

***CAPE COD METROPOLITAN PLANNING ORGANIZATION (MPO)***

***CAPE COD***

**T** RANSPORTATION

**I** MPROVEMENT

**P** ROGRAM

**A** MENDMENT

*Federal Fiscal Years 2010-2013*



***TIP AMENDMENT, DECEMBER 2009***



## CAPE COD COMMISSION

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*Cape Cod Metropolitan Planning Organization*  
***Cape Cod Transportation Improvement Program (TIP)***  
***Amendment***

for Federal Fiscal Years (FFY) 2010, 2011, 2012, and 2013  
(October 1, 2009 - September 30, 2013)

prepared by the

***Cape Cod Metropolitan Planning Organization***

Jeffrey B. Mullan, Secretary / Chief Executive Officer, Massachusetts Department of Transportation

Luisa Paiewonsky, Administrator, Massachusetts Department of Transportation, Highway Division

John D. Harris, Chair, Cape Cod Commission

Ronald J. Bergstrom, Chairman, Cape Cod Regional Transit Authority

William Doherty, MPO Representative, Barnstable County Commissioners

Frederick Chirigotis, President, Barnstable Town Council

Wayne Taylor, Mashpee Selectman, for Bourne, Falmouth, Mashpee, Sandwich

Lawrence P. Cole, Ph.D., Harwich Selectman, for Brewster, Chatham, Dennis, Harwich, Yarmouth

Aimee Eckman, Eastham Selectman, for Eastham, Orleans, Provincetown, Truro, Wellfleet

*and the*

***Cape Cod Joint Transportation Committee***

George Allaire, Chairman, Yarmouth

Robert Burgmann, Vice-Chairman, Barnstable

**Cape Cod TIP Amendment**  
**FFY 2010-2013**  
**December 21, 2009**

CCC TIP Staff Contact:

Priscilla N. Leclerc, Senior Transportation Planner, Cape Cod Commission

This report was funded in part through grants from the Federal Highway Administration and Federal Transit Administration, United States Department of Transportation (USDOT). The views and opinions of the Cape Cod Metropolitan Planning Organization expressed herein do not necessarily state or reflect those of the USDOT.

# **CAPE COD METROPOLITAN PLANNING ORGANIZATION**

Cape Cod Transportation Improvement Program (TIP)  
Endorsement, Certification Statements, and Signatures

## **ENDORSEMENT, TIP**

The signatures to follow certify that the Cape Cod Metropolitan Planning Organization (MPO) hereby endorses the *Cape Cod Transportation Improvement Program (TIP) Amendment for Federal Fiscal Years 2010-2013* in fulfillment of the requirements of 23 CFR Part 450.324.

## **CERTIFICATION**

### **Air Quality Conformity**

Whereas, the 1990 Clean Air Act Amendments (CAAA) require Metropolitan Planning Organizations within non-attainment areas and/or attainment areas with maintenance plans 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;

Whereas, the air quality conformity analysis prepared for the 2010 – 2013 Transportation Improvement Program also demonstrates air quality conformity of the Cape Cod 2007 Regional Transportation Plan, and that all regionally significant transportation projects in the 2010 – 2013 Transportation Improvement Program are contained in the 2007 Regional Transportation Plan, and that all regionally significant projects in the 2014 to 2030 timeframe of the Regional Transportation Plan are modeled in the 2010 – 2013 Transportation Improvement Program's air quality conformity analyses;

Whereas, the Cape Cod MPO 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 the FFY 2010-2013 TIP is financially constrained and that implementation of the Cape Cod 2007 Regional Transportation Plan satisfies the conformity criteria specified in both 40 CFR Part 51 and 93 (8/15/1997) and 310 CMR 60.03 (12/30/1994). Based on the results of the conformity analyses, the Cape Cod 2007 Regional Transportation Plan, the FFY 2010-2013 TIP, and the TIP Amendment FFY 2010-2013 are consistent with the air quality goals of, and in conformity with, the Massachusetts State Implementation Plan;

Therefore, in accordance with 23 CFR Part 450 Section 322 (Development and content of the Metropolitan Transportation Plan) of the March 16, 2007 Final Rules for Statewide and Metropolitan Planning, the MPO hereby endorses the *Cape Cod Transportation Improvement Program (TIP) Amendment for FFY 2010-2013*.

The Eastern Massachusetts Non Attainment area air quality conformity determination, with the emissions estimates and regionally significant projects, is included in full as part of Section A.

### **The Cape Cod Metropolitan Planning Organization (MPO) Planning Process**

The signatures to follow certify that the Comprehensive, Continuing, Cooperative Transportation Planning Process for the current local, regional, state, and federal fiscal years in the Cape Cod Metropolitan Planning Organization planning area is addressing major issues facing the region and is being conducted in accordance with the requirements of:


1. Section 134 Title 23, U.S.C., and Title 49 U.S.C. 5303, and this subpart;
2. Sections 174 and 176(c) & (d) of the Clean Air Act, as amended {42 U.S.C. 7504, 7506 (c) & (d)} and 40 CFR part 93;
3. Title VI of the Civil Rights Act of 1964, as amended {42 U.S.C. 2000d-1} and 49 CFR part 21;
4. 49 U.S.C. 5332, prohibiting discrimination on the basis of race, color, creed, national origin, sex, or age in employment or business opportunity;
5. Section 1101 (b) of the Safe, Accountable, Flexible, Efficient Transportation Equity Act: A Legacy for Users (SAFETEA-LU) (Pub. L. 109-59) and 49 CFR part 26 regarding the involvement of disadvantaged business enterprises (DBE) in USDOT funded projects;

6. 23 CRF part 230, regarding the implementation of an equal employment opportunity program on Federal and Federal-aid highway construction contracts;
7. The provisions of the Americans with Disabilities Act of 1990 (42 U.S.C. 12101 et seq.) and 49 CFR Parts 27, 37, and 38;
8. The Older Americans Act, as amended (42 U.S.C. 6101), prohibiting discrimination on the basis of age in programs or activities receiving Federal financial assistance;
9. Section 324 of title 23 U.S.C. regarding the prohibition of discrimination based on gender; and
10. Section 504 of the Rehabilitation Act of 1973 (29 U.S.C. 794) and 49 CFR part 27 regarding discrimination against individuals with disabilities.
11. Anti-lobbying restrictions found in 49 USC Part 20. No appropriated funds may be expended by a recipient to influence or attempt to influence an officer or employee of any agency, a Member of Congress, in connection with the awarding of any Federal contract.

The currently endorsed Unified Planning Work Program, Regional Transportation Plan, and the *Cape Cod Transportation Improvement Program (TIP) Amendment for Federal Fiscal Years 2010-2013* were developed in accordance with FHWA/FTA regulations, EPA regulations, and fully incorporate the applicable requirements of the 1964 Civil Rights Act and the Americans with Disabilities Act of 1990.

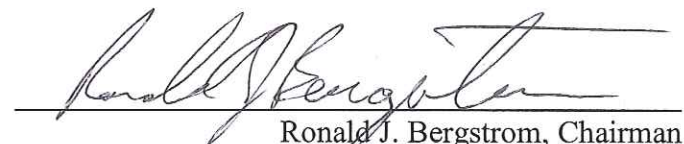
Date: December 21, 2009

**SIGNATORY CERTIFICATION:**

  
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 Jeffrey B. Mullan, Secretary/ CEO  
 Massachusetts Department of Transportation

  
 \_\_\_\_\_  
 Luisa Paiewonsky, Administrator  
 MassDOT Highway Division

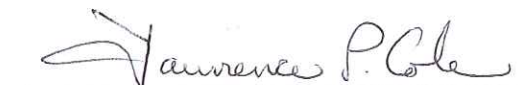
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 Barnstable Town Council

\_\_\_\_\_  
 Wayne Taylor, Selectman, Mashpee  
 Sub-Region A (Bourne, Falmouth, Mashpee, Sandwich)

  
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 Lawrence P. Cole, Ph.D., Selectman, Harwich  
 Sub-Region B (Brewster, Chatham, Dennis, Harwich, Yarmouth)

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 Aimee Eckman, Selectman, Eastham  
 Sub-Region C (Eastham, Orleans, Provincetown, Truro, Wellfleet)

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## A. INTRODUCTION

Federal legislation that contains requirements for transportation plans, programs and projects includes: *Safe, Accountable, Flexible, Efficient Transportation Equity Act: A Legacy for Users* (SAFETEA-LU) and the *Clean Air Act Amendments of 1990* (CAAA). Planning programs developed under the federal regulations for Cape Cod include: the Regional Transportation Plan (RTP) and the Transportation Improvement Program (TIP). Figure 1 “Overview of the Transportation Planning Process” is a flow chart of the planning process.

