

# FFY 2007-2010 TRANSPORTATION IMPROVEMENT PROGRAM

August 10, 2006



Prepared By:  
OLD COLONY PLANNING COUNCIL  
70 School Street  
Brockton, Massachusetts

*This document was prepared in cooperation with the Massachusetts Highway Department (#4034021), Executive Office of Transportation, the Federal Highway Administration and the Federal Transit Administration.*

# **OLD COLONY METROPOLITAN PLANNING ORGANIZATION**

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Kathleen Lavin	Chairman, Board of Selectmen, Abington
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Luisa Paiewonsky	Commissioner, MassHighway
Reinald Ledoux, Jr.	Administrator, BAT
Robert Overholtzer	President, OCPC

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JTC Vice Chairman	Saeed Kashi

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ABINGTON - <i>Alternate</i>	Bruce Hughes
AVON	Ed Sarni
BRIDGEWATER- <i>Delegate</i>	David Matton
BRIDGEWATER - <i>Alternate</i>	Robert Wood
BROCKTON - <i>Delegate</i>	Michael Thoreson
BROCKTON - <i>Alternate</i>	Elaine Czaja
EAST BRIDGEWATER - <i>Delegate</i>	John Haines
EAST BRIDGEWATER - <i>Alternate</i>	Richard O'Flaherty
EASTON - <i>Delegate</i>	Wayne P. Southworth
EASTON - <i>Alternate</i>	Maurice Goulet
HALIFAX	Troy Garron
HANSON	Noreen O'Toole
KINGSTON	Paul Basler
PEMBROKE	Michael Valenti
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### **AGENCY REPRESENTATION**

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EOT	Kenneth Miller
EOT	Joanne Telegen
MHD District 5	Bernard McCourt
MHD District 5	Mark Carmichael
MHD District 5	Tim Kochan
BAT	Reinald Ledoux, Jr
BAT	Kathy Riddell
DEP	Leah Weiss
FHWA	Edward Silva
FHWA	Michael Chong
FTA	Donna Laidley
FTA	Andrew Motter
Brockton Traffic Commission	Captain John Gomes

### **OCPC TRANSPORTATION STAFF**

Charles Kilmer	Transportation Supervisor
Jed Cornock	Transportation Planning Assistant
Edward Coviello	Transportation Planner
Raymond Guarino	Transportation Planner
William McNulty	Transportation Planner
Susan McGrath	GIS Coordinator
Alan Huff	Transportation Intern
Andrew Vidal	GIS Intern

# Old Colony Planning Council

## OCPC OFFICERS

President	Robert Overholtzer
Secretary	Joseph Landolfi
Treasurer	Jeanmarie Kent Joyce

## COMMUNITY

ABINGTON  
AVON  
BRIDGEWATER  
BROCKTON  
EAST BRIDGEWATER  
EASTON  
HALIFAX  
HANSON  
KINGSTON  
PEMBROKE  
PLYMOUTH  
PLYMPTON  
STOUGHTON  
WEST BRIDGEWATER  
WHITMAN  
DELEGATE-AT-LARGE

## DELEGATE

A. Stanley Littlefield  
Frank Staffier  
Anthony P. Anacki  
Robert G. Moran, Jr.  
David A. Johnson  
Jeanmarie Kent Joyce  
John G. Mather  
Robert Overholtzer  
Paul Basler  
Gerard Dempsey  
Lee Hartmann  
John Rantuccio  
Joseph Landolfi  
Eldon F. Moreira  
Fred Gilmetti  
Matthew Striggles

## ALTERNATE

Joseph Murray  
Charles Marinelli  
  
Richard O'Flaherty  
Steve Donahue  
Troy E. Garron  
Phillip Lindquist  
  
Brian Van Riper  
  
James Mulcahy  
Robert E. Kuver  
Nancy Bresciani

## OCPC STAFF

Pasquale Ciarabella	Executive Director
Lila Burgess	Ombudsman Program Director
Jed Cornock	Transportation Planning Assistant
Edward Coviello	Transportation Planner
Hazel Gauley	Assistant Ombudsman Director
Raymond Guarino	Transportation Planner
Patrick Hamilton	AAA Administrator
Alan Huff	Transportation Intern
Bruce G. Hughes	Economic Development Specialist
Charles Kilmer	Transportation Planning Supervisor
Jane E. Linhares	Grants Monitor/ Secretary
Janet McGinty	Fiscal Officer
Susan McGrath	GIS Coordinator
William McNulty	Transportation Planner
Anne Nicholas	Ombudsman Program Assistant
Norman Sorgman	Assistant Ombudsman Director
Jacqueline Surette	Fiscal Consultant
Andrew Vidal	GIS Intern
James R. Watson	Comprehensive Planning Supervisor

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**A. Introduction**

The Transportation Improvement Program (TIP) is an annual requirement of the joint Federal Highway Administration and Federal Transit Administration regulations issued on September 17, 1975. This document is a listing of transportation projects proposed for implementation during the next four federal fiscal years (FY2007, FY2008, FY2009, & 2010). Projects listed in the TIP include those in the Long Range Element (LRE) and Short Range Element (SRE) of the Old Colony Regional Transportation Plan. In the TIP, projects are classified under federal and non-federal funding categories and assigned a local priority. The TIP briefly describes the project as well as its projected costs and funding sources.

**1. Development of the TIP**

Each year the TIP is prepared in draft form by the Old Colony Planning Council staff working cooperatively with the staffs of Brockton Area Transit (BAT), MassHighway District 5 and the Executive of Transportation Office of Transportation Planning. Projects are selected from the prior year TIP, from the current Comprehensive Economic Development Strategy (CEDS) project list, from proposals made by local officials or citizens, by members of the Old Colony Joint Transportation Committee (JTC), by the Massachusetts Highway Department, by Brockton Area Transit Authority or the staff itself based on the Regional Transportation Plan. Information concerning current projects is obtained from the Massachusetts Highway Department, the Brockton Area Transit Authority, the Executive Office of Transportation, and/or the community responsible for the design of the project.

As part of the TIP development, current and proposed projects are evaluated using Transportation Evaluation Criteria, and recommended to the Old Colony MPO for consideration and approval. The collective staffs evaluate candidate projects for the Old Colony MPO using the Transportation Evaluation Criteria of Condition, Mobility, Safety and Security, Community Effects and Support, Land Use and Economic Development, and Environmental Effects. After the evaluations, the results are provided to the Old Colony MPO for its review and approval. Once the Old Colony MPO has reviewed and approved the evaluations, the OCPC staff then uses the evaluation results, as well as readiness information, available funding, and other pertinent information to develop a Draft TIP. As part of the development process, the Draft TIP is reviewed by the JTC, the OCPC, and the MPO releases it for a 30-Day Public Review Period. After the 30-Day Public Review Period, the Final Draft TIP is sent to the Old Colony MPO for consideration and approval.

The Governor's designated state clearinghouse, Executive Office of Transportation (EOT), has determined that the review and adoption of the TIP by the Old Colony Metropolitan Planning Organization (MPO) satisfies state Intergovernmental Review concerns.

**“Fix It First” and “Community First” Policy**

In January of 2003, the Office of Governor of the Commonwealth of Massachusetts mandated that it shall be the policy of the Commonwealth that all programs that involve work on streets, roads, and bridges adhere to a “Fix It First” and “Communities First” policy.

The “**Fix It First**” portion of the policy states that priority shall be given to the repair of existing streets, roads, and bridges.

The Community-Friendly Solutions, or “**Communities First**” part of the policy, states that wherever a street, road, or bridge needs to be redesigned and reconstructed, the responsible entities shall plan and undertake a context-sensitive project that fully protects and enhances the surrounding community and landscape while addressing mobility for all transportation modes.

## **2. Prioritization**

Qualifying factors for a project to be listed in the active year element (2007).

- Project must have Project Review Committee (PRC) approval and/or a MHD ID number (PROJIS)
- Need for project to be implemented (safety, congestion, etc.)
- Financial feasibility of project
- Project must have reasonable progress in design, as to assure that the project can be implemented in the active year
- Level of impact of the project (ADTs, Location, NHS, Safety)
- Local and regional support for the project
- Project has appeared on previous TIPs
- Project has been derived from the Management Systems
- Consideration of Transportation Evaluation Criteria

## **3. Public Participation**

This FFY-2007-2010 Transportation Improvement Program was developed in accordance with the Public Participation Plan (PPP) for the Old Colony Planning Council Region. Brockton Area Transit utilizes the Old Colony MPO’s public participation as its public participation process.

Public participation in the TIP development process is welcomed and encouraged. The public is able to participate in the development of the TIP by attending various meetings and reviews designated for the TIP, or by contacting the OCPC offices. The development process is as such:

- Review previous years TIPs
- List all projects carried over from the latest TIP and new suggestions for projects
- Review list of Projects with the JTC
- Consideration of Transportation Evaluation Criteria
- Development of future projects
- Adoption of the fiscal year Transportation Improvement Program

### **Private Sector**

The Old Colony Planning Council and Metropolitan Planning Organization have continually demonstrated private sector participation in Transportation Improvement Programs. The Old Colony Joint Transportation Committee (JTC), consisting of local appointed delegates and representatives of public transportation agencies, meets monthly to discuss issues affecting individual communities as well as the region as a whole. The minutes of each meeting and the agenda for upcoming meetings are regularly mailed to a number of private transit and trucking firms who are invited to attend and participate in this phase of the overall planning process. The JTC also publishes a Newsletter containing recent developments and other articles of interest. Private firms are included on the Newsletter mailing list. A list of these private firms can be found in the OCPC Transit Directory.

The Transit Directory is listing of public and private transit agencies providing both internal service within the region and service to points outside the region, particularly the Greater

**- OLD COLONY MPO TRANSPORTATION IMPROVEMENT PROGRAM -**

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The Transit Directory is listing of public and private transit agencies providing both internal service within the region and service to points outside the region, particularly the Greater Boston Area. Private transportation providers affiliated with the Brockton Area Transit Authority include:

- All Town Taxi Company
- Bill's Taxi Service
- East Coast Transit Service
- Bridgewater State College Transit Service
- VHS Transportation Co., Inc.
- DIAL-A-BAT
- New England Coach
- Transcomm, Inc.
- Old Colony Carriage
- Blooms
- Plymouth and Brockton Street Railway Company

**Thirty-Day Public Review Period**

**June 28, 2006 Legal Advertisements**

**The Patriot Ledger**

**The Brockton Enterprise**

**OLD COLONY  
PLANNING COUNCIL  
NOTICE OF PUBLIC  
COMMENT/REVIEW  
FOR THE DRAFT  
FFY 2007 UNIFIED PLANNING  
WORK PROGRAM**

In accordance with the Public Participation Process developed by the Old Colony Metropolitan Planning Organization (MPO), OCPC is making the Draft FFY 2007 Unified Planning Work Program (UPWP) available for public review. The UPWP provides a description of the overall transportation related planning activities, ongoing and anticipated, in the OCPC region during the forthcoming year. Copies of the UPWP are available for review at the OCPC Offices (8:30 a.m. to 4:00 p.m.), at <http://www.ocpcrpa.org/>, and/or upon request. This notice will initiate a 30-day public review period. Written comments will be accepted up to 4:00 PM on Friday, July 28, 2006. This process will also be used as Brockton Area Transit Authority (BAT's) public participation process. A public meeting of the OCPC and Old Colony MPO advisory committee, the Joint Transportation Committee, will be held if needed. Please contact Charlie Kilmer at 508-583-1833 for further information. Written comments should be sent to:  
Old Colony Planning Council  
70 School Street  
Brockton, MA 02301  
June 28, 2006

**NOTICE OF PUBLIC COMMENT/REVIEW  
FOR THE  
DRAFT FFY 2007 UNIFIED PLANNING WORK PROGRAM**

In accordance with the Public Participation Process developed by the Old Colony Metropolitan Planning Organization (MPO), OCPC is making the Draft FFY 2007 Unified Planning Work Program (UPWP) available for public review. The UPWP provides a description of the overall transportation related planning activities, ongoing and anticipated, in the OCPC region during the forthcoming year. Copies of the UPWP are available for review at the OCPC Offices (8:30 a.m. to 4:00 p.m.), <http://www.ocpcrpa.org/>, and/or upon request. This notice will initiate a 30-day public review period. Written comments will be accepted up to 4:00 PM on Friday, July 28, 2006. This process will also be used as Brockton Area Transit Authority (BAT's) public participation process. A public meeting of the OCPC and Old Colony MPO advisory committee, the Joint Transportation Committee, will be held if needed. Please contact Charlie Kilmer at 508-583-1833 for further information. Written comments should be sent to:

Old Colony Planning Council  
70 School Street  
Brockton, MA 02301  
Attention: Charlie Kilmer

5643560

June 29, 2006

The Brockton Area Transit Authority, the FTA Section 5307(c) applicant, has consulted with the Old Colony Metropolitan Planning Organization and concurs that the public involvement process adopted by the MPO for development of the TIP satisfies the public hearing requirements that pertain to the development of the Program of Projects for the regular Section 5307, Urbanized Area Formula Program, grant applications including the provisions for public notice and the time established for public review and comment.

For FTA projects that are not routine, i.e. Section 5307 applications that require an environmental assessment or an environmental impact statement the public involvement provided for herein for the TIP review is not sufficient. FTA will require additional public involvement, as presented in the joint FHWA/FTA environmental regulations, 23 C.F.R. part 771 for grant approval.

Comments received from the thirty-day public review can be found in the appendix.

#### **4. Transportation Funding Programs**

Federal Funding received from the Safe, Accountable, Flexible, Efficient Transportation Equity Act: A Legacy for Users (SAFETEA-LU) is allocated in different funding programs. TIP funding programs are listed below with a brief description.

##### **Highway Funding Programs**

- **National Highway System (NHS)** consists primarily of existing Interstate routes and portions of the Primary System. Established to focus Federal resources on roads that are the most important to interstate travel and national defense, roads that connect with other modes of transportation, and are essential for international commerce.
- **Surface Transportation Program (STP)** is a block grant type program that may be used for any roads (including NHS) that are not functionally classified as local or rural minor collectors. These roads are collectively referred to as Federal-aid eligible roads.
- **Congestion Mitigation and Air Quality Improvement Program (CMAQ)** directs funds toward transportation projects in Clean Air Act non-attainment areas for ozone and carbon monoxide. OCPC is located in the Boston non-attainment area for ozone.
- **Bridge Replacement and Rehabilitation Program** provides funds for rehabilitation and replacement of any bridge on a public road. Bridges on the federal aid system or off the federal aid system are eligible for these funds.
- **Interstate Maintenance** provides funding for resurfacing; restoration, rehabilitation and reconstruction (4R) work, including added lanes to increase capacity, on most existing Interstate System routes. This discretionary program was first established by the Surface Transportation Assistance Act of 1982, where funding was derived from lapsed I-4R apportionments, and was known as the I-4R Discretionary Program.
- **Non-Federal Aid (NFA)** this category provides state funds for projects that due to federal fiscal constraint would not be able to receive federal funding. Projects under this category are listed for informational purposes only.

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**Transit Funding Programs**

- **49 U.S.C. Section 5309** is a capital program and provides capital assistance for Brockton Area Transit Authority (BAT).
- **49 U.S.C. Section 5307** is an urbanized area formula program and provides operating assistance and capital assistance for Brockton Area Transit Authority (BAT). Capital assistance may be used for, but not limited to the purchase of supplies, vans, and underground storage tanks.
- **49 U.S.C. Section 5310** is the Elderly and Persons with Disabilities Program and provides capital assistance to private non-profit service carriers.
- **49 U.S.C. Section 5311** program provides funding for public transportation in non-urbanized areas.
- **Mobility Assistance Program (MAP)** is a state funded program similar to 5310, but provides capital assistance to public non-profit service carriers.

