have a finance plan in July. Mary Pratt, Town of Hopkinton, suggested that the legislators refer to the Transportation Finance Commission Report.

Paul Regan, MBTA Advisory Board, asked for information on the status of the conversation about the finance plan issue at EOT and whether EOT is waiting for the resolution on the state transportation reform bill before producing the finance plan. D. Mohler replied that EOT is assessing how much money is available and what are the priorities. He indicated that the development of the finance plan is not tied to the bill, but that a challenge will be how to address the \$160 million gap in the MBTA's finances.

David Koses, City of Newton, inquired about the deadline for amending the RTP in order that the current TIP does not become invalid. D. Mohler stated that the deadline is October 1st.

M. Pratt stated that the Central Artery/Tunnel project should be a separate bonded item and not placed as a burden on the Massachusetts Turnpike Authority and MBTA.

3. Subcommittee Chairs' Reports – *Jim Gallagher, MAPC, and Paul Regan, MBTA Advisory Board*

The Suburban Mobility/Transportation Demand Management (TDM) Subcommittee will meet this afternoon and make recommendations on proposals. The Subcommittee will bring those recommendations to the Committee on June 18th.

The Administration and Finance Subcommittee will meet on June 18th at 9AM.

4. Regional Transportation Advisory Council – *Laura Wiener, Regional Transportation Advisory Council*

The Advisory Council met on June 10th. The meeting included a presentation about the MBTA's Program for Mass Transit and a discussion on the status of the TIP and Unified

Planning Work Program (UPWP). Next month the Council will be developing comments on the TIP and UPWP. In August, the Council will have a presentation on the Accelerated Bridge Program. Secretary Aloisi is scheduled to attend a meeting in September.

5. Director's Report – *Arnie Soolman, Director, Central Transportation Planning Staff (CTPS)*

CTPS is working on its budget. There will likely be an excess of about \$400,000 in 3C Planning funds available for new studies. This will be discussed in more detail in the UPWP Subcommittee meeting next week.

M. Pratt indicated that she was pleased to see the Town of Southborough bring its Main Street reconstruction project to the MPO as this project has elements recommended from the UPWP study, *Pedestrian and Bicycle Improvements in Town Centers*.

6. Election of Vice Chair – *David Mohler, EOT*

A motion to elect MAPC, represented by Eric Bourassa, as vice chair of the Transportation Planning and Programming Committee was made by Richard Reed, Town of Bedford, and seconded by M. Pratt. The motion passed unanimously.

7. Meeting Minutes -- *Pam Wolfe, Manager of Certification Activities, CTPS*

A motion to approve the minutes of the meeting of May 14 was made by P. Regan, and seconded by Ginger Esty, Town of Framingham. The motion passed unanimously.

A motion to approve the minutes of the Municipal TIP Days meetings of May 21 and 28 was made by P. Regan, and seconded by G. Esty. The motion passed. R. Reed abstained.

8. Staff Recommendation – Highway Projects, FFYs 2010 – 2013 Transportation Improvement Program and Amendment 4 of the FFY 2009 Element of the FFYs 2007 – 2010 TIP – *Hayes Morrison, TIP Manager, MPO Staff*

Amendment 4 of the FFY 2009 Element of the FFYs 2007 – 2010 TIP

Staff distributed draft TIP tables for Amendment 4 of the FFY 2009 Element of the FFYs 2007 – 2010 TIP and a handout showing changes to the transit element for members to review prior to discussion at a future meeting. (See attached.)

J. Gallagher asked about the status of the *Arlington – Cyrus Dallin or Thompson or Stratton Elementary School(s) Sidewalk Improvements* project, which is programmed to receive American Recovery and Reinvestment Act (ARRA) funding. H. Morrison replied that the Commonwealth had not informed her that there is a need to make an adjustment to the ARRA project list at this time. D. Mohler stated that some ARRA projects will not be advertised within the 120-day timeframe for expending stimulus funding.

