

# REGIONAL TRANSPORTATION ADVISORY COUNCIL

## Summary of November 8, 2006 Meeting

This meeting was held in Conference Room 1 of the State Transportation Building, 10 Park Plaza, Boston, MA.

### 1. Chair's Report - *Steve Olanoff, Chair*

Steve Olanoff, Chair, called the meeting to order at 3:05 PM. Members, guests, visitors, and staff introduced themselves. See the attached attendance list.

Steve Olanoff made the following announcements:

A reminder was given to all meeting attendees to please sign the attendance sheets at the front of the room, as this is how the Advisory Council tracks member participation. Non-member meeting attendees were asked to write their organizations' name on the guest sheet on the sign-in sheets located on the information and hand-out table and to also sign the sheet that is being passed around. These sheets are used to provide feedback to the MPO on public outreach effectiveness and to keep contact information current.

#### MPO Activities

The November issue of the Boston Region Metropolitan Planning Organization's (MPO) monthly newsletter, *TRANSREPORT*, is due out by the end of the week.

At their October 19 meeting, the Transportation Planning and Programming Committee discussed potential land use changes and had an update on the Journey to 2030 long-range Regional Transportation Plan.

The next Transportation Planning and Programming Committee meeting will be held on Thursday, November 16, 2006 at 10:00 am here in Conference Room 4. The agenda will be posted on the MPO's website tomorrow.

Members of the public are invited to attend all MPO meetings, activities, and events. For more information, go to the MPO website at [www.bostonmpo.org](http://www.bostonmpo.org).

#### Other Activities

Advisory Council member Metropolitan Area Planning Council (MAPC) will be conducting two MetroFuture Working Sessions: one on December 5 in Danvers and another on December 6 in Randolph. For more information, visit their website at [www.MetroFuture.org](http://www.MetroFuture.org).

Marilyn Wellons, Riverside Neighborhood Association (RNA) representative to the Advisory Council, has volunteered to be the Advisory Council representative to the Department of Conservation and Recreation's (DCR) Storrow Drive Tunnel Project Traffic Advisory Committee.

The Executive Office of Transportation and the Massachusetts Environmental Policy Act Office are hosting a public consultation session for the proposed extension of the Green Line to Somerville and Medford. The session will be held on Wednesday, November 15, 2006 from 6:30pm-8: 30pm in the auditorium of the McGlynn School, 3002 Mystic Valley Parkway, Medford. For additional information, including a downloadable copy of the submitted Expanded Environmental Notification Form, see <http://www.eot.state.ma.us/>.

A Global Warming Action Conference will be held on Sunday, November 19 from 8:30 am until 6 pm at MIT's State Center. For more information, call (781) 643-5911.

There will be a SWAP (Southwest Advisory Planning Committee – an MAPC (Metropolitan Area Planning Council) Sub-regional group) Legislative Breakfast on Friday, November 17, 2006 from 8 am to 10 am in the Selectmen's Meeting Room of Medway Town Hall at 155 Village Street. For more information, e-mail [MRacicot@mapc.org](mailto:MRacicot@mapc.org).

The final public meeting on the Massachusetts Bicycle Plan will be held tonight here in the State Transportation Building. For more information, go to [www.massbikeplan.org](http://www.massbikeplan.org).

## **2. Approval of Meeting Minutes of October 8, 2006**

Marcy Crowley requested that her discussions about voting new members in and out and about the by-laws be added to the draft meeting minutes. Richard Canale requested that “annual” be changed to “semi-annual” in the first paragraph of Item 3 on Page 3 of the draft meeting minutes.

**MOTION:** A motion to approve the draft meeting minutes of October 11, 2006 as amended by the above requests was made by Marvin Miller and seconded by Dom D'Eramo. The motion passed unanimously.

## **3. Announcements**

See “Chair's Report” above.

## **4. Election to Add New Member: *Proposed new member - Neponset Valley Chamber of Commerce***

**MOTION:** A motion to approve the Neponset Valley Chamber of Commerce as a new member of the Advisory Council was made by Frank DeMasi and seconded by Herb Pence. This motion passed unanimously.

## **5. Briefing on the Proposed Use of Public/Private Partnerships for Rail Freight Projects – *Iris N. Ortiz, Associate, Cambridge Systematics, Inc.***

Iris Ortiz, an Associate with Cambridge Systematics Inc. (CSI), briefed the Advisory Council on public/private partnerships for rail freight projects.

Ms. Ortiz has extensive experience in transportation financial planning and has been involved in a variety of transportation financial planning projects such as the performance of funding assessments for regional transportation plans, the development of revenue forecasting models for the states of Texas and Washington, conducting financial assessments for projects requesting funding under the Federal Transit Administration's (FTA) New Starts Program, and authoring the Federal Highway Administration's (FHWA) "Future Directions of Innovative Finance". Prior to joining CSI, she worked for the Massachusetts Institute of Technology (MIT) and FHWA. Ms. Ortiz has a Master's degree in Transportation from MIT and a Bachelor's degree in Civil Engineering from the University of Puerto Rico.

Ms. Ortiz is investigating the use of public-private partnerships for rail freight projects while simultaneously developing a rail freight financing guidebook for FHWA.

Freight traffic, as measured in tons, is projected to increase by almost 70% by the year 2020. While truck traffic is expected to increase as part of this overall increase in freight traffic, the percentage of freight carried by truck in Massachusetts will probably decrease from its present rate of 94% to 84%, showing the projected increase in rail use from 1% to 8%. If all of the freight that is expected to be carried by rail during this time period were shifted to trucks, it would result in an increase of 92 million vehicle miles traveled (VMT) by truck. This 37% increase in truck VMT would require an additional investment of \$64 billion in highway improvements and result in \$1.6 trillion in additional costs to railroad shippers.

One of the initiatives under way to foster both an increase in rail freight as well as an increase in the use of public/private partnerships for rail freight projects is the Northeast Rail Operations (NEROps) Study. The objective of this study, sponsored by the I-95 Corridor Coalition and conducted by CSI, is to help develop a railroad improvement program in the northeast region, which consists of the six New England states and New York. Phase I of this study has been completed and Phase II is expected to start by early 2007. A similar study, the Mid-Atlantic Rail Operations (MAROps) Study, was performed for the Mid-Atlantic States.

The emerging trends in the railroad industry that were identified in the NEROps Phase I Study include:

- A shrinking railroad system, but a growing demand
- Continually evolving markets, logistics, and industry practices
- Ever increasing regional population
- Continuous physical growth
- Continued financial challenges
- A lack of railroad sidings
- The increasing use of 286,000 pound railroad cars
- The increasing importance of double-stack railroad operations

- The pressure on inner city railroad yard operations in terms of land use considerations

There are many examples of successful rail freight public/private partnerships. They include:

- Heartland Corridor in Virginia, West Virginia, and Ohio
- Alameda Corridor in Los Angeles
- Reno, Nevada Transportation Rail Access Corridor (ReTRAC)
- Chicago Region Environmental and Transportation Efficiency Program (CREATE)
- Sheffield Fly-over and Argentine Connection in Missouri and Kansas
- Dixie Siding in Indianapolis
- Southern Tier Extension Project in southwestern New York state
- Auburn Intermodal Facility in Maine
- Shellpot Bridge Project in Delaware

The key characteristics identified and the lessons learned from successful rail freight public/private partnerships include:

- There must be proven public benefits
- There must be a champion, preferably the state's Department Of Transportation
- Funding follows benefits
- There must be innovative financing
- Cash contributions are not the only revenue source
- Agreements are reached only after major obstacles are addressed
- Freight must be integrated into transportation planning

For more information, contact Iris N. Ortiz at Cambridge Systematics, Inc. at 617-354-0167 or [iortiz@camsys.com](mailto:iortiz@camsys.com).