**B. Highway Project Listings by Community**

**1. Project List**

City/Town	Project Description	ID
Abington	3 R on Linwood ST (Access to State Land Acc. #6033-8868)	602577
Abington	RT 139 Reconstruction ( Weymouth TL to Rockland TL)	602576
Abington	RT 18 Reconstruction from RT 139 to Highland PL (Listed in Boston MPO TIP)	601630
Abington/Whitman	RT Capacity Enhancement from RT 139 to RT 14	Pre-PRC
Avon	Install Signals at RT 28 (East Main ST) at East/West Spring ST	Pre-PRC
Avon	W Main ST Reconstruction (Harrison BLVD to RT 28	Pre-PRC
Bridgewater	RT 18 - Broad ST @ High ST Signal Installation	603660
Bridgewater	Intermodal Transportation Pathway Network	Pre-PRC
Bridgewater	Oak ST Bridge over Town River	53430
Bridgewater	Replace Auburn ST Bridge @ Taunton River	601278
Bridgewater	RT 18/28 - Bedford ST from BW Center to Middleboro TL	601104
Bridgewater	Install signals at South ST@ RT 104	Pre-PRC
Bridgewater	Reconstruction North ST (Pleasant to Birch)	Pre-PRC
Bridgewater	Signal Upgrade (RT 28 @ High/ Center ST)	Pre-PRC
Brockton	Design and construct downtown roadway and streetscape improvements	
Brockton	RT 27, Pleasant, West and Westgate DR roadway realignment and related improvements	604431
Brockton	Bartlett ST Bridge replacement (B-25-060)	601393
Brockton	RT 27/ Belair/ Moraine Signal and Geometry Upgrade	604740
Brockton	RT 28/Main/Keith AV Signal Upgrade	602233
Brockton	RT 27 - Pleasant St Rehabilitation/Resurface and related (Pleasant - West to Main)	600365
Brockton	Winter ST - Howard ST to North Cary ST	601347
Brockton	RT 123 (Belmont ST) @ V.A.. Hospital Traffic Signal Update	602606
Brockton	West Elm ST - Warren to West	601644
Brockton	Court ST - Main to North Cary	601342
Brockton	Field ST - Montello to Winter	601639
Brockton	Forest AV - Warren to Belmont	601344
Brockton	Intersection improvements - 2 locations West Elm @ Ash ST and Lawrence @ Montello ST	600003

**- OLD COLONY MPO TRANSPORTATION IMPROVEMENT PROGRAM -**

Brockton	ITS revenue collection equipment	Pre-PRC
Brockton	Longwood - West Chestnut to Menlo ST	601646
Brockton	Lyman ST - Crescent to Center	601647
Brockton	Perkins AV - Summer to Main	601642
Brockton	Quincy/ ST Resurfacing and related work (Centre to East Ashland)	601645
Brockton	RT 123 Centre ST - Montello to Cary	601346
Brockton	RT 123 over RT 24 Bridge Betterment	604747
Brockton	Torrey ST - Pearl to Easton TL	601643
Brockton	White AV Bridge replacement (B-25-032)	604419
Brockton	Widen RT 123 from West St to Easton TL (includes signal at Linwood ST)	180510
Brockton	BCAT Downtown Brockton Circulation Project	603675 & 603676
Brockton	Intersection Improvement Main ST at Forest Avenue	Pre-PRC
Brockton	Pedestrian/ Bikeway connections to the Intermodal Transportation Centre	Pre-PRC
Brockton	Reconstruction of N Main ST from Prospect ST to Court ST	Pre-PRC
Brockton	Reconstruction of RT 28 from East Ashland ST to Plain ST	Pre-PRC
Brockton	Resurfacing/Reconstruction of Main ST from White AV to Hayward AV	Pre-PRC
East Bridgewater	Washington - WH TL to Central & Oak - Washington to Hanson TL	601414 & 601415
East Bridgewater	RT 106 Reconstruction Whitman ST to Halifax TL	Pre-PRC
Easton	RT 106 (Foundry St) from Morse RD to West Bridgewater TL	601333
Easton	RT 123 - Norton TL to 106 Foundry Including Signalization	601332
Easton	RT 123 - Depot ST - Foxridge RD to RT 138	601337
Easton	RT 138 at Turnpike ST Intersection improvements and geometrics	604098
Easton	Foundry @ Eastman Reconstruction	Pre-PRC
Easton	Resurfacing Central ST - From Washington to Depot	Pre-PRC
Easton	RT 106 - Eastman ST, Mansfield TL to RT 123	Pre-PRC
Easton	RT 106 - Foundry ST, Bay RD to Morse RD	Pre-PRC
Easton	RT 106 - Foundry ST, Eastman ST to Bay RD	Pre-PRC
Easton	RT106/123 - 5 Corners Intersection Improvements/signalization update (Foundry @ Bay)	Pre-PRC
Halifax	RT 106 Reconstruction (RT 105 to BW TL)	Pre-PRC
Halifax	RT 58 Reconstruction (RT 106 to Hanson TL)	Pre-PRC
Hanson	Resurfacing Elm ST	Pre-PRC
Hanson	Resurfacing Spring ST	Pre-PRC
Hanson	Resurfacing West Washington St	Pre-PRC
Kingston	RT 27 - Pembroke ST Resurface/Reconstruction	600413
Kingston	RT 3A @ RT 53 Intersection Update and geometrics at Kingsbury Plaza	600865
Kingston	Howlands Lane Bridge over MBTA	602337
Kingston	Intersection reconstruction and geometric RT 3A and Green ST	602858
Kingston	Replace Elm ST Bridge over Jones River (K-01-002)	24090
Kingston	RT 106 (Main Street) Reconstruction	601164
Kingston	RT 53 - Duxbury TL to RT 3A & RT 3A - Duxbury TL to Plymouth TL	114908
Kingston	Smith Lane Extension to RT 3A	601397
Kingston	Resurfacing on RT 80	Pre-PRC
Pembroke	Signalization of Route 53 at Pleasant ST	Pre-PRC
Pembroke	Reconstruction of RT 14 (part II of 600381)	600381
Pembroke	Reconstruction of RT 27 (part II of 600382)	600382
Pembroke	Resurfacing and related work on RT 36 from RT 27 to RT 14	600380
Pembroke	Herring Brook Valley Boardwalk (Enhancement)	604284
Plymouth	RT 44 - Samoset ST Resurface/Recon from RT 3 to Water ST	600426
Plymouth	Signal/ Roundabout RT 3A @ Manomet Point RD/ Strand AVE	603468
Plymouth	Taylor Ave Reconstruction	604596
Plymouth	RT 3 Resurfacing and related work	604223

**- OLD COLONY MPO TRANSPORTATION IMPROVEMENT PROGRAM -**

Plymouth	Bike Lane and Sidewalk Improvements	Pre-PRC
Plymouth	Long Pond Road Reconstruction (Drew RD to Clark RD)	Pre-PRC
Plymouth	Signalization Carver RD/Summer St/Federal Furnace/Sleepy Hollow RD	Pre-PRC
Plymouth	Signalization RT 3A at South ST	Pre-PRC
Plymouth	Town Pier Boardwalk (Nelson to Burial Hill)	Pre-PRC
Plymouth	Water ST Reconstruction (RT 3A to Nelson ST	Pre-PRC
Plymouth	Brewster ST Rail Car Project	Pre-PRC
Plymouth	Jenny Grist Mill/ Billington Sea Walkway	Pre-PRC
Plymouth	Signalization of RT 3A Main ST @ Water ST	Pre-PRC
Plymouth	Town Wharf Pedestrian and Roadway Improvements	Pre-PRC
Plymouth	Intermodal Transportation Center	Pre-PRC
Plymouth	Signalization Samoset ST @ Marc DR/ Mobile Home Estates	Pre-PRC
Plymouth	Nelson ST to Stevens Field Pedestrian Connection	Pre-PRC
Stoughton	Reconstruction, RT 138 Station 45+00 to Station 61+33.51 (.5KM)	602717
Stoughton	Resurface RT138 - Canton TL to Thomas ST	601109
Stoughton	Train Station Stabilization (Enhancement)	Pre-PRC
Stoughton	Intersection Improvements Canton (RT 27)/Tosca/Central	Pre-PRC
Stoughton	Resurfacing on Turnpike and Central STS	Pre-PRC
Stoughton	RT 27 & School ST Signalization	Pre-PRC
Stoughton	Stoughton Square Resurfacing/Improvements	Pre-PRC
West Bridgewater	RT 28 @ RT 106 Traffic Signal update and geometrics	603457
West Bridgewater	Reconstruct RT 106 from Easton TL to East Bridgewater TL	603456
West Bridgewater	Bridge Rehabilitation Arch ST	Pre-PRC
West Bridgewater	Bridge Rehabilitation Belmont ST	Pre-PRC
West Bridgewater	Bridge Rehabilitation West ST	Pre-PRC
West Bridgewater	Resurfacing on South ST	Pre-PRC
West Bridgewater	Signalization of RT 106 @ Howard ST	Pre-PRC
West Bridgewater	Signalization of RT 28 @ Matfield ST	Pre-PRC
West Bridgewater	Signalization RT 106 @ East Street	Pre-PRC
Whitman	RT 18 Cold Planing and Resurfacing	604160
Whitman	Resurfacing South AV	Pre-PRC

\* This is a listing of projects for the OCPC region that are anticipated to be implemented during the five-year period of this TIP. This is NOT a prioritized list of projects for funding, nor does it include project proposals. This is an informational list of needed projects regardless of funding sources.


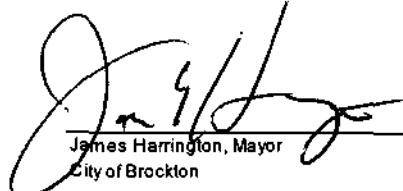


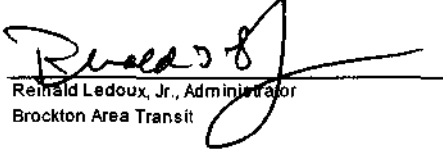
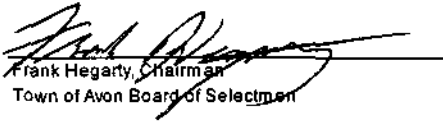

**C. TIP - Federal Requirements**

**1. Endorsement of the FFY 2007 – 2010 Transportation Improvement Program and Air Quality Conformity Determination**

Whereas the 1990 Clean Air Act Amendments (CAAA) require Metropolitan Planning Organizations within ozone non-attainment areas to perform air quality conformity determinations prior to the approval of transportation plans and transportation improvement programs, and at such other times as required by regulation, the Old Colony Metropolitan Planning Organization, in accordance with 23 CFR Part 450 Sections 322 and 324 of the October 28, 1993 Final Rules for Statewide and Metropolitan Planning, hereby endorses the Regional Transportation Plan (RTP) and the 2007-2010 Transportation Improvement Program (TIP).

Specifically, the Old Colony Metropolitan Planning Organization has completed its review accordance with Section 176(c) (4) of the Clean Air Act as amended in 1990 [42 U.S.C. 7251 (a)], and hereby certifies that implementation of the Old Colony 2003 Regional Transportation Plan and the Old Colony 2007-2010 Transportation Improvement Program satisfy the conformity criteria specified in both 40 CFR Part 51 and 93 (8/15/1997) and 310 CMR 60.03 (12/30/1994). This conformity determination is based on the air quality documentation contained in the RTP and TIP, together with the supplemental document "Air Quality Conformity Determination for the Old Colony Metropolitan Planning Organization, May 2005." The RTP continues to include all regionally significant, non-exempt projects as contained in the previously endorsed Plan, while the TIP reflects these same projects and does not add, delete nor reprogram any such projects across analysis years. Based on the results of the latest conformity analyses, both the Old Colony 2003 Regional Transportation Plan and the Old Colony 2007-2010 Transportation Improvement Program continue to be consistent with the air quality goals of, and in conformity with, the Massachusetts State Implementation Plan.

**Signatory Certification:**

	<u>8/10/06</u> Date		<u>8/10/06</u> Date
John Cogliano, Secretary Executive Office of Transportation		James Harrington, Mayor City of Brockton	
	<u>8/10/06</u> Date		_____ Date
Luisa Palewonsky, Commissioner Massachusetts Highway Department		for Richard Quintal, Chairman Town of Plymouth Board of Selectmen	
	<u>8-10-06</u> Date		<u>8/10/07</u> Date
Reinald Ledoux, Jr., Administrator Brockton Area Transit		Frank Hegarty, Chairman Town of Avon Board of Selectmen	
	<u>8-10-06</u> Date	_____ Date	
Robert Overholzer, President Old Colony Planning Council		Kathleen Lavin, Chairman Town of Abington Board of Selectmen	

**2. Certification of the 3C Process**

This will certify that the Comprehensive, Continuing, Cooperative Transportation Planning Process for fiscal year 2007 in the Old Colony Metropolitan Planning Organization is addressing major issues facing the region and is being conducted in accordance with requirements of:

1. 49 U.S.C. Section 5323 (k), 23 U.S.C. 135, and 23 CFR. Part 450.220;
2. Title VI of the Civil Rights Act of 1964 and the Title VI assurance executed by each State under 23 U.S.C. 324 and 29 U.S.C. 794;
3. Section 1101 (b) of the Transportation Equity Act of the 21<sup>st</sup> Century (Pub. L. 105-178) regards the involvement of disadvantaged business enterprises (DBE) in FHWA and FTA funded projects (Section 105 (f), Pub. L. 97-424; 96 Stat. 2100, 49 CFR Part 23);
4. The provisions of the American with Disabilities Act of 1990 (Pub. L. 101-336, 104 Stat. 327, as amended) and U.S. DOT regulations;
5. The provision of 49 CFR part 20 regarding restrictions on influencing certain activities; and
6. Sections 174 and 176 (c) and (d) of the Clean Air Act (42 U.S.C. 7504, 7506 (c) and (d));

The currently endorsed Unified Planning Work Program, Regional Transportation Plan, and Transportation Improvement Program, together with any amendments, were developed in accordance with FHWA/FTA regulations governing the implementation of the Safe, Accountable, Flexible, Efficient Transportation Equity Act: A Legacy for Users (SAFETEA-LU) and EPA regulations governing the implementation of the Clean Air Act Amendments of 1990, and fully incorporate the applicable requirements of the 1964 Civil Rights Act and the Americans with Disabilities Act of 1990. From a certification review conducted in 2006, the FHWA and FTA have determined that the transportation planning process of the MPO substantially meets the requirements of the Metropolitan Planning Rule 23 CFR Part 450 Subpart C and 49 CFR Part 613. In addition, FHWA and FTA have jointly certified the transportation planning process.

**3. Amendment / Adjustment Procedures & Substitutions**

Transportation Improvement Programs, no matter how well planned may need to be changed from their original MPO endorsed form. There are different actions that may be taken in order to change the endorsed TIP. These actions vary, depending on the extent of the change, and have different impacts on the TIP.

The procedures for changing the TIP are:

**TIP Amendment**

A TIP Amendment is the most extensive change procedure that a TIP may be required to go through. A TIP amendment requires the proposed changes to 'go out' for a thirty-day public review period and be formally endorsed at a MPO meeting by the MPO if no significant comments are received.

The following triggers TIP Amendments;

- Significant funding changes in a project
- A project not programmed on the TIP is requested to be put on the TIP. (Moving a project back from the previous TIP to the current TIP is an exception – see below)

**TIP Adjustment**

A TIP Adjustment is basically a minor Amendment. The Adjustment procedure requires an administrative action (the change), Joint Transportation Committee advice and MPO signatory notification of the change.

The following triggers TIP Adjustments;

- A project currently on the TIP is moved into the active year element (FFY 2007), including Mega projects as long as the TIP remains financially constrained
- A modest funding change
- A project is split into one or more projects
- A project listed in the FFY 2007-2010 TIP, and listed in the 2007 *Remaining Projects* that is not advertised in FFY 2007 is moved into the FFY 2008 - 2011 TIP.

**4. Financial Summary**

<b>Fiscal Year</b>	<b>Federal Target</b>	<b>Federal Programmed</b>
<b>2007</b>	\$ 6,391,645	\$ 6,373,782
<b>2008</b>	\$ 6,474,230	\$ 5,906,367
<b>2009</b>	\$ 6,384,692	\$ 6,409,851
<b>2010</b>	\$ 6,228,698	\$ 6,180,000

**Transit Projects**

<b>Fiscal Year</b>	<b>Federal Apportionment</b>	<b>Federal Programmed*</b>
<b>2007</b>	---	\$ 5,192,843
<b>2008</b>	---	\$ 3,640,644
<b>2009</b>	---	\$ 11,671,255
<b>2010</b>	---	\$ 3,798,781

The Old Colony MPO Transportation Improvement Program is financially constrained for FFY 2007 and FFY 2008 according to the definition in the Federal Register 23 CFR Part 450.324. The projects programmed for this region meet the funding estimates of federal and state funds available in each of these fiscal years. These estimates were provided by the state and refined as part of the State Transportation Improvement Program (STIP) development process.

The financial plan contained herein is financially constrained, and indicates that the Old Colony MPO Transportation Improvement Program reflects the highway program emphasis on the maintenance and operation of the current roadway and bridge system with the ability to provide for additional capital improvements.

Only projects for which funds can be expected have been included.

