

REGIONAL TRANSPORTATION ADVISORY COUNCIL

Summary of July 9, 2008 Meeting

This meeting was held in Conference Room 4 of the State Transportation Building.

The meeting was called to order at 3:05 PM.

1. Chair's Report – *Kristina Johnson, Chair and City of Quincy*

The Transportation Planning and Programming Committee voted to recommend the MPO adopt an amendment to the FFY 2008 element of the FFYs 2007-2010 Transportation Improvement Program much like that circulated for public review. Kristina had informed the body that the Advisory Council submitted a comment letter on the amendment and had briefly summarized its points. The MPO subsequently voted to adopt the amendment as recommended by the Transportation Planning and Programming Committee.

The Transportation Planning and Programming Committee voted to release a Draft FFY 2009 Unified Planning Work Program for public review. The Advisory Council's UPWP Committee has drafted letter, which the Advisory Council will consider for approval later in the meeting.

The Transportation Planning and Programming Committee also voted to approve a work program for the Assembly Square Station Feasibility Study, which entails performing the travel demand analysis for the MBTA's New Starts application.

David Mohler, chair of the Transportation Planning and Programming Committee, announced that he has signed the notice for MAPC to administer the FFY 2009 Bike Parking Program, which reimburses communities for the purchase of bike racks. Quincy is among the communities participating in the program; Kristina would offer advice to those interested in the program.

2. Approval of the Draft Meeting Minutes of May 14, 2008, and June 11, 2008

Approval of these minutes was tabled until the August meeting.

3. Member Announcements

There were no member announcements.

4. Presentation: "Update: Mobility Management System Program" – *Jared Fijalkowski, MMS Manager, MPO Staff*

Jared Fijalkowski presented a brief overview of the Mobility Management System (MMS) and an update on MassHighway and Massachusetts Turnpike Authority park-and-ride lots.

The MMS monitors operational and management performance of a number of multimodal transportation facilities in the region, including:

- Freeways
- Arterial Roadways
- Intersections
- Transit
- Park-and-Ride Lots
- HOV Lanes
- Bicycle and Pedestrian Transportation

This monitoring provides the MPO with the most recent performance information and leads to recommendations for action when congestion and other mobility deficiencies are found. Generally, recommendations fall into three areas: proposals for the detailed study of a location, corridor, or area in the MPO region; proposals for the introduction of new programs or services, and; prioritization of transportation needs to be considered in the project evaluation processes of the Transportation Plan and the Transportation Improvement Program.

The MMS identifies capacity and demand of park-and-ride facilities. Building from data collected by the Executive Office of Transportation and Public Works, staff analyzed 39 MassHighway- or Turnpike Authority-operated parking lots with a combined total of nearly 7,000 parking spaces throughout the state. As of May 2007, 57% of parking spaces at MassHighway lots and 35% of parking spaces at Turnpike Authority lots were utilized, which are increases since May 2005 of 10% and 16% respectively.. Lots with greatest use generally sit within ½-mile of a highway access, lie at least 25 minutes from Boston, and accommodate bus service. Staff has recommended locations for new Park-and-Ride lots based on these findings.

Information about the MMS is available on the MPO website: www.bostonmpo.org*.

Points and Issues Raised During Discussion

If projects that add capacity must derive from the MMS, how does that relate to the TIP process for projects with added capacity? (David Ernst, MassBike)

All TIP projects that add capacity in the form of additional travel lanes must be recommended through the MMS. The MMS also provides data used in the TIP selection process, e.g. MMS measures average speed of arterial roadway corridors (J. Fijalkowski)

Are all park-and-ride lots linked to transit? (Laura Wiener, Arlington)

Three park-and-ride lots in Newton are within 1000 ft. of commuter rail. Some other lots have private bus service. (J. Fijalkowski)

Are the four lots that are under-capacity (utilization is <85%) poorly positioned? (Elliot Rothman, Boston Society of Architects)

Some lots are more than two miles from a highway interchange and share a lot with local businesses. These lots may suffer from poor signage and convenience. (J. Fijalkowski)

Where is the Weston park-and-ride lot? (Chan Rogers, Southwest Advisory Planning Cmte.)

The lot is located on I-90 at Route 128 around Route 30. (J. Fijalkowski)

How can bus carriers better utilize park-and-ride lots? (E. Rothman)

* Information is posted as of the date of these minutes.

Bus carriers are private companies, and one could expect that these companies would have considered providing service to over-capacity lots. EOTPW would be the appropriate agency to approach private bus carriers on this topic. (J. Fijalkowski)

Is there an institutional divide between management of transit service and management of the MassHighway and Turnpike Authority park-and-ride lots? (D. Ernst)

It is possible that service standards and financial constraints do not support additional bus service at over-capacity lots. (J. Fijalkowski)

The State should advertise its border park-and-ride lots to commuters from other states and should better link transit. (Beverly Woods, Northern Middlesex Council of Governments)

Do you measure transit-based (e.g. commuter rail or rapid transit) park-and-ride lots? (John McQueen, WalkBoston)

Two years ago the MMS collected data for the commuter rail and rapid transit park-and-ride lots. (J. Fijalkowski)

In lieu of increased commuter rail capacity at South Station, more park-and-ride lots please the Southwest Advisory Planning Committee, but the State should advertise better. (C. Rogers)

MassRIDES is the State's Transportation Management Association charged with advertising park-and-ride availability. (J. Fijalkowski)

MassRIDES has staff on hand to answer clients' questions, and questions regarding park-and-ride lots are the most popular. Please call 1-888-4-COMMUTE for more information. Leon Papadopoulos, MassRIDES)

What criteria does MassHighway use to identify new park-and-ride lots? (Malek Al-Khatib, Boston Society of Civil Engineers)

This is a question best answered by MassHighway. MassHighway works with communities and with MassCommute to establish new lots around the state. (J. Fijalkowski)

5. Presentation: "FFYs 2009-2012 Transportation Improvement Program (TIP) Update"
– Hayes Morrison, TIP Manager, MPO Staff

Hayes Morrison presented information about the Amendment to the FFY 2008 Element of the FFYs 2007-2010 TIP and the potential Draft FFYs 2009-2012 TIP.

The Amendment received approval on June 26 from the MPO and has received verbal approval from the Federal Highway Administration and Federal Transit Administration approval.

Although the Transportation Planning and Programming Committee has approved the listing of projects to be included in each element of the Draft FFYs 2009-2012 TIP, federal partners have asked the draft not be circulated for public comment without the updated air quality conformity determination, which is dependent on U.S. Environmental Protection Agency's approval of changes to the state's Transportation Control Measures, the State Implementation Plan Transit Commitments. Once EPA approves, and the air quality conformity for the Draft JOURNEY TO 2030 Plan Amendment has been done, the MPO will release the Draft FFYs 2009-2012 TIP for public comment. Comments will be accepted on the draft listing of projects even though they are

not out for public comment. The proposed listing of projects for the Draft FFYs 2009-2012 TIP is available at the MPO website: www.bostonmpo.org.

Points and Issues Raised During Discussion

If a project is not on the Draft FFYs 2009-2012 TIP tables, does that preclude a project from being included in the Final TIP? (Bob Campbell, Braintree)

A project can be added before the MPO approves a final TIP. If a project programmed on the Draft TIP is not ready for advertisement in that Federal Fiscal Year, it will be replaced by a project that is ready. There is no set determination for replacement projects. The MPO seeks to program funds to meet its annual targets, rarely leaving any funds on the table. (H. Morrison)

Is there a list of these replacement projects? (B. Campbell)

Highway projects come from the Universe of Projects – included in Appendices A and B of the TIP – and require Project Information Forms submitted by project proponents. Municipalities should continue to design and advocate for their projects' inclusion if it is their intention that they be funded in the TIP. (H. Morrison)

Does the \$97,000 Longwood Avenue Urban Ring Tunnel Study include issues related to water retention? (E. Rothman)

MPO staff has not seen this project's scope of work. The study is part of a ~\$900,000 federal-state earmark for the Urban Ring project, which includes study of and outreach for the Urban Ring project. (H. Morrison)

What is the definition of design? (Bill Friel, Canton)

The design process includes funds that a project proponent would need to move a project from a project need/project initiation form to MassHighway's Project Review Committee's (PRC) approval, at which point a PRC number is given to the project. Once the project has a PRC number, it is eligible to be included in a TIP. The project proponent typically designs the project and works with MassHighway to develop it through the 25%-, 75%-, 100%-design stages. Earmarks should fund a project from concept to 100%-design, and any remaining funds should be applied to construction. If a project exceeds its earmark funding (design plus construction), it must compete for TIP funds with other projects in the Universe of Projects. (H. Morrison)

Does the MPO provide funding for privately auditing projects? (E. Rothman)

The MPO process does not allow for private audits. Such work would require change to federal regulations governing MPO processes. (H. Morrison)

Could you please say more about the Longwood Avenue project? (Marilyn Wellons, Riverside Neighborhood Association)

The Longwood Avenue Urban Ring Tunnel earmark is only a one-year portion of the larger, multi-year Urban Ring project earmark. The Longwood Avenue line item includes study, outreach and other costs. (H. Morrison)

Does your role in the TIP process include managing funding for a project while someone else works to develop the project's scope of work? (D. Ernst)

MPO staff works specifically with funding, while MassHighway or EOTPW typically develops project scopes. However, MPO staff can help with questions related to project scopes on a limited basis. (H. Morrison)

If Medway has a federal earmark for a project but the project is not on the Draft FFYs 2009-2012 TIP, what would Medway have to access the earmark? (C. Rogers)

To access the federal earmark, Medway needs to develop with EOTPW a scope of work and a plan to provide a 20% funding match for design, with MassHighway possibly matching construction. Medway cannot access the earmark for design until it proves it has funding for both design and construction. If the earmark does not cover construction costs, the project is added to the competitive Universe of Projects. The project will not receive earmark funding for design until it secures programmed funding for construction. (H. Morrison)

How would a project proponent derive a construction estimate without design work? (L. Wiener)
Federal guidance suggests that design costs 10% of construction. (H. Morrison)

6. Presentation: “Neighboring MPO Update: Northern Middlesex Council of Governments” – Beverly Woods, Executive Director, NMCOG

Beverly Woods detailed several projects developing in the Greater Lowell region, including:

- I-495 Corridor Study
- Bruce Freeman Rail Trail
- River Crossings
- Lowell Regional Transit Authority
- Commuter Rail to New Hampshire
- Hamilton Canal District, Lowell
- Lowell Junction, I-93 Interchange

A recent MassHighway study on I-495 found that the highway does not currently require greater capacity, but in 2025 the stretch from Littleton to Salisbury may need more lanes. The study also recommended redesign of several interchanges to improve safety and to reduce congestion.

Phase 1 of the Bruce Freeman Bike Path (Path), extending from Lowell to Westford, commenced in October 2007 and will be completed in Fall 2009. The Towns of Acton, Carlisle and Westford recently completed 25% design plans and applied for enhancement funds for Phase 2 of the Path. The Path would connect communities from Lowell to Framingham along abandoned CSX lines.

There are several bridges in the region that require immediate attention. Three of the six bridges in Lowell experience structural problems and will undergo construction this summer and fall. MassHighway will conduct a traffic management study to mitigate congestion during the time that those projects are underway.

Reflecting a survey of its riders’ needs, the Lowell Regional Transit Authority (LRTA) has relocated its hub from downtown Lowell to Gallagher Terminal, the terminus of the commuter rail line. The Terminal now supports rail, regional and private bus, and paratransit services.