J. Gallagher then asked if communities would be informed that their projects might not go forward. D. Mohler replied that communities would be informed during the development of the FFYs 2010 – 2013 TIP. He also stated that there will be a discussion about putting projects that were not advertised in time for the first round of stimulus funding on the TIP to receive funding for the second round of stimulus funding. Projects originally scheduled for the first round of funding could still be advertised this summer, before the start of FFY 2010.

M. Pratt suggested putting indicators on the TIP tables to show which projects are tentative for receiving ARRA funding. D. Mohler advised staff to put the advertising date next to the projects that have been advertised.

P. Regan discussed a project idea (for Congestion Mitigation and Air Quality Improvement Program funding) developed by *TransitWorks*, a non-profit transportation research organization formed by A Better City and the MBTA Advisory Board. (See attached project description.) *TransitWorks* gathers survey data on the preferences of transit riders. *TransitWorks* is proposing to conduct a telephone survey of transit riders and people who do not use transit, and to expand the work of “Charlie Volunteers,” who ride the MBTA and chronicle their journeys. The project would cost about \$50,000 and

could begin as soon as possible. P. Regan noted that the project would provide valuable information to the MPO and make the MPO a leader in acquiring this type of survey data. He asked for the MPO's support for the project.

E. Bourassa stated that MAPC is finalizing a project list of municipal priorities for ARRA funding that it will share with staff. D. Mohler asked about how the list is being developed. J. Gallagher stated that MAPC has sent letters to municipalities requesting information on their priorities and considered information that municipalities supplied at the MPO's Municipal TIP Input Days.

FFYs 2010 – 2013 TIP

Members then discussed the TIP tables that show the staff recommendation for the FFYs 2010 – 2013 TIP. This document is intended to be the starting point for discussion for TIP development. H. Morrison noted that the tables are based on targets announced at the recent MARPA meeting. She then provided an overview of the changes noting where there were project cost changes, and projects removed or added.

FFY 2010 Element

Noting that the *Framingham – Central Street over the Sudbury River* bridge project was moved out of the FFY 2010 element, Ginger Esty, Town of Framingham, stated that the project is important for traffic flow. She also referenced another Framingham project – the *Danvers Street* bridge. H. Morrison stated that the *Central Street* project is still in the TIP having been moved to the FFY 2012 element. The *Danvers Street* project may be in the Accelerated Bridge Program, she said.

David Koses, City of Newton, requested that staff provide a list of projects that could be ready in the next couple of years and that are not included in the staff recommendation. H. Morrison noted that the universe of projects includes those for which federal funding has been requested (those projects in the TIP binder that members received for Municipal TIP Input Days) and that the universe is reflected in the project evaluation forms distributed to members of the committee at Municipal TIP Input Days. This evaluation

matrix includes the design status and cost information for projects. D. Mohler asked staff to sort the evaluation forms by design status.

Richard Reed, Town of Bedford, suggested extending the timeframe for voting on the TIP to allow members more time to review the information available to them. Members agreed to take up Amendment 4 on June 18, and discuss the FFYs 2010 – 2013 TIP on July 2. Members were advised to plan to meet every week in July for the development of the TIP and the RTP amendment.

H. Morrison walked members through the TIP tables. (Changes are noted on the right-hand side of the attached TIP tables. Where there were cost changes, the former cost is also noted on the right.)

Members raised the following questions and points:

J. Gallagher noted that due to the cost change for the *Bellingham – Pulaski Boulevard* project – to \$13 million – the project would have to be included in the RTP. (Projects costing over \$10 million must be listed in the RTP.)

D. Mohler asked what programs were included in the Regionwide CMAQ Program? H. Morrison stated that the category includes \$1.55 million for the Regional Bicycle Parking Program and the Suburban Mobility and TDM Programs, and an additional \$950,000 for other CMAQ projects to be selected by the committee.

D. Mohler asked if the FFY 2009 design funds for the Ipswich – North Green Improvements project had been obligated. H. Morrison stated that the design funds had not been obligated. Staff is working with EOT to ensure the obligation of funds in FFY 2010, she said.