**- OLD COLONY MPO TRANSPORTATION IMPROVEMENT PROGRAM -**

**5. Summary of Funding Categories (2007-2009)**

<b>Funding Category</b>	<b>FFY 2007</b>	<b>FFY 2008</b>	<b>FFY 2009</b>	<b>Total 2007-2009</b>
BRIDGE	\$ -	\$ 411,000	\$ -	\$ 411,000
CMAQ	\$ 1,080,000	\$ 640,000	\$ 800,000	\$ 2,520,000
NHS	\$ -	\$ -	\$ -	\$ -
STP	\$ 4,019,026	\$ 4,085,094	\$ 4,327,881	\$ 12,432,000
STP/Saf	\$ -	\$ -	\$ -	\$ -
STP/Enh	\$ 100,000		\$ -	\$ 100,000
'Mega' Projects	\$ -	\$ -	\$ -	\$ -
<b>Subtotal FHWA</b>	<b>\$ 5,199,026</b>	<b>\$ 5,136,094</b>	<b>\$ 5,127,881</b>	<b>\$ 15,463,000</b>
Sec. 5307 Oper/Maint.	\$ 2,000,000	\$ 2,050,000	\$ 2,150,000	\$ 6,200,000
Sec. 5307 Capital	\$500,000	\$640,000	\$640,000	\$ 1,780,000
Sec. 5309	\$1,319,879	\$300,960	\$8,263,921	\$ 9,884,760
Sec. 5310	\$200,000	\$200,000	\$160,000	\$ 560,000
Sec. 5311	\$ -	\$200,000	\$200,000	\$ 400,000
JARC	\$197,949	\$199,346	\$230,814	\$ 628,109
Other Priority Projects*	\$ -	\$ -	\$ -	\$ -
<b>Subtotal FTA</b>	<b>\$ 4,217,828</b>	<b>\$ 3,590,306</b>	<b>\$ 11,644,735</b>	<b>\$ 19,452,869</b>
<b>Grand Total</b>	<b>\$ 9,416,854</b>	<b>\$ 8,726,400</b>	<b>\$ 16,772,616</b>	<b>\$ 34,915,869</b>

**6. Operating vs. Capital Expenditures\***

<b>2007</b>	<b>Highway (Fed.&amp;NFA)</b>	<b>Transit (Fed.&amp;NFA)</b>	<b>Total</b>
<b>Operating</b>	\$ 8,052,682	\$ 13,144,008	\$ 21,196,690
<b>Capital</b>	\$ -	\$ 3,734,849	\$ 3,734,849
<b>Total</b>	\$ 8,052,682	\$ 16,878,857	\$ 24,931,539
<b>Total Percent Operating</b>		<b>85.02%</b>	
<b>Total Percent Capital</b>		<b>14.98%</b>	

<b>2008</b>	<b>Highway</b>	<b>Transit</b>	<b>Total</b>
<b>Operating</b>	\$ 13,361,117	\$ 13,949,208	\$ 27,310,325
<b>Capital</b>	\$ -	\$ 2,026,200	\$ 2,026,200
<b>Total</b>	\$ 13,361,117	\$ 15,975,408	\$ 29,336,525
<b>Total Percent Operating</b>		<b>93.09%</b>	
<b>Total Percent Capital</b>		<b>6.91%</b>	

<b>2009</b>	<b>Highway</b>	<b>Transit</b>	<b>Total</b>
<b>Operating</b>	\$ 8,141,241	\$ 14,539,669	\$ 22,680,910
<b>Capital</b>	\$ -	\$11,929,901	\$ 11,929,901
<b>Total</b>	\$ 8,141,241	\$ 26,469,570	\$ 34,610,811
<b>Total Percent Operating</b>		<b>65.53%</b>	
<b>Total Percent Capital</b>		<b>34.47%</b>	

\*Expenses given INCLUDE NFA & MAP projects as well as Federal-Aid & Mega projects

**- OLD COLONY MPO TRANSPORTATION IMPROVEMENT PROGRAM -**

**Federal Aid TIP: by Year, by Fund with Subtotals**

**7. Highway Project Listing**

FFY 2007: Old Colony Projects				PROGRAMMED		
				Fund Cat	Federal Amount Programmed	Total FFY 2007 Amount
Community	ID	MHD District				
<b>FEDERAL PROJECTS</b>						
<b>1A. Federal Target Projects</b>						
RT 27, Pleasant, West and Westgate Drive Roadway Realignment and related improvements	Brockton	604431	5	STP	\$ 2,320,000	\$ 2,900,000
RT 27 - Pembroke ST Resurface/Reconstruction (AC 1)	Kingston	600413	5	STP	\$ 1,619,026	\$ 2,023,782
Herring Brook Valley Boardwalk (Enhancement)	Pembroke	604284	5	STP-E	\$ 80,000	\$ 100,000
<b>STP Subtotal :</b>					<b>\$ 4,019,026</b>	<b>\$ 5,023,782</b>
					<b>Target =</b>	<b>\$ 5,023,782</b>
RT 27, Pleasant, West and Westgate Drive Roadway Realignment and related improvements	Brockton	604431	5	CMAQ	\$ 400,000	\$ 500,000
RT 27/ Belair/ Moraine Signal and Geometry Upgrade	Brockton	604595	5	CMAQ	\$ 680,000	\$ 850,000
<b>CMAQ Subtotal :</b>					<b>\$ 1,080,000</b>	<b>\$ 1,350,000</b>
					<b>CMAQ Target =</b>	<b>\$ 1,367,863</b>
<b>1A. Subtotal</b>					<b>\$ 5,099,026</b>	<b>\$ 6,373,782</b>
					<b>Total Target =</b>	<b>\$ 6,391,645</b>
<b>1B. Federal Bridge Projects</b>						
<b>Subtotal :</b>					<b>\$ -</b>	<b>\$ -</b>
<b>1C. Federal Non-Target Projects</b>						
RT 27, Pleasant, West and Westgate Drive Roadway Realignment and related improvements (Section 117)	Brockton	604431	5	HPP	\$ 992,000	\$ 992,000
Design and construct downtown roadway and streetscape	Brockton		5	TI	\$ 549,520	\$ 686,900
<b>Subtotal :</b>					<b>\$ 1,541,520</b>	<b>\$ 1,678,900</b>
<b>1D. Mega and State Category Projects</b>						
<b>Subtotal :</b>					<b>\$ -</b>	<b>\$ -</b>
<b>TOTAL FEDERAL PROJECTS</b>					<b>\$ 6,640,546</b>	<b>\$ 8,052,682</b>
Without Mega and State:					<b>\$ 6,640,546</b>	<b>\$ 8,052,682</b>
<b>STATE-FUNDED PROJECTS</b>						
<b>2A. NFA Regional Priority Projects</b>						
<b>Subtotal :</b>					<b>\$ -</b>	<b>\$ -</b>
<b>2B. NFA Bridge Projects</b>						
<b>Subtotal :</b>					<b>\$ -</b>	<b>\$ -</b>
<b>2C. NFA Other Projects</b>						
<b>Subtotal :</b>					<b>\$ -</b>	<b>\$ -</b>
<b>TOTAL NFA PROJECTS</b>					<b>\$ -</b>	<b>\$ -</b>
<b>TOTAL ALL PROJECTS</b>					<b>\$ 6,640,546</b>	<b>\$ 8,052,682</b>

**- OLD COLONY MPO TRANSPORTATION IMPROVEMENT PROGRAM -**

FFY 2008: Old Colony Projects	Community	ID	MHD District	PROGRAMMED		
				Fund Cat	Federal Amount Programmed	Total FFY 2008 Amount
<b>FEDERAL PROJECTS</b>						
<b>1A. Federal Target Projects</b>						
RT 27 - Pembroke ST Resurface/Reconstruction (AC 2)	Kingston	600413	5	STP	\$ 805,094	\$ 1,006,367
RT 123 - Norton TL to RT 106 Foundry	Easton	601332	5	STP	\$ 3,280,000	\$ 4,100,000
<b>STP Subtotal :</b>					<b>\$ 4,085,094</b>	<b>\$ 5,106,367</b>
					<b>Target =</b>	<b>\$ 5,106,367</b>
Signal/ Roundabout RT 3A @ Manomet Point RD/ Strand AVE	Plymouth	603468	5	CMAQ	\$ 320,000	\$ 400,000
RT 18 - Broad ST @ High ST Signal Installation	Bridgewater	603660	5	CMAQ	\$ 320,000	\$ 400,000
<b>CMAQ Subtotal :</b>					<b>\$ 640,000</b>	<b>\$ 800,000</b>
					<b>CMAQ Target =</b>	<b>\$ 1,367,863</b>
<b>1A. Subtotal</b>					<b>\$ 4,725,094</b>	<b>\$ 5,906,367</b>
					<b>Total Target =</b>	<b>\$ 6,474,230</b>
<b>1B. Federal Bridge Projects</b>						
Bartlett ST Bridge replacement (B-25-060)	Brockton	601393	5	BR	\$ 328,800	\$ 411,000
<b>Subtotal :</b>					<b>\$ 328,800</b>	<b>\$ 411,000</b>
<b>1C. Federal Non-Target Projects</b>						
Design and construct downtown roadway and streetscape improvements	Brockton		5	TI	\$ 435,000	\$ 543,750
<b>Subtotal :</b>					<b>\$ 435,000</b>	<b>\$ 543,750</b>
<b>1D. Mega and State Category Projects</b>						
<b>Subtotal :</b>					<b>\$ -</b>	<b>\$ -</b>
<b>TOTAL FEDERAL PROJECTS</b>					<b>\$ 5,488,894</b>	<b>\$ 6,861,117</b>
Without Mega and State:					<b>\$ 5,488,894</b>	<b>\$ 6,861,117</b>
<b>STATE-FUNDED PROJECTS</b>						
<b>2A. NFA Regional Priority Projects</b>						
<b>Subtotal :</b>					<b>\$ -</b>	<b>\$ -</b>
<b>2B. NFA Bridge Projects</b>						
<b>Subtotal :</b>					<b>\$ -</b>	<b>\$ -</b>
<b>2C. NFA Other Projects</b>						
<b>Subtotal :</b>					<b>\$ -</b>	<b>\$ -</b>
<b>TOTAL NFA PROJECTS</b>					<b>\$ -</b>	<b>\$ -</b>
<b>TOTAL ALL PROJECTS</b>					<b>\$ 5,488,894</b>	<b>\$ 6,861,117</b>

**- OLD COLONY MPO TRANSPORTATION IMPROVEMENT PROGRAM -**

FFY 2009: Old Colony Projects				PROGRAMMED		
				Fund Cat	Federal Amount Programmed	Total FFY 2009 Amount
<b>FEDERAL PROJECTS</b>						
<b>1A. Federal Target Projects</b>						
RT 27 - Pembroke ST Resurface/Reconstruction (AC 3)	Kingston	600413	5	STP	\$ 4,327,881	\$ 5,409,851
<b>STP Subtotal :</b>					<b>\$ 4,327,881</b>	<b>\$ 5,409,851</b>
					<b>Target =</b>	<b>\$ 5,016,829</b>
RT 28 @ RT 106 Traffic Signal update and geometrics	West Bridgewater	603457	5	CMAQ	\$ 800,000	\$ 1,000,000
<b>CMAQ Subtotal :</b>					<b>\$ 800,000</b>	<b>\$ 1,000,000</b>
					<b>CMAQ Target =</b>	<b>\$ 1,367,863</b>
<b>1A. Subtotal</b>					<b>\$ 5,127,881</b>	<b>\$ 6,409,851</b>
					<b>Total Target =</b>	<b>\$ 6,384,692</b>
<b>1B. Federal Bridge Projects</b>						
<b>Subtotal :</b>					<b>\$ -</b>	<b>\$ -</b>
<b>1C. Federal Non-Target Projects</b>						
RT 28 @ RT 106 Traffic Signal update and geometrics	West Bridgewater	603457	5	HPP-117	\$ 1,037,112	\$ 1,296,390
Design and construct downtown roadway and streetscape improvements	Brockton		5	TI	\$ 348,000	\$ 435,000
<b>Subtotal :</b>					<b>\$ 1,385,112</b>	<b>\$ 1,731,390</b>
<b>1D. Mega and State Category Projects</b>						
<b>Subtotal :</b>					<b>\$ -</b>	<b>\$ -</b>
<b>TOTAL FEDERAL PROJECTS</b>					<b>\$ 6,512,993</b>	<b>\$ 8,141,241</b>
Without Mega and State:					<b>\$ 6,512,993</b>	<b>\$ 8,141,241</b>
<b>STATE-FUNDED PROJECTS</b>						
<b>2A. NFA Regional Priority Projects</b>						
<b>Subtotal :</b>					<b>\$ -</b>	<b>\$ -</b>
<b>2B. NFA Bridge Projects</b>						
<b>Subtotal :</b>					<b>\$ -</b>	<b>\$ -</b>
<b>2C. NFA Other Projects</b>						
<b>Subtotal :</b>					<b>\$ -</b>	<b>\$ -</b>
<b>TOTAL NFA PROJECTS</b>					<b>\$ -</b>	<b>\$ -</b>
<b>TOTAL ALL PROJECTS</b>					<b>\$ 6,512,993</b>	<b>\$ 8,141,241</b>

**- OLD COLONY MPO TRANSPORTATION IMPROVEMENT PROGRAM -**

FFY 2010: Old Colony Projects	Community	ID	MHD District	PROGRAMMED		
				Fund Cat	Federal Amount Programmed	Total FFY 2010 Amount
<b>FEDERAL PROJECTS</b>						
<b>1A. Federal Target Projects</b>						
RT 27 - Pleasant St Rehabilitation/Resurface and related (Pleasant - West to Main)	Brockton	600365	5	STP	\$ 2,025,710	\$ 2,532,137
Winter ST - Howard ST to North Cary ST	Brockton	601347	5	STP	\$ 1,824,000	\$ 2,280,000
<b>STP Subtotal :</b>					<b>\$ 3,849,710</b>	<b>\$ 4,812,137</b>
					<b>Target = \$</b>	<b>4,860,835</b>
RT 123 (Belmont ST) @ V.A. Hospital Traffic Signal Update	Brockton	602606	5	STP	\$ 320,000	\$ 400,000
RT 27 - Pleasant St Rehabilitation/Resurface and related (Pleasant - West to Main)	Brockton	600365	5	CMAQ	\$ 454,290	\$ 567,863
RT 3A @ RT 53 Intersection Update and geometrics at Kingsbury Plaza	Kingston	600865	5	CMAQ	\$ 320,000	\$ 400,000
<b>CMAQ Subtotal :</b>					<b>\$ 1,094,290</b>	<b>\$ 1,367,863</b>
					<b>CMAQ Target = \$</b>	<b>1,367,863</b>
<b>1A. Subtotal</b>					<b>\$ 4,944,000</b>	<b>\$ 6,180,000</b>
					<b>Total Target = \$</b>	<b>6,228,698</b>
<b>1B. Federal Bridge Projects</b>						
<b>Subtotal :</b>					\$ -	\$ -
<b>1C. Federal Non-Target Projects</b>						
<b>Subtotal :</b>					\$ -	\$ -
<b>1D. Mega and State Category Projects</b>						
<b>Subtotal :</b>					\$ -	\$ -
<b>TOTAL FEDERAL PROJECTS</b>					<b>\$ 4,944,000</b>	<b>\$ 6,180,000</b>
Without Mega and State:					<b>\$ 4,944,000</b>	<b>\$ 6,180,000</b>
<b>STATE-FUNDED PROJECTS</b>						
<b>2A. NFA Regional Priority Projects</b>						
<b>Subtotal :</b>					\$ -	\$ -
<b>2B. NFA Bridge Projects</b>						
White AV Bridge replacement (B-25-032)	Brockton	604419	5	State	\$	500,000
<b>Subtotal :</b>					\$ -	\$ 500,000
<b>2C. NFA Other Projects</b>						
<b>Subtotal :</b>					\$ -	\$ -
<b>TOTAL NFA PROJECTS</b>					<b>\$ -</b>	<b>\$ 500,000</b>
<b>TOTAL ALL PROJECTS</b>					<b>\$ 4,944,000</b>	<b>\$ 6,680,000</b>

**- OLD COLONY MPO TRANSPORTATION IMPROVEMENT PROGRAM -**

**8. Transit Project Listing**

<b>FFY 2007:</b>			<b>FFY 2007 Transit Project List</b>		
<b>Agency</b>	<b>Project</b>	<b>Description</b>	<b>Funding Category</b>	<b>Federal Amount</b>	<b>Total Amount</b>
BAT	Operation	Operating Assistance, Preventive Maintenance, ADA, and Planning	5307	\$2,000,000	\$12,700,000
BAT	Capital Assistance	Parts/Engines, Support Equipment, Support Vehicle, ITC improvements, Passenger amenities	5307	\$500,000	\$625,000
			<b>Subtotal</b>	<b>\$2,500,000</b>	<b>\$13,325,000</b>
BAT	Capital Assistance	Bus Replacement (Approx 5) Fixed Route and related parts (SAFETEA-LU)	5309	\$1,319,879	\$1,649,849
BAT	Capital Assistance	Bus Replacement Fixed Route and related parts (SAFETEA-LU)	5309	\$300,960	\$376,200
			<b>Subtotal</b>	<b>\$1,620,839</b>	<b>\$2,026,049</b>
BAT	Operating Assistance	Job Access and reverse commute (JARC) (extension of existing service)	3037	\$170,000	\$340,000
BAT	Operating Assistance	Job Access and reverse commute (JARC) (extension of existing service)	5316	\$27,949	\$55,898
			<b>Subtotal</b>	<b>\$197,949</b>	<b>\$395,898</b>
BAT	Operating Assistance	New Freedom Capital and Operating Assistance	5317	\$24,055	\$48,110
			<b>Subtotal</b>	<b>\$24,055</b>	<b>\$48,110</b>
BAT	New passenger mini-buses	Purchase of 7 minibuses for BAT system preservation	MAP	\$0	\$400,000
			<b>Subtotal</b>	<b>\$0</b>	<b>\$400,000</b>
SSCAC	New passenger mini-buses	Purchase of 4 (8-11) passenger lift equipped maxivans	5310	\$200,000	\$250,000
			<b>Subtotal</b>	<b>\$200,000</b>	<b>\$250,000</b>
BAT	*Capital Assistance	Carry over - bus support equipment, preventative maintenance, planning, bus replacements, miscellaneous support equipment, and operating assistance	5307	\$600,000	\$750,000
	*Capital Assistance	ITC Remediation	5307	\$50,000	\$60,000
			<b>Subtotal</b>	<b>\$650,000</b>	<b>\$810,000</b>
			<b>FFY 2007 TRANSIT PROJECT TOTAL</b>	<b>\$5,192,843</b>	<b>\$17,255,057</b>