### **Points and Issues Raised During Discussion**

Since trucks are the major mode of freight transportation in Massachusetts, we don't hear about alternate modes nor do we concentrate on maintaining and enhancing those assets. (Frank DeMasi)

Are your numbers scaleable and do you have a ballpark cost estimate for implementing a similar strategy in our region? (Rick Arena) *No, to both questions, but for comparison purposes, the MAROps study indicated a required investment of \$6.2 billion to satisfy their needs. (Iris Ortiz)*

That was a great presentation. Thank you. The examples you gave of successful projects all seemed to have powerful champions. We don't seem to have those here in Massachusetts. Who was Chicago's champion? (Dom D'Eramo) *Chicago's champion was the governor of Illinois. As with many political changes in the Chicago area, CREATE resulted from a particularly bad snowstorm. (Iris Ortiz)*

Have the private railroads been receptive to your findings? (David Ernst) *Generally, no. They believe that their rate of return is too low to justify these large capital investments. They mainly focus on investing in the maintenance of their rights-of-way, existing infrastructure, and equipment. (Iris Ortiz)*

The Pioneer Valley Railroad is a Massachusetts branch line obtains funding from local economic development groups to assist them in their rail freight projects.(Frank DeMasi)

Has anyone considered district improvement financing (DIF) grants to fund this type of project? (Lisa Lepore) *No, not to my knowledge. (Frank DeMasi) The champion of that would have to be the local town. (Steve Olanoff)*

I always find projections interesting, because our society doesn't worry about what will happen 20 years down the road until we've already traveled for 18 years. Given that it's a 1998 number, now almost nine years old, is the 70% increase in truck traffic from 1998 to 2020 still accurate? (Marvin Miller) *FHWA is in the process of updating their data. These updated numbers should be available by April 2007. (Iris Ortiz)*

What is the benefit to a community to allow, for example, a new rail freight siding within their community? (John Stasik) *Overcoming NIMBYism is difficult. A case must be made on the basis of increased economic development, job creation, and tax revenues as well as selling the regional benefits gained by increasing the efficiency of local railroad operations. (Iris Ortiz)*

Has the NEROps Study identified the top issues that need to be addressed? (Barbara Lucas) *No, not in Phase I, but we expect to do so in Phase II of the study. (Iris Ortiz)*

Last year we heard from others involved with the I-95 Corridor Coalition and the NEROps Study that they couldn't find anyone to speak with about their issues here in Massachusetts. Is there any plan to correct that situation? (Dom D'Eramo) *Yes, one of the recommendations made in the Draft Statewide Transportation Plan was to create the position of Freight Coordinator within the Executive Office of Transportation. Secretary Cogliano has been very involved in attempting to make this happen. (Ken Miller)*

One of our state officials recently stated that there is no demand for double stack rail east of Worcester. Is this true? (Marvin Miller) *Not according to CSX. (Frank DeMasi) I disagree with that. I see this as a chicken and egg argument. Others say if you build it, they will come. (Iris Ortiz)*

**6. Briefing on the Proposed Adjustment to the FYs 2007-2010 Transportation Improvement Program (TIP) – Sam Snead, TIP Manager, Central Transportation Planning Staff (CTPS)**

Sam Snead, MPO TIP Manager, briefed the Advisory Council on the two adjustments and one amendment that have been proposed for the FYs 2007-2010 TIP. These were approved for release for public comment at recent Transportation Planning and Programming Committee meetings (October 19 and 23).

The proposed amendment, affecting the FFYs 2007, 2008 and 2009 elements, contains changes to transit funding and update transit carryover funding, adding funding for two projects, moving funding for two projects and reducing funding for one. See Attachment 2 for details.

The proposed adjustments contain changes to the FYs 2007-2009 elements dealing with High Priority Projects (HPP) highway funding and carryover funding for various transit projects. See Attachment 2 for details.

For more information, Sam may be contacted at 617-973-7129 or [ssnead@ctps.org](mailto:ssnead@ctps.org) or visit the MPO website at [www.bostonmpo.org](http://www.bostonmpo.org).

#### **Points and Issues Raised During Discussion**

There were no questions or comments.

### **7. Key Transportation Issues for the Advisory Council**

Steve Olanoff opened this discussion by relaying information from Governor Dukakis' presentation at the October 13 Move Massachusetts meeting. The Governor spoke on many regional and statewide projects, including the North/South Rail Link, commuter rail service to Fall River, New Bedford, Worcester and Springfield, and the Urban Ring 3 Project. Hearing this presentation prompted Steve to schedule this discussion in order to ensure that he is properly carrying the Advisory Council's wishes to the Transportation Planning and Programming Committee.

Steve suggested that, in addition to hearing more about the above projects, the Advisory Council might schedule a joint briefing on the Silver Line Phase 3 Project. Other topics for further discussion could include the Red Line/Blue Line Connector, the Blue Line Extension to Lynn, which was also the venue of a field trip last year, as well as the issues raised in the Advisory Council's comments on the FFYs 2007-2010 TIP and FFY 2007 Unified Planning Work Program (UPWP).

#### **Points and Issues Raised During Discussion**

Frank DeMasi proposed a motion to create a menu of issues for discussion. While there was no second, there was much discussion and this motion was tabled until next meeting in order to allow members to go back to their organizations to obtain feedback on the types of issues that are important to the municipalities and organizations and that should be addressed in a future discussion.

The Advisory Council should be concentrating on policy issues and not on individual projects; the Advisory Council is not a body that “second-guesses” the agency members of the Transportation Planning and Programming Committee. (David Ernst) *We agree. (Walter Bonin and Rick Arena) I don't agree that we should be purely policy-based. I think that we can look at individual projects, but I do feel that we should be doing this in the context of the Journey to 2030 Regional Transportation Plan. (Kristina Johnson)*

The Advisory Council needs to be more than just a passive player in regional transportation planning. We need to be proactive in getting both sides of the story and should be able to have the MBTA come here and defend their projects to us. (Rick Arena)

In the past, the Advisory Council had a substantive role to play. We had documents to approve. There should be a representative of the MBTA and the other agencies as well as more cities and towns here to address issues and answer questions. I don't know why that is no longer the case. If we don't stand up and do what we are mandated to do, we will continue to be ignored. (Marvin Miller and Dom D'Eramo) *In the case of the Silver Line Phase 3 Project, the MBTA is still in the process of developing their responses to comments received about their Notice of Project Change and were not in a position to brief the Advisory Council at today's meeting. They asked for a raincheck and provided brochures and maps. They also asked me to stress that all the Notice of Project Change does is request permission to study an additional alternative. It does not say that this is the preferred alternative or that it will be the one used, it simply adds an additional alternative to the list of ones to be evaluated. (Bill Moore) We need to be persistent in inviting the MBTA and others to attend our meetings and provide meetings. The squeaky wheel gets the grease. If we ask more than once, they will come. (Rick Arena) The operative phrase is that we make suggestions. (Frank DeMasi)*

We should structure the next meeting to discuss these issues. (Richard Canale)

I feel that the way the MPO is presently structured that it is heavily slanted toward the North Shore and MetroWest which tends to leave the South Shore under-represented. (Kristina Johnson) *It is not the case that individual regions or cities or towns have their own representative on the MPO. Representatives represent all of the 101 cities and towns in the MPO region. (Barbara Lucas)*

What would be exceptionally helpful would be if the Advisory Council could bring a unique or different perspective on issues that are not now being put forth, similar to what you do with freight and with the excellent field trips that have been conducted in the past. (Barbara Lucas)

We did not take advantage of the opportunity to ask Sam Snead questions earlier in this meeting. That was our fault. (Marvin Miller and Lisa Lepore)

It was agreed that members would e-mail their suggestions and comments to Bill Moore for compilation and distribution for the next meeting. It was also requested that staff make a bigger effort to disseminate applicable information earlier.

## **8. Advisory Council Committees**

Freight - *Domenic D'Eramo & Frank DeMasi - Co-Chairs*

Lisa Lepore is the new Freight Committee Chair. The next quarterly meeting of the Freight Committee will be held on December 13, 2006. More information on this meeting will follow.

Due to the lateness of the hour, the following reports were deferred until next meeting:

Regional Transportation Plan (Plan) - *New chair to be determined.*

Transportation Improvement Program (TIP) - *New chair to be determined.*

Unified Planning Work Program (UPWP) - *Steve Olanoff, Chair*

Membership - *Frank DeMasi, Chair*

Program - *Richard Canale, Chair*

## **9. Member Items for Discussion and Other Business**

Printed copies of the MPO's Unified Planning Work Program were made available to members.