### A1. Safe, Accountable, Flexible, Efficient Transportation Equity Act: A Legacy for Users (SAFETEA-LU)

The *Safe, Accountable, Flexible, Efficient Transportation Equity Act: A Legacy for Users* (SAFETEA-LU) continues similar programs as were in the previous legislation, both *The Transportation Equity Act for the 21st Century* (TEA-21), enacted on June 9, 1998, and "ISTEA"—*the Intermodal Surface Transportation Efficiency Act of 1991*.

"SAFETEA-LU addresses the many challenges facing our transportation system today – challenges such as improving safety, reducing traffic congestion, improving efficiency in freight movement, increasing intermodal connectivity, and protecting the environment – as well as laying the groundwork for addressing future challenges. SAFETEA-LU promotes more efficient and effective Federal surface transportation programs by focusing on transportation issues of national significance, while giving State and local transportation decision makers more flexibility for solving transportation problems in their communities." This excerpt quoted from: SAFETEA-LU, A Summary of Highway Provisions, Federal Highway Administration, Office of Legislation and Intergovernmental Affairs, Program Analysis Team, August 25, 2005. With SAFETEA-LU expiring on September 30, 2009, discussions are underway on the next federal legislation.

### A2. Air Quality Conformity Status

#### A2a. Air Quality, Introduction and Background

The Commonwealth of Massachusetts is classified as serious nonattainment for ozone, and is divided into two nonattainment areas. The Eastern Massachusetts ozone nonattainment area includes Barnstable, Bristol, Dukes, Essex, Middlesex, Nantucket, Norfolk, Suffolk, and Worcester counties. Berkshire, Franklin, Hampden, and Hampshire counties comprise the Western Massachusetts ozone nonattainment area. With these classifications, 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.

In April 2002, the cities of Lowell, Waltham, Worcester and Springfield were re-designated to attainment for carbon monoxide with EPA-approved limited maintenance plans. In April 1996, the communities of Boston, Cambridge, Chelsea, Everett, Malden, Medford, Quincy, Revere, and Somerville were classified as attainment for carbon monoxide (CO). Air quality conformity analysis must still be completed in these communities, as they have a carbon monoxide maintenance plan approved into the state implementation plan (SIP). The year 2010 carbon monoxide motor vehicle

emission budget established for the Boston CO attainment area with a maintenance plan is 228.33 tons of carbon monoxide per winter day.

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 prior conformity determination occurred in the summer of 2007, 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 2007 in Massachusetts 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 2007 RTPs and related documents):

Between 2003 and 2006, several new conformity determinations were made that were triggered by various events, including: The 2003 regional transportation plans, a change in designation from the one-hour ozone standard to an eight-hour ozone standard, and various changes to regional TIPs that involved reprogramming transportation projects across analysis years.

In 2007, air quality analyses were conducted on behalf of all the 2007 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 2007 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.

On April 2, 2008, EPA found that the 2008 and 2009 motor vehicle emissions budgets in the January 31, 2008 Massachusetts 8-hour ozone State Implementation Plan revision were adequate for transportation conformity purposes. The submittal included 2008 and 2009 motor vehicle emission budgets for the Boston-Lawrence-Worcester (Eastern Massachusetts) and Springfield (Western Massachusetts) 8-hour ozone nonattainment areas. Massachusetts submitted these budgets as part of the 8-hour ozone attainment demonstration and reasonable further progress plan for both nonattainment areas, and as a result of EPA's adequacy finding, these budgets are required to be used for this and future conformity determinations.

## **Conformity Test**

The conformity test is to show consistency with the emissions budgets set forth in the SIP, and to contribute to reductions in CO nonattainment areas. In addition, the format of the conformity test is determined by evolving regulations. These regulations set specific requirements for different time periods depending on the timeframe of the Commonwealth's SIP submittals to EPA. These periods are defined as follows:

*Control Strategy Period:* Once a control strategy SIP has been submitted to EPA, EPA has to make a positive adequacy determination of the mobile source emission budget before such budget can be used for conformity purposes. The conformity test in this period is consistent with the mobile source emission budget.

*Maintenance Period* is the period of time beginning when the Commonwealth submits and EPA approves a request for redesignation to an attainment area, and lasting for 20 years. The conformity test in this period is consistent with the mobile source emission budget.

Horizon years for regional and state model analyses have been established following 40 CFR 93.106(a) of the Federal Conformity Regulations. The years for which the regional and state transportation models were run for emission estimates 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 NOx.
- 2010: Analysis Year – first year of TIP
- 2020: Analysis Year
- 2030: Horizon Year – last forecast year of regional transportation plans

### **Changes in Project Design since the Last Conformity Determination Analysis**

The milestone and analysis year transportation model networks are composed of projects proposed in this 2010-2013 TIP. Projects in these networks consist of all in-place “regionally significant” projects that can reasonably be expected to be completed by a given analysis/horizon year with consideration of available funding commitments. This project group would include, but not be limited to, regionally significant projects where at least one of the following steps has occurred within the past three years:

- Comes from the first year of a previously conforming TIP,
- Completed the NEPA process, or
- Currently under construction or are undergoing right-of-way acquisition

The Commonwealth requires that any changes in project design from the previous conformity determination for the region be identified. The last conformity determination was performed on the 2007 Regional Transportation Plan.

A complete listing of future regionally significant projects for the entire Eastern Massachusetts Ozone Non-Attainment Area is provided below:

### **Regionally Significant Projects Included in the Regional Transportation Models for the Eastern Massachusetts Ozone Non-Attainment Area**

<b>Analysis Year</b>	<b>Community</b>	<b>Project Description – Boston Region</b>
2020	Bedford	Middlesex Turnpike Improvements Phase 3 – widening Plank St. to Manning
2020	Boston	East Boston Haul Road/Chelsea Truck Route (new grade separated roadway)
2020*	Boston	Fairmount Line Improvements, including new stations
2020*	Boston	Russia Wharf Ferry Terminal
2020	Boston	Sullivan Square Improvements
2020	Boston Logan Airport	Consolidated Rental Car Facility (Boston Logan Airport)
2020	Braintree	Braintree Split - I-93/Route 3 Interchange
2020	Canton	I-95 (NB)/Dedham Street Ramp/Dedham Street Corridor (new ramp with widening on Dedham St. from I-95 to University Ave.)
2020	Concord, Lincoln	Route 2/Crosby's Corner (grade separation)
2020	Hanover	Route 53 Final Phase (widening to 4 lanes between Rte 3 and Rte 123)
2020	Hudson	Route 85 (capacity improvements from Marlborough TL to Rte 62)
2020	Marshfield	Route 139 Widening (to 4 lanes between School St. and Furnace St.)
2020	Newton, Needham	Needham Street/Highland Avenue (includes widening Charles River Bridge)
2020	Quincy	Quincy Center Concourse, Phase 2 (new roadway: Parking Way to Hancock)
2020	Revere	Wonderland Parking Garage
2020	Salem	Bridge Street (widening to 4 lanes between Flint and Washington St.)
2020*	Region wide	1000 Additional Park and Ride Spaces