Legislators and transportation officials in Massachusetts and New Hampshire have pursued extending commuter rail from Lowell to Nashua and Manchester, adapting their liability limitation laws and establishing a new transit authority to accommodate the service. NMCOG and the MBTA are working with the regional planning authorities in Nashua and Manchester to move ahead with the project.

The City of Lowell contracted with Trinity Financial to conduct a master plan for the Hamilton Canal District, a 15-acre transit-oriented development between the Gallagher Terminal and Downtown Lowell. The project will rehabilitate 2 million sq. ft. of underutilized historic mill buildings for mixed-use development, providing jobs and affordable house, and for a new trial court. As the new development should generate 12,000 new trips per day, local and regional authorities have considered extending an historic trolley from downtown through the District and to Gallagher Terminal.

Finally, a new interchange on I-93 near Tewksbury, Andover and Wilmington would open 700 acres for development. Local officials have established Priority Development Sites and have considered form-based design codes to guide growth. MassHighway is soliciting for a consultant to complete a Draft Environmental Impact Report for the project.

Points and Issues Raised During Discussion

The State should place a toll on Route 3 before considering placing higher tolls on the Turnpike and before considering extending commuter rail to New Hampshire – we cannot improve commuter rail in MetroWest as it is. (C. Rogers)

New Hampshire would pay exclusively for the commuter rail extension. (B. Woods)

Does the I-495 study discern congestion from truck freight? (M. Wellons)

The consultant would know better. Anecdotally, I-495 carries a heavy truck volume. (B. Woods)

7. Presentation: “Neighboring MPO Update: Montachusett Regional Planning Council” – George Kahale, MRPC

George Kahale detailed the Fitchburg Commuter Rail Improvements Project, which intends to reduce travel times for 10,600 daily riders in the 50-mile corridor. Ridership on the Fitchburg Line is now constrained by poor service reliability and excessive travel time of up to 90 minutes to Boston – the longest running time of the MBTA’s 13 commuter rail lines. Improvements to the Fitchburg Line will include installation of approximately 8.5-miles of double track from Ayer to South Acton, and through Waltham Station, resulting in double track operations throughout the entirety of the line; upgrade of horizontal and vertical track alignment to achieve a maximum 80 mph operation compared with the current 60 mph maximum speed; construction of three stations with high-level platforms to replace three mini-high platforms displaced by double tracking; replacement of an outdated wayside signal control system with in-cab signal control; improvement of four highway grade crossings; installation of fiber-optic cable along the route; installation of additional storage track at the Willows Freight Rail Yard; and other upgrades.

MassHighway will redesign and resurface portions of Route 2 to improve safety and traffic flow.

U.S. Representative Olver has secured funding for a 400-space parking garage at the North Leominster commuter rail station.

MRPC recently received funding to explore feasibility for expanding transit service 4 miles west of Fitchburg to Wachusett Station near Route 2.

Points and Issues Raised During Discussion

How long has commuter rail run to Fitchburg? (B. Campbell)

Although passenger service at one time extended to Troy, NY, and to Gardner, passenger service to Fitchburg has run without suspension since 1980. (G. Kahale)

The Minuteman Advisory Group on Interlocal Coordination supports this project as relief for congestion on Route 2. (Richard Canale, MAGIC)

Has the MBTA committed to increasing service? (C. Rogers)

Passenger service on the Fitchburg Line is limited by freight service. (C. Rogers)

8. Approval of UPWP Committee Comment Letter Re: Draft FFY 2009 UPWP – Steve Olanoff, Vice Chair, Westwood, and Chair, UPWP Committee

The Advisory Council's UPWP Committee drafted a comment letter (attached) in response to the Draft FFY 2009 UPWP. The letter focuses on study implementation, funding constraints, high-occupancy vehicle-related studies, freight studies, and the UPWP development process.

Points and Issues Raised During Discussion

The letter would be enhanced if it mentioned specific projects and policies. (D. Ernst)

The Advisory Council will consider each project and policy in concert with the MPO. (K. Johnson)

The FFY 2009 UPWP programs staff funding as well as studies and activities. In that interest, it's better to omit policy-specific details. (Jeff Rosenblum, Cambridge)

This letter and the Advisory Council's work have shown tremendous improvement. (C. Rogers)

The letter should state that freight issues need to be studied at the regional level following the Statewide Rail Plan. (M. Wellons)

With those changes, the letter was approved. It will be submitted to the MPO.

9. Advisory Council Committees

There were no announcements.

10. Adjourn

The meeting adjourned at 5:00 pm.

Attachments:

1. Attendance List for July 9, 2008
2. Presentation: "MMS Update"
3. Handout: "Amendment One to FFYs 2007-2010 TIP Index of Target Projects"
4. Handout: "Draft FFYs 2009-2012 TIP"
5. Handout: "Draft FFYs 2009-2012 TIP Index of Target Projects"
6. Comment Letter Re: Draft FFY 2009 UPWP

Attendance List for July 9, 2008

Agencies

Richard Canale, Minuteman Advisory Group on Interlocal Coordination
David Ginns, Northern Middlesex Council of Governments
George Kahale, Montachusett Regional Planning Commission
Leon Papasopoulos, MassRIDES
Chan Rogers, Southwest Advisory Planning Committee
Beverly Woods, Northern Middlesex Council of Governments

Cities and Towns

Bob Campbell, Braintree
William Friel, Canton
Kristina Johnson, Quincy
Tom Kadzis, Boston
Steve Olanoff, Westwood
Jeff Rosenblum, Cambridge
John Squibb, Revere
Laura Wiener, Arlington

Citizens Groups

Malek Al-Khatib, Boston Society of Civil Engineers
Dennis Baker, American Council of Engineering Companies
John Businger, National Corridors Initiative
David Ernst, MassBike
John McQueen, WalkBoston
Marilyn Wellons, Riverside Neighborhood Association

Guests and Visitors

Ed Lowney
Marilyn MacNab
Cheryl Ravalli

MPO Staff

Jared Fijalkowski
John Hersey
Ryan Lundergan
Hayes Morrison
Efi Pagitsas

Mobility Management System (MMS)



Mobility Management System

Overview

July 9, 2008

Mobility Management System (MMS) Today's Presentation

- Mobility Management System Overview
- MassHighway and Mass Turnpike Authority Park-and-Ride Lots

Mobility Management System (MMS)

- Monitors the performance of transportation facilities in the region
 - Freeways
 - Arterial Roadways
 - Intersections
 - Transit
 - Park-and-Ride Lots
 - HOV Lanes
 - Bicycle and Pedestrian Transportation

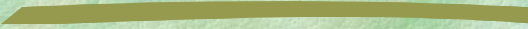
Mobility Management System (MMS)

- Recommendations Include:
 - Proposals for further study of location, corridor, or subarea
 - Proposals for introduction of new programs or services
 - Prioritized transportation needs for use in project selection processes for TIP and Plan

Mobility Management System

Monitoring of MassHighway and
Massachusetts Turnpike Authority
Park-and-Ride Lots

July 9, 2008



Mobility Management System (MMS)

- Under SAFETEA-LU, all MPOs with populations greater than 200,000 must have a Congestion Management Process (CMP)
- Must be multimodal
- All projects that add capacity to the transportation system must come from the CMP

Monitoring of MassHighway and MassPike Lots

Overview:

- Subtask 5.2 of Mobility Management System
- Inventory conducted by EOTPW Planning twice annually
- Data used is from the spring of 2005, 2006, and 2007

Data

- 25 MassHighway-operated lots with a total of 4,930 parking spaces statewide
- 14 MassPike-operated lots with a total of 1,956 parking spaces statewide

Results

MassHighway-operated Lots

- Four lots are over capacity: Andover, Newburyport, Somerset, and West Bridgewater
- Two lots are at capacity: Barnstable and Plymouth (Long Pond Road)
- Six lots have utilization of less than 10 percent: Charlemont, Pembroke, Plymouth (Route 44), Tyngsborough, Wareham, and Woburn (Anderson RTC)

Results

MassHighway-operated Lots

- 57 percent of all parking spaces at MassHighway-operated lots were utilized in May 2007
- 10 percent increase in utilization since May 2005

Results

MassPike-operated Lots

- 35 percent of all parking spaces at MassPike-operated lots were utilized in May 2007
- 16 percent increase in utilization since May 2005

Results MassPike-operated Lots

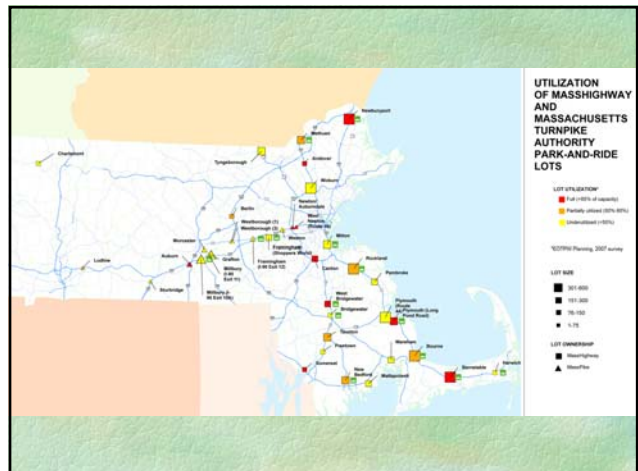
- Four lots are at capacity: Auburn, Newton/Auburndale, West Newton (Route 16), and West Newton (Webster Street)
- Four lots had zero vehicles parked: Weston, Worcester, and two in Westborough

Identifying New Park-and-Ride Locations

- MPO staff has conducted studies for MassHighway to recommend suitable locations for new park-and-ride facilities
- EOTPW Planning works with municipalities and MassCommute to identify locations for new park-and-ride lot facilities
- Tyngsborough lot opened in 2007

Findings

- Parking utilization is higher where bus transit service is available
 - 80% at MassHighway lots with bus transit
 - 22% at MassHighway lots without bus transit
- The lots with the highest utilization are located within ½ mile of a highway ramp and at least 25 miles from downtown Boston
- Many lots with low utilization are located two or more miles from nearest highway interchange



DRAFT 2009 Element of the FFYs 2009 - 2012 TIP

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>
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	\$700,000	\$175,000	\$875,000
			<i>Federal Funds</i>	<i>State 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	\$520,000	\$130,000	\$650,000
Boston Region		Regional Transportation Demand Management Program	\$200,000	\$50,000	\$250,000
Boston Region		Suburban Mobility Improvement Program	\$520,000	\$130,000	\$650,000
Congestion Mitigation and Air Quality Improvement Program Total			\$13,504,000	\$3,376,000	\$16,880,000
			<i>CMAQ Regional Target</i>		<i>\$8,593,420</i>

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	\$4,996,004	\$1,249,001	\$6,245,005
Foxborough, Norfolk, & Wrentham	602496	Route 115 (Pond/Pine St)	\$5,188,800	\$1,297,200	\$6,486,000
Salem	601017	Route 1A (Bridge Street)	\$5,491,200	\$1,372,800	\$6,864,000
Danvers/Peabody	87612	Route 128 at Route 35 and Route 62	\$7,600,000	\$1,900,000	\$9,500,000
Surface Transportation Program Total			\$23,276,004	\$5,819,001	\$29,095,005

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	\$3,437,368	\$859,342	\$4,296,710
Highway Safety Improvement Program Total			\$3,437,368	\$859,342	\$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		North Green Improvements (Design)	\$72,800	\$18,200	\$91,000
Cambridge	605188	Cambridge Common (Design)	\$144,000	\$36,000	\$180,000
Surface Transportation Program/Enhancement Total			\$216,800	\$54,200	\$271,000

Total Regional Target Programming **\$65,502,104**
Boston Region MPO Regional Target with State Match *\$65,225,104*