## **10. Adjournment**

A motion to adjourn was made by John Stasik and seconded by Richard Canale. The motion passed, unanimously, and the meeting was adjourned at 5:10 pm.

### **Attachments:**

1. Attendance List for November 8, 2006
2. FFYs 2007-2010 TIP Amendment #1 and Adjustment #2

CTPS/WAM/wam

**ATTACHMENT 1: *Attendance List for November 8, 2006***

**Cities and Towns**

Arlington: Laura Wiener

Boston: Tom Kadzis

Cambridge: Bill Deignan

Marlborough: Walter Bonin

Millis: Domenic D'Eramo

Natick: Martha White

Quincy: Kristina Johnson

Somerville: Lisa Lepore

Wayland: Marcy Crowley

Wellesley: Frank DeMasi, Advisory Council Vice Chair, Advisory Council Freight Committee Co-Chair, and Advisory Council Membership Committee Chair

Westwood: Steven Olanoff, Advisory Council Chair and UPWP Committee Chair

**Agencies**

Executive Office of Transportation (EOT): Kenneth S. Miller, P.E., Deputy Secretary for Transportation Planning and Executive Director of the Office of Transportation Planning (OTP) and Katherine Fichter

MBTA Advisory Board: Jane O'Hern

Metropolitan Area Planning Council (MAPC): Barbara Lucas

MetroWest Growth Management Committee: John Stasik

Minuteman Advisory Group on Interlocal Coordination (MAGIC): Richard Canale, Advisory Council Program Chair

**Citizen Groups**

American Council of Engineering Companies (ACEC): Marvin Miller

American Planning Association/Massachusetts Chapter (APA): Michael Abend

Association for Public Transportation (APT): Richard J. Arena, APT President and Vincent Lawrence Dixon

Boston Society of Civil Engineers Section American Society of Civil Engineers (BSCES/ASCE): Nick Rubino

MassBike: David Ernst

New England Bus Transportation Association (NEBTA): Herb Pence

**Guests and Visitors**

Ed Lowney

Carlye Murphy - EAPD

Iris Ortiz – Cambridge Systematics, Inc.

Cheryl Ravalli

Robert Sturgis

**MPO Staff**

Anne McGahan

Bill Moore

Sam Snead

Pam Wolfe

**ATTACHMENT 2:** FYs 2007-2010 TIP Amendment #1 and Adjustment #2

MEMORANDUM

December 12, 2006

TO: Transportation Planning and Programming Committee

FROM: Samuel Snead, TIP Manager

RE: Proposed FFYs 2007-2010 TIP Amendment #1 and Adjustment #2

Below are the approved amendment and adjustment to the FFY 2007, FFY 2008, and FFY 2009 elements of the FFYs 2007-2010 TIP:

Amendment #1

Transit and Transit Carryover

*Add*

- Grant Anticipation Notes – 155 Buses

-Add \$2,500,000 in FFY 2007

-Add \$3,700,000 in FFY 2008

-Add \$3,700,000 in FFY 2009

- Station Security Program

-Add \$10,000,000 to FFY 2007

- Add \$1,908,433 (\$1,526,746 federal and \$381,687 state match) of Urban Ring funds to FFY 2007 Carryover

*Move*

- Move \$12,500,000 of Blue Line Signal Project funds from FFY 2007 Carryover to FFY 2008

- Move \$14,200,000 of Arborway Maintenance Facility funds from FFY 2008 to FFY2009

*Reduce*

- Zero Series Bus Procurement

-Reduce by 2,000,000 in FFY 2008

-Reduce by 17,900,000 in FFY 2009

Adjustment #2

Transit Carryover

*Add*

- Add \$46,369 (\$37,095 federal and \$9,274 match) in CATA 5307 funds for the Ipswich Explorer to FFY 2007 Carryover

- Add \$297,000 (no match required) in Section 112 funds for the Boston University Corridor Study to FFY 2007

# Fiscal Year 2007

## *Regional Highway Program*

### **FEDERAL-AID TARGET PROJECTS**

#### *Congestion Mitigation and Air Quality Improvement Program Federal Funds State Funds Total Funds*

Belmont, Cambridge & Somerville 600811 Bicycle Facility \$2,400,000 \$600,000 \$3,000,000  
Boston Boston Traffic Management Center Operations \$306,000 \$76,500 \$382,500  
Newton 601899 Route 30 (Commonwealth Avenue), Phase Three \$2,640,000 \$660,000 \$3,300,000  
Saugus 601513 Route 1/Walnut Street \$2,160,000 \$540,000 \$2,700,000  
Stoneham, Winchester & Woburn Tri-Community Bikeway (Design) \$480,000 \$120,000 \$600,000  
Watertown 601686 Pleasant Street and Howard Street \$960,000 \$240,000 \$1,200,000

*Federal Funds Local Funds Total Funds*

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  
Boston Region Bus Diesel Retrofit Program \$140,000 \$35,000 \$175,000  
Boston Region Improving the Region's Bicycle Parking Infrastructure Program \$544,800 \$136,200 \$681,000  
Congestion Mitigation and Air Quality Improvement Program Total \$2,946,000 \$736,500 \$12,938,500

*CMAQ Regional Target \$12,890,131*

#### **National Highway System** *Federal Funds State Funds Total Funds*

Dedham, Needham & Westwood 603162 Route 128 Improvement Program Contract 3, Year Three \$6,800,000 \$1,700,000 \$8,500,000  
Dedham, Needham & Westwood 603206 Route 128 Improvement Program Contract 4, Year One \$4,800,000 \$1,200,000 \$6,000,000  
Randolph to Wellesley Route 128 Improvement Program (Design) \$2,240,000 \$560,000 \$2,800,000  
National Highway System Total \$13,840,000 \$3,460,000 \$17,300,000

*Surface Transportation Program Federal Funds State Funds Total Funds*

Boston 600635 Commonwealth Avenue (Phase B) \$7,040,000 \$1,760,000 \$8,800,000  
Essex 600217 Route 133 (Main Street) \$2,000,000 \$500,000 \$2,500,000  
Hingham 604391 Route 228, Phase 2 \$3,520,000 \$880,000 \$4,400,000  
Saugus 601513 Route 1/Walnut Street \$7,772,000 \$1,943,000 \$9,715,000  
Watertown 601686 Pleasant Street and Howard Street \$2,991,104 \$747,776 \$3,738,880  
Surface Transportation Program Total \$23,323,104 \$5,830,776 \$29,153,880

*Surface Transportation Program/Enhancement Federal Funds State Funds Total Funds*

Newton Route 30 (Commonwealth Ave.), Phase Three \$639,524 \$159,881 \$799,405  
Surface Transportation Program/Enhancement Total \$639,524 \$159,881 \$799,405  
Total Regional Target Programming \$60,191,785

*Boston Region MPO Regional Target with State Match \$60,232,004*

Proposed Adjustment

Fiscal Years 2007–2010 TIP

and Air Quality Conformity Determination

Fiscal Year 2007

*FEDERAL AID BRIDGE PROJECTS*

*Bridge Federal Funds State Funds Total Funds*

Ipswich 602543 Route 1A (High Street) Bridge \$4,576,000 \$1,144,000 \$5,720,000  
Lynn & Saugus 26710 Route 107 (Fox Hill) Bridge \$800,000 \$200,000 \$1,000,000  
Marlborough 603506 Two Bridges \$1,159,488 \$289,872 \$1,449,360  
Marshfield & Norwell 603360 Union Street (Bridge Street) Bridge \$1,511,432 \$377,858  
\$1,889,290  
Somerville 602219 Cross Street Bridge \$1,760,702 \$440,175 \$2,200,877  
Bridge Total \$9,807,622 \$2,451,905 \$12,259,527