H. Morrison noted that the Special Bridge Funds category includes special funding Congress provided to states following the bridge collapse in Minnesota. These funds will be provided by FHWA in FFYs 2009 and 2010.

D. Mohler asked if all the highway projects (in the Federal Aid Target category) are likely to be ready for the year programmed. H. Morrison replied yes.

In reference to several High-Priority Project (HPP) earmarked projects for Boston (in the Federal Aid Non-Target category), D. Mohler noted that earmarked projects cannot be in the TIP unless they are ready to be constructed. He expressed concern that the *Huntington Avenue/Symphony Area Streetscape Construction, Melnea Cass Boulevard Construction, and Warren Street/Blue Hill Avenue* projects are not at the design stage that would enable construction within the TIP timeframe. Jim Gillooly, City of Boston, stated that he would do some research on the projects and work with staff within the next week.

D. Mohler asked if the HPP Walpole – Washington Street project was programmed for design or construction? H. Morrison stated that it is programmed for construction.

J. Gallagher raised the issue of the possible rescinding of unobligated HPP (TEA-21) funding, as a result of a provision included in a federal House bill. D. Mohler stated that, if the provision passes, and those earmarked projects are not advertised, the funding could be rescinded. Therefore, the placement of the *Boston – Huntington Avenue/Symphony Area Streetscape Construction* project in the TIP does not secure the funding for the project. J. Gillooly added that the full design of the project is underway and that, if the earmark is not eliminated by the federal legislation, the project will be ready for construction in FFY 2010.

Regarding two earmarks for Somerville projects, Thomas Bent, City of Somerville, noted that the *Somerville Community Path, Phase I* project is at 100% design, and the *Beacon Street* project is at 75%.

P. Regan asked about the *Woburn – Salem Street over MBTA* bridge project. H. Morrison stated that it was moved off the TIP.

J. Gallagher noted that the *Quincy Center Concourse* project would have to be added to the FFY 2010 element after the RTP is amended.

FFY 2011 TIP

H. Morrison noted that the Arlington, Somerville, Cambridge – Minuteman Bikeway Connector project is on the list for ARRA funding.

Funding for the *Concord & Lincoln – Route 2 (Crosby's Corner)* project begins to be programmed in the FFY 2011 element across three funding programs: CMAQ, Surface Transportation, and Highway Safety Improvement. Approximately \$19-20 million would be programmed each year from FFYs 2011 to 2013. (The total project cost estimate is approximately \$72 million.)

R. Reed inquired about the funding for right-of-way acquisition for the *Crosby's Corner* project. D. Mohler said he expects the acquisition will begin this fiscal year (this month) and go into the next fiscal year. It would be funded with state funds (under the state's non-federal aid bond cap). R. Reed then asked if it could be assured that the state could purchase the right-of-way given the current issues of balancing the state budget. D. Mohler replied that the state will be committed to purchasing all the right-of-way as soon as it makes the first land purchase. The first purchase is expected to occur by June 30.

M. Pratt noted that the total cost (federal and state dollars) for the *Crosby's Corner* project will be about \$100 million (including right-of-way acquisition). She also noted that the Town of Concord proposed an associated project at Municipal TIP Input Day that would address stormwater issues.

H. Morrison noted that the *Needham, Wellesley – Route 128 Improvement Program* project is moving to FFY 2012 (roadway contract six, project number 603206), and the *Concord – Route 2* project is funded by ARRA.

J. Gallagher asked about when the entire *Route 128 Improvement Program* is expected to be finished. D. Mohler stated that he would find out.

FFY 2012

H. Morrison noted that the *Somerville – Magoun Square* project will be funded by ARRA.

J. Gallagher inquired about the funding in FFY 2011 being more than seemed to be previously available. H. Morrison replied that the difference was approximately \$2 million and she would check into the discrepancy.