2020	Somerville	Assembly Square Orange Line Station
2020	Somerville	Assembly Square Roadways (new and reconfigured)
2020*	Somerville, Cambridge	Green Line Extension from Lechmere Station to College Avenue
2020	Somerville, Medford	Green Line Extension from College Ave. to Mystic Valley Parkway (Route 16)
2020	Weymouth, Hingham, Rockland	South Weymouth Naval Air Station Access Improvements
2020	Weymouth	Route 18 Improvements (widening between Rte 3 and Rte 139)
2020	Wilmington	Tri-Town Interchange (new "Lowell Junction" interchange on I-93 between Route 125 and Dascomb Rd.)
2020	Woburn	Montvale Avenue (widening between Central St. to east of Washington St.)
2020	Woburn	New Boston Street Bridge (reestablish connection over MBTA Lowell line)
2030	Boston	Rutherford Avenue (new 4 lane bypass road)
2030	Canton	I-95/I-93 Interchange (new direct connect ramps)
2030	Framingham	Route 126/135 Grade Separation
2030	Malden, Revere, Saugus	Route 1 (widening from 4 to 6 lanes between Copeland Circle and Rt. 99)
2030	Reading, Woburn, Stoneham	I-93/I-95 Interchange (new direct connect ramps)
TBD*	Boston	Red Line/Blue Line Connector – Design Only
<b>Analysis Year</b>	<b>Community</b>	<b>Project Description - Cape Cod Region</b>
2020	Barnstable	Barnstable Airport Access
2020	Barnstable	Yarmouth Rd. /Rte 28 (widening to 4 lanes) with Hyannis Rotary improvements
2030	Bourne	Bourne Rotary Long-Term Improvements
2030	Bourne, Sandwich	Bourne-Sandwich Parkway (widening to 4 lanes)
<b>Analysis Year</b>	<b>Community</b>	<b>Project Description - Central Massachusetts Region</b>
2020	Charlton, Oxford	Route 20 Widening
2020	Auburn, Shrewsbury, Worcester	Route 20 Widening – selected locations
2020	Worcester	I-290 / Vernon St. / Kelley Square (new interchange and square realignment)
2030	Millbury, Sutton	Route 146 Improvements – add frontage roads to create limited access roadway between a new interchange (at Boston Rd.) and existing I-90 interchange
<b>Analysis Year</b>	<b>Community</b>	<b>Project Description – Martha’s Vineyard Region</b>
n/a	n/a	none
<b>Analysis Year</b>	<b>Community</b>	<b>Project Description – Merrimack Valley Region</b>
2020	Amesbury	Route 110 from I-495 to I-95 (widen from 2 lanes to 4)
2020	Andover	Burt Road extension – improve access to Route 125
2020	Andover	Tri-Town Interchange (new "Lowell Junction" interchange on I-93 between Route 125 and Dascomb Rd.) and I-93 widening to 4 lanes in each direction from new interchange/current "lane drop" area to I-495.
2020	Georgetown	Georgetown Industrial Park Access Road from Route 133
2020	Lawrence	Route 114 (widening from I-495 to Waverly Road)
2020	Lawrence	I-495 over Merrimack River (widening and add new ramps)
2020	Methuen	Route 110/113 (Methuen Rotary – new interchange ramps at I-93)
2020	Newburyport, Amesbury	I-95 over Merrimack River (Whittier Bridge widening from 6 to 8 lanes)
2030	Andover, Methuen	I-93 – widening to 4 travel lanes in each direction from I-495 to NH line
2030	Newburyport	Hale Street Industrial Park access from I-95
<b>Analysis Year</b>	<b>Community</b>	<b>Project Description – Montachusett Region</b>
2020	Athol	New Interchange on Route 2 at South Athol Road
2020	Fitchburg, Leominster, Sterling	Routes 12 and 13 (various improvements to on and off ramps)
<b>Analysis Year</b>	<b>Community</b>	<b>Project Description – Nantucket Region</b>
n/a	n/a	none
<b>Analysis Year</b>	<b>Community</b>	<b>Project Description – Northern Middlesex Region</b>
2020	Billerica	Middlesex Turnpike Improvements Phase 3 – widening Plank St. to Manning
2020	Tewksbury	Tri-Town Interchange (new "Lowell Junction" interchange on I-93 between Route 125 and Dascomb Rd.)

Analysis Year	Community	Project Description – Old Colony Region
2020	Abington	Route 18 - Widening to 4 Lanes from Route 139 to Highland Place
2020	Kingston	Route 3 - Add SB On Ramp from Cranberry Dr (near Kingston Rail Station)
2020	Plymouth	Route 3 – Expand to fully directional interchange at Clark Rd. (Exit 3)
2030	Bridgewater	Route 24 - Add Northbound Slip Ramp from Route 104 WB to Route 24 NB
2030	Brockton	Main Street, Warren Avenue, Spring Street, West Elm Street, Belmont Street - Reestablish Two-Way Circulation
2030	Brockton	Route 123 - Widen from Route 24 to Linwood Street
2030	Kingston, Plymouth	Route 3 - Widening from 4 to 6 Lanes between Hingham and Rte 44
2030	Plymouth	Route 25 - Add New Interchange Before Exit 1 and connect to Bourne Road
2030	Plymouth	Route 3 - Add NB Off-ramp to Plimouth Plantation Hwy. and SB On/off Ramp to Camelot Dr.
2030	Plymouth	Route 3 - Add Northbound on-Ramp at Long Pond Road (Exit 5)
2030	West Bridgewater	Route 106 - Widening from 2 to 4 Lanes between Route 24 and Route 28
Analysis Year	Community	Project Description – Southeastern Massachusetts Region
2020	Dartmouth	Route 6 (Faunce Corner Rd) / I-195 Interchange - Bridge Widening to 4 Lanes
2020	Fall River, Somerset	New Brightman Street Bridge (widening from 2 to 4 lanes)
2020	Freetown	Route 24 - New Interchange (Exit 8 ½)
2020	Mansfield	Route 140 / I-495 New Southbound On-Ramp
2020	New Bedford	Kings Highway - Corridor Widening
2020	Middleborough	Route 44 - Widening from Rte 24 to Rte 58 and Remove Middleboro Rotary
2030	Fall River	Route 79/Davol Street (interchange improvements and new traffic circulation)
2030	Taunton	Route 24 / 140 - Interchange Reconstruction
2030	Taunton, Raynham	Route 24 - Widening from Route 140 to I-495

Note: \* = Listed as SIP Commitment (State Implementation Plan)

## Air Quality Conformity Analysis

Specific information regarding the analysis and modeling methods, latest planning assumptions, and consultation procedures are all detailed in the 2007 RTP and appendices. The emissions from the following MPOs have been combined to show conformity with the SIP for the Eastern Massachusetts Nonattainment Area:

- 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 Economic Development Commission\*

\* These regions do not contain any official urbanized areas, but are treated as MPOs for planning purposes.

Using the latest planning assumptions, the Executive Office of Transportation, Office of Transportation Planning, estimated the emissions for VOC and NOx for all areas and all MPOs through a combination of the statewide and selected regional travel demand models (and with assistance from MPO staff). The VOC mobile source emission budget for 2009 and beyond for the Eastern Massachusetts Nonattainment Area has been set at 63.50 tons per summer day and the 2009 (and beyond) mobile source budget for NOx is 174.96 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 Nonattainment Area:

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

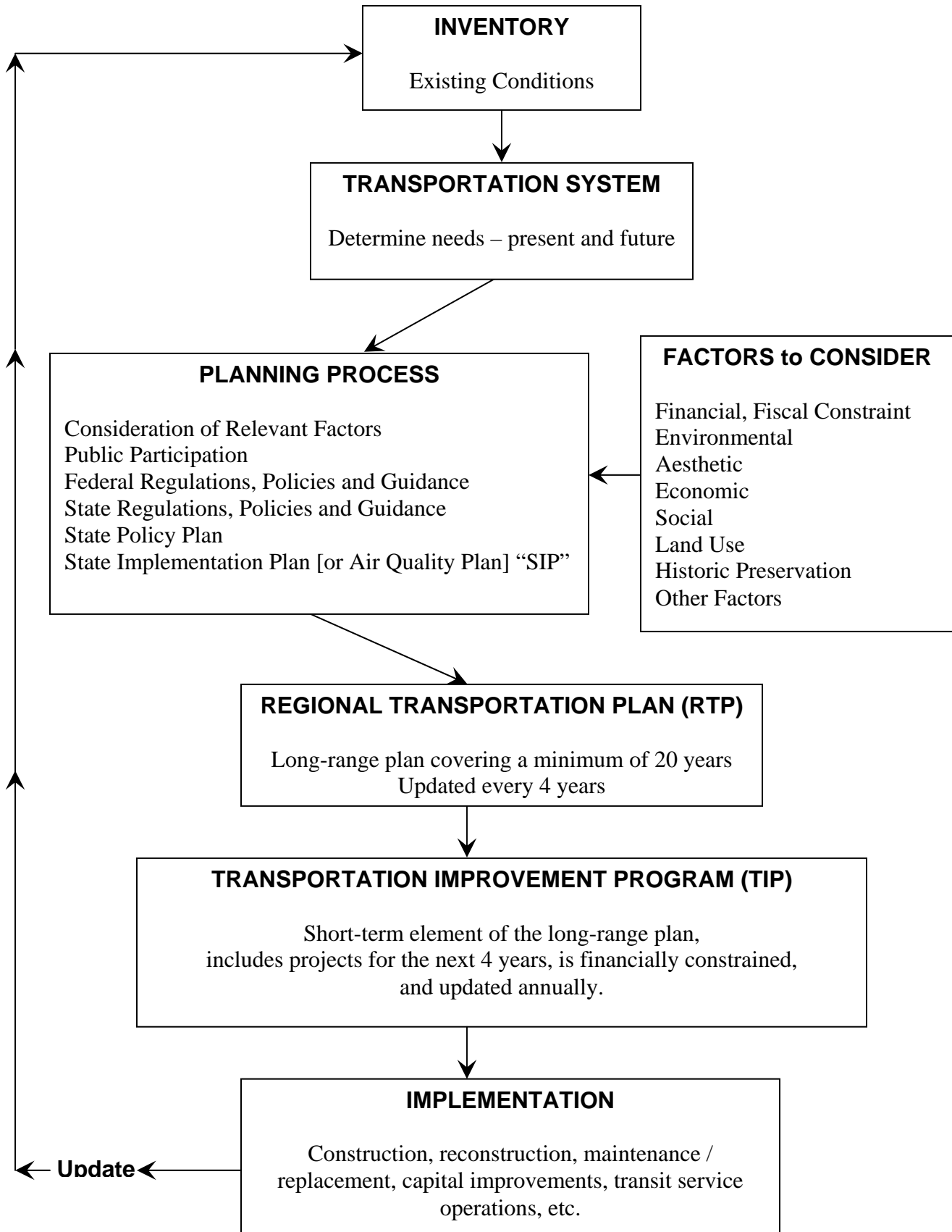
<b>Year</b>	<b>Cape Cod MPO</b>	<b>Eastern MA Action Emissions</b>	<b>Budget</b>	<b>Difference (Action – Budget)</b>
2000	n/a	166.545	n/a	n/a
2010	3.0210	59.155	63.50	-4.345
2020	1.6646	32.415	63.50	-31.085
2030	1.5792	30.412	63.50	-33.088

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

<b>Year</b>	<b>Cape Cod MPO</b>	<b>Eastern MA Action Emissions</b>	<b>Budget</b>	<b>Difference (Action – Budget)</b>
2000	n/a	287.877	n/a	n/a
2010	7.6853	162.637	174.96	-12.323
2020	2.1137	48.148	174.96	-126.812
2030	1.4042	32.743	174.96	-142.217

This conformity determination analysis has been prepared in accordance with EPA's final conformity regulations. The air quality analyses outlined in this document demonstrate that the implementation of the TIP satisfies the conformity criteria where applicable and is consistent with the air quality goals in the Massachusetts SIP. Specifically, the Cape Cod Metropolitan Planning Organization (MPO) has found the emission levels from this FY 2010-2013 TIP – in combination with the emission levels from the other MPOs in its nonattainment area – demonstrate conformity with the SIP. Therefore, the FFY 2010 - 2013 Transportation Improvement Program (TIP) is in conformity with the SIP where required.

Figure 1 OVERVIEW OF TRANSPORTATION PLANNING PROCESS



### **A3. Cape Cod Transportation Improvement Program and MPO**

The **Cape Cod Transportation Improvement Program (TIP)** is devised from the Regional Transportation Plan (RTP) and includes the short-term transportation projects proposed for implementation in the next four years. The TIP is required to be updated every four years, and typically, in Massachusetts the TIP is updated each year. The development of the TIP occurs in coordination with the statewide schedule, and usually results in a statewide program of projects in place and submitted for federal approvals prior to the beginning of the Federal Fiscal Year on October 1. TIP development generally leads to action on endorsement by the **Cape Cod Metropolitan Planning Organization (MPO)** in July or August.

The TIP is a listing of federal aid eligible transportation projects for Cape Cod that is prepared by the Cape Cod Commission (CCC) transportation staff, the Cape Cod Regional Transit Authority (CCRTA) staff, Executive Office of Transportation and Public Works staff, Massachusetts Highway Department staff, and the Cape Cod Joint Transportation Committee (CCJTC) along with public input, and in cooperation with state and federal agencies. The TIP must be financially constrained to financial estimates developed cooperatively with federal, state, and regional participants. The TIP must conform with the air quality plans and programs.

The **MPO** consists of the Executive Office of Transportation and Public Works (EOT) Secretary, the Massachusetts Highway Department (MHD) Commissioner, the Cape Cod Commission (CCC) Chairman, Cape Cod Regional Transit Authority (CCRTA) Chairman, Barnstable County Commissioner Chairman, Barnstable Town Council Chairman, and three Selectmen representing three Cape Cod sub-regions. The Federal Highway Administration, Federal Transit Administration, Army Corps of Engineers, Cape Cod National Seashore, the Woods Hole, Martha's Vineyard and Nantucket Steamship Authority, and the Chair of the Cape Cod Joint Transportation Committee serve as non-voting members of the MPO. The Cape Cod Joint Transportation Committee (CCJTC), with members from all fifteen Barnstable County towns and a bicycle representative, is also the MPO advisory group. The TIP must be endorsed by the Cape Cod Metropolitan Planning Organization (MPO) members, combined with other regional TIP s into the State Transportation Improvement Program (STIP), and approved by federal agencies in order for any federal aid transportation projects to proceed.

### **A4. Public Participation Process**

#### **A4a. Schedule and Public Participation**

Pursuant to Federal Highway Administration 23 CFR Part 450 and Federal Transit Administration 49 CFR, the Cape Cod Transportation Improvement Program (TIP) was developed locally, and is based on the latest Regional Transportation Plan (RTP). The RTP development discussions with various representatives, including those from Cape Air, Barnstable Municipal Airport, Cape Cod Central Railroad, Plymouth & Brockton bus, Steamship Authority, and the HyLine Ferry—assisted in the RTP recommended strategies, studies, and items to implement. In the fifteen towns on Cape Cod, the TIP project time frame has averaged approximately ten years from concept to construction, and the Cape Cod Joint Transportation Committee (CCJTC) strives to improve communication and processes related to the project development process. Project evaluation and status discussions occur primarily in the open public CCJTC meetings—with representatives of the Massachusetts Highway Department (MHD) and the Executive Office of Transportation (EOT) typically present and participating. Project proponents and/or consultants on TIP projects are often present as well. The CCJTC includes representatives from each town (typically representatives of public works, engineering and planning departments), a bicycle representative, as well as representatives of EOT, MHD, CCC, CCRTA, and other local groups. Each

year an annual discussion with regional, state, and federal partners on the federal and state financial resources for the collective TIPs is held jointly—this year it was held on May 28, 2009. The Cape Cod Commission has been a regular attendee to these statewide meetings and related discussions for information exchange. All of the CCJTC meetings are open to the public and are typically held on a monthly basis.