Proposed Adjustment

Fiscal Years 2007–2010 TIP

and Air Quality Conformity Determination

Fiscal Year 2007

*Regional Highway Program (continued)*

*Advance Construction Bridge Federal Funds State Funds Total Funds*

Boston & Everett 603370 Route 99 (Alford Street) Bridge, Year Three \$6,400,000  
\$1,600,000 \$8,000,000  
Boston 604517 Chelsea Street Bridge, Year Two \$6,400,000 \$1,600,000 \$8,000,000  
Canton & Dedham 602288 Route 128 Improvement Program Contract 1, Year Five  
\$3,200,000 \$800,000 \$4,000,000  
Randolph to Wellesley 87800 Route 128 Improvement Program Contract 4, Year One  
\$1,600,000 \$400,000 \$2,000,000  
Dedham & Westwood 603162 Route 128 Improvement Program Contract 3, Year Three  
\$5,000,000 \$1,250,000 \$6,250,000  
Dedham, Needham & Westwood 603206 Route 128 Improvement Program Contract 4,  
Year One \$4,800,000 \$1,200,000 \$6,000,000  
Waltham 601498 Winter Street Bridge, Year Four \$2,600,000 \$650,000 \$3,250,000  
Advance Construction Bridge Total \$30,000,000 \$7,500,000 \$37,500,000  
Federal-Aid Bridge Total \$49,759,527

*FEDERAL AID MAJOR INFRASTRUCTURE AND STATEWIDE CATEGORIES*

*Interstate Maintenance Federal Funds State Funds Total Funds*

Burlington & Woburn Interstate 95 \$8,100,000 \$900,000 \$9,000,000  
Littleton & Westford Interstate 495 \$6,300,000 \$700,000 \$7,000,000  
Milford, Hopkinton, Westborough  
& Southborough Interstate 495 \$4,050,000 \$450,000 \$4,500,000

Interstate Maintenance Total \$18,450,000 \$2,050,000 \$20,500,000

Federal-Aid Major Infrastructure and Statewide Categories Total \$20,500,000

*FEDERAL AID NON-TARGET PROJECTS*

*High-Priority Projects (TEA-21) Federal Funds State Funds Total Funds*

Weymouth Route 18 Design \$663,752 \$165,938 \$829,690  
Weymouth East-West Parkway Permitting \$2,400,000 \$600,000 \$3,000,000  
Weymouth Route 18 (Right-of-Way) \$1,440,000 \$360,000 \$1,800,000  
High-Priority Projects (TEA-21) Total \$4,503,752 \$1,125,938 \$5,629,690

High-Priority Project (SAFETEA-LU) *Federal Funds State Funds Total Funds*  
 Acton and Maynard Assabet River Rail Trail (Design) \$452,000 \$113,000 \$565,000  
 Arlington Massachusetts Avenue (Design) \$278,400 \$69,600 \$348,000  
 Boston Longwood Ave / Urban Ring Tunnel Study \$232,317 \$58,079 \$290,396  
 Danvers & Peabody Border to Boston Bikeway (Design) \$413,008 \$103,252 \$516,260  
 Hudson & Stow Assabet River Rail Trail (Design) \$261,000 \$65,250 \$326,250  
 Somerville Assembly Square Multimodal Access Improvements \$2,581,300 \$645,325  
 \$3,226,625  
 Somerville 600831 I-93 Mystic Avenue Interchange (Study and Design) \$206,504  
 \$51,626 \$258,130  
 Somerville Union Square Improvements (Study) \$206,504 \$51,626 \$258,130  
 Watertown 601686 Pleasant Street and Howard Street \$826,016 \$206,504 \$1,032,520  
 High-Priority (SAFETEA-LU) Project Total \$5,457,049 \$1,364,262 \$6,821,311  
 Section 117 *Federal Funds Total Funds*  
 Milton East Milton Parking Study \$150,000 \$150,000  
 Section 117 Total \$150,000  
 Section 112 *Federal Funds Total Funds Proposed Adjustment*  
 Boston Boston University Highway Corridors Study \$297,000 \$297,000 *Add ed*  
*(Approved Adjustment)*  
 Section 117 Total \$150,000  
 High-Priority Project (SAFETEA-LU) Other Match *Federal Funds Other Funds Total*  
*Funds*  
 Boston National Park Traveler Information System & Visitor Center \$4,496,768  
 \$4,496,768  
 High-Priority Project (SAFETEA-LU) Other Match Total \$4,496,768  
 Proposed Adjustment  
 Fiscal Years 2007–2010 TIP  
 and Air Quality Conformity Determination  
 Fiscal Year 2007  
 Federal-Aid Non-Target Projects Total \$17,247,769  
 Total Federal-Aid Highway Program \$147,399,081  
**STATE FUNDED PROJECTS**  
 Non-Federal Aid  
*State Funds Total Funds*  
 Sherborn 603276 Whitney Street Bridge \$1,400,000 \$1,400,000  
 Non-Federal Aid Total \$1,400,000 \$1,400,000  
 Total Highway Program \$148,799,081  
*Central Artery/Tunnel Project*  
 Regular Obligational Authority (OA) *Federal Funds State Funds Total Funds*  
 National Highway System (NHS) \$37,716,718 \$9,429,179 \$47,145,897  
 Congestion Mitigation & Air Quality (CMAQ) \$13,700,000 \$3,425,000 \$17,125,000  
 State Transportation Program (STP) 29554491.29 \$7,388,623 \$36,943,114  
 MassPike (MTA) \$37,353,015 \$37,353,015  
 Transportation Infrastructure Fund (TIF) \$101,042,839 \$101,042,839  
 Insurance Trust \$22,802,124 \$22,802,124  
 Federal-Aid Subtotal \$80,971,209

Federal-Aid Matching Funds Subtotal \$20,242,802  
 Non-Federal Aid Subtotal \$161,197,978  
 Subtotal Fiscal Year 2007 (OA) \$262,411,989  
 GANs REPAYMENT *Federal Funds State Funds Total Funds*  
 National Highway System \$70,000,000 \$17,500,000 \$87,500,000  
 STP/Statewide \$20,240,000 \$5,060,000 \$25,300,000  
 STP/Boston MPO \$20,000,000 \$5,000,000 25000000  
 Federal-Aid Subtotal \$110,240,000  
 Federal-Aid Matching Funds Subtotal \$27,560,000  
 Subtotal Fiscal Year 2007 (GANs) \$137,800,000  
 Proposed Adjustment  
 Fiscal Years 2007–2010 TIP  
 and Air Quality Conformity Determination  
 Fiscal Year 2007  
 Total OA and GANs *Federal Funds State Funds Total Funds*  
 National Highway System (NHS) \$107,716,718 \$26,929,179 \$134,645,897  
 State Transportation Program (STP) \$69,794,491 \$17,448,623 \$87,243,114  
 MassPike (MTA) \$37,353,015 \$37,353,015  
 Transportation Infrastructure Fund (TIF) \$101,042,839 \$101,042,839  
 Insurance Trust \$22,802,124 \$22,802,124  
 Federal-Aid Subtotal \$191,211,209  
 Federal-Aid Matching Funds Subtotal \$47,802,802  
 Non-Federal Aid Subtotal \$161,197,978  
 Total Fiscal Year 2007 Central Artery/Tunnel Funds \$400,211,989  
 Proposed Adjustment  
 Fiscal Years 2007–2010 TIP  
 and Air Quality Conformity Determination  
 Fiscal Year 2007  
*Regional Transit Program*  
**REGIONAL TRANSIT PROGRAM: FISCAL YEAR 2007 FUNDS**  
 Section 3037  
*Federal Funds MBTA Funds Total Funds*  
 Systemwide Job Access/Reverse Commute \$1,314,890 \$328,723 \$1,643,613  
 Section 3037 MBTA Match Total \$1,314,890 \$328,723 \$1,643,613  
 New Freedom *Federal Funds MBTA Funds Total Funds*  
 Systemwide New Freedom \$1,131,728 \$282,932 \$1,414,660  
 New Freedom MBTA Match Total \$1,131,728 \$282,932 \$1,414,660  
 Section 5307  
*Federal Funds MBTA Funds Total Funds Approved Amendment*  
 Blue Line Blue Line Vehicles \$16,083,435 \$4,020,859 \$20,104,294  
 Systemwide Station Security Program \$8,000,000 \$2,000,000 \$10,000,000 *Added*  
*(Approved Amendment)*  
 Systemwide Zero Series Bus Replacement \$38,214,342 \$9,553,585 \$47,767,927  
 Systemwide Elevator Repl/Rehab \$16,000,000 \$4,000,000 \$20,000,000  
 Systemwide Public Address System \$8,000,000 \$2,000,000 \$10,000,000