**- OLD COLONY MPO TRANSPORTATION IMPROVEMENT PROGRAM -**

<b>FFY 2008:</b>			<b>FFY 2008 Transit Project List</b>		
<b>Agency</b>	<b>Project</b>	<b>Description</b>	<b>Funding Category</b>	<b>Federal Amount</b>	<b>Total Amount</b>
BAT	Operation	Operating Assistance, Preventive Maintenance, ADA, and Planning	5307	\$2,050,000	\$13,100,000
BAT	Capital Assistance	Parts/Engines, Support Equipment, Support Vehicle, paving, concrete, ITC Improvements, Passenger amenities	5307	\$640,000	\$800,000
			<b>Subtotal</b>	<b>\$2,690,000</b>	<b>\$13,900,000</b>
BAT	Capital Assistance	Bus Replacement Fixed Route and related parts (SAFETEA-LU)	5309	\$326,040	\$407,550
			<b>Subtotal</b>	<b>\$326,040</b>	<b>\$407,550</b>
BAT	Operating Assistance	Job Access and reverse commute (JARC) (extension of existing service)	3037	\$170,000	\$340,000
BAT	Operating Assistance	Job Access and reverse commute (JARC) (extension of existing service)	5316	\$29,346	\$58,693
			<b>Subtotal</b>	<b>\$199,346</b>	<b>\$398,693</b>
BAT	Operating Assistance	New Freedom Capital and Operating Assistance	5317	\$25,258	\$50,516
			<b>Subtotal</b>	<b>\$25,258</b>	<b>\$50,516</b>
SSCAC	New passenger mini-buses	Purchase of 4 (8-11) passenger lift equipped maxivans	5310	\$200,000	\$250,000
			<b>Subtotal</b>	<b>\$200,000</b>	<b>\$250,000</b>
BAT	Operation	South Shore Community Transit Implementation	5311	\$200,000	\$400,000
			<b>Subtotal</b>	<b>\$200,000</b>	<b>\$400,000</b>
BAT	New passenger mini-buses	Purchase of 7 minibuses for BAT system preservation	MAP	\$0	\$400,000
OCP Region	New passenger mini-bus	Purchase of lift equipped passenger mini-bus	MAP	\$0	\$200,000
			<b>Subtotal</b>	<b>\$0</b>	<b>\$600,000</b>
			<b>FFY 2008 TRANSIT PROJECT TOTAL</b>	<b>\$3,640,644</b>	<b>\$16,006,758</b>

**- OLD COLONY MPO TRANSPORTATION IMPROVEMENT PROGRAM -**

<b>FFY 2009:</b>			<b>FFY 2009 Transit Project List</b>		
<b>Agency</b>	<b>Project</b>	<b>Description</b>	<b>Funding Category</b>	<b>Federal Amount</b>	<b>Total Amount</b>
BAT	Operation	Operating Assistance, Preventive Maintenance, ADA, and Planning	5307	\$2,150,000	\$13,625,000
BAT	Capital Assistance	Parts/Engines, Support Equipment, Support Vehicle, paving, concrete, ITC improvements, Passenger amenities	5307	\$640,000	\$800,000
			<b>Subtotal</b>	<b>\$2,790,000</b>	<b>\$14,425,000</b>
BAT	Capital Assistance	Bus Replacement (24) Fixed Route and related parts	5309	\$5,765,341	\$7,206,676
BAT	Capital Assistance	Bus Replacement Fixed Route and related parts (SAFETEA-LU)	5309	\$338,580	\$423,225
BAT	Capital Assistance	Solar Power/Intermodal Centre	5309	\$240,000	\$300,000
BAT	Capital Assistance	AVL/ MIS for DIAL-A-BAT	5309	\$960,000	\$1,200,000
BAT	Capital Assistance	ITS Revenue Collection Equipment	5309	\$960,000	\$1,200,000
			<b>Subtotal</b>	<b>\$8,263,921</b>	<b>\$10,329,901</b>
BAT	Operating Assistance	Job Access and reverse commute (JARC) (extension of existing service)	3037	\$200,000	\$400,000
BAT	Operating Assistance	Job Access and reverse commute (JARC) (extension of existing service)	5316	\$30,814	\$61,628
			<b>Subtotal</b>	<b>\$230,814</b>	<b>\$461,628</b>
BAT	Operating Assistance	New Freedom Capital and Operating Assistance	5317	\$26,521	\$53,041
			<b>Subtotal</b>	<b>\$26,521</b>	<b>\$53,041</b>
BAT	Operation	South Shore Community Transit Operation	5311	\$200,000	\$400,000
			<b>Subtotal</b>	<b>\$200,000</b>	<b>\$400,000</b>
OCPC Region	New Passenger mini-buses	Purchase of lift equipped passenger mini-buses	5310	\$160,000	\$200,000
			<b>Subtotal</b>	<b>\$160,000</b>	<b>\$200,000</b>
BAT	New passenger mini-buses	Purchase of 7 minibuses for BAT system preservation	MAP	\$0	\$400,000
OCPC Region	New passenger mini-bus	Purchase of lift equipped passenger mini-bus	MAP	\$0	\$200,000
			<b>Subtotal</b>	<b>\$0</b>	<b>\$600,000</b>
			<b>FFY 2009 TRANSIT PROJECT TOTAL</b>	<b>\$11,671,255</b>	<b>\$26,469,570</b>

**- OLD COLONY MPO TRANSPORTATION IMPROVEMENT PROGRAM -**

<b>FFY 2010:</b>			<b>FFY 2010 Transit Project List</b>		
<b>Agency</b>	<b>Project</b>	<b>Description</b>	<b>Funding Category</b>	<b>Federal Amount</b>	<b>Total Amount</b>
BAT	Operation	Operating Assistance, Preventive Maintenance, ADA, and Planning	5307	\$2,400,000	\$14,200,000
BAT	Capital Assistance	Purchase parts, capital equipment, support vehicle, and support equipment, concrete, paving, ITC Improvements, Passenger amenities	5307	\$640,000	\$800,000
			<b>Subtotal</b>	<b>\$3,040,000</b>	<b>\$15,000,000</b>
			<b>Subtotal</b>	<b>\$338,580</b>	<b>\$423,225</b>
BAT	Operating Assistance	Job Access and reverse commute (JARC) (extension of existing service)	5316	\$32,354	\$64,709
			<b>Subtotal</b>	<b>\$32,354</b>	<b>\$64,709</b>
BAT	Operating Assistance	New Freedom Capital and Operating Assistance	5317	\$27,847	\$55,693
			<b>Subtotal</b>	<b>\$27,847</b>	<b>\$55,693</b>
OCPC Region	New passenger mini-buses	Purchase of lift equipped passenger mini-buses	5310	\$160,000	\$200,000
			<b>Subtotal</b>	<b>\$160,000</b>	<b>\$200,000</b>
BAT	Operation	South Shore Community Transit Operation	5311	\$200,000	\$400,000
			<b>Subtotal</b>	<b>\$200,000</b>	<b>\$400,000</b>
BAT	New passenger mini-buses	Purchase of 7 minibuses for BAT system preservation	MAP	\$0	\$400,000
OCPC Region	New passenger mini-bus	Purchase of lift equipped passenger mini-bus	MAP	\$0	\$200,000
			<b>Subtotal</b>	<b>\$0</b>	<b>\$600,000</b>
			<b>FFY 2010 TRANSIT PROJECT TOTAL</b>	<b>\$3,798,781</b>	<b>\$16,743,627</b>

**- OLD COLONY MPO TRANSPORTATION IMPROVEMENT PROGRAM -**

**9. Statewide TIP Project Listing**

<b>FFY 2007:</b>		<b>Federal Cost</b>	<b>Total Cost</b>
Statewide Infrastructure Program (Incl. Noise Barriers)	STP Flex	\$ 6,400,000	\$ 8,000,000
Statewide Safety Program	STP Safety	\$ 7,400,000	\$ 9,250,000
Statewide Safe Routes to School Program		\$ 1,040,000	\$ 1,300,000
Statewide CMAQ	CMAQ	\$ 5,000,000	\$ 6,250,000
Statewide Transportation Enhancements	STP ENH	\$ 400,000	\$ 500,000
Statewide ITS	CMAQ	\$ 5,000,000	\$ 6,250,000
Statewide Design And Right Of Way	STP Flex	\$ 2,400,000	\$ 3,000,000
Statewide Interstate Maintenance Program	IM	\$ 47,700,000	\$ 53,000,000
Statewide Railroad Grade Crossings	STP Safety	\$ 400,000	\$ 500,000
Statewide Bridge Replacement and Rehabilitation	BR On/Off	\$ 93,186,662	\$116,483,328
Statewide Bridge Preservation Program	BR On/Off	\$ 8,000,000	\$ 10,000,000
Statewide Bridge Inspection	BR On/Off	\$ 4,400,000	\$ 5,500,000
		<b>\$ 181,326,662</b>	<b>\$220,033,328</b>

<b>FFY 2008:</b>		<b>Federal Cost</b>	<b>Total Cost</b>
Statewide Infrastructure Program (Incl. Noise Barriers)	STP Flex	\$ 6,400,000	\$ 8,000,000
Statewide Safety Program	STP Safety	\$ 7,400,000	\$ 9,250,000
Statewide Safe Routes to School Program		\$ 1,040,000	\$ 1,300,000
Statewide CMAQ	CMAQ	\$ 5,000,000	\$ 6,250,000
Statewide Transportation Enhancements	STP ENH	\$ 400,000	\$ 500,000
Statewide ITS	CMAQ	\$ 5,000,000	\$ 6,250,000
Statewide Design And Right Of Way	STP Flex	\$ 2,400,000	\$ 3,000,000
Statewide Interstate Maintenance Program	IM	\$ 48,600,000	\$ 54,000,000
Statewide Railroad Grade Crossings	STP Safety	\$ 400,000	\$ 500,000
Statewide Bridge Replacement and Rehabilitation	BR On/Off	\$ 93,186,662	\$116,483,326
Statewide Bridge Preservation Program	BR On/Off	\$ 8,000,000	\$ 10,000,000
Statewide Bridge Inspection	BR On/Off	\$ 4,400,000	\$ 5,500,000
		<b>\$ 182,226,662</b>	<b>\$221,033,326</b>

<b>FFY 2009:</b>		<b>Federal Cost</b>	<b>Total Cost</b>
Statewide Infrastructure Program (Incl. Noise Barriers)	STP Flex	\$ 6,400,000	\$ 8,000,000
Statewide Safety Program	STP Safety	\$ 7,400,000	\$ 9,250,000
Statewide Safe Routes to School Program		\$ 1,040,000	\$ 1,300,000
Statewide CMAQ	CMAQ	\$ 5,000,000	\$ 6,250,000
Statewide Transportation Enhancements	STP ENH	\$ 400,000	\$ 500,000
Statewide ITS	CMAQ	\$ 5,000,000	\$ 6,250,000
Statewide Design And Right Of Way	STP Flex	\$ 2,400,000	\$ 3,000,000
Statewide Interstate Maintenance Program	IM	\$ 48,825,000	\$ 54,250,000

**- OLD COLONY MPO TRANSPORTATION IMPROVEMENT PROGRAM -**

Statewide Railroad Grade Crossings	STP Safety	\$ 400,000	\$ 500,000
Statewide Bridge Replacement and Rehabilitation	BR On/Off	\$ 93,186,662	\$116,483,326
Statewide Bridge Preservation Program	BR On/Off	\$ 8,000,000	\$ 10,000,000
Statewide Bridge Inspection	BR On/Off	\$ 4,400,000	\$ 5,500,000
		<b>\$ 182,451,662</b>	<b>\$221,283,326</b>

<b>FFY 2010:</b>		<b>Federal Cost</b>	<b>Total Cost</b>
Statewide Infrastructure Program (Incl. Noise Barriers)	STP Flex	\$ 6,400,000	\$ 8,000,000
Statewide Safety Program	STP Safety	\$ 7,400,000	\$ 9,250,000
Statewide Safe Routes to School Program		\$ 1,040,000	\$ 1,300,000
Statewide CMAQ	CMAQ	\$ 5,000,000	\$ 6,250,000
Statewide Transportation Enhancements	STP ENH	\$ 400,000	\$ 500,000
Statewide ITS	CMAQ	\$ 5,000,000	\$ 6,250,000
Statewide Design And Right Of Way	STP Flex	\$ 2,400,000	\$ 3,000,000
Statewide Interstate Maintenance Program	IM	\$ 50,400,000	\$ 56,000,000
Statewide Railroad Grade Crossings	STP Safety	\$ 400,000	\$ 500,000
Statewide Bridge Replacement and Rehabilitation	BR On/Off	\$ 87,186,662	\$108,983,328
Statewide Bridge Preservation Program	BR On/Off	\$ 8,000,000	\$ 10,000,000
Statewide Bridge Inspection	BR On/Off	\$ 4,400,000	\$ 5,500,000
		<b>\$ 178,026,662</b>	<b>\$215,533,328</b>

**10. Annual Listing of Obligated Projects (FFY 2006 Advertisements)**

<b>ID #</b>	<b>City/Town</b>	<b>Date Advertised</b>	<b>Description</b>	<b>Cost</b>
602836	Easton	10/22/2005	Bridge Replacement Central ST over Queset Brook (BR# E-06-002&E-06-030)	\$ 1,617,990
602337	Plympton		RT 58 from Halifax TL to Carver TL Reconstruction	\$ 4,510,081
600772	Stoughton		BRIDGE PRESERVATION DECK REPLACEMENT, BR# S-28-009, RT 139 OVER RT 24	\$ 4,074,520
130200	West Bridgewater		BRIDGE REPLACEMENT, BR# W-18-003, SOUTH ST OVER TOWN RIVER	\$ 1,000,000
<b>Total Cost of Projects Advertised:</b>				<b>\$ 11,202,591</b>

## **11. Air Quality Conformity Documentation**

### **Introduction**

The Commonwealth of Massachusetts is classified as nonattainment for ozone, and is divided into two nonattainment areas. The Eastern Massachusetts ozone nonattainment area includes Barnstable, Bristol, Dukes, Essex, Middlesex, Nantucket, Norfolk, Plymouth, Suffolk, and Worcester counties. Berkshire, Franklin, Hampden, and Hampshire counties comprise the Western Massachusetts ozone nonattainment area. With this nonattainment classification, the 1990 Clean Air Act Amendments (CAAA) required the Commonwealth to reduce its emissions of volatile organic compounds (VOCs) and nitrogen oxides (NOx), the two major precursors to ozone formation to achieve attainment of the ozone standard.

The CAAA also required Metropolitan Planning Organizations (MPOs) within nonattainment areas to perform conformity determinations prior to the approval of their Regional Transportation Plans (RTPs) and Transportation Improvement Programs (TIPs). The most recent conformity determination occurred on June 15, 2005, when the Federal Highway Administration (FHWA) – in consultation with the Environmental Protection Agency (EPA New England) and the Massachusetts Department Of Environmental Protection (DEP) – confirmed that all 13 of the RTPs for the year 2003 in Massachusetts (and their updates in some cases) were in conformity with the Massachusetts State Implementation Plan (SIP). A brief summary of major conformity milestones in recent years is as follows (more details are provided in the 2003 RTP and related documents):

In September 2002, DEP submitted to EPA a revision to the Massachusetts SIP that included a revised one-hour ozone attainment demonstration for Eastern Massachusetts. This SIP revision included a 2007 mobile source emission budget for the Eastern Massachusetts Ozone Nonattainment Area. EPA found this emission budget adequate for conformity purposes under the one-hour standard in December 2002, and it became effective in January 2003.

In 2003, air quality analyses were conducted on behalf of all the 2003 Regional Transportation Plans (RTPs), the purposes of which were to evaluate the RTPs' air quality impacts on the SIP. Conformity determinations were performed to ensure that all regionally significant projects were included in the RTPs. The Massachusetts Executive Office of Transportation found the emission levels from the 2003 Regional Transportation Plans to be in conformance with the SIP. Each MPO had certified (and continues to certify) that all activities outlined in its Plan and its TIP:

- will not cause or contribute to any new violation of any standard in any area;
- will not increase the frequency or severity of any existing violation of any standard in any area; and,
- Will not delay the timely attainment of any standard or any required interim emission reductions or other milestones in any area.