This TIP was produced in accordance with the latest Public Participation Program (PPP) established for the Cape Cod Region. The Draft TIP is available online at the Web site: [www.gocapecod.org/tip](http://www.gocapecod.org/tip). Some of the meetings related to the development of the TIP for discussion and/or endorsement include:

- Oct. 22, 2008 Public meeting (RTP-TIP-Env), Wed., October 22, 2008, 2:00 p.m., Hyannis Transportation Center, Barnstable
- Nov. 7, 2008 CCJTC meeting (TIP-Env; HSIP), Fri., Nov. 7, 2008, 8:30 a.m., Cape Cod Commission Offices, Barnstable
- Jan. 26, 2009 MPO meeting, Monday, January 26, 2009, 1:00 p.m., Cape Cod Commission Offices, Barnstable
- Feb. 6, 2009 CCJTC meeting, Friday, February 6, 2009, 8:30 a.m., Cape Cod Commission Offices, Barnstable
- Feb. 25, 2009 MPO meeting, Wednesday, February 25, 2009, 2:00 p.m., Cape Cod Commission Offices, Barnstable
- Mar. 6, 2009 CCJTC meeting, Friday, March 6, 2009, 8:30 a.m., Cape Cod Commission Offices, Barnstable
- Mar. 30, 2009 MPO meeting, Monday, March 30, 2009, 1:00 p.m., Cape Cod Commission Offices, Barnstable
- Apr. 3, 2009 CCJTC meeting, Friday, April 3, 2009, 8:30 a.m., Cape Cod Commission Offices, Barnstable
- May 1, 2009 CCJTC meeting, Friday, May 1, 2009, 8:30 a.m., Cape Cod Commission Offices, Barnstable
- May 28, 2009 Quarterly Issues Task Force meeting, Thursday, May 28, 2009, 9:30 a.m., Sutton, MA
- June 3, 2009 Projects meeting, Wednesday, June 3, 2009, 10:30 a.m., MHD District 5 Office, Taunton, MA
- June 5, 2009 CCJTC meeting, Friday, June 5, 2009, 8:30 a.m., Cape Cod Commission Offices, Barnstable
- July 10, 2009 CCJTC meeting, Friday, July 10, 2009, 8:30 a.m., Cape Cod Commission Offices, Barnstable
- July 20, 2009 MPO meeting, Monday, July 20, 2009, 1:00 p.m., Cape Cod Commission Offices, Barnstable
- Aug. 7, 2009 CCJTC meeting, Friday, August 7, 2009, 8:30 a.m., Cape Cod Commission Offices, Barnstable
- Aug. 24, 2009 MPO meeting, Monday, August 24, 2009, 12:00 p.m., Cape Cod Commission Offices, Barnstable
- Sept. 4, 2009 CCJTC meeting, Friday, September 4, 2009, 8:30 a.m., Cape Cod Commission Offices, Barnstable
- Sept. 17, 2009 Cape Cod Commission meeting, Thurs., Sept. 17, 2009, 3:00 p.m., Assembly of Delegates Chamber, Barns.
- Sept. 23, 2009 Projects meeting, Wednesday, Sept. 23, 2009, 1:00 p.m., Cape Cod Commission Offices, Barnstable
- Sept. 28, 2009 MPO meeting, Monday, September 28, 2009, 12:00 p.m., Cape Cod Commission Offices, Barnstable
- Nov. 6, 2009 CCJTC meeting, Friday, Nov. 6, 2009, 8:30 a.m., Cape Cod Commission Offices, Barnstable
- Nov. 16, 2009 MPO meeting, Monday, Nov. 16, 2009, 12:00 p.m., Cape Cod Commission Offices, Barnstable
- Dec. 4, 2009 CCJTC meeting, Friday, Dec. 4, 2009, 8:30 a.m., Cape Cod Commission Offices, Barnstable
- Dec. 21, 2009 MPO meeting, Monday, Dec. 21, 2009, 12:00 p.m., Cape Cod Commission Offices, Barnstable

Meetings are subject to change. For the latest information on the meetings of the Cape Cod Joint Transportation Committee (CCJTC), the Cape Cod Metropolitan Planning Organization (MPO), and/or the Cape Cod Commission (CCC), please call the CCC at 508-362-3828.

## **A5. Adjustment/Amendment Procedures & Substitutions**

The Cape Cod MPO process follows an annual schedule for development of the Transportation Improvement Program (TIP) to be roughly compatible with the development schedule of the State Transportation Improvement Program (STIP) as feasible, and, as is required under 23 CFR 450.324.

The inclusion of a project in the TIP is sufficient for the project proponent to proceed toward implementation. Projects in the first years of the TIP, which have designs completed or well underway, should have public support in addition to the regional support. Inclusion on this list does not guarantee funding; the project proponent is responsible for completing the steps toward implementation. The Massachusetts Highway Department has committed to a \$400 million annual statewide road and bridge program. The Cape Cod Joint Transportation Committee recommends inclusion in the statewide program of the projects as programmed in this TIP for Cape Cod, with regional consensus and endorsement by the Cape Cod MPO.

### **A5a. Administrative Adjustment Process**

In the event a project in the annual element, or current Federal Fiscal Year, is not proceeding in the programmed year, the substitution of another project from the outer years of the TIP for implementation in the current year is considered by the Cape Cod MPO to be an administrative adjustment provided that the following conditions are true:

- consensus in the region for this project to move forward
- financial constraint of the TIP is maintained
- the project must be an exempt project, conformity determination not required
- a letter requesting the administrative adjustment is forwarded to the Director of the EOT/Office of Transportation Planning to reflect the adjustment in the STIP

Other changes that are allowed as administrative modifications include project name, scope, and/or cost estimate changes, as long as those changes are considered to be minor in nature. For example, a project cost increase within 10% of the existing amount may be considered a minor adjustment.

### **A5b. Amendment Process**

In order for implementation of projects to proceed in the current year, a previously unlisted project may be amended into the TIP. An action to add a new project is considered by the Cape Cod MPO to be an amendment if the following conditions are true:

- consensus in the region for this project to be included and move forward
- financial constraint of the TIP is maintained
- a Cape Cod MPO meeting to endorse the amendment(s)
- conformity determination is required unless the amendment(s) consist(s) entirely of exempt projects
- an outer year TIP project or a Non Federal Aid project is not considered a new project and may be an Administrative Adjustment -- see above Administrative Adjustment Process"

## **A6. Transportation Funding Programs**

Most funding categories in this TIP are through federal sources: Federal Highway Administration (FHWA) and Federal Transit Administration (FTA) as provided by the current federal legislation. The current federal transportation legislation is the Safe, Accountable, Flexible, Efficient Transportation Equity Act—A Legacy for Users (SAFETEA-LU). The following are brief descriptions of the various funding programs used for transportation projects on Cape Cod in the TIP:

### **Federal Highway Administration and state Non Federal Aid**

Congestion Management/Air Quality Improvement Program (CMAQ) - This funding category directs funds towards demonstration transportation projects in Clean Air Act non-attainment areas for ozone and carbon monoxide. Projects must contribute to attainment of national ambient air quality standards. Federal share is 80%, state/local share is 20%.

Bridge Replacement and Rehabilitation Program (BR) - This program provides for the replacement or repair of bridges on or off the federal aid system. Federal share is 80%, state share 20%.

Surface Transportation Program (STP) - This program provides funds for state and local roadways that are classified higher than Rural Minor Collector or Local. These funds, however, are flexible and may be used for a variety of other activities, such as transit projects. A portion of STP funds is for projects qualifying under one of the ten categories of Transportation Enhancements (STP-E). These are projects above and beyond the usual transportation project but directly related to transportation such as preservation of historic transportation facilities and stormwater mitigation. Federal share is 80%, state/local share 20%.

National Highway System (NHS) - This program provides funds for roadways classified as part of the National Highway System. These are usually the interstates, principal arterials and connections to ports and intermodal facilities. The NHS system was designated in 1995.

High Priority Project (HPP) - TEA-21 included a specific list of certain projects entitled "High Priority Projects". An amount of funding has been designated for implementation once these projects are scheduled in the TIP/STIP, designed and have all approvals.