Systemwide Grant Anticipation Notes (GANs) Program \$17,760,968 \$4,440,242  
 \$22,201,210 *Increased by \$2,500,000 (Approved Amendment)*  
 Systemwide Station Management Program \$14,463,528 \$3,615,882 \$18,079,410  
 Systemwide MBTA Enhancement Program \$951,382 \$237,845 \$1,189,227  
 Systemwide Preventative Maintenance \$8,000,000 \$2,000,000 \$10,000,000  
 Section 5307 MBTA Match Total \$127,473,654 \$31,868,414 \$159,342,068  
*Federal Funds State Funds Total Funds*  
 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 Federal Funds MBTA Funds Total Funds*  
 Blue Line Blue Line Modernization \$28,498,249 \$7,124,562 \$35,622,811  
 Bus HPP Bus- Framingham Transit System \$361,152 \$68,528 \$429,680  
 Green Line Lechmere Intermodal \$3,613,555 \$903,389 \$4,516,944  
 Green Line MBTA Accessibility Program \$12,672,389 \$3,168,097 \$15,840,486  
 Orange Line Orange Line Upgrades \$1,600,000 \$400,000 \$2,000,000  
 Red Line Charles/MGH Station \$3,920,000 \$980,000 \$4,900,000  
 Systemwide Kawasaki Coaches \$1,600,000 \$400,000 \$2,000,000  
 Systemwide Locomotive and Coach Procurement \$1,600,000 \$400,000 \$2,000,000  
 Systemwide Station Management Program \$14,249,026 \$3,562,256 \$17,811,282  
 Systemwide MBTA Bridge Program \$4,800,000 \$1,200,000 \$6,000,000  
*Section 5309 Infrastructure Program*  
 Commuter Rail Commuter Rail Top Deck Overhaul \$4,000,000 \$1,000,000 \$5,000,000  
 Commuter Rail Commuter Rail Coach Overhaul \$1,840,000 \$460,000 \$2,300,000  
 Systemwide Power Improvements \$4,626,996 \$1,156,749 \$5,783,745  
*NNEPRA Funds MBTA Funds Total Funds*  
 Systemwide Haverhill Line Improvements \$2,400,000 \$600,000 \$3,000,000  
 Section 5309 MBTA Match Total \$72,914,370 \$18,206,833 \$104,204,948  
 Proposed Adjustment  
 Fiscal Years 2007–2010 TIP  
 and Air Quality Conformity Determination  
 Fiscal Year 2007  
*Section 5309 - Bus and Bus Facility Federal Funds Other Funds Total Funds*  
 Boston Harbor Park Pavilion and Intermodal Station \$250,800 \$62,700 \$313,500  
*Federal Funds Local Funds Total Funds*  
 Framingham Local Intra-Framingham System Enhancements \$361,152 \$90,288 \$451,440  
*Federal Funds MBTA Funds Total Funds*  
 Hingham Hingham Shipyard \$1,805,760 \$451,440 \$2,257,200  
 Section 5309 - Bus and Bus Facility Total \$2,417,712 \$604,428 \$3,022,140  
 Federal-Aid Subtotal \$203,179,211  
 Federal-Aid State Matching Funds Subtotal \$86,142  
 Federal-Aid MBTA Matching Funds Subtotal \$50,686,901  
 Total FY 2007 Regional Transit Funds \$269,627,429  
 Proposed Adjustment  
 Fiscal Years 2007–2010 TIP  
 and Air Quality Conformity Determination  
 Fiscal Year 2007

*REGIONAL TRANSIT PROGRAM: CARRYOVER FUNDS*

Section 5307 (Carryover)

*Federal Funds MBTA Funds Total Funds Approved Adjustment*

Blue Line Blue Line Vehicles \$9,734,137 \$2,433,534 \$12,167,671

Boston Region Urban Ring \$1,526,746 \$381,687 \$1,908,433 *Added (Approved Amendment)*

Bus Wellington Facility \$1,560,000 \$390,000 \$1,950,000

Green Line MBTA Accessibility Program \$8,958,203 \$2,239,551 \$11,197,754

Systemwide MBTA Escalator./Elevator Program \$4,800,000 \$1,200,000 \$6,000,000

Systemwide MBTA Enhancement Program \$2,451,084 \$612,771 \$3,063,855

Bus 155 Bus Procurement \$14,585,658 \$3,646,415 \$18,232,073

Red Line Ashmont Station \$17,091,500 \$4,272,875 \$21,364,375

Systemwide Station Management Program \$27,769,511 \$6,942,378 \$34,711,889

*Section 5307 Infrastructure Program Federal Funds MBTA Funds Total Funds Approved Amendment*

Blue Line Blue Line Signals \$800,000 \$200,000 \$1,000,000 *Moved \$12,500,000 to FY 2008 (Approved Amendment)*

Section 5307 (Carryover) Total \$89,276,840 \$22,319,210 \$111,596,050

*Federal Funds Local Funds Total Funds Approved Adjustment*

Cape Ann Suburban Mobility (Ipswich Explorer) \$37,095 \$9,274 \$46,369 *Added (Approved Adjustment)*

Section 5307 (Carryover) Local Match Total \$37,095 \$9,274 \$46,369

*Flex Funds Federal Funds MBTA Funds Total Funds*

Systemwide Bus Emissions Monitoring \$880,000 \$220,000 \$1,100,000

Section 5309 (Carryover) Flex Funds Total \$880,000 \$220,000 \$1,100,000

*Federal Funds MBTA Funds Total Funds*

Beverly & Salem Beverly/Salem Intermodal Center (Earmark) \$491,799 \$122,950 \$614,749

Revere Wonderland Station (Earmark) \$1,703,557 \$425,889 \$2,129,446

Green Line Lechmere Intermodal \$3,506,445 \$876,611 \$4,383,056

Blue Line Blue Line Modernization \$1,611,012 \$402,753 \$2,013,765

Systemwide Power Improvements \$880,000 \$220,000 \$1,100,000

Systemwide MBTA Bridge Program \$1,520,000 \$380,000 \$1,900,000

Commuter Rail Coach Reliability and Safety Program \$18,400,000 \$4,600,000 \$23,000,000

Green Line Subway Vehicle Overhaul \$4,800,000 \$1,200,000 \$6,000,000

Commuter Rail Commuter Rail Top Deck Overhaul \$4,400,000 \$1,100,000 \$5,500,000

Systemwide Station Management Program \$22,201,467 \$5,550,367 \$27,751,834

Section 5309 (Carryover) Total \$59,514,280 \$14,878,570 \$74,392,850

*Section 5309 - Bus and Bus Facility Federal Funds MBTA Funds Total Funds*

Hingham Hingham Shipyard \$1,713,215 \$428,304 \$2,141,519

*Federal Funds Local Funds Total Funds*

Framingham Local Intra-Framingham System Enhancements \$342,643 \$85,661 \$428,304

*Federal Funds Other Funds Total Funds*

Boston Harbor Park Pavilion and Intermodal Station \$240,350 \$48,070 \$300,438

*Section 5309 - New Starts Federal Funds MBTA Funds Total Funds*

Bus Rapid Transit Silver Line Phase III \$3,930,861 \$982,715 \$4,913,576  
 Section 5309 - Bus and Bus Facility (Carryover) Total \$7,783,836  
 SAFETEA-LU High Priority Projects *Federal Funds Local Funds Total Funds*  
 Bus HPP Bus- Framingham Transit System \$342,643 \$68,528 \$411,171  
 SAFETEA-LU High Priority Projects (HPP Bus) Total \$342,643 \$68,528 \$411,171  
 Carryover Federal Aid Subtotal \$150,013,763  
 Carryover MBTA Matching Funds \$38,828,799  
 Total FY 2007 Regional Transit Carryover Funds \$188,842,562