FEDERAL-AID BRIDGE PROJECTS

Bridge

			<i>Federal Funds</i>	<i>State Funds</i>	<i>Total Funds</i>
Boston	600944	American Legion HWY over Route 203	\$4,691,536	\$1,172,884	\$5,864,420
Framingham	604013	Fountain Street over MBTA and CSX	\$3,280,000	\$820,000	\$4,100,000
Hanover	605101	Route 53 over Route 3	\$8,840,000	\$2,210,000	\$11,050,000
Hudson	604006	Houghton Street over Assabet River	\$2,033,058	\$508,264	\$2,541,322
Bridge Total			\$18,844,594	\$4,711,148	\$23,555,742

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	\$4,800,000	\$1,200,000	\$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
Advance Construction Bridge Total			\$15,200,000	\$3,800,000	\$19,000,000
			Federal-Aid Bridge Total		\$42,555,742

DRAFT 2009 Element of the FFYs 2009 - 2012 TIP

FEDERAL AID MAJOR INFRASTRUCTURE AND STATEWIDE CATEGORIES

			<i>Federal Funds</i>	<i>State Funds</i>	<i>Total Funds</i>
Interstate Maintenance					
Marlborough, Hudson & Berlin	604604	Interstate 495	\$11,401,632	\$1,266,848	\$12,668,480
Stoneham, Winchester & Reading	604878	Interstate 93	\$9,855,648	\$1,095,072	\$10,950,720
Waltham	604710	Interstate 95	\$19,807,920	\$2,200,880	\$22,008,800
Interstate Maintenance Total			\$41,065,200	\$4,562,800	\$45,628,000

			<i>Federal Funds</i>	<i>State Funds</i>	<i>Total Funds</i>
National Highway System Pavement Preservation					
Harvard/Littleton		Route 2	\$4,567,680	\$1,141,920	\$5,709,600
Arlington/Belmont/Cambridge		Route 2	\$3,367,200	\$841,800	\$4,209,000
National Highway System Pavement Preservation Total			\$7,934,880	\$1,983,720	\$9,918,600

FEDERAL AID NON-TARGET PROJECTS

			<i>Federal Funds</i>	<i>State/Local Funds</i>	<i>Total Funds</i>
High-Priority Projects (TEA-21)					
Bedford, Billerica & Burlington	29491	Middlesex Turnpike (Mitre Extension), Phase Two (HPP 924)	\$1,922,102	\$480,526	\$2,402,628
Weymouth	601630	Route 18 (for design, ROW and construction)	\$11,665,631	\$2,916,408	\$14,582,039

			<i>Federal Funds</i>	<i>State/Local Funds</i>	<i>Total Funds</i>
High-Priority Projects (SAFETEA-LU)					
Bedford, Billerica & Burlington	29491	Middlesex Turnpike (Mitre Extension), Phase Two	\$718,000	\$179,500	\$897,500
Boston		Longwood Ave / Urban Ring Tunnel Study (HPP 856)	\$80,775	\$20,194	\$100,969
Boston	600636	Massachusetts Avenue (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 (HPP 3568)	\$897,498	\$224,375	\$1,121,873
Danvers/Peabody		Border to Boston Bikeway (HPP 843)	\$143,600	\$35,900	\$179,500
Franklin	604988	Route 140 (Construction) (HPP 4279)	\$4,607,375	\$1,151,844	\$5,759,219
Hudson & Stow		Assabet River Rail Trail (Design) (HPP 1761)	\$269,250	\$67,312	\$336,562
Hull	604743	West Corner Culvert (Construction) (HPP 1681)	\$143,600	\$35,900	\$179,500
Quincy		Quincy Center Concourse, Phase 2 (HPP 4272)	\$6,008,850	\$1,502,213	\$7,511,063
Somerville		I-93 Mystic Avenue Interchange (Study and Design) (HPP 792)	\$359,000	\$89,750	\$448,750
Somerville		Union Square Improvements (Study) (HPP 999)	\$359,000	\$89,750	\$448,750
Somerville		Assembly Square Multimodal Access Improvements (HPP 4281)	\$5,007,375	\$1,251,844	\$6,259,219
Watertown	601686	Pleasant Street and Howard Street	\$341,449	\$85,362	\$426,811
Walpole		Washington St Design (HPP 2431)	\$125,650	\$31,412	\$157,062
Weymouth	601630	Route 18 (for design, ROW and construction)	\$8,011,800	\$2,002,950	\$10,014,750
High-Priority Projects Total			\$42,871,423	\$10,717,856	\$55,991,907

High-Priority Project (SAFETEA-LU) Other Match

			<i>Federal Funds</i>	<i>Other Funds</i>	<i>Total Funds</i>
Section 112					
Cambridge	604977	Kendall Square Streetscape	\$737,946		\$737,946
Medford	605122	Clippership Drive Streetscape	\$1,121,873		\$1,121,873

Section 117

Cambridge	604993	Innovation Blvd Streetscape	\$990,000		\$990,000
-----------	--------	-----------------------------	-----------	--	-----------

High-Priority Project (SAFETEA-LU) Other Match

			<i>Federal Funds</i>	<i>Other Funds</i>	<i>Total Funds</i>
Boston		National Park Traveler Information System & Visitor Center	\$1,218,000		\$1,218,000
Other Earmarks Total			\$4,067,819		\$4,067,819

Federal-Aid Non-Target Projects Total **\$57,209,907**
Total Federal-Aid Highway Program **\$220,814,353**

NON FEDERAL-AID TARGET PROJECTS

			<i>Federal Funds</i>	<i>State Funds</i>	<i>Total Funds</i>
Non Federal Aid Bridge					
Boston	603443	River Street Bridge		\$6,805,838	\$6,805,838
Marlborough	603506	Robin Hill and Boundary Street Bridges over the Assabet		\$4,257,930	\$4,257,930
Wellesley	600776	Rockland St over Conrail		\$1,704,794	\$1,704,794
Non Federal Aid Bridge Total				\$12,768,562	
Total Highway Program					\$233,582,915

DRAFT 2009 Element of the FFYs 2009 - 2012 TIP

Central Artery/Tunnel Project

National Highway System (NHS)
State Transportation Program (STP)

Federal Funds

State Funds

Total Funds

Federal-Aid Subtotal

Federal-Aid Matching Funds Subtotal

Total Fiscal Year 2009 Central Artery/Tunnel Funds

\$126,845,000

DRAFT 2009 Element of the FFYs 2009 - 2012 TIP

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>
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	\$10,800,000	\$2,700,000	\$13,500,000
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	Redundant Operations Control Center	\$9,600,000	\$2,400,000	\$12,000,000
Systemwide	Elevator Replacement/Rehabilitation	\$35,308,761	\$8,827,190	\$44,135,951
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 Arrival LCD Signage	\$2,400,000	\$600,000	\$3,000,000
Section 5307 MBTA Match Total		\$135,448,243	\$33,862,061	\$169,310,304
Cape Ann		<i>Federal Funds</i>	<i>State Funds</i>	<i>Total Funds</i>
	Cape Ann Transportation Authority	\$344,568	\$86,142	\$430,710
Section 5307 State Match Total		\$344,568	\$86,142	\$430,710
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
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	\$20,590,124	\$5,147,531	\$25,737,655
Systemwide	Kawasaki Coaches	\$1,600,000	\$400,000	\$2,000,000
Systemwide	Locomotive and Coach Procurement	\$22,895,500	\$5,723,875	\$28,619,375
<i>Section 5309 Infrastructure Program</i>				
Red Line	Columbia Junction	\$10,400,000	\$2,600,000	\$13,000,000
Systemwide	Power Improvements	\$11,080,000	\$2,770,000	\$13,850,000
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 (Carryover Earmarked Funds)		<i>Federal Funds</i>	<i>MBTA/State/Local 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
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
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	\$548,800	\$137,200	\$686,000
Ferry	Vessel Procurement, Engine Overhaul and Improvements at Quincy	\$5,980,000	\$1,495,000	\$7,475,000
Woburn	Woburn Park & Ride Facility	\$876,034	\$219,009	\$1,095,043
Section 5309 MBTA Various Match Total		\$29,830,271	\$7,457,568	\$37,287,839
Federal-Aid Subtotal		\$261,790,058		
Federal-Aid Various Matching Funds Subtotal		\$7,645,284		
Federal-Aid MBTA Matching Funds Subtotal		\$57,802,231		
Total FY 2009 Regional Transit Funds				\$327,237,572

DRAFT 2010 Element of the FFYs 2009 - 2012 TIP

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>
Bellingham	602493	Pulaski Blvd	\$1,600,000	\$400,000	\$2,000,000
Boston	604761	South Bay Harbor Trail (construction)	\$3,080,000	\$770,000	\$3,850,000
Boston	601274	Tremont Street , Phase 1	\$1,164,800	\$291,200	\$1,456,000
Somerville	604331	Somerville Community Path, Phase 1	\$2,022,624	\$505,656	\$2,528,280
Weymouth	114906	Route 53 (Washington Street)/Middle Street	\$1,400,000	\$350,000	\$1,750,000
			<i>Federal Funds</i>	<i>State Funds</i>	<i>Total Funds</i>
Boston Region		Improving the Region's Bike/Ped Infrastructure Program	\$520,000	\$130,000	\$650,000
Boston Region		Regional Transportation Demand Management Program	\$200,000	\$50,000	\$250,000
Boston Region		Suburban Mobility Improvement Program	\$520,000	\$130,000	\$650,000
Congestion Mitigation and Air Quality Improvement Program Total			\$10,507,424	\$2,626,856	\$13,134,280
			<i>CMAQ Regional Target</i>		\$8,593,420

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 Four of Six	\$3,704,294	\$926,074	\$4,630,368
Dedham, Needham & Westwood	603206	Route 128 Improvement Program Contract 4, Year Two of Six	\$4,858,946	\$1,214,736	\$6,073,682
Needham & Wellesley	603711	Route 128 Improvement Program Contract 5, Year One of Six	\$4,039,024	\$1,009,756	\$5,048,780
National Highway System Total			\$12,602,264	\$3,150,566	\$15,752,830

Surface Transportation Program			<i>Federal Funds</i>	<i>State Funds</i>	<i>Total Funds</i>
Arlington	604687	Massachusetts Ave	\$2,120,000	\$530,000	\$2,650,000
Bellingham	602493	Pulaski Blvd	\$6,000,000	\$1,500,000	\$7,500,000
Boston	601274	Tremont Street , Phase 1	\$582,400	\$145,600	\$728,000
Danvers/Peabody	87612	Route 128 at Route 35 and Route 62	\$2,562,632	\$640,658	\$3,203,290
Everett	602382	Route 99 (Broadway)	\$1,729,376	\$432,344	\$2,161,720
Norwood	604916	Pleasant St at Morse St	\$480,000	\$120,000	\$600,000
Weymouth	601630	Route 18	\$8,560,000	\$2,140,000	\$10,700,000
Surface Transportation Program Total			\$22,034,408	\$5,508,602	\$27,543,010

Highway Safety Improvement Program (HSIP) Project			<i>Federal Funds</i>	<i>State Funds</i>	<i>Total Funds</i>
Danvers/Peabody	87612	Route 128 at Route 35 and Route 62	\$3,437,368	\$859,342	\$4,296,710
Highway Safety Improvement Program Total			\$3,437,368	\$859,342	\$4,296,710
			<i>HSIP Regional Target</i>		\$4,296,710

Surface Transportation Program/Enhancement			<i>Federal Funds</i>	<i>State Funds</i>	<i>Total Funds</i>
Ipswich		North Green Improvements (Construction)	\$577,272	\$144,318	\$721,590
Surface Transportation Program/Enhancement Total			\$577,272	\$144,318	\$721,590