In 2004, two eight-hour ozone non-attainment area designations for Massachusetts – classified as “moderate” – went into effect on June 15th, and were geographically identical to those of the previous one-hour standard: the Boston-Lawrence-Worcester (Eastern Massachusetts) Area, and the Springfield (Western Massachusetts) Area. Concurrent with those designations, EPA announced that the 1-hour ozone standard would be revoked as of June 15, 2005.

In 2005, updated air quality conformity analyses for the eight-hour ozone standard were performed for the 2003 RTPs and FFY 2005-2009 regional TIPs. This was required to avoid a conformity lapse and a resulting potential delay or loss of federal transportation funding. On June 15, 2005, FHWA – in consultation with EPA New England and DEP – made a positive conformity finding for the eight-hour standard.

Most recently (July 2005), the Boston Region MPO proposed in their 2006-2010 TIP a reprogramming of several projects across analysis years. This action required a new conformity analysis to be undertaken. The results of this analysis are included at the end of this document. Note: Only the emission totals for the Boston Region MPO and the Eastern Massachusetts Nonattainment area have changed. The emission results for the Old Colony MPO and all other remaining MPO regions in the nonattainment area remain unchanged from the June 15, 2005 conformity determination. In accordance with Section 122(g) of the Transportation Conformity Rule, the Old Colony MPO is relying on its previous emissions analysis to demonstrate conformity.

Key elements of this FFY 2007 – 2010 TIP related to air quality conformity are as follows:

- This TIP is financially constrained, and all projects in the TIP come from the conforming 2003 Regional Transportation Plan.
- The Old Colony RTP continues to include all regionally significant, non-exempt projects as contained in the previously endorsed plan, while this region's TIP reflects these same projects and does not add, delete nor reprogram any such projects across analysis years.
- All regionally significant projects included in the TIP have been included in the air quality analyses for the conforming RTP, as well as in the subsequent nonattainment area analysis based on the Boston MPO's TIP project changes.
- Based on the updated analysis results (accounting for the Boston MPO's TIP project changes), this TIP, in combination with the TIPs from the other MPOs in the nonattainment area, demonstrates air quality conformity.

### **Timely Implementation of Transportation Control Measures**

Transportation Control Measures (TCMs) have been required in the SIP in revisions submitted to EPA in 1979 and 1982. All SIP TCMs have been accomplished through construction or through implementation of ongoing programs.

- *Park and Ride Lots*
- *Traffic Flow Improvements*
- *On Street Parking Restriction*

DEP submitted to EPA its strategy of programs to show Reasonable Further Progress of a 15% reduction of VOCs in 1996 and the further 9% reduction of NOx toward attainment of the National Ambient Air Quality Standards (NAAQS) for ozone in 1999. Within that strategy there are no specific TCM projects. The strategy does call for traffic flow improvements to reduce congestion and, therefore, improve air quality. Other transportation-related projects that have been included in the SIP control strategy are listed below:

- *Enhanced Inspection and Maintenance Program*
- *California Low Emission Vehicle Program*
- *Reformulated Gasoline for On- and Off-Road Vehicles*

- *Stage II Vapor Recovery at Gasoline Refueling Stations*
- *Tier I Federal Vehicle Standards*

### **Air Quality Conformity Analysis**

The conformity test is to show consistency with the motor vehicle emissions budgets set forth in the SIP. Specific information regarding the analysis methods, latest planning assumptions, and consultation procedures are all detailed in the 2003 RTP and update. The motor vehicle volatile organic compounds (VOC) and nitrogen oxide (NO<sub>x</sub>) emissions for the Eastern Massachusetts Ozone Nonattainment Area include all the following MPOs:

- Cape Cod MPO
- Central Massachusetts MPO
- Merrimack Valley MPO
- Boston MPO
- Montachusett Region MPO
- Northern Middlesex MPO
- Old Colony MPO
- Southeastern Region MPO
- Martha's Vineyard Commission\*
- Nantucket Planning and Economical Development Commission\*

\* These regions are considered to be MPOs for planning purposes.

Horizon years for transportation model and emissions analysis have been established following 40 CFR 93.106(a) of the Federal Conformity Regulations. The years for which the model(s) were run are shown below:

- 2000 - Milestone Year – This year is currently being used by the statewide travel demand model as the new base year for calculation of emission reductions of VOCs and NO<sub>x</sub>.
- 2007 - Milestone Year
- 2010 - Milestone Year – Attainment year
- 2015 - Analysis Year
- 2025 - Horizon Year – last forecast year of transportation plan

Conformity is demonstrated by showing consistency with the mobile source emission budget for the Eastern Massachusetts Ozone Non-attainment Area.

The Executive Office of Transportation, Office of Transportation Planning estimated the emissions for VOC and NO<sub>x</sub> for all areas and all MPOs (emissions for the Boston Region were estimated by MPO staff and were included in the final totals). The VOC mobile source emission budget for 2007 for the Eastern Massachusetts One-Hour Ozone Nonattainment Area has been set at 86.700 tons per summer day and the 2007 mobile source budget for NO<sub>x</sub> is 226.363 tons per summer day. As shown in Tables 1 and 2, the results of the air quality analysis demonstrate

that the VOC and NOx emissions from all Action scenarios are less than the VOC and NOx emissions budgets for the Eastern Massachusetts Ozone Nonattainment Area\*:

**TABLE 1  
VOC Emissions Estimates for the Eastern Massachusetts Ozone Nonattainment Area  
(all emissions in tons per summer day)**

<b>Year</b>	<b>Old Colony Region Action Emissions</b>	<b>Eastern MA Action Emissions</b>	<b>Budget</b>	<b>Difference (Action – Budget)</b>
2000	n/a	166.545	n/a	n/a
2007	4.0140	83.662	86.700	-3.038
2010	3.0375	63.398	86.700	-23.302
2015	2.0574	42.398	86.700	-44.302
2025	1.6616	33.438	86.700	-53.262

**TABLE 2  
NOx Emissions Estimates for the Eastern Massachusetts Ozone Nonattainment Area  
(all emissions in tons per summer day)**

<b>Year</b>	<b>Old Colony Region Action Emissions</b>	<b>Eastern MA Action Emissions</b>	<b>Budget</b>	<b>Difference (Action – Budget)</b>
2000	n/a	287.877	n/a	n/a
2007	10.2341	225.114	226.363	-1.249
2010	7.3642	165.246	226.363	-61.117
2015	3.5733	84.875	226.363	-141.488
2025	1.6311	41.646	226.363	-184.717

In summary, this TIP is derived from a conforming regional transportation plan, and the conformity determination has been prepared in accordance with EPA's final conformity regulations. The Old Colony MPO has found the emission levels from this FFY 2007-2010 TIP – in combination with the emission levels from the other MPOs in its nonattainment area – demonstrate conformity with the SIP. Therefore, the implementation of the FY 2007-2010 TIP is consistent with the air quality goals in the Massachusetts SIP.

## **12. Special Efforts**

The Brockton Area Transit Authority

### ***Brockton Area Transit: Accessible Transportation Program***

The US Department of Transportation, in 1986, published a final rule entitled, “Non-discrimination on the Basis of Handicap in Financial Assistance Programs”. The rule carried out section 504 of the Rehabilitation Act of 1973 and section 317 © of the Surface Transportation Assistance Act of 1982. The rule requires recipients of the FTA financial assistance to establish programs to provide transit services to handicapped persons, establishes service criteria, and places a limit on the amount of money recipients must spend to meet these criteria.

BAT is required to develop a five (5) year plan addressing transportation for the physically disabled.

### ***Program Background***

Planning for accessible transportation has been an integral part of the Brockton Area Transit Development Program. Developed jointly in 1975 by the Old Colony Planning Council, the City of Brockton and a consulting firm, funding assistance for this study was provided under a FTA Technical Studies Grant (Section 9, now 5307).

A principal tenet of this planning effort was to identify the transportation needs of elderly and handicapped individuals and the social service agencies with which a coordinated service could be developed. The study produced estimates of the number of potential elderly and handicapped transit users within the area and denoted the locations containing large concentrations of potential users. Data collection for this identification involved meeting with

social service agency representatives, the surveying of the general public and the use of secondary sources.

This study created the overall design and schedule for the implementation of a two faceted Dial-a-Bat service namely, Dial-a-Ride and subscription service. Also, it formed the basis for ensuring the routing of regularly scheduled services to areas with high concentrations of elderly and handicapped individuals.

The specific strategies adopted from Elderly and Handicapped Planning efforts are as follows:

- 50% fare for elderly and handicapped users of regular BAT service.
- Routing of regular BAT service to serve elderly and handicapped individuals without accessible transportation needs. All elderly and handicapped public housing sites have been included as stops on regular BAT routes. One particular route, the Mini-Maller connects three sites with the Westgate Mall, a major retail shopping center.
- The institution of both advance and reservation Dial-a-Ride and subscription service for the elderly, handicapped, and clients of social service agencies in the Brockton area known as Dial-a-Bat, began service in February 1977.
- Coordination of Dial-a-Bat with the transportation services of approximately 16 social service agencies.
- Develop and modify the Section 504 program in an effort to improve transit services for the elderly and handicapped.

This planning effort also produced the following capital plans for developing accessible transportation facilities:

- Incorporation of wheelchair accessible improvements into the plans for the development of a Brockton BAT Centre, which made all the docking facilities 100% accessible. BAT commenced operation at the new terminal in February 1999.
- As of 1991, the Dial-a-Bat fleet included 33 paratransit vehicles, all of which are lifts equipped vans.
- Creation of handicapped accessible fixed route service through the anticipated purchase of six (6) wheelchair equipped commuter coaches with FTA Section 3 funds. The vehicles have been leased to private inter-city bus companies such as Plymouth and Brockton Street Railway Company and Interstate Coach.

### ***Accessible Transportation Service and Facilities***

Section 223 of the American with Disabilities Act (ADA) requires public entities operating fixed route systems to provide paratransit as a complement to their fixed route service. This service is intended for persons with disabilities who are unable to use accessible fixed route transit. The paratransit level of service is to be “comparable”, not identical, to fixed route service as the operations of fixed route service and paratransit differ markedly.

The first category of “ADA Paratransit Eligible” people consists of individuals who as a result of their disabilities, cannot independently board, ride or disembark from accessible vehicles. Persons with mental or visual impairments, as well as physical disabilities, may be eligible in this category (e.g., persons who are unable to determine where to get off the bus).

The second category of ADA Paratransit Eligibility concerns individuals who have a “specific impairment-related condition” which prevents them from getting to a boarding or disembarking location. Examples are people with chronic fatigue syndrome, visual or mental impairments or special temperature sensitivities whose disabilities do not allow them to get to a stop or from a stop to their destination.

The third eligibility category includes individuals who need a level change mechanism to use a bus or other vehicle during times when an accessible bus that the person can use is not being employed on the route on which they want to travel.

The US Department of Transportation is amending its existing Section 504 rule to avoid potential overlapping, duplication or confusion between ADA and 504 requirements. For this reason, a number of provisions of the 504 rule are being removed. The basic relationship between Section 504 and ADA is that a recipient of DOT funds complies with its Section 504 obligations. In 1996, Brockton Area Transit Authority completed the update of its fleet. The BAT fleet is now 100% accessible.

**- OLD COLONY MPO TRANSPORTATION IMPROVEMENT PROGRAM -**

**13. FFY 2006 TIP Project Status**

**Highway**

FFY 2006: Old Colony Projects	City/Town	ID	MHD District	PROGRAMMED			Status
				Fund Cat	Federal Amount Programmed	Total FFY 2006 Amount	
<b>FEDERAL PROJECTS</b>							
<b>1A. Federal Target Projects</b>							
RT 27 - Pembroke ST Resurface/Reconstruction (AC 1)	Kingston	600413	5	STP	\$ 248,065	\$ 310,081	Moved to 2007
RT 58 from Halifax TL to Carver TL Reconstruction	Plympton	602337	5	STP	\$ 3,360,000	\$ 4,200,000	Advertised 8/5/2006
<b>STP Subtotal :</b>					<b>\$ 3,608,065</b>	<b>\$ 4,200,000</b>	
					<b>Target = \$</b>	<b>4,510,081</b>	
RT 27/ Belair/ Moraine Signal and Geometry Upgrade	Brockton	604595	5	CMAQ	\$ 280,000	\$ 350,000	Moved to 2007
RT 18/28 - Bedford ST @ Winter ST Signal Installation	Bridgewater	603568	5	CMAQ	\$ 760,000	\$ 950,000	Active
BAT - Service to Merchant's Park/ IKEA			5	CMAQ	\$ 152,000	\$ 190,000	
<b>CMAQ Subtotal :</b>					<b>\$ 912,000</b>	<b>\$ 1,140,000</b>	
					<b>CMAQ Target = \$</b>	<b>1,139,886</b>	
<b>1A. Subtotal</b>					<b>\$ 4,520,065</b>	<b>\$ 5,340,000</b>	
					<b>Total Target = \$</b>	<b>5,649,967</b>	
<b>1B. Federal Bridge Projects</b>							
Bridge Replacement, BR# W-18-003, South ST over Town River	West Bridgewater	130200		BR	\$ 800,000	\$ 1,000,000	Active
<b>Subtotal :</b>					\$ 800,000	\$ 1,000,000	
<b>1C. Federal Non-Target Projects</b>							
Design and construct downtown roadway and streetscape improvements	Brockton		5	TI	\$ 400,000	\$ 500,000	Active
<b>Subtotal :</b>					\$ 400,000	\$ 500,000	
<b>1D. Mega and State Category Projects</b>							
<b>Subtotal :</b>					\$ -	\$ -	
<b>TOTAL FEDERAL PROJECTS</b>					<b>\$ 5,720,065</b>	<b>\$ 6,840,000</b>	
Without Mega and State:					<b>\$ 5,720,065</b>	<b>\$ 6,840,000</b>	
<b>STATE-FUNDED PROJECTS</b>							
<b>2A. NFA Regional Priority Projects</b>							
<b>Subtotal :</b>					\$ -	\$ -	
<b>2B. NFA Bridge Projects</b>							
Bridge Replacement Central ST over Queset Brook (BR# E-06-002&E- Easton 06-030)		602836	5	NFA		\$ 1,258,475	Active
<b>Subtotal :</b>					\$ -	\$ 1,258,475	
<b>2C. NFA Other Projects</b>							
<b>Subtotal :</b>					\$ -	\$ -	
<b>TOTAL NFA PROJECTS</b>					\$ -	\$ 1,258,475	
<b>TOTAL ALL PROJECTS</b>					<b>\$ 5,720,065</b>	<b>\$ 8,098,475</b>	

**- OLD COLONY MPO TRANSPORTATION IMPROVEMENT PROGRAM -**

**Transit**

<b>Federal</b>						
<b>RTA</b>	<b>Section</b>	<b>Description</b>	<b>Federal Funds</b>	<b>Approval Status</b>	<b>Grant #</b>	<b>Comments</b>
BAT	5307	Operating assistance and preventative maintenance	\$1,700,000	Pending	MA-90-0478	
BAT	5307	Capital Assistance - Facility improvements, maintenance repair, purchase of support equipment and trolleys	\$240,000	Pending	MA-90-0478	
BAT	5309	Construction of BAT Office Building	\$970,874	Approved	MA-03-0272	
BAT	5309	Intermodal Phase III	\$2,964,023	Approved	MA-03-0256	
BAT	5309	Intermodal Garage Construction	\$193,484	Approved	MA-03-0256	
BAT	5309	Low Floor Buses (17) and related parts	\$3,885,304	Approved	MA-03-0271	
BAT	3037	Job Access and Reverse Commute (JARC) (extension of Existing service)	\$817,610	Approved	MA-37-019	
SSCA	5310	Capital – Purchase of 3 (8-12) passenger lift equipped minivans	\$121,600		See State	

<b>State</b>						
<b>RTA</b>	<b>Section</b>	<b>Description</b>	<b>State Funds</b>	<b>Approval Status</b>	<b>Grant #</b>	<b>Comments</b>
BAT	MAP	Mobility Assistance	\$560,000	Awarded	See State	
East	MAP	Mobility Assistance	\$56,000	Awarded	See State	
Bridgewater	MAP	Mobility Assistance	\$56,000	Awarded	See State	
Stoughton	MAP	Mobility Assistance	\$56,000	Awarded	See State	

**- OLD COLONY MPO TRANSPORTATION IMPROVEMENT PROGRAM -**

**Transit Continued**

FTA Funding Program	Estimated Authorization FFY 2007	Regional Programmed FFY 2007	BALANCE <sup>[1]</sup> FFY 2007
<b>Section 5307</b>			
Planning	\$ 40,000	\$ 40,000	\$ -
Capital	\$ 460,000	\$ 460,000	\$ -
Operating/Preventive	\$1,996,962	\$1,996,962	\$ -
Transit Enhancement	\$ -	\$ -	\$ -
<b>Subtotal</b>	<b>\$ 2,496,962</b>	<b>\$ 2,496,962</b>	<b>\$ -</b>
<u>Carry over<sup>[1]</sup></u>			
<u>5307 Carry over - bus support equipment, preventative maintenance, planning, bus replacements, and operating assistance</u>	\$ 600,000		\$ 600,000
<u>Other Sources - ITC remediation - may need adjustment</u>	\$ 50,000	\$ -	\$ -
<b>Subtotal</b>	<b>\$ 650,000</b>	<b>\$ -</b>	<b>\$ 600,000</b>
<b>SECTION 5307 TOTALS</b>	<b>\$ 3,146,962</b>	<b>\$ 2,496,962</b>	<b>\$ 600,000</b>
<b>Section 5309</b>			
Bus Replacement (Approx 5) Fixed Route and related parts (SAFETEA-LU)	\$ 1,319,879	\$ -	\$ -
<b>Subtotal</b>	<b>\$ 1,319,879</b>		
<b>SECTION 5309 TOTALS</b>	<b>\$ 1,319,879</b>	<b>\$ -</b>	<b>\$ -</b>
<b>Section 5310</b>			
Capital (SSCAC -- Purchase of lift equipped passenger mini-	\$ 250,000	\$ 250,000	\$ -
<b>Section 5316</b>			
Job Access and Reverse Commuting (JARC)	\$ 27,949	\$ 27,949	\$ -
<b>Section 3037</b>			
Job Access and Reverse Commuting (JARC)	\$ 200,000	\$ 200,000	\$ -
<b>Section 5317</b>			
New Freedom	\$ 24,055	\$ 24,055	\$ -
<b>OTHER TOTALS</b>	<b>\$ 477,949</b>	<b>\$ 477,949</b>	
<b>Other Transit Funding</b>			
CMAQ FHWA TO FTA	\$0	\$0	\$0
STP FHWA TO FTA	\$0	\$0	\$0

<sup>[1]</sup> Balance will be used in 2007

Carry over funding from previous years.