\*Source: MBTA Budget Office October 11, 2006

Proposed Adjustment  
 Fiscal Years 2007–2010 TIP  
 and Air Quality Conformity Determination  
 Fiscal Year 2008

*Regional Highway Program*

**FEDERAL-AID TARGET PROJECTS**

Congestion Mitigation and Air Quality Improvement Program *Federal Funds State Funds Total Funds*

Boston Boston Traffic Management Center Operations \$324,000 \$81,000 \$405,000  
 Boston 601274 Tremont Street , Phase 1 \$1,120,000 \$280,000 \$1,400,000  
 Boston 600636 Massachusetts Avenue \$2,000,000 \$500,000 \$2,500,000  
 Holliston 602929 Upper Charles Trail \$490,400 \$122,600 \$613,000  
 Milford 604530 Upper Charles Trail, Phase 2 \$3,280,000 \$820,000 \$4,100,000  
 Somerville 604331 Somerville Community Path, Phase 1 \$1,944,830 \$486,208  
 \$2,431,038

*Federal Funds Local Funds Total Funds*

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  
 Boston Region Improving the Region's Bicycle Parking Infrastructure Program \$544,800  
 \$136,200 \$681,000

*Federal Funds MBTA Funds Total Funds*

Boston Region Hybrid Locomotive Switches \$1,536,000 \$384,000 \$1,920,000  
 Congestion Mitigation and Air Quality Improvement Program Total \$11,960,030  
 \$2,990,008 \$14,950,038

*CMAQ Regional Target \$12,890,131*

*National Highway System Federal Funds State Funds Total Funds*

Canton, Randolph, Westwood 087800 Route 128 Improvement Program Contract 4, Year  
 One \$4,320,000 \$1,080,000 \$5,400,000  
 Dedham, Needham & Westwood 603162 Route 128 Improvement Program Contract 3,  
 Year Four \$2,000,000 \$500,000 \$2,500,000  
 Dedham, Needham & Westwood 603206 Route 128 Improvement Program Contract 4,  
 Year Two \$7,200,000 \$1,800,000 \$9,000,000  
 National Highway System Total \$13,520,000 \$3,380,000 \$16,900,000  
 Surface Transportation Program *Federal Funds State Funds Total Funds*  
 Bedford, Billerica & Burlington 029491 Middlesex Turnpike (Mitre Extension), Phase  
 One \$2,428,858 \$607,214 \$3,036,072

Boston 601274 Tremont Street , Phase 1 \$1,680,000 \$420,000 \$2,100,000  
 Danvers and Peabody 87612 Route 128, Route 35 and 62 Interchanges \$7,817,920  
 \$1,954,480 \$9,772,400  
 Salem 601017 Route 1A (Bridge Street) \$2,400,000 \$600,000 \$3,000,000  
 Revere 601935 Park Avenue and Central Avenue \$2,238,944 \$559,736 \$2,798,680  
 Concord Route 62 \$960,000 \$240,000 \$1,200,000  
 Boston 600636 Massachusetts Avenue \$6,283,995 \$1,570,999 \$7,854,994  
 Surface Transportation Program Total \$23,809,717 \$5,952,429 \$29,762,146  
 Total Regional Target Programming \$61,612,184  
*Boston Region MPO Regional Target with State Match \$61,010,246*  
**FEDERAL-AID TARGET PROJECTS**  
*Bridge Federal Funds State Funds Total Funds*  
 Bedford 603985 Page Road \$800,000 \$200,000 \$1,000,000  
 Boston 603654 River Street Bridge \$1,960,000 \$490,000 \$2,450,000  
 Boston 603654 Morton Street Bridge \$2,384,800 \$596,200 \$2,981,000  
 Bridge Total \$5,144,800 \$1,286,200 \$6,431,000  
 Proposed Adjustment  
 Fiscal Years 2007–2010 TIP  
 and Air Quality Conformity Determination  
 Fiscal Year 2008  
*Regional Highway Program (continued)*  
*Advance Construction Bridge Federal Funds State Funds Total Funds*  
 Boston 604517 Chelsea Street Bridge, Year Three \$14,000,000 \$3,500,000 \$17,500,000  
 Boston & Everett 603370 Route 99 (Alford Street) Bridge, Year Four \$6,400,000  
 \$1,600,000 \$8,000,000  
 Dedham & Westwood 603162 Route 128 Improvement Program Contract 3, Year Four  
 \$3,200,000 \$800,000 \$4,000,000  
 Dedham, Needham & Westwood 603206 Route 128 Improvement Program Contract 4,  
 Year Two \$8,000,000 \$2,000,000 \$10,000,000  
 Canton, Randolph & Westwood 87800 Route 128 Improvement Program Contract 4,  
 Year Two \$4,800,000 \$1,200,000 \$6,000,000  
 Lynn & Saugus 026710 Route 107 (Fox Hill) Bridge, Year Two \$4,200,000 \$1,050,000  
 \$5,250,000  
 Advance Construction Bridge Total \$40,600,000 \$10,150,000 \$50,750,000  
 Federal-Aid Bridge Total \$57,181,000  
**FEDERAL AID MAJOR INFRASTRUCTURE AND STATEWIDE CATEGORIES**  
*Interstate Maintenance Federal Funds State Funds Total Funds*  
 Bolton, Boxborough & Harvard Interstate 495 \$9,000,000 \$1,000,000 \$10,000,000  
 Lynnfield & Peabody Interstate 95 \$4,500,000 \$500,000 \$5,000,000  
 Medford & Somerville Interstate 93 \$5,400,000 \$600,000 \$6,000,000  
 Waltham Interstate 95 \$6,750,000 \$750,000 \$7,500,000  
 Interstate Maintenance Total \$25,650,000 \$2,850,000 \$28,500,000  
**FEDERAL AID NON-TARGET PROJECTS**  
*High-Priority Projects (TEA-21) Federal Funds State Funds Total Funds*  
 Bedford, Billerica & Burlington 029491 Middlesex Turnpike (Mitre Extension), Phase  
 One \$1,922,102 \$480,526 \$2,402,628

High-Priority Projects (TEA-21) Total \$2,183,102 \$545,776 \$2,402,628  
 High-Priority Projects (SAFETEA-LU) *Federal Funds State Funds Total Funds*  
 Bedford, Billerica & Burlington 029491 Middlesex Turnpike (Mitre Extension), Phase  
 One \$689,040 \$137,808 \$861,300  
 Boston Longwood Ave / Urban Ring Tunnel Study \$78,300 \$19,575 \$97,875  
 Boston 600636 Massachusetts Avenue \$2,657,501 \$664,375 \$3,321,876  
 Somerville Assembly Square Multimodal Access Improvements \$870,000 \$217,500  
 \$1,087,500  
 Somerville I-93 Mystic Avenue Interchange (Study and Design) \$69,600 \$17,400  
 \$87,000  
 Somerville Union Square Improvements (Study) \$69,600 \$17,400 \$87,000  
 Somerville Somerville Community Path, Phase 1 \$621,234 \$155,309 \$776,543  
 Danvers & Peabody Border to Boston Bikeway (Design) \$139,200 \$34,800 \$174,000  
 Danvers & Peabody 87612 Route 128, Route 35 and 62 Interchanges \$1,104,416  
 \$276,104 \$1,380,520  
 Hudson & Stow Assabet River Rail Trail (Design) \$261,000 \$65,250 \$326,250  
 Watertown 601686 Pleasant Street and Howard Street \$278,400 \$69,600 \$348,000  
 High-Priority Projects (SAFETEA-LU) Total \$6,838,291 \$1,675,121 \$8,547,864  
 High-Priority Project (SAFETEA-LU) Other Match *Federal Funds Other Funds Total  
 Funds*  
 Boston National Park Traveler Information System & Visitor Center \$1,218,000  
 \$1,218,000  
 High-Priority Project (SAFETEA-LU) Other Match Total \$1,218,000  
 Federal-Aid Non-Target Projects Total \$10,950,491  
 Total Federal-Aid Highway Program \$159,461,675  
**STATE-FUNDED PROJECTS**  
 Non-Federal Aid *State Funds Total Funds*  
 Framingham 602839 Central Street Bridge \$1,800,000 \$1,800,000  
 Non-Federal Aid Total \$1,800,000 \$1,800,000  
 Total Highway Program \$161,261,675  
 Proposed Adjustment  
 Fiscal Years 2007–2010 TIP  
 and Air Quality Conformity Determination  
 Fiscal Year 2008  
 Central Artery/Tunnel Project *Federal Funds State Funds Total Funds*  
 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  
 Transportation Infrastructure Fund (TIF) \$0 \$0  
 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  
 Proposed Adjustment  
 Fiscal Years 2007–2010 TIP

and Air Quality Conformity Determination  
Fiscal Year 2008

*Regional Transit Program*

*REGIONAL TRANSIT PROGRAM: FISCAL YEAR 2008 FUNDS*

*Section 3037 Federal Funds MBTA Funds Total Funds*

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 Federal Funds MBTA Funds Total Funds*