Ferry Boat Discretionary (FBD). - This is a discretionary funding program for improvements related to ferryboat service. Since August 2000, FBD projects are listed in TIP year 3 unless funding is in place. In other words, a year 3 project is typically a request for funding; once approved for FBD funding, the project may move into year one of the TIP for implementation.

Non Federal Aid (NFA) - These projects are not funded with federal dollars. Typically projects in this category are funded through state bonding.

Scenic Byways (SB). - This is a discretionary federal funding program for improvements related to scenic byways.

American Recovery and Reinvestment Act of 2009 (ARRA) or "stimulus" Funding from the economic stimulus bill.

### **Transit Funding Categories, Federal Transit Administration and EOTC**

FTA 5309 Formerly Section 3 (5309) - This category is discretionary funds for capital expenditures such as buses and terminal facilities; projects need federally earmarked 5309 funds to proceed.

FTA 5307 Formerly Section 9 (5307) - These funds are for capital expenditures. In urbanized areas with a population over 200,000, the use for operating assistance is phased out in SAFETEA-LU.

FTA 5310 Formerly Section 16 (5310) - This program funds public transit projects in rural areas.

FTA 5311 Formerly Section 18 (5311) - This program funds public transit projects in rural areas. Massachusetts EOT and FTA grant 5311 funds on a discretionary basis. Funds are for both capital and operating expenses. Federal share currently funds approximately 13% of total cost.

Mobility Assistance Program (MAP) - This EOT program funds capital improvements for transportation services for people who are elderly and/or have disabilities.

## **B. TIP/STIP PROJECTS**

### **B1. CAPE COD PROJECTS, Federal Aid and Non Federal Aid**

The following pages include the projects for the Cape Cod region that are in this program for Federal Aid or Non Federal Aid funding.

*Programming/Implementation Note:*

While it is recognized that this TIP is a planning program of projects and implementation must follow from the responsible implementing agency or agencies, the Cape Cod region expects cooperation, communication and an expeditious review process by agencies with the responsibility of overseeing steps toward implementation in order to ensure the maximum compliance with the programmed plan of projects. This effort by overseeing agencies will promote implementation of projects within the planned program and allow the financial plan to remain in balance.

In this TIP Amendment, the Federal Fiscal Year (FY) 2010 projects are the region's highest priority projects that should be ready to move to implementation.

## Summary of Funding 2010-2013

The Cape Cod federal aid target amounts, from Federal Highway Administration sources through the Commonwealth of Massachusetts, Massachusetts Highway Department, based on approximately 4.59% of the statewide amounts, are listed below, and the current amount programmed is the right column.

Projects programmed in years 2010-2013 reflect 2009 cost estimates. Financial targets have been reduced by an estimated inflation amount. An inflation rate of 4% per year was deducted from the regional funding estimated to be available.

<b>YEAR</b>	<b>Total Federal Aid</b>	<b>Amount Programmed</b>
2010:	\$ 6,040,748	\$ 6,040,748
2011:	\$ 5,585,909	\$ 5,585,909
2012:	\$ 5,428,336	\$ 5,428,400
2013:	\$ 5,361,312	\$ 5,323,514
<b>TOTALS:</b>	<b>\$ 22,416,315</b>	<b>\$ 22,378,571</b>

**The list of specific projects follows.**

**Cape Cod Transportation Improvement Program (TIP) for Federal Fiscal Years 2010-2013**

SECTION	MUNICIPALITY	PROJECT	STATE IDENTIFICATION NUMBER	FUND	FEDERAL	STATE / LOCAL	TOTAL	SUBMITTED DESIGN
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**2010 Cape Cod TIP 2010 year**

PART 1A:	2010	Projects Using Target Authority							GENERAL TARGET:	\$5,582,234
PART 1A:	2010	Projects Using CMAQ Target Authority							CMAQ TARGET:	\$0
PART 1A:	2010	Projects Using HSIP Target Authority							HSIP TARGET:	\$458,514
									<b>TOTAL TARGETED FHWA /STATE MATCHING FUNDS:</b>	<b>\$6,040,748</b>

2010	BARNSTABLE	Route 6 Off-ramp to Route 149, Construction of improvements	604093	HSIP	\$1,726,712	\$431,678	\$2,158,390	
2010	SANDWICH	Route 6 at Route 130 ramp intersections, construction	604744	STP	\$1,273,080	\$318,270	\$1,591,350	
2010	YARMOUTH	Old Townhouse Road at Forest Road, Construction of intersection improvements	605243	HSIP	\$1,086,728	\$271,682	\$1,358,410	
2010	Cape Cod Projects / BOURNE	ITS-Real Time traffic data collection and reporting - Canal area	605943	STP	\$746,078	\$186,520	\$932,598	

TOTAL PROGRAMMED: \$6,040,748

**PART 1B: BRIDGES - Federal Aid 2010 - no federal aid bridges for Cape Cod**

**PART 1C: Other Federal Aid Projects**

2010	ARRA FHWA Statewide funds flexed for Cape Cod transit	FLEX Federal Highway Administration funds to Federal Transit Administration for CCRTA operations	for CCRTA	ARRA - stimulus	635,322	\$0	\$635,322	
2010	BARNSTABLE	Hyannis-- extend the Walkway to the Sea on to and down Pleasant Street		SAFETEA-LU EARMARK MA-220	\$100,000	\$0	\$100,000	
2010	DENNIS, YARMOUTH	Cape Cod Rail Trail Extension DESIGN	604488	SAFETEA-LU EARMARK TI#173, MA#209	\$280,000	\$70,000	\$350,000	

**PART 2A: Non Federal Aid 2010 - no non federal aid projects in this category for Cape Cod**

**PART 2B: BRIDGES - Non Federal Aid**

2011	BOURNE - WAREHAM	BRIDGE REPLACEMENT, BR#B-17-017/ W-06-012 (William Dalton BR) USRte 6 & Rte 28 over Cohasset Narrows	603670	BRIDGE	\$0	\$15,216,625	\$15,216,625	FOR INFO ONLY See SRPEDD TIP
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**Cape Cod Transportation Improvement Program (TIP) for Federal Fiscal Years 2010-2013**

SECTION	MUNICIPALITY	PROJECT	STATE IDENTIFICATION NUMBER	FUND	FEDERAL	STATE / LOCAL	TOTAL	SUBMITTED DESIGN
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## 2011 Cape Cod TIP 2011 year

PART 1A:	2011	Projects Using Target Authority		<b>GENERAL TARGET:</b>	<b>\$5,127,395</b>
PART 1A:	2011	Projects Using CMAQ Target Authority		<b>CMAQ TARGET:</b>	<b>\$0</b>
PART 1A:	2011	Projects Using HSIP Target Authority		<b>HSIP TARGET:</b>	<b>\$458,514</b>
				<b>TOTAL TARGETED FHWA /STATE MATCHING FUNDS:</b>	<b>\$5,585,909</b>

2011	ORLEANS	Route 6A and Route 28 Construction of Intersection Improvements	602213	possible HSIP	\$1,018,464	\$254,616	\$1,273,080	pre-25%
2011	HARWICH	Route 137 Reconstruction from Queen Anne Rd to Brewster Town Line	604918	STP	\$3,000,000	\$750,000	\$3,750,000	pre-25%
2011	Cape Cod Projects	2009 Road Safety Audit possible recommendation - Sandwich		HSIP	\$450,263	\$112,566	\$562,829	pre-25%
							<b>TOTAL PROGRAMMED:</b>	<b>\$5,585,909</b>

**PART 1B: BRIDGES - Federal Aid 2011 - no federal aid bridges for Cape Cod**

**PART 1C: Other Federal Aid Projects 2011 - Other federal aid projects**

2011	Cape Cod National Seashore	Capital projects -- Additional hardware, transit kiosks	605792 CCNS / NPS	FLH / Park Roads and Parkways	\$80,000	\$20,000	\$100,000	
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**PART 2A: Non Federal Aid 2011 - no non federal aid projects in this category for Cape Cod**