**- OLD COLONY MPO TRANSPORTATION IMPROVEMENT PROGRAM -**

**D. Appendix**

**1. Other Regional Priorities**

**Appendix D - Other Regional Priorities - Funding to be determined.**

Part	Description	Community	ID	Design	Total	State	Fund Cat
<b>1A. Other Regional Priorities</b>							
	3 R on Linwood ST (Access to State Land Acc. #6033-8868)	Abington	602577	0%	\$ 1,800,000	\$ 1,800,000	TBD
	RT 139 Reconstruction ( Weymouth TL to Rockland TL)	Abington	602576	0%	\$ 3,360,000	\$ 3,360,000	TBD
	RT 18 Reconstruction from RT 139 to Highland PL (Listed in Boston MPO TIP)	Abington	601630	0%	\$ 14,000,000	\$ 14,000,000	TBD
	Intermodal Transportation Pathway Network	Bridgewater		0%	\$ 153,150	\$ 153,150	TBD
	Oak ST Bridge over Town River	Bridgewater	53430	0%	\$ 800,000	\$ 800,000	TBD
	Replace Auburn ST Bridge @ Taunton River	Bridgewater	601278	75%	\$ 690,326	\$ 690,326	TBD
	RT 18/28 - Bedford ST from BW Center to Middleboro TL	Bridgewater	601104	0%	\$ 2,700,000	\$ 2,700,000	TBD
	BCAT Downtown Brockton Circulation Project	Brockton	603675 & 603676	0%	\$ 6,500,000	\$ 6,500,000	TBD
	Court ST - Main to North Cary	Brockton	601342	0%	\$ 675,000	\$ 675,000	TBD
	Field ST - Montello to Winter	Brockton	601639	0%	\$ 700,000	\$ 700,000	TBD
	Forest AV - Warren to Belmont	Brockton	601344	0%	\$ 900,000	\$ 900,000	TBD
	Intersection improvements - 2 locations West Elm @ Ash ST and Lawrence @ Montello ST	Brockton	600003	0%	\$ 250,000	\$ 250,000	TBD
	ITS revenue collection equipment	Brockton		0%	\$ 500,000	\$ 500,000	TBD
	Longwood - West Chestnut to Menlo ST	Brockton	601646	0%	\$ 500,000	\$ 500,000	TBD
	Lyman ST - Crescent to Center	Brockton	601647	0%	\$ 500,000	\$ 500,000	TBD
	Perkins AV - Summer to Main	Brockton	601642	0%	\$ 500,000	\$ 500,000	TBD
	Quincy ST Resurfacing and related work (Centre to East Ashland)	Brockton	601645	0%	\$ 500,000	\$ 500,000	TBD
	RT 123 Centre ST - Montello to Cary	Brockton	601346	0%	\$ 570,000	\$ 570,000	TBD
	RT 123 over RT 24 Bridge Betterment	Brockton	604747	0%	\$ 2,800,000	\$ 2,800,000	TBD
	RT 28/Main/Keith AV Signal Upgrade	Brockton	604741	25%	\$ 400,000	\$ 400,000	TBD
	West Elm ST - Warren to West	Brockton	601644	0%	\$ 890,000	\$ 890,000	TBD
	Widen RT 123 from West St to Easton TL (includes signal at Linwood)	Brockton	180510	0%	\$ 4,000,000	\$ 4,000,000	TBD
	Washington - WH TL to Central & Oak - Washington to Hanson TL	East Bridgewater	601414 & 601415	25%	\$ 3,745,190	\$ 3,745,190	TBD
	RT 106 (Foundry St) from Morse RD to West Bridgewater TL	Easton	601333	0%	\$ 500,000	\$ 500,000	TBD
	RT 123 Depot ST - Foxridge RD to RT 138	Easton	601337	25%	\$ 1,506,500	\$ 1,506,500	TBD
	RT 138 at Turnpike ST Intersection improvements and geometrics	Easton	604098	0%	\$ 400,000	\$ 400,000	TBD
	RT106/123 - 5 Corners Intersection Improvements/signalization update (Foundry @ Bay)	Easton	604658	0%	\$ 500,000	\$ 500,000	TBD
	Elm ST Bridge over Jones River (K-01-002)	Kingston	24090	0%	\$ 400,000	\$ 400,000	TBD
	Howlands Lane Bridge over MBTA	Kingston	602337	25%	\$ 771,000	\$ 771,000	TBD
	Intersection reconstruction and geometric RT 3A and Green ST	Kingston	602858	0%	\$ 400,000	\$ 400,000	TBD
	RT 106 (Main Street) Reconstruction	Kingston	601164	0%	\$ 1,250,000	\$ 1,250,000	TBD
	RT 53 - Duxbury TL to RT 3A & RT 3A - Duxbury TL to Plymouth TL	Kingston	114908	0%	\$ 5,000,000	\$ 5,000,000	TBD
	Smith Lane Extension to RT 3A	Kingston	601397	0%	\$ 425,000	\$ 425,000	TBD
	Reconstruction of RT 14 (part II of 600381)	Pembroke	600381	0%	\$ 1,160,000	\$ 1,160,000	TBD
	Reconstruction of RT 27 (part II of 600382)	Pembroke	600382	0%	\$ 1,015,000	\$ 1,015,000	TBD
	RT 36 from RT 27 to RT 14 resurfacing and related work	Pembroke	600380	0%	\$ 1,211,000	\$ 1,211,000	TBD
	RT 3 Resurfacing and related work	Plymouth	604223	0%	\$ 1,000,000	\$ 1,000,000	TBD
	RT 44 - Samoset ST and North Park AV Reconstruction	Plymouth	600426	0%	\$ 1,500,000	\$ 1,500,000	TBD
	Taylor Ave Reconstruction	Plymouth	604596	0%	\$ 1,300,000	\$ 1,300,000	TBD
	Reconstruction, RT 138 Station 45+00 to Station 61+33.51 (.5KM)	Stoughton	602717	0%	\$ 500,000	\$ 500,000	TBD
	Resurface RT138 - Canton TL to Thomas ST	Stoughton	601109	0%	\$ 500,000	\$ 500,000	TBD
	Train Station Stabilization (Enhancement)	Stoughton		0%	\$ 204,000	\$ 204,000	TBD
	Reconstruct RT 106 from Easton TL to East	West Bridgewater	603456	0%	\$ 10,000,000	\$ 10,000,000	TBD
	RT 18 Cold Planing and Resurfacing	Whitman	604160	100%	\$ 1,200,000	\$ 1,200,000	TBD
<b>TOTAL ALL APPENDIX D PROJECTS</b>					<b>\$ 78,176,166</b>	<b>\$ 78,176,166</b>	

\* This is an Informational list of Other Regional Priorities needed regardless of funding sources.

**- OLD COLONY MPO TRANSPORTATION IMPROVEMENT PROGRAM -**

**2. Projects that require MHD approval and/or more data**

Projects listed in the following section, are projects that have been submitted to OCPC, but require MHD approval and/or more data. These projects may be programmed in the 'out years' of the TIP, i.e. 2008, 2009 & 2010.

Part	Description	Community	ID	MHD Design	Project Cost		Fund Cat
					Total	State	
<b>1A. Proposals - Highway and Bridge Projects</b>							
	RT Capacity Enhancement from RT 139 to RT 14	Abington/Whitman	Pre-PRC	0%	\$ 3,000,000	\$ 3,000,000	TBD
	Install Signals at RT 28 (East Main ST) at East/West Spring ST	Avon	Pre-PRC	0%	\$ 400,000	\$ 400,000	TBD
	W Main ST Reconstruction (Harrison BLVD to RT 28	Avon	Pre-PRC	0%	\$ 500,000	\$ 500,000	TBD
	Install signals at South ST @ RT 104	Bridgewater	Pre-PRC	0%	\$ 400,000	\$ 400,000	TBD
	Reconstruction North ST (Pleasant to Birch)	Bridgewater	Pre-PRC	0%	\$ 850,000	\$ 850,000	TBD
	Signal Upgrade (RT 28 @ High/ Center ST)	Bridgewater	Pre-PRC	0%	\$ 400,000	\$ 400,000	TBD
	Intersection Improvement Main ST at Forest Avenue	Brockton	Pre-PRC	0%	\$ 400,000	\$ 400,000	TBD
	Pedestrian/ Bikeway connections to the Intermodal Transportation Centre	Brockton	Pre-PRC	0%	\$ 300,000	\$ 300,000	TBD
	Reconstruction of N Main ST from Prospect to Court WY	Brockton	Pre-PRC	0%	\$ 1,500,000	\$ 1,500,000	TBD
	Reconstruction of RT 28 from East Ashland ST to Plain ST	Brockton	Pre-PRC	0%	\$ 2,500,000	\$ 2,500,000	TBD
	Resurfacing/Reconstruction of Main ST from White AV to Hayward AV	Brockton	Pre-PRC	0%	\$ 2,000,000	\$ 2,000,000	TBD
	RT 106 Reconstruction Whitman ST to Halifax TL	East Bridgewater	Pre-PRC	0%	\$ 1,500,000	\$ 1,500,000	TBD
	Foundry @ Eastman Reconstruction	Easton	Pre-PRC	0%	\$ 400,000	\$ 400,000	TBD
	Resurfacing Central ST - From Washington to Depot	Easton	Pre-PRC	0%	\$ 550,000	\$ 550,000	TBD
	RT 106 - Eastman ST, Mansfield TL to RT 123	Easton	Pre-PRC	0%	\$ 280,715	\$ 280,715	TBD
	RT 106 - Foundry ST, Bay RD to Morse RD	Easton	Pre-PRC	0%	\$ 1,689,350	\$ 1,689,350	TBD
	RT 106 - Foundry ST, Eastman ST to Bay RD	Easton	Pre-PRC	0%	\$ 1,400,000	\$ 1,400,000	TBD
	RT 106 Reconstruction (RT 105 to BW TL)	Halifax	Pre-PRC	0%	\$ 1,000,000	\$ 1,000,000	TBD
	RT 58 Reconstruction (RT 106 to Hanson TL)	Halifax	Pre-PRC	0%	\$ 1,000,000	\$ 1,000,000	TBD
	Resurfacing Elm ST	Hanson	Pre-PRC	0%	\$ 177,500	\$ 177,500	TBD
	Resurfacing Spring ST	Hanson	Pre-PRC	0%	\$ 90,300	\$ 90,300	TBD
	Resurfacing West Washington St	Hanson	Pre-PRC	0%	\$ 190,000	\$ 190,000	TBD
	Resurfacing on RT 80	Kingston	Pre-PRC	0%	\$ 390,000	\$ 390,000	TBD
	Bike Lane and Sidewalk Improvements	Plymouth	Pre-PRC	0%	\$ 2,500,000	\$ 2,500,000	TBD
	Brewster ST Rail Car Project	Plymouth	Pre-PRC	0%	\$ 3,000,000	\$ 3,000,000	TBD
	Intermodal Transportation Center	Plymouth	Pre-PRC	0%	\$ 11,000,000	\$ 11,000,000	TBD
	Jenny Grist Mill/ Billington Sea Walkway	Plymouth	Pre-PRC	0%	\$ 1,500,000	\$ 1,500,000	TBD
	Long Pond Road Reconstruction (Drew RD to Clark RD)	Plymouth	Pre-PRC	0%	\$ 5,000,000	\$ 5,000,000	TBD
	Nelson ST to Stevens Field Pedestrian Connection	Plymouth	Pre-PRC	0%	\$ 3,000,000	\$ 3,000,000	TBD
	Signalization Carver RD/Summer St/Federal Furnace/Sleepy Hollow RD	Plymouth	Pre-PRC	0%	\$ 400,000	\$ 400,000	TBD
	Signalization of RT 3A Main ST @ Water ST	Plymouth	Pre-PRC	0%	\$ 300,000	\$ 300,000	TBD
	Signalization RT 3A at South ST	Plymouth	Pre-PRC	0%	\$ 400,000	\$ 400,000	TBD
	Signalization Samoset ST @ Marc DR/ Mobile Home Estates	Plymouth	Pre-PRC	0%	\$ 500,000	\$ 500,000	TBD
	Town Pier Boardwalk (Nelson to Burial Hill)	Plymouth	Pre-PRC	0%	\$ 300,000	\$ 300,000	TBD
	Town Wharf Pedestrian and Roadway Improvements	Plymouth	Pre-PRC	0%	\$ 750,000	\$ 750,000	TBD
	Water ST Reconstruction (RT 3A to Nelson ST	Plymouth	Pre-PRC	0%	\$ 1,500,000	\$ 1,500,000	TBD
	Intersection Improvements Canton (RT 27)/Tosca/Central	Stoughton	Pre-PRC	0%	\$ 500,000	\$ 500,000	TBD
	Resurfacing on Turnpike and Central STS	Stoughton	Pre-PRC	0%	\$ 522,000	\$ 522,000	TBD
	RT 27 Canton & School ST Signalization	Stoughton	Pre-PRC	0%	\$ 400,000	\$ 400,000	TBD
	Stoughton Square Resurfacing/Improvements	Stoughton	Pre-PRC	0%	\$ 300,000	\$ 300,000	TBD
	Bridge Rehabilitation Arch ST	West Bridgewater	Pre-PRC	0%	\$ 400,000	\$ 400,000	TBD
	Bridge Rehabilitation Belmont ST	West Bridgewater	Pre-PRC	0%	\$ 400,000	\$ 400,000	TBD
	Bridge Rehabilitation West ST	West Bridgewater	Pre-PRC	0%	\$ 400,000	\$ 400,000	TBD
	Resurfacing on South ST	West Bridgewater	Pre-PRC	0%	\$ 300,000	\$ 300,000	TBD
	Signalization of RT 106 @ Howard ST	West Bridgewater	Pre-PRC	0%	\$ 400,000	\$ 400,000	TBD
	Signalization of RT 28 @ Matfield ST	West Bridgewater	Pre-PRC	0%	\$ 400,000	\$ 400,000	TBD
	Signalization RT 106 @ East Street	West Bridgewater	Pre-PRC	0%	\$ 400,000	\$ 400,000	TBD
	Resurfacing South AV	Whitman	Pre-PRC	0%	\$ 300,000	\$ 300,000	TBD
<b>TOTAL ALL PROPOSALS</b>					<b>\$ 55,789,865</b>	<b>\$ 55,789,865</b>	

**3. Thirty Day Public Review -- Comments**

**NOTICE OF PUBLIC COMMENT/REVIEW  
FOR THE DRAFT FFY 2007-2010  
TRANSPORTATION IMPROVEMENT PROGRAM**

In accordance with the Public Participation Process developed by the Old Colony Metropolitan Planning Organization (MPO), OCPC is making the DRAFT FFY 2007-2010 Transportation Improvement Program (TIP) available for public review. The TIP serves as a prioritized listing of highway, bridge, and transit projects proposed for implementation during the next five federal fiscal years (FFY 2007-2010). Copies of the TIP are available for review at the OCPC Offices (8:30 a.m. to 4:00 p.m.), at <http://www.ocpcrpa.org/>, and/or upon request. This notice will initiate a 30-day public review period. Written comments will be accepted until 4:00 P.M. on Friday, July 28, 2006. This process will also be used as Brockton Area Transit Authority (BAT's) public participation process. A public meeting of the OCPC and MPO advisory committee, the Joint Transportation Committee, will be held in July if needed. Please contact Charlie Kilmer at 508.583.1833 for further information.