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 Federal Funds MBTA Funds Total Funds Approved Amendment*

Blue Line Blue Line Vehicles \$18,642,268 \$4,660,567 \$23,302,835

Blue Line Blue Line Signals \$10,000,000 \$2,500,000 \$12,500,000 *\$12,500,000 from FY 2007 Carryover (Approved*

*Amendment)*

Bus Zero Series Bus Replacement \$0 \$0 \$0 *Decrease by \$2,000,000 (Approved Amendment)*

Bus Arborway Maintenance Facility \$16,479,528 \$4,119,882 \$20,599,410 *Move \$14,200,000 to FY 2009 (Approved*

*Amendment)*

Systemwide Public Address System \$10,400,000 \$2,600,000 \$13,000,000

Systemwide Elevator Repl/Rehab \$31,200,000 \$7,800,000 \$39,000,000

Systemwide Grant Anticipation Notes (GANs) Program \$26,307,587 \$6,576,897 \$32,884,484 *Increase by \$3,700,000 (Approved Amendment)*

Systemwide Station Management Program \$5,408,116 \$1,352,029 \$6,760,145

Systemwide MBTA Enhancement Program \$951,382 \$237,845 \$1,189,227

Systemwide Preventative Maintenance \$8,000,000 \$2,000,000 \$10,000,000

Section 5307 MBTA Match Total \$82,267,085 \$20,566,771 \$159,236,101

*Federal Funds State Funds Total Funds*

Cape Ann Cape Ann Transportation Authority \$344,568 \$86,142 \$430,710

Section 5307 State Match Total \$344,568 \$86,142 \$430,710

*Proposed Adjustment*

*Fiscal Years 2007–2010 TIP*

*and Air Quality Conformity Determination*

*Fiscal Year 2008*

*SAFETEA-LU High Priority Projects Federal Funds Local Funds Total Funds*

Boston Region HPP Bus- Framingham Transit System \$391,248 \$97,812 \$489,060

SAFETEA-LU High Priority Projects (HPP Bus) Total \$489,060

*Section 5309 Federal Funds MBTA Funds Total Funds*

Blue Line Blue Line Modernization \$20,608,389 \$5,152,097 \$25,760,486

Orange Line Orange Line Upgrades \$800,000 \$200,000 \$1,000,000

Systemwide Kawasaki Coaches \$12,419,211 \$3,104,803 \$15,524,014

Systemwide Locomotive and Coach Procurement \$6,400,000 \$1,600,000 \$8,000,000

Systemwide Station Management Program \$5,130,310 \$1,282,578 \$6,412,888

Systemwide MBTA Bridge Program \$11,924,000 \$2,981,000 \$14,905,000

Red Line Red Line Number 2 Car \$6,400,000 \$1,600,000 \$8,000,000

*Section 5309 Infrastructure Program*

Commuter Rail Commuter Rail Top Deck Overhaul \$2,499,080 \$624,770 \$3,123,850

Commuter Rail Commuter Rail Coach Overhaul \$9,440,000 \$2,360,000 \$11,800,000

Commuter Rail Columbia Junction \$1,600,000 \$400,000 \$2,000,000

Systemwide Power Improvements \$11,352,268 \$2,838,067 \$14,190,335

Section 5309 MBTA Match Total \$88,964,506 \$22,241,127 \$111,694,693

Section 5309 - Bus and Bus Facility *Federal Funds Other Funds Total Funds*

Boston Harbor Park Pavilion and Intermodal Station \$271,700 \$67,925 \$339,625

*Federal Funds Local Funds Total Funds*

Framingham Local Intra-Framingham System Enhancements \$391,248 \$97,812 \$489,060

*Federal Funds MBTA Funds Total Funds*

Hingham Hingham Shipyard \$1,956,240 \$489,060 \$2,445,300

Section 5309 - Bus and Bus Facility Total \$2,619,188 \$654,797 \$3,273,985

Federal-Aid Subtotal \$93,963,921

Federal-Aid State Matching Funds Subtotal \$86,142

Federal-Aid MBTA Matching Funds Subtotal \$23,404,838

Total FY 2008 Regional Transit Funds \$278,003,278

Proposed Adjustment

Fiscal Years 2007–2010 TIP

and Air Quality Conformity Determination

Fiscal Year 2009

*Regional Highway Program*

*FEDERAL-AID TARGET PROJECTS*

Congestion Mitigation and Air Quality Improvement Program *Federal Funds State Funds Total Funds*

Boston South Bay Harbor Trail (Construction) \$3,080,000 \$770,000 \$3,850,000

Concord & Lincoln 602984 Route 2 (Crosby's Corner) \$3,400,000 \$850,000 \$4,250,000

Stoneham, Winchester & Woburn Tri-Community Bikeway (Construction) \$3,520,000

\$880,000 \$4,400,000

*Federal Funds Local Funds Total Funds*

Boston Region Regional Transportation Demand Management Program \$80,000 \$20,000 \$100,000

Boston Region Suburban Mobility Improvement Program \$200,000 \$50,000 \$250,000

Congestion Mitigation and Air Quality Improvement Program Total \$10,280,000

\$2,570,000 \$12,850,000

*CMAQ Regional Target \$12,890,131*

National Highway System *Federal Funds State Funds Total Funds*

Canton, Randolph & Westwood 087800 Route 128 Improvement Program Contract 4, Year Two \$9,280,000 \$2,320,000 \$11,600,000

Dedham, Needham & Westwood 603206 Route 128 Improvement Program Contract 4, Year Three \$6,480,000 \$1,620,000 \$8,100,000

Needham & Wellesley 603711 Route 128 Improvement Program Contract 5, Year One \$1,600,000 \$400,000 \$2,000,000