Total Regional Target Programming **\$61,448,420**
***Boston Region MPO Regional Target with State Match** **\$61,522,590**

*Boston Region MPO Target minus AC projects and ongoing programs is then actualized by 4%

state target	\$63,052,580 less AC and programs	\$38,249,750
less AC/programs actualized by * 1.04	\$39,779,740 actualization/non - act	\$1,529,990
state target less difference (new target)	\$61,522,590	

DRAFT 2010 Element of the FFYs 2009 - 2012 TIP

FEDERAL-AID BRIDGE PROJECTS

			<i>Federal Funds</i>	<i>State Funds</i>	<i>Total Funds</i>
Bridge					
Framingham	602839	Central St over the Sudbury River	\$1,440,000	\$360,000	\$1,800,000
Wayland	602723	Pelham Island Road over the Sudbury River	\$3,833,078	\$958,270	\$4,791,348
Woburn	603308	Salem St over the MBTA	\$1,325,770	\$331,443	\$1,657,213
Major Bridge Total			\$6,598,849	\$1,649,712	\$8,248,561
Advance Construction Bridge			<i>Federal Funds</i>	<i>State Funds</i>	<i>Total Funds</i>
Boston	604517	Chelsea Street Bridge	\$13,200,000	\$3,300,000	\$16,500,000
Boston	603370	Route 99 (Alford Street) over Mystic River	\$6,400,000	\$1,600,000	\$8,000,000
Dedham, Needham & Westwood	603206	Route 128 Improvement Program Contract 4	\$8,000,000	\$2,000,000	\$10,000,000
Lynn & Saugus	26710	Route 107 (Fox Hill) Bridge, Year Four	\$6,880,000	\$1,720,000	\$8,600,000
Advance Construction Bridge Total			\$34,480,000	\$8,620,000	\$43,100,000
			Federal-Aid Bridge Total		\$51,348,561

FEDERAL AID MAJOR INFRASTRUCTURE AND STATEWIDE CATEGORIES

			<i>Federal Funds</i>	<i>State Funds</i>	<i>Total Funds</i>
Interstate Maintenance					
Boston/Savin Hill/CA/T		Interstate 93	\$1,537,200	\$170,800	\$1,708,000
Interstate Maintenance Total			\$1,537,200	\$170,800	\$1,708,000
National Highway System Pavement Preservation			<i>Federal Funds</i>	<i>State Funds</i>	<i>Total Funds</i>
Lexington		Route 2A	\$2,635,200	\$658,800	\$3,294,000
Middletton/Danvers		Route 114	\$2,342,400	\$585,600	\$2,928,000
National Highway System Pavement Preservation Total			\$4,977,600	\$1,244,400	\$6,222,000

FEDERAL AID NON-TARGET PROJECTS

			<i>Federal Funds</i>	<i>State/Local Funds</i>	<i>Total Funds</i>
High-Priority Projects (TEA-21)					
Boston		Huntington Ave/Symphony Area Streetscape (HPP 447) construction	\$2,140,232	\$535,058	\$2,675,290
Boston		Huntington Ave/Symphony Area Streetscape (HPP 1811) construction	\$820,080	\$205,020	\$1,025,100
High-Priority Projects (SAFETEA-LU)			<i>Federal Funds</i>	<i>State/Local Funds</i>	<i>Total Funds</i>
Arlington	604687	Massachusetts Ave Construction (HPP 47)	\$1,157,597	\$289,399	\$1,446,996
Boston		Waren St/Blue Hill Ave (HPP 2129)	\$2,153,997	\$538,499	\$2,692,496
Boston		Melnea Cass Blvd (HPP 756)	\$1,938,598	\$484,650	\$2,423,248
Boston		Melnea Cass Blvd (HPP 4284)	\$4,005,900	\$1,001,475	\$5,007,375
Somerville	604331	Somerville Community Path, Phase 1 (HPP 2782) Construction	\$807,750	\$201,938	\$1,009,688
Walpole		Washington St Design (HPP 2431) Construction	\$1,130,848	\$282,712	\$1,413,560
High-Priority Project (SAFETEA-LU) Other Match					
Section 129			<i>Federal Funds</i>	<i>Other Funds</i>	<i>Total Funds</i>
Arlington	604687	Massachusetts Ave Construction	\$750,000		\$750,000
High-Priority Projects Total					\$18,443,753
Total Federal-Aid Highway Program					\$139,170,734

NON FEDERAL-AID TARGET PROJECTS

			<i>Federal Funds</i>	<i>State Funds</i>	<i>Total Funds</i>
Non Federal Aid Bridge					
Lexington	603722	Route 2A (Marrett Road) over I95		\$21,087,700	\$21,087,700
Non Federal Aid Bridge Total					\$21,087,700
Total Highway Program					\$160,258,434

DRAFT 2010 Element of the FFYs 2009 - 2012 TIP

Central Artery/Tunnel Project

	<i>Federal Funds</i>	<i>State Funds</i>	<i>Total Funds</i>
National Highway System (NHS) State Transportation Program (STP)			
Federal-Aid Subtotal	\$121,032,000		
Federal-Aid Matching Funds Subtotal		\$30,258,000	
Total Fiscal Year 2010 Central Artery/Tunnel Funds			\$151,290,000

DRAFT 2010 Element of the FFYs 2009 - 2012 TIP

Regional Transit Program

		<i>Federal Funds</i>	<i>MBTA Funds</i>	<i>Total Funds</i>
Section 5307				
Green Line	MBTA Accessibility Program	\$9,600,000	\$2,400,000	\$12,000,000
Systemwide	Station Management Program	\$15,600,000	\$3,900,000	\$19,500,000
Bus	Arborway Maintenance Facility	\$16,000,000	\$4,000,000	\$20,000,000
Bus	CNG Bus Overhaul Program	\$16,000,000	\$4,000,000	\$20,000,000
Systemwide	Elevator Replacement/Rehabilitation	\$22,680,001	\$5,670,000	\$28,350,001
Systemwide	Grant Anticipation Notes (GANs) Program	\$14,400,000	\$3,600,000	\$18,000,000
Systemwide	MBTA Enhancement Program	\$1,354,482	\$338,621	\$1,693,103
Red Line	Ashmont Station	\$4,000,000	\$1,000,000	\$5,000,000
Orange Line	Car Procurement	\$4,000,000	\$1,000,000	\$5,000,000
Orange Line	Orange Line Infrastructure Improvements	\$11,413,760	\$2,853,440	\$14,267,200
Systemwide	Preventative Maintenance	\$10,000,000	\$2,500,000	\$12,500,000
Systemwide	Bus Arrival LCD Signage	\$2,400,000	\$600,000	\$3,000,000
Systemwide	Redundant Operations Control Center	\$8,000,000	\$2,000,000	\$10,000,000
Section 5307 MBTA Match Total		\$135,448,243	\$33,862,061	\$169,310,304
		<i>Federal Funds</i>	<i>State Funds</i>	<i>Total Funds</i>
Cape Ann	Cape Ann Transportation Authority	\$344,568	\$86,142	\$430,710
Section 5307 State Match Total		\$344,568	\$86,142	\$430,710
		<i>Federal Funds</i>	<i>MBTA Funds</i>	<i>Total Funds</i>
Section 5309				
Blue Line	Blue Line Modernization	\$11,669,640	\$2,917,410	\$14,587,050
Red Line	Red Line Number 2 Car	\$26,565,624	\$6,641,406	\$33,207,030
Systemwide	Kawasaki Coaches	\$14,400,000	\$3,600,000	\$18,000,000
Systemwide	Locomotive and Coach Procurement	\$8,000,000	\$2,000,000	\$10,000,000
<i>Section 5309 Infrastructure Program</i>				
Systemwide	Power Improvements	\$9,930,360	\$2,482,590	\$12,412,950
Systemwide	Bridge and Tunnel Program	\$10,400,000	\$2,600,000	\$13,000,000
Commuter Rail	Coach Overhaul Program	\$12,000,000	\$3,000,000	\$15,000,000
Section 5309 MBTA Match Total		\$92,965,624	\$23,241,406	\$116,207,030
Federal-Aid Subtotal		\$228,758,435		
Federal-Aid State Matching Funds Subtotal			\$86,142	
Federal-Aid MBTA Matching Funds Subtotal				\$57,103,467
				\$285,948,044

FFY 2011 Element of the FFYs 2009 - 2012 TIP

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>
Concord & Lincoln	602984	Route 2 (Crosby's Corner)	\$8,000,000	\$2,000,000	\$10,000,000
			<i>Federal Funds</i>	<i>State Funds</i>	<i>Total Funds</i>
Boston Region		Improving the Region's Bike/Ped Infrastructure Program	\$520,000	\$130,000	\$650,000
Boston Region		Regional Transportation Demand Management Program	\$200,000	\$50,000	\$250,000
Boston Region		Suburban Mobility Improvement Program	\$520,000	\$130,000	\$650,000
Congestion Mitigation and Air Quality Improvement Program Total			\$9,240,000	\$2,310,000	\$11,550,000
			<i>CMAQ Regional Target</i>		\$8,593,420

National Highway System

			<i>Federal Funds</i>	<i>State Funds</i>	<i>Total Funds</i>
Canton, Randolph & Westwood	087800	Route 128 Improvement Program Contract 3, Year Five of Six	\$7,200,000	\$1,800,000	\$9,000,000
Dedham, Needham & Westwood	603206	Route 128 Improvement Program Contract 4, Year Three of Six	\$6,400,000	\$1,600,000	\$8,000,000
Needham & Wellesley	603711	Route 128 Improvement Program Contract 5, Year Two of Six	\$8,421,600	\$2,105,400	\$10,527,000
National Highway System Total			\$22,021,600	\$5,505,400	\$27,527,000

Surface Transportation Program

			<i>Federal Funds</i>	<i>State Funds</i>	<i>Total Funds</i>
Concord & Lincoln	602984	Route 2 (Crosby's Corner)	\$2,951,085	\$737,771	\$3,688,856
Danvers/Peabody	87612	Route 128 at Route 35 and Route 62	\$6,400,000	\$1,600,000	\$8,000,000
Lexington	602133	Intersection Improvements at Route 2A and Waltham St	\$800,000	\$200,000	\$1,000,000
Somerville	601820	Beacon Street	\$1,055,752	\$263,938	\$1,319,690
Surface Transportation Program Total			\$9,351,085	\$2,337,771	\$14,008,546

Highway Safety Improvement Program (HSIP) Project

			<i>Federal Funds</i>	<i>State Funds</i>	<i>Total Funds</i>
Concord & Lincoln	602984	Route 2 (Crosby's Corner)	\$3,437,368	\$859,342	\$4,296,710
Highway Safety Improvement Program Total			\$3,437,368	\$859,342	\$4,296,710
			<i>HSIP Regional Target</i>		\$4,296,710

Total Regional Target Programming **\$57,382,256**

Boston Region MPO Regional Target with State Match* **\$58,035,056

*Boston Region MPO Target minus AC projects and ongoing programs is then actualized by 4% for 2010 and 2011

state target	\$59,897,183	ss AC and programs	\$22,820,183
less AC/programs actualized by * 1.04*1.04	\$24,682,310	:tualization/non - act	\$1,862,127
state target less difference (new target)	\$58,035,056		

FEDERAL-AID BRIDGE PROJECTS

Bridge

			<i>Federal Funds</i>	<i>State Funds</i>	<i>Total Funds</i>
--	--	--	----------------------	--------------------	--------------------