Written comments should be sent to:

Old Colony Planning Council  
70 School Street  
Brockton, MA 02301

Attention: Charlie Kilmer

**4. Federal Funding Targets (FFY 2007-2010) and Operations & Maintenance Expenditures Summary**

**TITLE 23 - TRANSPORTATION FUNDING**  
Statewide Highway-Funded Program

**FEDERAL FISCAL YEAR 2007  
FEDERAL REGIONAL TARGETS  
D R A F T 5/8/2006**

	Obligation Authority	Obl. Auth. Matching State Funds	Total Funding Based On Obl. Auth.
Base Obligation Authority	\$478,712,000		
Less Penalty ( Repeat Offenders )	\$0		
Sub-Total Obligation Authority Available	\$478,712,000		
Redistribution, as Estimated by FHWA	\$25,000,000		
<b>Total Estimated Obligation Authority Available:</b>	<b>\$503,712,000</b>		
Central Artery/Tunnel Obligation Authority	(110,240,000)		
<b>Total Non-Earmarked Available Statewide - (Including Redistribution)</b>	<b>393,472,000</b>	<b>91,465,222</b>	<b>484,937,222</b>
<b>Statewide Infrastructure Items:</b>			
Statewide Infrastructure Program ( Incl. Noise Barriers )	\$6,400,000	\$1,600,000	\$8,000,000
Statewide Safety Program	7,400,000	1,850,000	9,250,000
Statewide Safe Routes to Schools Program	1,040,000	260,000	1,300,000
Statewide CMAQ	5,000,000	1,250,000	6,250,000
Statewide Transportation Enhancements	400,000	100,000	500,000
Statewide ITS	5,000,000	1,250,000	6,250,000
Statewide Design and Right of Way	2,400,000	600,000	3,000,000
Statewide Interstate Maintenance Program	47,700,000	5,300,000	53,000,000
Statewide Railroad Grade Crossings	400,000	100,000	500,000
<b>Subtotal Statewide Infrastructure Items:</b>	<b>\$75,740,000</b>	<b>\$12,310,000</b>	<b>\$88,050,000</b>
<b>Other Statewide Items:</b>			
Award Adjustments, Change Orders, Project Value Changes, Etc.	\$35,000,000	\$8,750,000	\$43,750,000
Planning	14,400,000	3,600,000	18,000,000
DBEs, CEPO, Pavement Lab Retrofits, and Misc. Programs	600,000	150,000	750,000
<b>Subtotal Other Statewide Items:</b>	<b>\$50,000,000</b>	<b>\$12,500,000</b>	<b>\$62,500,000</b>
<b>Regional Major Infrastructure Projects:</b>	<b>\$50,000,000</b>	<b>\$12,222,222</b>	<b>\$62,222,222</b>
<b>Bridge Program:</b>			
Statewide Bridge Repl / Rehab Program	\$93,186,662	\$23,296,666	\$116,483,328
Statewide Bridge Preservation Program	8,000,000	2,000,000	10,000,000
Statewide Bridge Inspection Program	4,400,000	1,100,000	5,500,000
<b>Subtotal Federal Aid Bridge Program:</b>	<b>\$105,586,662</b>	<b>\$26,396,666</b>	<b>\$131,983,328</b>
<b>Regional Targets:</b>			
Regional CMAQ Targets:	\$24,000,000	\$6,000,000	\$30,000,000
Regional Non-CMAQ Targets:	\$88,145,338	\$28,036,335	\$116,181,673
<b>Total Regional Targets:</b>	<b>\$112,145,338</b>	<b>\$28,036,335</b>	<b>\$140,181,673</b>

Region	Regional Share (%)	Regional Non-CMAQ Target With State Match	Regional CMAQ Target With State Match	Total Regional Target With State Match
Berkshire Region	3.5596	\$3,922,075	1,067,893	\$4,989,968
Boston Region	42.9671	47,341,873	12,890,131	60,232,004
Cape Cod	4.5851	5,051,986	1,375,542	6,427,528
Central Mass	8.6901	9,574,932	2,607,039	12,181,971
Franklin Region	2.5397	2,798,335	761,924	3,560,258
Martha's Vineyard	0.3100	341,529	92,991	434,520
Merrimack Valley	4.4298	4,880,560	1,328,867	6,209,427
Montachusett	4.4596	4,913,611	1,337,866	6,251,477
Nantucket	0.2200	242,375	65,993	308,369
Northern Middlesex	3.9096	4,307,873	1,172,883	5,480,555
Old Colony	4.5595	5,023,782	1,367,863	6,391,645
Pioneer Valley	10.8099	11,910,550	3,242,976	15,153,525
Southeastern Mass	8.9601	9,872,392	2,688,031	12,560,424
<b>Total:</b>	<b>100.00</b>	<b>\$110,181,673</b>	<b>\$30,000,000</b>	<b>\$140,181,673</b>

Note 1: Base Obligation Authority includes Estimated Equity Bonus Exempt from Limitation

**TITLE 23 - TRANSPORTATION FUNDING**  
Statewide Highway-Funded Program

**FEDERAL FISCAL YEAR 2008  
FEDERAL REGIONAL TARGETS  
D R A F T 5/8/2006**

	Obligation Authority	Obl. Auth. Matching State Funds	Total Funding Based On Obl. Auth.
Base Obligation Authority	\$488,451,000		
Redistribution, as Estimated by FHWA	\$25,000,000		
<b>Total Estimated Obligation Authority Available:</b>	<b>\$513,451,000</b>		
Central Artery/Tunnel Obligation Authority	(117,230,000)		
<b>Total Non-Earmarked Available Statewide - (including Redistribution)</b>	<b>396,221,000</b>	<b>92,305,250</b>	<b>488,526,250</b>
<b>Statewide Infrastructure Items:</b>			
Statewide Infrastructure Program ( Incl. Noise Barriers )	\$6,400,000	\$1,600,000	\$8,000,000
Statewide Safety Program	7,400,000	1,850,000	9,250,000
Statewide Safe Routes to Schools Program	1,040,000	260,000	1,300,000
Statewide CMAQ	5,000,000	1,250,000	6,250,000
Statewide Transportation Enhancements	400,000	100,000	500,000
Statewide ITS	5,000,000	1,250,000	6,250,000
Statewide Design and Right of Way	2,400,000	600,000	3,000,000
Statewide Interstate Maintenance Program	48,600,000	5,400,000	54,000,000
Statewide Railroad Grade Crossings	400,000	100,000	500,000
<b>Subtotal Statewide Infrastructure Items:</b>	<b>\$76,640,000</b>	<b>\$12,410,000</b>	<b>\$89,050,000</b>
<b>Other Statewide Items:</b>			
Award Adjustments, Change Orders, Project Value Changes, Etc.	\$35,000,000	\$8,750,000	\$43,750,000
Planning	14,400,000	3,600,000	18,000,000
DBEs, CEPO, Pavement Lab Retrofits, and Misc. Programs	600,000	150,000	750,000
<b>Subtotal Other Statewide Items:</b>	<b>\$50,000,000</b>	<b>\$12,500,000</b>	<b>\$62,500,000</b>
<b>Regional Major Infrastructure Projects:</b>	<b>\$50,400,000</b>	<b>\$12,600,000</b>	<b>\$63,000,000</b>
<b>Bridge Program:</b>			
Statewide Bridge Repl. / Rehab Program	\$93,186,662	\$23,296,666	\$116,483,328
Statewide Bridge Preservation Program	8,000,000	2,000,000	10,000,000
Statewide Bridge Inspection Program	4,400,000	1,100,000	5,500,000
<b>Subtotal Federal Aid Bridge Program:</b>	<b>\$105,586,662</b>	<b>\$26,396,666</b>	<b>\$131,983,328</b>
<b>Regional Targets:</b>			
Regional CMAQ Targets	\$24,000,000	\$6,000,000	\$30,000,000
Regional Non-CMAQ Targets	\$89,594,338	\$22,398,585	\$111,992,923
<b>Total Regional Targets:</b>	<b>\$113,594,338</b>	<b>\$28,398,585</b>	<b>\$141,992,923</b>

Region	Regional Share (%)	Regional Non-CMAQ Target With State Match	Regional CMAQ Target With State Match	Total Regional Target With State Match
Berkshire Region	3.5596	\$3,986,549	1,067,893	\$5,054,443
Boston Region	42.9671	48,120,115	12,890,131	61,010,246
Cape Cod	4.5851	5,135,034	1,375,542	6,510,576
Central Mass	8.6901	9,732,332	2,607,039	12,339,371
Franklin Region	2.5397	2,844,336	761,924	3,606,260
Martha's Vineyard	0.3100	347,143	92,991	440,134
Merrimack Valley	4.4296	4,960,790	1,328,867	6,289,657
Montachusett	4.4596	4,994,385	1,337,866	6,332,251
Nantucket	0.2200	246,360	65,993	312,353
Northern Middlesex	3.9096	4,378,485	1,172,883	5,551,368
Old Colony	4.5595	5,106,367	1,367,863	6,474,230
Pioneer Valley	10.8099	12,106,344	3,242,976	15,349,320
Southeastern Mass	8.9601	10,034,682	2,688,031	12,722,714
<b>Total:</b>	<b>100.00</b>	<b>\$111,992,923</b>	<b>\$30,000,000</b>	<b>\$141,992,923</b>

Note 1: Base Obligation Authority includes Estimated Equity Bonus Exempt from Limitation

**TITLE 23 - TRANSPORTATION FUNDING**  
Statewide Highway-Funded Program

**FEDERAL FISCAL YEAR 2009**  
**FEDERAL REGIONAL TARGETS**  
**D R A F T 5/8/2006**

	Obligation Authority	Obl. Auth. Matching State Funds	Total Funding Based On Obl. Auth.
Base Obligation Authority	\$493,720,000		
Redistribution, as Estimated by FHWA	\$25,000,000		
<b>Total Estimated Obligation Authority Available:</b>	<b>\$518,720,000</b>		
Central Artery/Tunnel Obligation Authority	(126,845,000)		
<b>Total Non-Earmarked Available Statewide - (including Redistribution)</b>	<b>391,875,000</b>	<b>91,187,500</b>	<b>483,062,500</b>
<b>Statewide Infrastructure Items:</b>			
Statewide Infrastructure Program ( Incl. Noise Barriers )	6,400,000	1,600,000	8,000,000
Statewide Safety Program	7,400,000	1,850,000	9,250,000
Statewide Safe Routes to Schools Program	1,040,000	260,000	1,300,000
Statewide CMAQ	5,000,000	1,250,000	6,250,000
Statewide Transportation Enhancements	400,000	100,000	500,000
Statewide ITS	5,000,000	1,250,000	6,250,000
Statewide Design and Right of Way	2,400,000	600,000	3,000,000
Statewide Interstate Maintenance Program	48,825,000	5,425,000	54,250,000
Statewide Railroad Grade Crossings	400,000	100,000	500,000
<b>Subtotal Statewide Infrastructure Items:</b>	<b>\$76,865,000</b>	<b>\$12,435,000</b>	<b>\$89,300,000</b>
<b>Other Statewide Items:</b>			
Award Adjustments, Change Orders, Project Value Changes, Etc.	\$35,000,000	\$8,750,000	\$43,750,000
Planning	14,400,000	3,600,000	18,000,000
DBEs, CEPO, Pavement Lab Retrofits, and Misc. Programs	600,000	150,000	750,000
<b>Subtotal Other Statewide Items:</b>	<b>\$50,000,000</b>	<b>\$12,500,000</b>	<b>\$62,500,000</b>
<b>Regional Major Infrastructure Projects:</b>	<b>\$47,400,000</b>	<b>\$11,850,000</b>	<b>\$59,250,000</b>
<b>Bridge Program:</b>			
Statewide Bridge Repl. / Rehab Program	\$93,186,662	\$23,296,666	\$116,483,328
Statewide Bridge Preservation Program	8,000,000	2,000,000	10,000,000
Statewide Bridge Inspection Program	4,400,000	1,100,000	5,500,000
<b>Subtotal Federal Aid Bridge Program:</b>	<b>\$105,586,662</b>	<b>\$26,396,666</b>	<b>\$131,983,328</b>
<b>Regional Targets:</b>			
Regional CMAQ Targets:	\$24,000,000	\$6,000,000	\$30,000,000
Regional Non-CMAQ Targets:	\$88,023,338	\$22,005,835	\$110,029,173
<b>Total Regional Targets:</b>	<b>\$112,023,338</b>	<b>\$28,005,835</b>	<b>\$140,029,173</b>

Region	Regional Share (%)	Regional Non- CMAQ Target With State Match	Regional CMAQ Target With State Match	Total Regional Target With State Match
Berkshire Region	3.5596	\$3,916,647	1,067,893	\$4,984,540
Boston Region	42.9671	47,276,348	12,890,131	60,166,479
Cape Cod	4.5851	5,044,993	1,375,542	6,420,536
Central Mass	8.6901	9,581,679	2,607,039	12,188,719
Franklin Region	2.5397	2,794,462	761,924	3,556,385
Martha's Vineyard	0.3100	341,056	92,991	434,047
Merrimack Valley	4.4296	4,873,805	1,328,867	6,202,672
Montachusett	4.4596	4,906,810	1,337,866	6,244,677
Nantucket	0.2200	242,040	65,993	308,033
Northern Middlesex	3.9096	4,301,710	1,172,883	5,474,593
Old Colony	4.5595	5,016,828	1,367,863	6,384,692
Pioneer Valley	10.8099	11,894,064	3,242,976	15,137,040
Southeastern Mass	8.9601	9,858,728	2,688,031	12,546,759
<b>Total:</b>	<b>100.00</b>	<b>\$110,029,173</b>	<b>\$30,000,000</b>	<b>\$140,029,173</b>

Note 1: Base Obligation Authority includes Estimated Equity Bonus Exempt from Limitation

**TITLE 23 - TRANSPORTATION FUNDING**  
Statewide Highway-Funded Program

**FEDERAL FISCAL YEAR 2010  
FEDERAL REGIONAL TARGETS  
D R A F T 5/8/2006**

	Obligation Authority	Obl. Auth. Matching State Funds	Total Funding Based On Obl. Auth.
Base Obligation Authority	\$503,603,000		
Redistribution, as Estimated by FHWA	\$25,000,000		
<b>Total Estimated Obligation Authority Available:</b>	<b>\$528,603,000</b>		
Central Artery/Tunnel Obligation Authority	(151,290,000)		
<b>Total Non-Earmarked Available Statewide - (Including Redistribution)</b>	<b>377,313,000</b>	<b>87,328,250</b>	<b>464,641,250</b>
<b>Statewide Infrastructure Items:</b>			
Statewide Infrastructure Program ( Inct. Noise Barriers )	6,400,000	1,600,000	8,000,000
Statewide Safety Program	7,400,000	1,850,000	9,250,000
Statewide Safe Routes to Schools Program	1,040,000	260,000	1,300,000
Statewide CMAQ	5,000,000	1,250,000	6,250,000
Statewide Transportation Enhancements	400,000	100,000	500,000
Statewide ITS	5,000,000	1,250,000	6,250,000
Statewide Design and Right of Way	2,400,000	600,000	3,000,000
Statewide Interstate Maintenance Program	50,400,000	5,600,000	56,000,000
Statewide Railroad Grade Crossings	400,000	100,000	500,000
<b>Subtotal Statewide Infrastructure Items:</b>	<b>\$78,440,000</b>	<b>\$12,610,000</b>	<b>\$91,050,000</b>
<b>Other Statewide Items:</b>			
Award Adjustments, Change Orders, Project Value Changes, Etc.	\$35,000,000	\$8,750,000	\$43,750,000
Planning	14,400,000	3,600,000	18,000,000
DBEs, CEPO, Pavement Lab Retrofits, and Misc. Programs	600,000	150,000	750,000
<b>Subtotal Other Statewide Items:</b>	<b>\$50,000,000</b>	<b>\$12,500,000</b>	<b>\$62,500,000</b>
<b>Regional Major Infrastructure Projects:</b>	<b>\$40,000,000</b>	<b>\$10,000,000</b>	<b>\$50,000,000</b>
<b>Bridge Program:</b>			
Statewide Bridge Repl. / Rehab Program	\$87,186,662	\$21,796,666	\$108,983,328
Statewide Bridge Preservation Program	8,000,000	2,000,000	10,000,000
Statewide Bridge Inspection Program	4,400,000	1,100,000	5,500,000
<b>Subtotal Federal Aid Bridge Program:</b>	<b>\$99,586,662</b>	<b>\$24,896,666</b>	<b>\$124,483,328</b>
<b>Regional Targets:</b>			
Regional CMAQ Targets:	\$24,000,000	\$6,000,000	\$30,000,000
Regional Non-CMAQ Targets:	\$85,286,338	\$21,321,585	\$106,607,923
<b>Total Regional Targets:</b>	<b>\$109,286,338</b>	<b>\$27,321,585</b>	<b>\$136,607,923</b>