Lourenço Dantas, Massport, stated that Massport will be requesting that the MPO program the *East Chelsea Bypass* project, which has a \$5 million earmark, in the FFY 2012 element. The project is in the RTP with an estimated cost of \$17 million. That figure will be revised to reflect both a current estimate and available outside funding.

Joe Cosgrove, MBTA, asked about the status of the *Longfellow Bridge* project. D. Mohler stated that the project is slated for FFY 2011 and will be in the Accelerated Bridge Program. In 2015 part of the funding for Accelerated Bridge Program will convert to Grant Anticipation Notes (GANS).

FFY 2013

Members further discussed the *Crosby's Corner* project. As programmed, the MPO would spend \$56 million in the FFYs 2010 – 2013 TIP for the \$72 million project, the remaining \$16 million that would need to be programmed in FFY 2014 element.

R. Reed asked about how the project is going to be executed and whether the construction sequence had been determined (for year-by-year construction funding needs). He asked if the figures in the TIP would have to be adjusted after the project is advertised to better reflect the construction spending and if there would then be flexibility to fund other projects.

D. Mohler stated that there would be one contract for the four-year project. The TIP shows the cash flow, but not based on the construction sequence. The TIP reflects an anticipated funding of approximately equal amounts over the anticipated construction timeline. In this case, the project is projected to take four years to construct. However, an attempt should be made to match the TIP figures to construction expectations, he said.

D. Koses asked why the *Hudson – Washington Street* project received priority in this element. H. Morrison stated that the project was prioritized based on safety, mobility and operations and cost issues. The location is a high crash area and the project design addresses the safety need. The project has also been in the RTP. The Town of Belmont also had a project that addressed safety, but the cost was too high to fit in this element.

Staff was asked to provide the following information to members:

- 2009 Draft TIP tables
- List of projects in the first five years of the RTP
- Index of projects in the draft FFY 2009 – 2012 TIP
- Project evaluations sorted by design status

Members agreed to further discuss the TIP on July 2. The MPO could then release the TIP to the public (though the formal public review period would not take place until the RTP amendment was also released for public review).

9. Members Items

J. Gillooly remarked on the importance of coordinating various projects to repair bridges over the Charles River given that multiple agencies, cities, and organizations are involved

(including MassHighway, Department of Conservation and Recreation, Cities of Boston and Cambridge, and business coalitions). D. Mohler noted that DCR controlled bridges that carry motor vehicles will be coming under the purview of MassHighway.

M. Pratt advocated for funding to repair the Long Island Bridge, which serves a hospital on the island.

R. Reed requested that staff provide a list of subcommittee assignments. D. Mohler stated that subcommittee assignments can be chosen, but must also reflect an even number of members on each committee. Members agreed to take this issue up again.

10. Adjourn

Transportation Planning and Programming Committee Meeting Attendance
Thursday, June 11, 2009, 10:00 AM

Member Agencies

EOT
City of Boston

City of Newton
City of Somerville
MAPC

Massport
MBTA

MBTA Advisory Board
Regional Transportation
Advisory Council
Town of Bedford
Town of Hopkinton
Town of Framingham

Representatives and Alternates

David Mohler
Jim Gillooly
Thomas Kadzis
David Koses
Thomas Bent
Eric Bourassa
Jim Gallagher
Lourenço Dantas
Joe Cosgrove
Ron Morgan
Paul Regan
Laura Wiener
Steve Olanoff
Richard Reed
Mary Pratt
Ginger Esty

MPO Staff/CTPS

Michael Callahan
Maureen Kelly
Anne McGahan
Hayes Morrison
Sean Pfalzer
Karl Quackenbush
Arnie Soolman

Other Attendees

Robert Hull
Judy LaRocca
Sue McQuaid
John Woodsmall
Wig Zamore

Friends of Bruce Freeman Rail Trail
Town of Concord
Neponset Valley Chamber of Commerce
Town of Southborough
Somerville Transportation Equity
Partnership/Mystic View Task Force