Bridge Total

Advance Construction Bridge

			<i>Federal Funds</i>	<i>State Funds</i>	<i>Total Funds</i>
Boston	604517	Chelsea Street Bridge	\$12,800,000	\$3,200,000	\$16,000,000
Boston	603370	Route 99 (Alford Street) over Mystic River	\$6,400,000	\$1,600,000	\$8,000,000
Dedham, Needham & Westwood	603206	Route 128 Improvement Program Contract 4	\$8,000,000	\$2,000,000	\$10,000,000
Lynn & Saugus	26710	Route 107 (Fox Hill) Bridge, Year Five	\$3,200,000	\$800,000	\$4,000,000
Needham, Wellesley	603711	Route 128 Improvement Program	\$800,000	\$200,000	\$1,000,000
Advance Construction Bridge Total			\$31,200,000	\$7,800,000	\$39,000,000
			Federal-Aid Bridge Total		

FFY 2011 Element of the FFYs 2009 - 2012 TIP

FEDERAL AID MAJOR INFRASTRUCTURE AND STATEWIDE CATEGORIES

Interstate Maintenance

			<i>Federal Funds</i>	<i>State Funds</i>	<i>Total Funds</i>
North Attleboro/Sharon	604576	Interstate 95	\$11,081,016	\$1,231,224	\$12,312,240
Burlington		Interstate 95	\$8,784,000	\$976,000	\$9,760,000
Woburn/Wilmington		Interstate 93	\$9,275,904	\$1,030,656	\$10,306,560
Walpole/Norwood/Sharon/Canton		Interstate 95	\$3,056,832	\$339,648	\$3,396,480
Interstate Maintenance Total			\$21,116,736	\$2,346,304	\$23,463,040

National Highway System Pavement Preservation

			<i>Federal Funds</i>	<i>State Funds</i>	<i>Total Funds</i>
Concord		Route 2	\$2,971,920	\$742,980	\$3,714,900
National Highway System Pavement Preservation Total			\$2,971,920	\$742,980	\$3,714,900

FEDERAL AID NON-TARGET PROJECTS

High-Priority Projects (TEA-21)

			<i>Federal Funds</i>	<i>State/Local Funds</i>	<i>Total Funds</i>
Somerville	601820	Beacon Street (Construction) (HPP 431)	\$2,064,248	\$516,062	\$2,580,310
High-Priority Projects Total			\$2,580,310		
Total Highway Program					\$87,140,506

FFY 2011 Element of the FFYs 2009 - 2012 TIP

Central Artery/Tunnel Project

	<i>Federal Funds</i>	<i>State Funds</i>	<i>Total Funds</i>
National Highway System (NHS) State Transportation Program (STP)			
Federal-Aid Subtotal	\$127,492,000		
Federal-Aid Matching Funds Subtotal		\$31,873,000	
Total Fiscal Year 2011 Central Artery/Tunnel Funds			\$159,365,000

FFY 2011 Element of the FFYs 2009 - 2012 TIP

Regional Transit Program

Section 5307

		<i>Federal Funds</i>	<i>MBTA Funds</i>	<i>Total Funds</i>
Green Line	MBTA Accessibility Program	\$18,893,761	\$4,723,440	\$23,617,201
Systemwide	CNG Bus Overhaul Program	\$32,000,000	\$8,000,000	\$40,000,000
Bus	Zero Series Bus Replacement	\$15,040,000	\$3,760,000	\$18,800,000
Bus	Arborway Maintenance Facility	\$16,000,000	\$4,000,000	\$20,000,000
Systemwide	Elevator Replacement/Rehabilitation	\$25,600,000	\$6,400,000	\$32,000,000
Systemwide	MBTA Enhancement Program	\$1,354,482	\$338,621	\$1,693,103
Systemwide	Preventative Maintenance	\$10,000,000	\$2,500,000	\$12,500,000
Red Line	Ashmont Station	\$4,560,000	\$1,140,000	\$5,700,000
Orange Line	Orange Line Infrastructure Improvements	\$12,000,000	\$3,000,000	\$15,000,000
	Section 5307 MBTA Match Total	\$135,448,243	\$33,862,061	\$169,310,304

		<i>Federal Funds</i>	<i>State Funds</i>	<i>Total Funds</i>
Cape Ann	Cape Ann Transportation Authority	\$344,568	\$86,142	\$430,710
	Section 5307 State Match Total	\$344,568	\$86,142	\$430,710

Section 5309

		<i>Federal Funds</i>	<i>MBTA Funds</i>	<i>Total Funds</i>
Red Line	Red Line Number 2 Car	\$4,044,252	\$1,011,063	\$5,055,315
Systemwide	Kawasaki Coaches	\$30,400,000	\$7,600,000	\$38,000,000
Systemwide	Locomotive and Coach Procurement	\$29,660,636	\$7,415,159	\$37,075,795

Section 5309 Infrastructure Program

Red Line	Columbia Junction	\$10,400,000	\$2,600,000	\$13,000,000
Systemwide	Power Improvements	\$13,660,736	\$3,415,184	\$17,075,920
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

Federal-Aid Subtotal

Federal-Aid State Matching Funds Subtotal

Federal-Aid MBTA Matching Funds Subtotal

\$228,413,867

\$86,142

\$57,103,467

Total FY 2010 Regional Transit Funds \$285,517,334

FFY 2012 Element of the FFYs 2009 - 2012 TIP

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>
Boston Region	Improving the Region's Bike/Ped Infrastructure Program	\$520,000	\$130,000	\$650,000
Boston Region	Regional Transportation Demand Management Program	\$200,000	\$50,000	\$250,000
Boston Region	Suburban Mobility Improvement Program	\$520,000	\$130,000	\$650,000
Congestion Mitigation and Air Quality Improvement Program Total		\$1,240,000	\$310,000	\$1,550,000
				<i>CMAQ Regional Target</i>
				\$8,593,420

National Highway System

		<i>Federal Funds</i>	<i>State Funds</i>	<i>Total Funds</i>
Canton, Randolph & Westwood	087800 Route 128 Improvement Program Contract 3, Year Six of Six	\$4,120,194	\$1,030,049	\$5,150,243
Dedham, Needham & Westwood	603206 Route 128 Improvement Program Contract 4, Year Four of Six	\$11,141,054	\$2,785,264	\$13,926,318
Needham & Wellesley	603711 Route 128 Improvement Program Contract 5, Year Three of Six	\$9,939,376	\$2,484,844	\$12,424,220
National Highway System Total		\$25,200,625	\$6,300,156	\$31,500,781

Surface Transportation Program

		<i>Federal Funds</i>	<i>State Funds</i>	<i>Total Funds</i>
Concord & Lincoln	602984 Route 2 (Crosby's Corner)	\$12,562,632	\$3,140,658	\$15,703,290
Somerville	603968 Magon Square	\$1,600,000	\$400,000	\$2,000,000
Surface Transportation Program Total		\$12,562,632	\$3,140,658	\$17,703,290

Highway Safety Improvement Program (HSIP) Project

		<i>Federal Funds</i>	<i>State Funds</i>	<i>Total Funds</i>
Concord & Lincoln	602984 Route 2 (Crosby's Corner)	\$3,437,368	\$859,342	\$4,296,710
Highway Safety Improvement Program Total		\$3,437,368	\$859,342	\$4,296,710
				<i>HSIP Regional Target</i>
				\$4,296,710

Surface Transportation Program/Enhancement

		<i>Federal Funds</i>	<i>State Funds</i>	<i>Total Funds</i>
Cambridge	605188 Cambridge Common (Construction)	\$800,000	\$200,000	\$1,000,000
Surface Transportation Program/Enhancement Total		\$800,000	\$200,000	\$1,000,000

Total Regional Target Programming

\$55,050,781

**Boston Region MPO Regional Target with State Match*

\$58,856,654

*Boston Region MPO Target minus AC projects and ongoing programs is then actualized by 4% for 2010, 2011 and 2012

** Projects first year as AC

less AC/programs actualized by * 1.04*1.04*1.04
state target less difference (new target)

\$59,685,033 ss AC and programs	\$6,634,252
\$7,462,631 :tualization/non - act	\$828,379
\$58,856,654	

FEDERAL-AID BRIDGE PROJECTS

Bridge

	<i>Federal Funds</i>	<i>State Funds</i>	<i>Total Funds</i>
--	----------------------	--------------------	--------------------

Bridge Total

Advance Construction Bridge

		<i>Federal Funds</i>	<i>State Funds</i>	<i>Total Funds</i>
Boston	604517 Chelsea Street Bridge	\$12,800,000	\$3,200,000	\$16,000,000
Boston	603370 Route 99 (Alford Street) over Mystic River	\$6,400,000	\$1,600,000	\$8,000,000
Dedham, Needham & Westwood	603206 Route 128 Improvement Program Contract 4	\$8,000,000	\$2,000,000	\$10,000,000
Needham, Wellesley	603711 Route 128 Improvement Program	\$8,000,000	\$2,000,000	\$10,000,000
Advance Construction Bridge Total		\$35,200,000	\$8,800,000	\$44,000,000
		Federal-Aid Bridge Total		\$44,000,000

FFY 2012 Element of the FFYs 2009 - 2012 TIP

Central Artery/Tunnel Project

	<i>Federal Funds</i>	<i>State Funds</i>	<i>Total Funds</i>
National Highway System (NHS) State Transportation Program (STP)			
Federal-Aid Subtotal	\$132,768,000		
Federal-Aid Matching Funds Subtotal		\$33,192,000	
Total Fiscal Year 2012 Central Artery/Tunnel Funds			\$165,960,000

FFY 2012 Element of the FFYs 2009 - 2012 TIP

Regional Transit Program

Section 5307

		<i>Federal Funds</i>	<i>MBTA Funds</i>	<i>Total Funds</i>
Green Line	MBTA Accessibility Program	\$12,447,342	\$3,111,835	\$15,559,177
Systemwide	CNG Bus Overhaul Program	\$19,000,000	\$4,750,000	\$23,750,000
Bus	Zero Series Bus Replacement	\$16,000,000	\$4,000,000	\$20,000,000
Bus	Arborway Maintenance Facility			\$20,000,000
Systemwide	Elevator Replacement/Rehabilitation	\$29,888,934	\$7,472,234	\$37,361,168
Systemwide	MBTA Enhancement Program	\$1,354,482	\$338,621	\$1,693,103
Systemwide	Preventative Maintenance	\$10,000,000	\$2,500,000	\$12,500,000
Orange Line	Car Procurement	\$19,771,245	\$4,942,811	\$24,714,056
Orange Line	Orange Line Infrastructure Improvements	\$10,986,240	\$2,746,560	\$13,732,800
	Section 5307 MBTA Match Total	\$119,448,243	\$29,862,061	\$169,310,304

		<i>Federal Funds</i>	<i>State Funds</i>	<i>Total Funds</i>
Cape Ann	Cape Ann Transportation Authority	\$344,568	\$86,142	\$430,710
	Section 5307 State Match Total	\$344,568	\$86,142	\$430,710

Section 5309

		<i>Federal Funds</i>	<i>MBTA Funds</i>	<i>Total Funds</i>
Blue Line	Blue Line Modernization	\$10,355,748	\$2,588,937	\$12,944,685
Systemwide	Kawasaki Coaches	\$12,000,000	\$3,000,000	\$15,000,000
Systemwide	Locomotive and Coach Procurement	\$48,149,140	\$12,037,285	\$60,186,425
<i>Section 5309 Infrastructure Program</i>				
Red Line	Columbia Junction	\$20,800,000	\$5,200,000	\$26,000,000
Systemwide	Power Improvements	\$1,660,736	\$415,184	\$2,075,920
	Section 5309 MBTA Match Total	\$82,609,876	\$20,652,469	\$116,207,030