National Highway System Total \$17,360,000 \$4,340,000 \$21,700,000

Surface Transportation Program *Federal Funds State Funds Total Funds*

Bedford, Billerica & Burlington 029492 Middlesex Turnpike Improvement Project,  
 Phase Two \$5,840,000 \$1,460,000 \$7,300,000  
 Concord & Lincoln 602984 Route 2 (Crosby's Corner), Phase 1 \$3,400,000 \$850,000  
 \$4,250,000  
 Weymouth 601630 Route 18 \$11,200,000 \$2,800,000 \$14,000,000  
 Surface Transportation Program Total \$20,440,000 \$5,110,000 \$25,550,000  
 Total Regional Target Programming \$60,100,000  
*Boston Region MPO Regional Target with State Match \$60,166,479*  
**FEDERAL-AID BRIDGE PROJECTS**  
*Bridge Federal Funds State Funds Total Funds*  
 Hingham 604086 Rockland Street Bridge \$440,000 \$110,000 \$550,000  
 Bridge Total \$440,000 \$110,000 \$550,000  
*Advance Construction Bridge Federal Funds State Funds Total Funds*  
 Boston 604517 Chelsea Street Bridge, Year Four \$14,000,000 \$3,500,000 \$17,500,000  
 Boston & Everett 603370 Route 99 (Alford Street) Bridge, Year Five \$6,400,000  
 \$1,600,000 \$8,000,000  
 Dedham, Needham & Westwood 603206 Route 128 Improvement Program Contract 4,  
 Year Three \$9,600,000 \$2,400,000 \$12,000,000  
 Lynn & Saugus 026710 Route 107 (Fox Hill) Bridge, Year Three \$2,200,000 \$550,000  
 \$2,750,000  
 Needham & Wellesley 603711 Route 128 Improvement Program Contract 5, Year One  
 \$1,600,000 \$400,000 \$2,000,000  
 Advance Construction Bridge Total \$33,800,000 \$8,450,000 \$42,250,000  
 Federal-Aid Bridge Total \$42,800,000  
**FEDERAL AID MAJOR INFRASTRUCTURE AND STATEWIDE CATEGORIES**  
*Interstate Maintenance Federal Funds State Funds Total Funds*  
 Marlborough, Hudson & Berlin Interstate 495 \$5,850,000 \$650,000 \$6,500,000  
 Stoneham, Winchester & Reading Interstate 93 \$6,480,000 \$720,000 \$7,200,000  
 Wilmington & Woburn Interstate 93 \$6,120,000 \$680,000 \$6,800,000  
 Interstate Maintenance Total \$18,450,000 \$2,050,000 \$20,500,000  
 Proposed Adjustment  
 Fiscal Years 2007–2010 TIP  
 and Air Quality Conformity Determination  
 Fiscal Year 2009  
*Regional Highway Program (continued)*  
**FEDERAL AID NON-TARGET PROJECTS**  
*High-Priority Projects (SAFETEA-LU) Federal Funds State Funds Total Funds*  
 Bedford, Billerica & Burlington 029492 Middlesex Turnpike Improvement Project,  
 Phase Two \$640,000 \$160,000 \$800,000  
 Boston Longwood Ave / Urban Ring Tunnel Study \$78,300 \$19,575 \$97,875  
 Boston 600636 Massachusetts Avenue \$669,900 \$167,475 \$837,375  
 Danvers & Peabody Border to Boston Bikeway (Design) \$139,200 \$34,800 \$174,000  
 Danvers & Peabody 87612 Route 128, Route 35 and 62 Interchanges \$278,400 \$69,600  
 \$348,000  
 Hudson & Stow Assabet River Rail Trail (Design) \$261,000 \$65,250 \$326,250

Somerville Assembly Square Multimodal Access Improvements \$870,000 \$217,500  
 \$1,087,500  
 Somerville I-93 Mystic Avenue Interchange (Study and Design) \$69,600 \$17,400  
 \$87,000  
 Somerville Union Square Improvements (Study) \$69,600 \$17,400 \$87,000  
 Somerville Somerville Community Path, Phase 1 \$156,600 \$39,150 \$195,750  
 Watertown 601686 Pleasant Street and Howard Street \$278,400 \$69,600 \$348,000  
 High-Priority Projects Total \$3,511,000 \$877,750 \$4,388,750  
 High-Priority Project (SAFETEA-LU) Other Match *Federal Funds Other Funds Total  
 Funds*  
 Boston National Park Traveler Information System & Visitor Center \$1,218,000  
 \$1,218,000  
 High-Priority Project (SAFETEA-LU) Other Match Total \$1,218,000  
 Federal-Aid Non-Target Projects Total \$4,388,750  
 Total Federal-Aid Highway Program \$127,788,750  
**STATE-FUNDED PROJECTS**  
*Non-Federal Aid State Funds Total Funds*  
 Ashland 603602 Route 135 (Union Street) Bridge \$818,700 \$818,700  
 Non-Federal Aid Total \$818,700 \$818,700  
 Total Highway Program \$128,607,450  
 Central Artery/Tunnel Project  
*Federal Funds State Funds Total Funds*  
 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  
 Total Fiscal Year 2009 Central Artery/Tunnel Funds \$158,556,250  
 Proposed Adjustment  
 Fiscal Years 2007–2010 TIP  
 and Air Quality Conformity Determination  
 Fiscal Year 2009  
**REGIONAL TRANSIT PROGRAM**  
*Regional Transit Program: Fiscal Year 2009 Funds*  
*Section 3037 Federal Funds MBTA Funds Total Funds*  
 Systemwide Job Access \$1,502,650 \$375,662 \$1,878,312  
 Section 3037 MBTA Match Total \$1,425,006 \$356,251 \$1,878,312  
*New Freedom Federal Funds MBTA Funds Total Funds*  
 Systemwide New Freedom \$1,292,406 \$323,101 \$1,615,507  
 New Freedom MBTA Match Total \$1,222,546 \$305,636 \$1,615,507  
*Section 5307 Federal Funds MBTA Funds Total Funds Approved Amendment*  
 Bus Zero Series Bus Replacement \$11,243,790 \$2,810,947 \$14,054,737 *Decreased by  
 \$17,900,000 (Approved Amendment)*  
 Bus Arborway Maintenance Facility \$45,908,072 \$11,477,018 \$57,385,090 *Increased by  
 \$14,200,000 from FY 2008 (Approved Amendment)*  
 Systemwide Elevator Repl/Rehab \$40,000,000 \$10,000,000 \$50,000,000

Systemwide Grant Anticipation Notes (GANs) Program \$29,345,000 \$7,336,250  
 \$36,681,250 *Increase by \$3,700,000 (Approved Amendment)*  
 Systemwide MBTA Enhancement Program \$951,382 \$237,845 \$1,189,227  
 Systemwide Preventative Maintenance \$8,000,000 \$2,000,000 \$10,000,000  
 Section 5307 MBTA Match Total \$78,296,382 \$19,574,095 \$169,310,304  
*Federal Funds State Funds Total Funds*  
 Cape Ann Cape Ann Transportation Authority \$344,568 \$86,142 \$430,710  
 Section 5307 State Match Total \$344,568 \$86,142 \$430,710  
 Proposed Adjustment  
 Fiscal Years 2007–2010 TIP  
 and Air Quality Conformity Determination  
 Fiscal Year 2009  
*Regional Transit Program (continued)*  
 SAFETEA-LU High Priority Projects *Federal Funds Local Funds Total Funds*  
 Boston Region HPP Bus- Framingham Transit System \$406,296 \$101,574 \$507,870  
 SAFETEA-LU High Priority Projects (HPP Bus) Total \$507,870  
*Section 5309 Federal Funds MBTA Funds Total Funds*  
 Systemwide Kawasaki Coaches \$21,405,624 \$5,351,406 \$26,757,030  
 Systemwide Locomotive and Coach Procurement \$14,400,000 \$3,600,000 \$18,000,000  
 Systemwide MBTA Bridge Program \$7,680,000 \$1,920,000 \$9,600,000  
 Red Line Red Line Number 2 Car \$24,000,000 \$6,000,000 \$30,000,000  
*Section 5309 Infrastructure Program*  
 Commuter Rail Columbia Junction \$14,400,000 \$3,600,000 \$18,000,000  
 Systemwide Power Improvements \$11,080,000 \$2,770,000 \$13,850,000  
 Section 5309 MBTA Match Total \$92,965,624 \$23,241,406 \$116,207,030  
 Section 5309 - Bus and Bus Facility *Federal Funds Other Funds Total Funds*  
 Boston Harbor Park Pavilion and Intermodal Station \$282,150 \$70,538 \$352,688  
*Federal Funds Local Funds Total Funds*  
 Framingham Local Intra-Framingham System Enhancements \$406,296 \$101,574  
 \$507,870  
*Federal Funds MBTA Funds Total Funds*  
 Hingham Hingham Shipyard \$2,031,480 \$507,870 \$2,539,350  
 Section 5309 - Bus and Bus Facility Total \$2,719,926 \$679,982 \$3,399,908  
 Federal-Aid Subtotal \$89,720,950  
 Federal-Aid State Matching Funds Subtotal \$86,142  
 Federal-Aid MBTA Matching Funds Subtotal \$43,477,389  
 Total FY 2008 Regional Transit Funds \$293,349,641  
 Proposed Adjustment  
 Fiscal Years 2007–2010 TIP  
 and Air Quality Conformity Determination