**PART 2B: BRIDGES - Non Federal Aid**

2011	BARNSTABLE	BRIDGE Route 6 over Route 132	605272	BRIDGE	\$0	\$3,070,000	\$3,070,000	25-75%
2011	DENNIS	BRIDGE Upper County Rd Footprint replacement, BR#D-07-001	603892	BRIDGE	\$0	\$2,300,000	\$2,300,000	25%
2011	DENNIS	BRIDGE Rte 28 Main St. over water Swan Pond River, BR#D-07-006	605291	BRIDGE	\$1,636,834	\$409,208	\$2,046,042	pre-25%

**Cape Cod Transportation Improvement Program (TIP) for Federal Fiscal Years 2010-2013**

SECTION	MUNICIPALITY	PROJECT	STATE IDENTIFICATION NUMBER	FUND	FEDERAL	STATE / LOCAL	TOTAL	SUBMITTED DESIGN
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**2012 Cape Cod TIP 2012 year**

PART 1A:	2012	Projects Using Target Authority							<b>GENERAL TARGET: \$4,969,822</b>
PART 1A:	2012	Projects Using CMAQ Target Authority							<b>CMAQ TARGET: \$0</b>
PART 1A:	2012	Projects Using HSIP Target Authority							<b>HSIP TARGET: \$458,514</b>
							<b>TOTAL TARGETED FHWA /STATE MATCHING FUNDS:</b>		<b>\$5,428,336</b>

2012	DENNIS	Route 134 Reconstruction and offset path from Route 28 to Highbank / Upper County Road	605375	STP or Possible HSIP	\$2,800,000	\$700,000	\$3,500,000	pre-25%
2012	DENNIS, YARMOUTH	Cape Cod Rail Trail Extension Construction, SAFETEA-LU TI#173-MA#209 and CMAQ	604488	CMAQ (General Target)	\$1,542,720	\$385,680	\$1,928,400	pre-25%

TOTAL PROGRAMMED: \$5,428,400

**PART 1B: BRIDGES - Federal Aid 2012 - no federal aid bridges for Cape Cod**

**PART 1C: Other Federal Aid Projects**

2012	DENNIS, YARMOUTH	Cape Cod Rail Trail Extension Construction, SAFETEA-LU TI#173-MA#209 and CMAQ	604488	SAFETEA-LU EARMARK TI#173, MA#209	\$2,443,904	\$610,976	\$3,054,880	pre-25%
2012	BARNSTBABLE / NANTUCKET	Woods Hole, Martha's Vineyard and Nantucket Steamship Authority (SSA) Barnstable (Hyannis) Terminal Improvements PHASE I and II; Total cost \$7,200,000-- \$3,500,000 ARRA \$2,000,000 FBD	SSA	FBD	\$2,000,000	\$1,700,000	\$3,700,000	
2012	BARNSTBABLE / NANTUCKET	Woods Hole, Martha's Vineyard and Nantucket Steamship Authority (SSA) M/V Eagle Mid-Life Refurbishment	SSA	FBD	\$4,720,000	\$1,180,000	\$5,900,000	
2012	FALMOUTH / MARTHA'S VINEYARD / NANTUCKET	Vessel Sewage Pump-out Systems (3) Installation of 3 land-side pump-out systems in Woods Hole, Vineyard haven, and Nantucket.	SSA	FBD	\$1,266,400	\$316,600	\$1,583,000	
2012	Cape Cod National Seashore	Capital projects -- Coast Guard Beach Shuttle Replacement	605792 CCNS / NPS	FLH / Park Roads and Parkways	\$1,160,967	\$290,242	\$1,451,209	
2012	Cape Cod National Seashore	Capital projects -- Bicycle Shuttle	605792 CCNS / NPS	FLH / Park Roads and Parkways	\$200,000	\$50,000	\$250,000	
2012	Cape Cod National Seashore	Capital projects -- Coast Guard Beach Shuttle Expansion	605792 CCNS / NPS	FLH / Park Roads and Parkways	\$400,000	\$100,000	\$500,000	
2012	Cape Cod National Seashore	Capital projects Implementation of Parking Improvements Phase I	605792 CCNS / NPS	FLH / Park Roads and Parkways	\$1,120,001	\$280,000	\$1,400,001	

**Cape Cod Transportation Improvement Program (TIP) for Federal Fiscal Years 2010-2013**

SECTION	MUNICIPALITY	PROJECT	STATE IDENTIFICATION NUMBER	FUND	FEDERAL	STATE / LOCAL	TOTAL	SUBMITTED DESIGN
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**PART 2A: Non Federal Aid 2012 - no non federal aid projects in this category for Cape Cod**

**PART 2B: BRIDGES - Non Federal Aid 2012 - no non federal aid bridges**

2012	CHATHAM	BRIDGE Bridge St Footprint replacement, BR#C-07-001	603690	BRIDGE	\$9,576,000	\$2,394,000	\$11,970,000	pre-25%
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## 2013 Cape Cod TIP 2013 year

**PART 1A: 2013 Projects Using Target Authority GENERAL TARGET: \$3,985,770**

**PART 1A: 2013 Projects Using CMAQ Target Authority CMAQ TARGET: \$917,028**

**PART 1A: 2013 Projects Using HSIP Target Authority HSIP TARGET: \$458,514**

**TOTAL TARGETED FHWA /STATE MATCHING FUNDS: \$5,361,312**

2013	DENNIS, YARMOUTH	Cape Cod Rail Trail Extension Construction, SAFETEA-LU TI#173-MA#209 and CMAQ	604488	CMAQ (CMAQ and General Target)	\$1,732,000	\$433,000	\$2,165,000	Includes \$917,028 CMAQ
2013	CHATHAM	Route 28/Main St. section including the intersections of George Ryder Rd and Barn Hill Rd.	Submitted to District for PRC	STP or Possible CMAQ	\$640,000	\$160,000	\$800,000	0%
2013	EASTHAM	Bridge Road Resurfacing and Related Work	To be submitted to District for PRC	STP	\$880,000	\$220,000	\$1,100,000	0%
2013	FALMOUTH	Route 28 at Jones Road (Easterly end) Intersection Improvements	605661	STP or Possible CMAQ	\$640,000	\$160,000	\$800,000	0%
2013	Barnstable, Dennis, Mashpee, or Sandwich	2009 Road Safety Audit possible recommendation	Need submission(s)	HSIP	\$366,811	\$91,703	\$458,514	0%

TOTAL PROGRAMMED: \$5,323,514

\$37,798

**PART 1B: BRIDGES - Federal Aid 2013 - no federal aid bridges for Cape Cod**

**PART 1C: Other Federal Aid Projects 2013 - no projects for Cape Cod**

**PART 2A: Non Federal Aid 2013 - no non federal aid projects in this category for Cape Cod**

**PART 2B: BRIDGES - Non Federal Aid**

Cape Cod Transportation Improvement Program (TIP)