Federal-Aid Subtotal		\$202,058,119		
Federal-Aid State Matching Funds Subtotal			\$86,142	
Federal-Aid MBTA Matching Funds Subtotal				\$50,514,530
	Total FY 2010 Regional Transit Funds			\$285,517,334

Amendment One - FFY 2008 Element of the FFYs 2007 - 2010 TIP

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>
Boston	600636	Massachusetts Avenue	\$2,000,000	\$500,000	\$2,500,000
Newton	601899	Route 30 (Commonwealth Ave), Phase Three	\$6,481,324	\$1,620,331	\$8,101,655
Wakefield	603311	Signals and Intersections at 3 Locations	\$1,803,709	\$450,927	\$2,254,636
Watertown	601686	Pleasant Street and Howard Street	\$960,000	\$240,000	\$1,200,000
			<i>Federal Funds</i>	<i>Local Funds</i>	<i>Total Funds</i>
Boston		Boston Traffic Management Center Operations	\$324,000	\$81,000	\$405,000
Boston Region		Regional Transportation Demand Management Program	\$200,000	\$50,000	\$250,000
Boston Region		Suburban Mobility Improvement Program	\$581,004	\$145,251	\$726,255
Boston Region		Improving the Region's Bicycle Parking Infrastructure Program	\$544,800	\$136,200	\$681,000
			<i>Federal Funds</i>	<i>MBTA Funds</i>	<i>Total Funds</i>
Boston Region		Hybrid Locomotive Switches	\$1,536,000	\$384,000	\$1,920,000
		Congestion Mitigation and Air Quality Improvement Program Total	\$14,430,837	\$3,607,709	\$18,038,546
				<i>CMAQ Regional Target</i>	<i>\$12,890,131</i>

National Highway System

			<i>Federal Funds</i>	<i>State Funds</i>	<i>Total Funds</i>
Canton, Randolph, Westwood	087800	Route 128 Improvement Program Contract 4, Year Two of Six	\$3,704,000	\$926,000	\$4,630,000
Dedham, Needham & Westwood	603162	Route 128 Improvement Program Contract 3, Year Four of Four	\$1,600,000	\$400,000	\$2,000,000
Randolph to Wellesley		Route 128 Improvement Program (Design)	\$800,000	\$200,000	\$1,000,000
		National Highway System Total	\$6,104,000	\$1,526,000	\$7,630,000

Surface Transportation Program

			<i>Federal Funds</i>	<i>State Funds</i>	<i>Total Funds</i>
Boston	600636	Massachusetts Avenue	\$3,204,774	\$801,193	\$4,005,967
Concord	604646	Route 62	\$2,880,904	\$720,226	\$3,601,130
Dedham	602009	Washington Street	\$5,616,424	\$1,404,106	\$7,020,530
Essex	600217	Route 133 (Main St)	\$4,933,315	\$1,233,329	\$6,166,644
Hull	604743	West Corner Culvert	\$1,462,640	\$365,660	\$1,828,300
Ipswich	602146	Route 133	\$1,665,816	\$416,454	\$2,082,270
Littleton	603540	Goldsmith St	\$3,360,000	\$840,000	\$4,200,000
Topsfield	602747	Ipswich Road	\$3,149,424	\$787,356	\$3,936,780
Watertown	601686	Pleasant Street and Howard Street	\$4,797,907	\$1,199,477	\$5,997,384
		Surface Transportation Program Total	\$31,071,204	\$7,767,801	\$38,839,005

Surface Transportation Program/Enhancement

			<i>Federal Funds</i>	<i>State Funds</i>	<i>Total Funds</i>
Newton	601899	Route 30 (Commonwealth Ave), Phase 3	\$639,524	\$159,881	\$799,405
		Surface Transportation Program/Enhancement Total	\$639,524	\$159,881	\$799,405

Total Regional Target Programming **\$65,306,956**
Boston Region MPO Regional Target with State Match \$65,306,956

FEDERAL-AID BRIDGE PROJECTS

Bridge

			<i>Federal Funds</i>	<i>State Funds</i>	<i>Total Funds</i>
Bedford	603985	Page Road Bridge	\$1,865,460	\$466,365	\$2,331,825
Dedham	601087	Bridge St over the Charles River (rehab)	\$4,660,562	\$1,165,140	\$5,825,702
Dedham	603542	Ames St over the Charles River (rehab)	\$4,723,611	\$1,180,903	\$5,904,514
Ipswich	602543	Route 1A(High St) over the MBTA (replacement)	\$6,885,409	\$1,721,352	\$8,606,761
Marshfield & Norwell	603360	Union Street/Bridge Street over North River	\$1,858,418	\$464,605	\$2,323,023
		Bridge Total	\$19,993,460	\$4,998,365	\$24,991,825

Advance Construction Bridge

			<i>Federal Funds</i>	<i>State Funds</i>	<i>Total Funds</i>
Boston	604517	Chelsea Street Bridge, Year Three	\$4,400,000	\$1,100,000	\$5,500,000
		Advance Construction Bridge Total	\$4,400,000	\$1,100,000	\$5,500,000

Bridge Preservation and Betterment

			<i>Federal Funds</i>	<i>State Funds</i>	<i>Total Funds</i>
Peabody	604981	Route I-95 Ramp G over Route F (betterment)	\$736,000	\$184,000	\$920,000
Quincy	604932	Hancock St/Sagamore St over MBTA (preservation)	\$598,000	\$149,500	\$747,500
		Bridge Preservation and Betterment Total	\$1,334,000	\$333,500	\$1,667,500

Federal-Aid Bridge Total **\$32,159,325**

FEDERAL AID MAJOR INFRASTRUCTURE AND STATEWIDE CATEGORIES

Interstate Maintenance

			<i>Federal Funds</i>	<i>State Funds</i>	<i>Total Funds</i>
Bolton, Boxborough & Harvard	604363	Interstate 495	\$13,275,000	\$1,475,000	\$14,750,000
Lynnfield & Peabody	604550	Interstate 95	\$7,681,385	\$853,487	\$8,534,872
Medford & Somerville		Interstate 93	\$9,397,327	\$1,044,147	\$10,441,474
		Interstate Maintenance Total	\$30,353,711	\$3,372,635	\$33,726,346

Amendment One - FFY 2008 Element of the FFYs 2007 - 2010 TIP

National Highway System Pavement Preservation		<i>Federal Funds</i>	<i>State Funds</i>	<i>Total Funds</i>
Lexington	604628 Route 2	\$2,788,800	\$697,200	\$3,486,000
Weston	605138 Route 20	\$816,000	\$204,000	\$1,020,000
National Highway System Pavement Preservation Total		\$3,604,800	\$901,200	\$4,506,000

FEDERAL AID NON-TARGET PROJECTS

High-Priority Projects (TEA-21)		<i>Federal Funds</i>	<i>State/Local Funds</i>	<i>Total Funds</i>
Boston	Huntington Ave/Symphony Area Streetscape (Design) (HPP 447)	\$220,000	\$55,000	\$275,000
High-Priority Projects (TEA-21) Total		\$220,000	\$55,000	\$275,000

High-Priority Projects (SAFETEA-LU)		<i>Federal Funds</i>	<i>State/Local Funds</i>	<i>Total Funds</i>
Acton and Maynard	604531 Assabet River Rail Trail (Design) (HPP 1761)	\$452,000	\$113,000	\$565,000
Arlington	604687 Massachusetts Avenue (Design) (HPP 47)	\$278,400	\$69,600	\$348,000
Boston	Longwood Ave / Urban Ring Tunnel Study (HPP 856)	\$78,300	\$19,575	\$97,875
Boston	600636 Massachusetts Avenue (HPP 270)	\$2,194,798	\$548,699	\$2,743,497
Danvers & Peabody	Border to Boston Bikeway (HPP 843)	\$574,400	\$143,600	\$718,000
Franklin	604988 Route 140 (Design) (HPP 4279)	\$400,000	\$100,000	\$500,000
Hudson & Stow	604531 Assabet River Rail Trail (Design) (HPP 1761)	\$261,000	\$65,250	\$326,250
Hull	604743 West Corner Culvert (Construction) (HPP 1681)	\$574,400	\$143,600	\$718,000
Somerville	Union Square Improvements (Study) (HPP 999)	\$78,534	\$19,634	\$98,168
Watertown	601686 Pleasant Street and Howard Street (Construction) (HPP 1927)	\$1,094,548	\$273,637	\$1,368,185
Weymouth	Route 18	\$66,103	\$16,526	\$82,629
High-Priority Projects (SAFETEA-LU) Total		\$6,052,483	\$1,513,121	\$7,565,604

ITS Discretionary		<i>Federal Funds</i>	<i>State Funds</i>	<i>Total Funds</i>
Boston	Regional ITS (FFY 2004)	\$861,582	\$215,395	\$1,076,977
Boston	Regional ITS (FFY 2005)	\$711,165	\$177,791	\$888,956
ITS Discretionary Total		\$1,572,746	\$393,187	\$1,965,933

Section 330		<i>Federal Funds</i>	<i>Other Funds</i>	<i>Total Funds</i>
Winthrop	Winthrop Area Ferry Improvements	\$496,500		\$496,500
Section 330 Total		\$496,500		\$496,500

High-Priority Projects (SAFETEA-LU) Other Match		<i>Federal Funds</i>	<i>Other Funds</i>	<i>Total Funds</i>
Boston	National Park Traveler Information System & Visitor Center	\$1,218,000		\$1,218,000
High-Priority Projects (SAFETEA-LU) Other Match Total		\$1,218,000		\$1,218,000

Federal-Aid Non-Target Projects Total **\$11,521,037**
Total Federal-Aid Highway Program **\$177,711,489**

NON FEDERAL-AID TARGET PROJECTS		<i>Federal Funds</i>	<i>State Funds</i>	<i>Total Funds</i>
Non Federal Aid Bridge				
Sherborn	603276 Whitney Street Bridge		\$1,400,000	\$1,400,000
Non Federal Aid Bridge Total				\$1,400,000

Total Highway Program **\$179,111,489**

Amendment One - FFY 2008 Element of the FFYs 2007 - 2010 TIP

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)	\$47,230,000	\$11,807,500	\$59,037,500
MassPike (MTA)		\$13,964,908	\$13,964,908
Insurance Trust		\$57,033,514	\$57,033,514
Federal-Aid Subtotal	\$117,230,000		
Federal-Aid Matching Funds Subtotal		\$29,307,500	
Non-Federal Aid Subtotal		\$70,998,422	
Total Fiscal Year 2008 Central Artery/Tunnel Funds			\$217,535,922