Region	Regional Share (%)	Regional Non- CMAQ Target With State Match	Regional CMAQ Target With State Match	Total Regional Target With State Match
Berkshire Region	3.5596	\$3,794,863	1,067,893	\$4,862,756
Boston Region	42.9671	45,806,336	12,890,131	58,696,467
Cape Cod	4.5851	4,888,124	1,375,542	6,263,667
Central Mass	8.6901	9,264,368	2,607,039	11,871,407
Franklin Region	2.5397	2,707,570	761,924	3,469,494
Martha's Vineyard	0.3100	330,452	92,991	423,442
Merrimack Valley	4.4296	4,722,259	1,328,867	6,051,126
Montachusett	4.4596	4,754,238	1,337,866	6,092,104
Nantucket	0.2200	234,514	65,993	300,507
Northern Middlesex	3.9096	4,187,953	1,172,883	5,340,836
Old Colony	4.5595	4,860,835	1,367,863	6,228,698
Pioneer Valley	10.8099	11,524,230	3,242,976	14,767,206
Southeastern Mass	8.9601	9,552,181	2,688,031	12,240,212
<b>Total:</b>	<b>100.00</b>	<b>\$106,607,923</b>	<b>\$30,000,000</b>	<b>\$136,607,923</b>

Note 1: Base Obligation Authority includes Estimated Equity Bonus Exempt from Limitation

Massachusetts Highway Department  
Summary of Operating and Maintenance Expenditures  
State Total - Part 1: Non-Federal Aid

**Section I - Non Federal Aid Maintenance Projects - State Bondfunds**

**DRAFT 4/10/2006**

Program Group/Sub Group	SFY 2005 NFA Expenditures	Projected Full Year SFY 2006 NFA Expenditures	Estimated SFY 2007 NFA Expenditures
<b>01 - Bridge Repair &amp; Replacement</b>			
New Bridge (Excluded)			
Bridge Replacement ( Excluded)			
Bridge Reconstruction/Rehab	\$15,503,919	\$15,762,714	\$15,633,317
Drawbridge Maintenance	\$5,425,782	\$5,148,407	\$5,287,094
Structure Maintenance	\$27,613,551	\$33,384,581	\$30,499,066
<b>02 - Bridge Painting</b>			
Painting - Structural	\$1,246,113	\$2,024,555	\$1,635,334
<b>03 - Roadway Reconstruction</b>			
Hwy Relocation (Excluded)			
Hwy Recon. - Added Capacity(Excluded)			
Hwy Recon - Added Capacity( Excluded)			
New Construction (Excluded)			
Hwy Reconstr - Restr and Rehab	\$538,637	\$944,706	\$741,672
Hwy Reconstr - No Added Capacity	\$15,095,507	\$11,682,030	\$13,388,769
Hwy Reconstr - Minor Widening	\$2,876,198	\$1,933,245	\$2,404,722
<b>04 - Roadway Resurfacing</b>			
Resurfacing	\$15,554,343	\$17,666,207	\$16,610,275
<b>05 - Intersection &amp; Safety</b>			
Impact Attenuators	\$1,023,381	\$167,211	\$595,296
Safety Improvements	\$2,710,231	\$471,410	\$1,590,820
Traffic Signals	\$1,271,631	\$3,053,556	\$2,162,594
<b>06 - Signs &amp; Lighting</b>			
Lighting and Electrical	\$1,088,718	\$1,541,379	\$1,315,049
Sign Installation / Upgrading	\$592,868	\$669,440	\$631,154
Structural Signing	\$54,456	\$1,559,870	\$807,163
<b>07 - Guardrail</b>			
Guard Rail and Fencing	\$860,229	\$1,818,260	\$1,339,244
<b>08 - Maintenance</b>			
Catch Basin Cleaning	\$4,154,962	\$3,993,510	\$4,074,236
Crack Sealing	\$443,175	\$424,841	\$434,008
Landscape and Roadside Develop	\$1,956,688	\$1,878,894	\$1,917,791
Mowing and Spraying	\$0	\$232,518	\$116,259
Pavement Marking	\$3,554,162	\$5,763,282	\$4,658,722
Sewer and Water	\$0	\$495,362	\$247,681
<b>09 - Facilities</b>			
Chemical Storage Sheds	\$818,735	\$175,433	\$497,084
<b>10 - Bikeways (Excluded)</b>			
<b>11 - Other</b>			
Miscellaneous / No Prequal	\$1,605,209	\$1,731,276	\$1,668,243
<b>Section I Total:</b>	<b>\$103,988,495</b>	<b>\$112,522,682</b>	<b>\$108,255,588</b>

**Section II - Non Federal Aid Highway Operations - State Operating Budget Funding**

<b>12 - Snow and Ice Operations &amp; Materials</b>	\$105,772,259	\$70,000,000	\$87,886,130
<b>13 - District Maintenance</b> ( Mowing, Litter Management, Sight Distance Clearing, Etc. )	\$17,670,166	\$15,477,523	\$16,573,844
<b>Section II Total:</b>	<b>\$123,442,425</b>	<b>\$85,477,523</b>	<b>\$104,459,974</b>

**Grand Total NFA: \$227,430,920 \$198,000,204 \$212,715,562**

Massachusetts Highway Department  
Summary of Operating and Maintenance Expenditures  
State Total - Part 2: Federal Aid

**Section I - Federal Aid Maintenance Projects**

**DRAFT 4/10/2006**

Program Group/Sub Group	SFY 2005 Federal Aid Expenditures	Projected Full Year SFY 2006 Federal Aid Expenditures	Estimated SFY 2007 Federal Aid Expenditures
<b>01 - Bridge Repair &amp; Replacement</b>			
New Bridge (Excluded)			
Bridge Replacement ( Excluded)			
Bridge Reconstruction/Rehab	\$29,484,452	\$29,854,449	\$29,669,451
Structure Maintenance	\$4,602,309	\$3,785,727	\$4,194,018
<b>02 - Bridge Painting</b>	\$0	\$0	\$0
<b>03 - Roadway Reconstruction</b>			
Hwy Relocation (Excluded)			
Hwy Recon. - Added Capacity(Excluded)			
Hwy Recon - Added Capacity( Excluded)			
New Construction (Excluded)			
Hwy Reconstr - Restr and Rehab	\$13,882,881	\$13,276,670	\$13,579,775
Hwy Reconstr - No Added Capacity	\$45,335,117	\$0	\$22,667,559
Hwy Reconstr - Minor Widening	\$14,909,278	\$26,835,176	\$20,872,227
<b>04 - Roadway Resurfacing</b>			
Resurfacing	\$60,734,147	\$91,010,952	\$75,872,550
<b>05 - Intersection &amp; Safety</b>			
Impact Attenuators	\$61,293	\$28,206	\$44,750
Safety Improvements	\$3,621,245	\$13,532,130	\$8,576,688
Traffic Signals	\$8,970,778	\$12,490,455	\$10,730,617
<b>06 - Signs &amp; Lighting</b>			
Lighting and Electrical	\$1,794,086	\$735,566	\$1,264,826
Sign Installation / Upgrading	\$813,563	\$1,442,297	\$1,127,930
<b>07 - Guardrail</b>			
Guard Rail and Fencing	\$3,064,653	\$1,771,473	\$2,418,063
<b>08 - Maintenance</b>			
Contract Highway Maintenance	\$215,870	\$97,040	\$156,455
Landscape and Roadside Develop	\$482,942	\$1,160,961	\$821,952
Pavement Marking	\$3,574	\$0	\$1,787
<b>09 - Facilities</b>	\$0	\$0	\$0
<b>10 - Bikeways (Excluded)</b>	\$0	\$0	\$0
<b>11 - Other</b>			
Intelligent Transportation Sys	\$904,090	\$1,733,751	\$3,000,000
Miscellaneous / No prequal	\$9,055,642	\$7,296,222	\$8,175,932
Reclamation	\$2,779,872	\$2,548,973	\$2,664,422
Total	\$200,715,792	\$207,600,045	\$205,838,998

**Section II - Federal Aid Highway Operations**

<b>11 - Other</b>			
ITS Operations - I-93 HOV Lane Operation and Towing	\$455,000	\$455,000	\$500,000
ITS Operations - Traffic Operations Center (South Boston)	\$550,000	\$550,000	\$550,000

**Grand Total Federal Aid:** \$201,170,792      \$208,055,045      \$206,338,998

Massachusetts Highway Department  
Summary of Operating and Maintenance Expenditures  
Old Colony - Part 1: Non-Federal Aid

**Section I - Non Federal Aid Maintenance Projects - State Bondfunds**

**DRAFT 4/10/2006**

Program Group/Sub Group	SFY 2005 NFA Expenditures	Projected Full Year SFY 2006 NFA Expenditures	Estimated SFY 2007 NFA Expenditures
<b>01 - Bridge Repair &amp; Replacement</b>			
New Bridge (Excluded)			
Bridge Replacement ( Excluded)			
Bridge Reconstruction/Rehab	\$706,901	\$718,701	\$712,801
Drawbridge Maintenance	\$247,389	\$234,742	\$241,065
Structure Maintenance	\$1,259,040	\$1,522,170	\$1,390,605
<b>02 - Bridge Painting</b>			
Painting - Structural	\$56,817	\$92,310	\$74,563
<b>03 - Roadway Reconstruction</b>			
Hwy Relocation (Excluded)			
Hwy Recon. - Added Capacity(Excluded)			
Hwy Recon - Added Capacity( Excluded)			
New Construction (Excluded)			
Hwy Reconstr - Restr and Rehab	\$24,559	\$43,074	\$33,817
Hwy Reconstr - No Added Capacity	\$688,280	\$532,642	\$610,461
Hwy Reconstr - Minor Widening	\$131,140	\$88,146	\$109,643
<b>04 - Roadway Resurfacing</b>			
Resurfacing	\$709,200	\$805,491	\$757,345
<b>05 - Intersection &amp; Safety</b>			
Impact Attenuators	\$46,661	\$7,624	\$27,143
Safety Improvements	\$123,573	\$21,494	\$72,533
Traffic Signals	\$57,980	\$139,227	\$98,603
<b>06 - Signs &amp; Lighting</b>			
Lighting and Electrical	\$49,640	\$70,279	\$59,960
Sign Installation / Upgrading	\$27,032	\$30,523	\$28,777
Structural Signing	\$2,483	\$71,122	\$36,803
<b>07 - Guardrail</b>			
Guard Rail and Fencing	\$39,222	\$82,904	\$61,063
<b>08 - Maintenance</b>			
Catch Basin Cleaning	\$189,445	\$182,084	\$185,765
Crack Sealing	\$20,207	\$19,371	\$19,789
Landscape and Roadside Develop	\$89,215	\$85,668	\$87,442
Mowing and Spraying	\$0	\$10,602	\$5,301
Pavement Marking	\$162,052	\$262,777	\$212,414
Sewer and Water	\$0	\$22,586	\$11,293
<b>09 - Facilities</b>			
Chemical Storage Sheds	\$37,330	\$7,999	\$22,665
<b>10 - Bikeways (Excluded)</b>			
<b>11 - Other</b>			
Miscellaneous / No Prequal	\$73,190	\$78,938	\$76,064
<b>Section I Total:</b>	<b>\$4,741,355</b>	<b>\$5,130,472</b>	<b>\$4,935,914</b>

**Section II - Non Federal Aid Highway Operations - State Operating Budget Funding**

<b>12 - Snow and Ice Operations &amp; Materials</b>	\$4,822,686	\$3,191,650	\$4,007,168
<b>13 - District Maintenance</b> ( Mowing, Litter Management, Sight Distance Clearing, Etc. )	\$805,671	\$705,698	\$755,684
<b>Section II Total:</b>	<b>\$5,628,357</b>	<b>\$3,897,348</b>	<b>\$4,762,853</b>

<b>Grand Total NFA:</b>	<b>\$10,369,713</b>	<b>\$9,027,819</b>	<b>\$9,698,766</b>
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Massachusetts Highway Department  
Summary of Operating and Maintenance Expenditures  
Old Colony Region - Part 2: Federal Aid

**Section I - Federal Aid Maintenance Projects**

**DRAFT 4/10/2006**

Program Group/Sub Group	SFY 2005 Federal Aid Expenditures	Projected Full Year SFY 2006 Federal Aid Expenditures	Estimated SFY 2007 Federal Aid Expenditures
<b>01 - Bridge Repair &amp; Replacement</b>			
New Bridge (Excluded)			
Bridge Replacement ( Excluded)			
Bridge Reconstruction/Rehab	\$1,344,344	\$1,361,214	\$1,352,779
Structure Maintenance	\$209,842	\$172,610	\$191,226
<b>02 - Bridge Painting</b>	\$0	\$0	\$0
<b>03 - Roadway Reconstruction</b>			
Hwy Relocation (Excluded)			
Hwy Recon. - Added Capacity(Excluded)			
Hwy Recon - Added Capacity( Excluded)			
New Construction (Excluded)			
Hwy Reconstr - Restr and Rehab	\$632,990	\$605,350	\$619,170
Hwy Reconstr - No Added Capacity	\$2,067,055	\$2,668,676	\$2,367,865
Hwy Reconstr - Minor Widening	\$679,789	\$1,223,550	\$951,669
<b>04 - Roadway Resurfacing</b>			
Resurfacing	\$2,769,173	\$4,149,644	\$3,459,409
<b>05 - Intersection &amp; Safety</b>			
Impact Attenuators	\$2,795	\$1,286	\$2,040
Safety Improvements	\$165,111	\$616,997	\$391,054
Traffic Signals	\$409,023	\$569,502	\$489,262
<b>06 - Signs &amp; Lighting</b>			
Lighting and Electrical	\$81,801	\$33,538	\$57,670
Sign Installation / Upgrading	\$37,094	\$65,762	\$51,428
<b>07 - Guardrail</b>			
Guard Rail and Fencing	\$139,733	\$80,770	\$110,252
<b>08 - Maintenance</b>			
Contract Highway Maintenance	\$9,843	\$4,425	\$7,134
Landscape and Roadside Develop	\$22,020	\$52,934	\$37,477
Pavement Marking	\$163	\$0	\$81
<b>09 - Facilities</b>	\$0	\$0	\$0
<b>10 - Bikeways (Excluded)</b>	\$0	\$0	\$0
<b>11 - Other</b>			
Intelligent Transportation Sys	\$41,222	\$99,796	\$70,509
Miscellaneous / No prequal	\$412,892	\$42,786	\$227,839
Reclamation	\$126,748	\$116,220	\$121,484
Total	\$9,151,637	\$11,865,060	\$10,508,348

**Section II - Federal Aid Highway Operations**

<b>11 - Other</b>			
ITS Operations - I-93 HOV Lane Operation and Towing	\$0	\$0	\$0
ITS Operations - Traffic Operations Center (South Boston)	\$0	\$0	\$0

<b>Grand Total Federal Aid:</b>	<b>\$9,151,637</b>	<b>\$11,865,060</b>	<b>\$10,508,348</b>
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**Old Colony MPO  
Operations and Maintenance Summary Table  
For the Brockton Area Transit Authority  
State Fiscal Year 2006**

The numbers below represent actual numbers for the previous year, the current year budget/forecast approved by the RTA Advisory Board, and Projections for the out-years as used in the Program Preview meetings with the State. The figures provided in the below table are estimates and a forecast of projected funds necessary to meet the operating needs of the regional transit authority

<b>Operating Revenue</b>	<b>Previous</b>	<b>Current</b>	<b>Yr Two</b>	<b>Yr. Three</b>	<b>Yr Four</b>
	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>
Farebox	2,731,644	2,814,000	2,865,000	2,958,278	3,135,485
Section 5307	1,400,525	1,700,000	1,950,000	2,050,000	2,150,000
Section 5311					
CMAQ/TDM					
Fully Funded *					
Job Access/Reverse Commute	135,000	160,000	170,000	170,000	170,000
Advertising	25,232	45,000	46,000	60,000	60,000
Interest Income	44,912	55,500	75,000	100,000	100,000
Rental Income	24,520	27,000	30,000	30,000	25,000
State Contract Assistance **	4,814,091	5,056,032	5,273,783	5,450,000	5,650,000
Local Assessment	1,960,944	2,009,968	2,060,217	2,111,722	2,164,515
Other: (Define)	255,342	175,000	159,000	170,000	170,000
<b>TOTAL</b>	<b>11,392,210</b>	<b>12,042,500</b>	<b>12,629,000</b>	<b>13,100,000</b>	<b>13,625,000</b>

<b>Operating Expenses ***</b>	<b>Previous</b>	<b>Current</b>	<b>Yr Two</b>	<b>Yr. Three</b>	<b>Yr Four</b>
	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>
<b>TOTAL (See Description Below)</b>	<b>11,392,210</b>	<b>12,042,500</b>	<b>12,629,000</b>	<b>13,100,000</b>	<b>13,625,000</b>

Footnotes:

\* Fully funded refers to contract work often to Human Service Agencies

\*\* Operating assistance provided by the State

\*\*\* Description of Operating Expenses: Salaries and Wages; Fringe Benefits; Legal, Accounting and Professional Services; Promotion/Marketing; Insurance; Equipment Leases and Rentals; Real Property Leases and Rentals; Non-capitalized Maintenance/Repair; Fuel costs; Tire costs; Office Supplies and Equipment; Interest Expense; Utilities; Management Fees; Travel and Training; and Other miscellaneous expense items.