Amendment One - FFY 2008 Element of the FFYs 2007 - 2010 TIP

Regional Transit Program

Section 3037		<i>Federal Funds</i>	<i>MBTA Funds</i>	<i>Total Funds</i>
Systemwide	Job Access	\$1,425,006	\$356,251	\$1,781,257
Section 3037 MBTA Match Total		\$1,425,006	\$356,251	\$1,781,257
 New Freedom		 <i>Federal Funds</i>	 <i>MBTA Funds</i>	 <i>Total Funds</i>
Systemwide	New Freedom	\$1,222,546	\$305,636	\$1,528,182
New Freedom MBTA Match Total		\$1,222,546	\$305,636	\$1,528,182
 Section 5307		 <i>Federal Funds</i>	 <i>MBTA Funds</i>	 <i>Total Funds</i>
Blue Line	Blue Line Vehicles	\$18,247,840	\$4,561,960	\$22,809,800
Red Line	Ashmont Station	\$13,941,700	\$3,485,425	\$17,427,125
Bus	Zero Series Bus Replacement	\$30,880,000	\$7,720,000	\$38,600,000
Systemwide	Station Management Program	\$2,640,000	\$660,000	\$3,300,000
Systemwide	Bicycle Enhancements	\$400,000	\$100,000	\$500,000
Systemwide	Public Address System	\$9,448,618	\$2,362,155	\$11,810,773
Systemwide	Elevator Replacement/Rehabilitation	\$16,945,987	\$4,236,497	\$21,182,484
Systemwide	Grant Anticipation Notes (GANs) Program	\$15,347,587	\$3,836,897	\$19,184,484
Systemwide	MBTA Enhancement Program	\$951,382	\$237,845	\$1,189,227
Systemwide	Preventative Maintenance	\$8,000,000	\$2,000,000	\$10,000,000
Systemwide	Redundant Operations Control Center	\$1,600,000	\$400,000	\$2,000,000
Systemwide	Wayfinding Enhancements	\$8,000,000	\$2,000,000	\$10,000,000
Boston Region (Systemwide)	Environmentally Friendly Locomotive Switchers	\$960,000	\$240,000	\$1,200,000
Section 5307 MBTA Match Total		\$127,363,114	\$31,840,779	\$159,203,893
		<i>Federal Funds</i>	<i>State Funds</i>	<i>Total Funds</i>
Cape Ann	Cape Ann Transportation Authority	\$344,568	\$86,142	\$430,710
Section 5307 State Match Total		\$344,568	\$86,142	\$430,710
SAFETEA-LU High Priority Projects		<i>Federal Funds</i>	<i>Local Funds</i>	<i>Total Funds</i>
Boston Region	HPP Bus - Framingham Transit System	\$391,248	\$97,812	\$489,060
SAFETEA-LU High Priority Projects (HPP Bus) Total		\$391,248	\$97,812	\$489,060
 Section 5309		 <i>Federal Funds</i>	 <i>MBTA/State/Local Funds</i>	 <i>Total Funds</i>
Blue Line	Blue Line Modernization	\$11,338,699	\$2,834,675	\$14,173,374
Orange Line	Orange Line Upgrades	\$1,600,000	\$400,000	\$2,000,000
Red Line	Red Line Number 2 Car	\$6,400,000	\$1,600,000	\$8,000,000
Systemwide	Kawasaki Coaches	\$5,219,211	\$1,304,803	\$6,524,014
Systemwide	Locomotive and Coach Procurement	\$24,800,000	\$6,200,000	\$31,000,000
Systemwide	MBTA Bridge Program	\$11,924,000	\$2,981,000	\$14,905,000
Beverly	Beverly Depot Intermodal Center	\$347,776	\$86,944	\$434,720
Hingham	Marine Intermodal Center Improvements	\$1,564,992	\$391,248	\$1,956,240
Quincy	Quincy Harbor Express	\$347,776	\$86,944	\$434,720
Revere	Wonderland Station	\$312,998	\$78,250	\$391,248
Salem	Salem Intermodal Center	\$347,776	\$86,944	\$434,720
Woburn	Woburn Park & Ride Facility	\$312,998	\$78,250	\$391,248
Beverly/Salem	Beverly/Salem Intermodal Center	\$196,000	\$49,000	\$245,000
Boston	Harbor Park Pavilion	\$217,360	\$54,340	\$271,700
Green Line	Commonwealth Ave Station	\$525,280	\$131,320	\$656,600
<i>Section 5309 Infrastructure Program</i>				
Red Line	Columbia Junction	\$7,200,000	\$1,800,000	\$9,000,000
Commuter Rail	Commuter Rail Top Deck Overhaul	\$2,499,080	\$624,770	\$3,123,850
Commuter Rail	Commuter Rail Coach Overhaul	\$10,240,000	\$2,560,000	\$12,800,000
Systemwide	Power Improvements	\$3,352,268	\$838,067	\$4,190,335
Commuter Rail	Rockport Commuter Rail Station Improvements	\$478,192	\$119,548	\$597,740
Commuter Rail	Auburndale Accessibility	\$313,600	\$78,400	\$392,000
Commuter Rail	Commuter Rail Station Improvements (Melrose)	\$548,800	\$137,200	\$686,000
		<i>NNEPRA Funds</i>	<i>MBTA Funds</i>	<i>Total Funds</i>
Systemwide	Haverhill Line Improvements	\$4,000,000	\$1,000,000	\$5,000,000
Section 5309 MBTA Match Total		\$94,086,807	\$23,521,702	\$117,608,509
 Section 5307 (Carryover)		 <i>Federal Funds</i>	 <i>MBTA Funds</i>	 <i>Total Funds</i>
Green Line	MBTA Accessibility Program	\$6,031,403	\$1,507,851	\$7,539,254
Systemwide	Elevator Replacement/Rehabilitation	\$3,902,190	\$975,547	\$4,877,737
Bus	Everett Maintenance Facility	\$4,000,000	\$1,000,000	\$5,000,000
Systemwide	Redundant Operations Control Center	\$2,400,000	\$600,000	\$3,000,000
Green Line	Park Street Stair Replacement	\$2,400,000	\$600,000	\$3,000,000
Section 5307 (Carryover) MBTA Match Total		\$18,733,593	\$4,683,398	\$23,416,991
		<i>Federal Funds</i>	<i>State Funds</i>	<i>Total Funds</i>
Cape Ann	Cape Ann Transportation Authority	\$346,022	\$86,505	\$432,527
Cape Ann	Ipswich Explorer	\$29,676	\$7,419	\$37,095
Section 5307 (Carryover) State Match Total		\$375,698	\$93,924	\$469,622

Amendment One - FFY 2008 Element of the FFYs 2007 - 2010 TIP

		<i>Federal Funds</i>	<i>MBTA Funds</i>	<i>Total Funds</i>
Section 5309 (Carryover)				
Red Line	Columbia Junction	\$3,200,000	\$800,000	\$4,000,000
Green Line	Green Line #7 Cars	\$4,800,000	\$1,200,000	\$6,000,000
Commuter Rail	Commuter Rail Top Deck Overhaul	\$2,500,920	\$625,230	\$3,126,150
Systemwide	Station Management Program	\$8,000,000	\$2,000,000	\$10,000,000
Systemwide	Locomotive and Coach Procurement	\$16,893,802	\$4,223,451	\$21,117,253
Section 5309 (Carryover) MBTA Match Total		\$35,394,722	\$8,848,681	\$44,243,403
		<i>Federal Funds</i>	<i>MBTA/State/Local Funds</i>	<i>Total Funds</i>
Beverly/Salem	Beverly/Salem Intermodal Center (Earmark)	\$1,188,000	\$297,000	\$1,485,000
Salem	Beverly/Salem Intermodal Center (Earmark)	\$781,994	\$195,498	\$977,492
Beverly	Beverly/Salem Intermodal Center (Earmark)	\$781,994	\$195,498	\$977,492
Quincy	Quincy Catamaran	\$781,994	\$195,498	\$977,492
Revere	Wonderland Station (Earmark)	\$703,795	\$175,949	\$879,744
Hingham	Hingham Shipyard	\$2,543,975	\$635,994	\$3,179,969
Commuter Rail	Auburndale Station	\$1,188,000	\$297,000	\$1,485,000
Commuter Rail	Newburyport Improvements	\$781,994	\$195,498	\$977,492
Commuter Rail	Rockport Improvements	\$1,075,242	\$268,810	\$1,344,052
Commuter Rail	Fitchburg Line Improvements	\$1,960,200	\$490,050	\$2,450,250
Medford	Medford Downtown Parking	\$1,216,714	\$304,179	\$1,520,893
Melrose	Commuter Rail Station Improvement (Earmark)	\$686,000	\$171,500	\$857,500
Ferry	Vessel Procurement Ferry Service	\$4,975,000	\$1,243,750	\$6,218,750
Woburn	Woburn Park & Ride Facility	\$703,795	\$175,949	\$879,744
MetroWest RTA/Regionwide	HPP Bus - Framingham Transit System FFY 2006	\$342,883	\$85,721	\$428,604
MetroWest RTA/Regionwide	HPP Bus - Framingham Transit System FFY 2007	\$361,152	\$90,288	\$451,440
Section 5309 (Carryover) MISC Match Total		\$20,072,731	\$5,018,183	\$25,090,914
Section 115				
Revere	Intermodal Facilities	\$2,200,000		\$2,200,000
Section 115 Total		\$2,200,000		\$2,200,000
Ferry System				
Systemwide	MBTA Ferry System	\$2,000,000	\$500,000	\$2,500,000
Ferry System Total		\$2,000,000	\$500,000	\$2,500,000
Federal-Aid Subtotal		\$303,610,034		
Federal-Aid State Matching Funds Subtotal			\$5,296,061	
Federal-Aid MBTA Matching Funds Subtotal				\$70,056,447
Total Regional Transit Funds				\$378,962,542

Amendment One - FFY 2008 Element of the FFYs 2007 - 2010 TIP Index of Target Projects

Regional Highway Program

FEDERAL-AID TARGET PROJECTS

					Programmed	Project Cost	
Boston	600636	Massachusetts Ave	2008	CMAQ	\$2,500,000	\$9,249,464	\$10,825,180
				NHS	\$4,005,967		
			2009	HSIP		\$10,825,180	
				Earmark	\$2,743,497		
Newton	601899	Route 30 (Commonwealth Ave)	2008	CMAQ	\$8,101,655	\$8,901,060	\$8,901,060
				NHS			
			2008	STP		\$2,254,636	\$2,254,636
				HSIP			
Wakefield	603311	Signals and Intersections at Three Locations	2008	Earmark	\$1,575,716	\$8,559,569	\$8,992,380
Watertown	601686	Pleasant St and Howard St	2008	CMAQ	\$1,200,000	\$8,559,569	\$8,992,380
				NHS			
			2009	STP		\$8,992,380	
				HSIP	\$5,991,384		
			2008	Earmark	\$1,368,185	\$405,000	\$405,000
Boston		Boston Traffic Management Center Operations	2008	CMAQ	\$405,000	\$681,000	\$681,000
				NHS			
Boston Region		Improving the Region's Bike/Ped Infrastructure Program	2008	STP		\$250,000	\$250,000
				HSIP			
			2008	Earmark		\$726,255	\$726,255
Boston Region		Regional Transportation Demand Management Program	2008	CMAQ	\$250,000	\$4,630,000	see workbook page
				NHS			
Boston Region		Suburban Mobility Improvement Program	2008	STP		\$2,000,000	final payment on this contract
				HSIP			
			2008	Earmark		\$4,630,000	see workbook page
Canton, Randolph & Westwood	087800	Route 128 Improvement Program Contract 4	2008	CMAQ	\$4,630,000	\$2,000,000	final payment on this contract
				NHS			
Dedham, Needham & Westwood	603162	Route 128 Improvement Program Contract 3 (final year)	2008	STP		\$2,000,000	final payment on this contract
				HSIP			
			2008	Earmark		\$2,000,000	final payment on this contract

Amendment One - FFY 2008 Element of the FFYs 2007 - 2010 TIP Index of Target Projects

Randolph to Wellesley	Route 128 Improvement Program, design contract	2008	CMAQ NHS STP HSIP Earmark	\$1,000,000	\$1,000,000	
Concord	604646 Route 62		2008	CMAQ NHS STP HSIP Earmark	\$3,601,130	\$3,601,130
Dedham	602009 Washington St	2008		CMAQ NHS STP HSIP Earmark	\$7,020,530	\$7,020,530
Essex	600217 Route 133 (Main St)		2008	CMAQ NHS STP HSIP Earmark	\$6,166,644	\$6,166,644
Hull	604743 West Corner Culvert	2008		CMAQ NHS STP HSIP Earmark	\$1,828,300	\$2,546,300
		2009	CMAQ NHS STP HSIP Earmark	\$718,000 \$179,500	\$2,725,800	
Littleton	Goldsmith St*	2008	CMAQ NHS STP HSIP Enhancement	\$4,200,000	\$4,200,000	\$5,200,000
	* project is over matched by Littleton					
Topsfield	602747 Ipswich Road	2008	CMAQ NHS STP HSIP Enhancement	\$3,936,780	\$3,936,780	\$3,936,780

DRAFT - FFYs 2009 - 2012 TIP Index of Target Projects

Regional Highway Program

FEDERAL-AID TARGET PROJECTS

					Programmed	Project Cost	
Belmont, Cambridge & Somerville	600811	Bicycle Facility	2009	CMAQ NHS STP HSIP Earmark	\$5,200,000	\$5,200,000	
						\$5,200,000	\$5,200,000
Franklin	602962	King St Ramps	2009	CMAQ NHS STP HSIP Earmark	\$4,750,000	\$4,750,000	
						\$4,750,000	\$4,750,000
Milford	604530	Upper Charles Trail, Phase 2	2009	CMAQ NHS STP HSIP Earmark	\$4,100,000	\$4,100,000	
						\$4,100,000	\$4,100,000
Watertown	602053	Intersection Improvements at Three Locations	2009	CMAQ NHS STP HSIP Earmark	\$875,000	\$875,000	
						\$875,000	\$875,000
Boston		Boston Traffic Management Center Operations	2009	CMAQ NHS STP HSIP Earmark	\$405,000	\$405,000	
						\$405,000	\$405,000
Boston Region		Improving the Region's Bike/Ped Infrastructure Program	2009	CMAQ NHS STP HSIP Earmark	\$650,000	\$2,600,000	\$2,600,000
			2010	CMAQ NHS STP HSIP Earmark	\$650,000		
			2011	CMAQ NHS STP HSIP Earmark	\$650,000		
			2012	CMAQ NHS STP HSIP Earmark	\$650,000		
Boston Region		Regional Transportation Demand Management Program	2009	CMAQ NHS STP HSIP Earmark	\$250,000	\$1,000,000	\$1,000,000
			2010	CMAQ NHS STP HSIP Earmark	\$250,000		
			2011	CMAQ NHS STP HSIP Earmark	\$250,000		
			2012	CMAQ NHS STP HSIP Earmark	\$250,000		

DRAFT - FFYs 2009 - 2012 TIP Index of Target Projects

Boston Region		Suburban Mobility Improvement Program		2009	CMAQ NHS STP HSIP Earmark	\$650,000	\$2,600,000	\$2,600,000
				2010	CMAQ NHS STP HSIP Earmark	\$650,000		
				2011	CMAQ NHS STP HSIP Earmark	\$650,000		
				2012	CMAQ NHS STP HSIP Earmark	\$650,000		
Canton, Randolph & Westwood		087800	Route 128 Improvement Program Contract 4	2009	CMAQ NHS STP HSIP Earmark	\$11,959,389	\$30,740,000	\$30,740,000
				2010	CMAQ NHS STP HSIP Earmark	\$4,630,368		
				2011	CMAQ NHS STP HSIP Earmark	\$9,000,000		
				2012	CMAQ NHS STP HSIP Earmark	\$5,150,243		
Dedham, Needham & Westwood		603206	Route 128 Improvement Program Contract 5	2009	CMAQ NHS STP HSIP Earmark	\$3,000,000	\$31,000,000	\$31,000,000
				2010	CMAQ NHS STP HSIP Earmark	\$6,073,682		
				2011	CMAQ NHS STP HSIP Earmark	\$8,000,000		
				2012	CMAQ NHS STP HSIP Earmark	\$13,926,318		
Needham & Wellesley		603711	Route 128 Improvement Program Contract 6	2009	CMAQ NHS STP HSIP Earmark		\$28,000,000	\$28,000,000
				2010	CMAQ NHS STP HSIP Earmark	\$5,048,780		
				2011	CMAQ NHS STP HSIP Earmark	\$10,527,000		
				2012	CMAQ NHS STP HSIP Earmark	\$12,424,220		

DRAFT - FFYs 2009 - 2012 TIP Index of Target Projects

Bedford, Billerica, Burlington	29491	Middlesex Turnpike, Phase 2	2009	CMAQ		\$13,841,843	\$13,841,840
				NHS	\$6,245,005		
				STP	\$4,296,710		
				HSIP	\$2,402,628		
				Earmark	\$897,500		
Foxborough, Norfolk, Wrentham	602496	Route 115 (Pond/Pine St)	2009	CMAQ		\$6,486,000	\$6,486,000
				NHS	\$6,486,000		
				STP			
				HSIP			
				Earmark			
Salem	601017	Route 1A (Bridge Street)	2009	CMAQ		\$6,864,000	\$6,600,000
				NHS	\$6,864,000		
				STP			
				HSIP			
				Earmark			
Danvers/Peabody	87612	Route 128 at Routes 35 and 62	2009	CMAQ		\$9,500,000	\$25,000,000
				NHS	\$9,500,000		
				STP			
				HSIP			
				Earmark			
			2010	CMAQ		\$7,500,000	
				NHS	\$3,203,290		
				STP	\$4,296,710		
				HSIP			
				Earmark			
			2011	CMAQ		\$8,000,000	
				NHS	\$8,000,000		
				STP			
				HSIP			
				Earmark			
Ipswich		North Green Improvement Project	2009	CMAQ		\$91,000	\$812,590
				NHS			
				STP			
				HSIP			
				Enhancement	\$91,000		
			2010	CMAQ		\$721,590	
				NHS			
				STP			
				HSIP			
				Enhancement	\$721,590		
Cambridge	605188	Cambridge Common	2009	CMAQ		\$180,000	\$1,180,000
				NHS			
				STP			
				HSIP			
				Enhancement	\$180,000		
			2012	CMAQ		\$1,000,000	
				NHS			
				STP			
				HSIP			
				Enhancement	\$1,000,000		
Bellingham	602493	Pulaski Blvd.	2010	CMAQ	\$2,000,000	\$9,500,000	\$9,500,000
				NHS	\$7,500,000		
				STP			
				HSIP			
				Earmark			
Boston	604761	South Bay Harbor Trail	2010	CMAQ	\$3,850,000	\$3,850,000	\$3,850,000
				NHS			
				STP			
				HSIP			
				Earmark			
Boston	601274	Tremont Street , Phase 1	2010	CMAQ	\$1,456,000	\$2,229,000	\$2,200,000
				NHS	\$773,000		
				STP			
				HSIP			
				Earmark			
Somerville	604331	Somerville Community Path, Phase 1	2010	CMAQ	\$2,528,280	\$3,537,968	
				NHS			
				STP			
				HSIP			
				Earmark	\$1,009,688		
Weymouth	114906	Route 53 (Washington St) at Middle St	2010	CMAQ	\$1,750,000	\$1,750,000	\$1,750,000
				NHS			
				STP			
				HSIP			
				Earmark			
Arlington	604687	Massachusetts Ave	2010	CMAQ		\$4,846,996	
				NHS	\$2,650,000		
				STP			
				HSIP			
				Earmark	\$1,446,996		
				Earmark	\$750,000		

**DRAFT - FFYs 2009 - 2012 TIP
Index of Target Projects**

Everett	602382	Route 99 (Broadway)	2010	CMAQ NHS STP HSIP Earmark	\$2,161,720	\$2,161,720	\$2,161,720
Norwood	604916	Pleasant St at Morse St		2010	CMAQ NHS STP HSIP Earmark	\$600,000	\$600,000
Weymouth	601630	Route 18 Roadway Improvements	2010	CMAQ NHS STP HSIP Earmark	\$10,700,000	\$23,700,000	\$23,700,000
Concord & Lincoln	602984	Route 2 (Crosby's Corner)		2011	CMAQ NHS STP HSIP Earmark	\$10,000,000 \$3,688,856 \$4,296,710	\$37,985,566
Lexington	602133	Route 2A at Waltham St.	2012	CMAQ NHS STP HSIP Earmark	\$15,703,290 \$4,296,710		
Somerville	601820	Beacon Street	2011	CMAQ NHS STP HSIP Earmark	\$1,000,000	\$1,000,000	\$600,000
Somerville	601820	Magon Sq		2011	CMAQ NHS STP HSIP Earmark	\$1,319,690 \$2,580,310	\$3,900,000
Somerville	601820	Magon Sq	2012	CMAQ NHS STP HSIP Earmark	\$2,000,000	\$2,000,000	\$2,000,000

REGIONAL TRANSPORTATION ADVISORY COUNCIL



July 17, 2008

David Mohler, Chair
Transportation Planning and Programming Committee
Boston Region Metropolitan Planning Organization
State Transportation Building
Ten Park Plaza, Room 4150
Boston, MA 02116

RE: Draft Federal Fiscal Year 2009 Unified Planning Work Program

Dear Mr. Mohler:

The Regional Transportation Advisory Council (Advisory Council) is an independent group of citizen and regional interest groups and municipal officials charged by the Boston Region Metropolitan Planning Organization (MPO) with providing public input on transportation planning to the MPO. The Advisory Council provides a forum for broad-based discussions of transportation issues and planning, particularly on programming of federal and some state transportation funding for the region, and is a main avenue for public participation in the MPO's planning process.

At its July 9, 2008, meeting the Advisory Council discussed the Draft FFY 2009 Unified Planning Work Program (UPWP), then in circulation for public review and comment. The Advisory Council recognizes the value and importance of improving operational and safety measures for automotive and alternative transportation modes throughout the region – including bicycle, pedestrian and transit modes – and of continuing studies and ongoing planning work conducted by the MPO. However, we request your attention to the additional views listed below:

Study Implementation

There is a disconnect between the completion of studies programmed in the UPWP and implementation at the local level. Often, studies translate too slowly to operation and management improvements. This lag exists, in part, because the MPO lacks a mechanism to coordinate with implementing agencies or to fund these projects beyond the research-only scopes and recommendations provided in the UPWP. The connection between study and implementation would improve if the MPO would provide a method for implementing agencies to fund these projects. MPO staff should continue to follow-up with implementing entities to review the progress of projects, and decisions regarding future studies or actions should rely on this review.

Funding Constraints

The Advisory Council recognizes the funding constraints experienced this fiscal year and its effect on the ability to conduct studies involving multi-modal integration at nodes and dedication through corridors, opportunities for transportation finance reform, and investments in the region's freight network. We urge the MPO, when additional funds are available, to examine new funding streams in order to maintain and expand our transportation infrastructure and to advance alternative modes of transportation.

HOV Studies

The Advisory Council values consideration for and looks forward to studies regarding high-occupancy vehicle (HOV) infrastructure expansion in the upcoming Statewide Transportation Plan. Following this study, we hope that a regionally specific HOV study will be included in the FFY 2010 UPWP.

Freight Studies

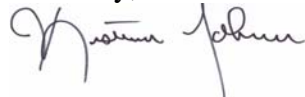
While the Advisory Council appreciates the Executive Office of Transportation and Public Works' recent commitment to study the Commonwealth's rail infrastructure, including passenger and freight service, we believe there remains a need for the MPO to examine the Boston Region specifically, given its population and the volume of traffic of goods impacting its infrastructure.

UPWP Process

The Advisory Council is generally pleased with this year's approach to developing the UPWP. Involving the Advisory Council directly in this MPO process via the Transportation Planning and Programming Committee's UPWP Subcommittee has provided the opportunity to present a broad perspective on the issues addressed in the document, and the document is better for it. We would like to see this focus continued next year in the hopes that it will enhance discussions involving prospective UPWP studies.

Thank you for your consideration.

Sincerely,



Kristina Johnson, Chair