Year	Fund	RTA	Project	Description	Total Cost	Federal	State
2010	PLHD	National Seashore	ITS program plan	Develop ITS plans--preliminary and long	\$2,700,000	\$2,700,000	\$0
2010	5316	CCC	JARC	Jobs Access Reverse Commute Program PROJECTS TO BE DETERMINED	\$330,508	\$330,508	\$0
2010	5317	CCC	New Freedom	New Freedom Program PROJECTS TO BE DETERMINED	\$299,411	\$299,411	\$0
2010	5311	CCRTA	Operating Non-Urb Area	Operating Assistance	\$466,412	\$46,018	\$420,394
2010	5307	CCRTA	Operating Subsidy	Operating Assistance ARRA	\$1,270,644	\$635,322	\$635,322
2010	5307	CCRTA	Operating Subsidy	Operating Assistance	\$538,120	\$269,060	\$269,060
2010	5307	CCRTA	Maintenance	Preventative Maintenance	\$1,697,732	\$1,294,197	\$403,535
2010	5307	CCRTA	ADA Paratransit	ADA Paratransit	\$2,153,172	\$481,673	\$1,671,499
2010	5307	CCRTA	Transit Enhancements	Transit Enhancements	\$58,011	\$46,409	\$11,602
2010	MAP32	CCRTA	Buses	Minibuses (10)	\$570,000	\$0	\$570,000
2010	MAP32	CCRTA	Van	Lift Van (9)	\$463,025	\$0	\$463,025
<b>Total FY10:</b>					<b>\$10,547,035</b>	<b>\$6,102,598</b>	<b>\$4,444,437</b>
2011	5311	CCRTA	Operating Non-Urb Area	Operating Assistance	\$1,014,855	\$46,018	\$968,837
2011	5307	CCRTA	Operating Subsidy	Operating Assistance	\$538,120	\$269,060	\$269,060
2011	5307	CCRTA	Maintenance	Preventative Maintenance	\$2,772,053	\$1,289,695	\$1,482,358
2011	5307	CCRTA	ADA Paratransit	ADA Paratransit	\$1,039,834	\$511,063	\$528,771
2011	5307	CCRTA	Transit Enhancements	Transit Enhancements	\$63,319	\$50,656	\$12,663
2011	5307	CCRTA	Capital Project	FY11 Capital: Bus storage shed at operations	\$2,250,000	\$1,800,000	\$450,000
2011	MAP33	CCRTA	Buses	Minibuses (5)	\$293,550	\$0	\$293,550
2011	MAP33	CCRTA	Van	Lift Van (2)	\$94,142	\$0	\$562,829
2011	MAP33	CCRTA	RadiosMDTs	Mobile radios/base sta. MDTs	\$7,725	\$0	\$7,725
<b>Total FY11:</b>					<b>\$8,073,598</b>	<b>\$3,966,491</b>	<b>\$4,575,793</b>
2012	5311	CCRTA	Operating Non-Urb Area	Operating Assistance	\$1,043,920	\$46,018	\$997,902
2012	5307	CCRTA	Operating Subsidy	Operating Assistance	\$538,120	\$269,060	\$269,060
2012	5307	CCRTA	Maintenance	Preventative Maintenance	\$3,641,911	\$2,115,082	\$1,526,829
2012	5307	CCRTA	ADA Paratransit	ADA Paratransit	\$1,055,697	\$511,063	\$544,634
2012	5307	CCRTA	Transit Enhancements	Transit Enhancements	\$63,319	\$50,656	\$12,663
2012	5307	CCRTA	Capital Project	FY12 Capital: Replace 2 35' Transit buses, cameras on all buses	\$900,000	\$720,000	\$180,000
2012	MAP34	CCRTA	Buses	Minibuses (10)	\$423,299	\$0	\$423,299
2012	MAP34	CCRTA	Van	Lift Van (2)	\$96,966	\$0	\$96,966
2012	MAP34	CCRTA	RadiosMDTs	Mobile radios/base sta. MDTs	\$7,957	\$0	\$7,957
<b>Total FY12:</b>					<b>\$7,771,189</b>	<b>\$3,711,879</b>	<b>\$4,059,310</b>
2013	5311	CCRTA	Operating Non-Urb Area	Operating Assistance	\$1,073,857	\$46,018	\$1,027,839
2013	5307	CCRTA	Operating Subsidy	Operating Assistance	\$538,120	\$269,060	\$269,060
2013	5307	CCRTA	Maintenance	Preventative Maintenance	\$3,140,191	\$2,115,082	\$1,025,109
2013	5307	CCRTA	ADA Paratransit	ADA Paratransit	\$1,039,834	\$511,063	\$528,771
2013	5307	CCRTA	Transit Enhancements	Transit Enhancements	\$63,319	\$50,656	\$12,663
2013	5307	CCRTA	Capital Project	FY13 Capital: Replace 2 35' Transit buses, cameras on all buses	\$900,000	\$720,000	\$180,000
2013	MAP35	CCRTA	Buses	Minibuses (10)	\$124,571	\$0	\$124,571
2013	MAP35	CCRTA	Van	Lift Van (2)	\$99,875	\$0	\$99,875
2013	MAP35	CCRTA	RadiosMDTs	Mobile radios/base sta. MDTs	\$2,732	\$0	\$2,732
<b>Total FY13:</b>					<b>\$6,982,499</b>	<b>\$3,711,879</b>	<b>\$3,270,620</b>

Additional Projects, for information only

December 2009

PROJECTS IN NEED OF FUNDING / POSSIBLE for ECONOMIC STIMULUS		Estimated Cost
BARNSTABLE	URBAN AREA Airport Rotary improvements, including grade separation of Route 28 with tunnel / overpass direct connection and improvements to remaining circle operations	\$20,000,000 Design build
BARNSTABLE	URBAN AREA Improved access for Hyannis Transportation Center	\$5,000,000 Design build
BARNSTABLE	URBAN AREA Barnstable – Yarmouth line, Keveney Road Bridge replacement, 100% design and permitted	\$800,000 100% designed and permitted MHD review Chapter 85
BARNSTABLE BOURNE	URBAN AREA Real Time Traffic Information System -- Design Build of year-round 24/7 Web based traffic information system based on cameras, sensors, with 511 to reduce road rage, congestion, and improve mobility and incident management through improved information	\$3,000,000 Design build
BARNSTABLE YARMOUTH	URBAN AREA Yarmouth Road/Willow Street widening (Includes additional 2 lanes of travel for approximately 3 miles from State Route 28 to the recently-improved section in the Town of Yarmouth; R-O-W acquisition, demolition, roadway construction)	\$20,000,000 Design build
BARNSTABLE YARMOUTH	URBAN AREA Regional bicycle/pedestrian access in the Route 28/Yarmouth Road and Willow Street area between Hyannis Transportation Center and planned extension of the existing Cape Cod Rail Trail in Dennis-Yarmouth; Design build grade crossings of Willow Street and R	\$13,000,000 Design build
BOURNE	URBAN AREA Main Street improvements in Buzzards Bay -- business and government center; regional marine research education	\$1,200,000 100%
BREWSTER	URBAN AREA Full depth reclamation Harwich Road / Rte 124	\$ 1,500,000
BREWSTER	URBAN AREA Full depth reclamation Long Pond Road / Rte 137	\$ 1,900,000
BREWSTER	URBAN AREA Full depth reclamation Stony Brook Road, Rte 6A - Satucket Rd	\$ 600,000
CAPE RAIL	URBAN AREA Buzzards Bay to Middleborough capital improvements for rail upgrade	\$ 6,000,000 Capital \$5.844 mil.
CHATHAM	URBAN AREA Crowell Road / Main Street Intersection Improvement Project	\$750,000 Submitted for PRC
DENNIS	URBAN AREA Route 134 at Airline Road, Intersection Improvements	\$600,000 100%
DENNIS	URBAN AREA Old Wharf Road, resurfacing and drainage improvements	\$450,000 100%
DENNIS to ORLEANS	URBAN AREA Route 6 National Highway System NHS, section with failing pavement	\$15,000,000 on STATE NHS LIST 2013 FOR \$6.5 MIL.
DENNIS YARMOUTH TOWN LINE	URBAN AREA Highbank Road BRIDGE Dennis Yarmouth Town Line over Bass River	\$1,000,000 under construction
DENNIS YARMOUTH TOWN LINE	URBAN AREA Route 6 BRIDGES (NHS) Yarmouth/ Dennis Town Line, EB is posted with weight restrictions --trucks detouring to local roads and Scenic Byway / Route 6A	\$3,000,000 no longer posted
EASTHAM	URBAN AREA Eastham, Route 6 at Bracket Road Intersection safety improvements	\$800,000 portion constructed
EASTHAM	URBAN AREA Eastham, Bracket Road Resurfacing and related work	\$1,250,000
EASTHAM	URBAN AREA Eastham, Bridge Rd. resurfacing and related work, form Orleans Town Line to Boat Meadow Rd.	\$1,250,000
605671 FALMOUTH	URBAN AREA Falmouth, Route 28 at Davisville Road intersection improvements	\$800,000 PRC approval
ORLEANS	URBAN AREA Rock Harbor Road drainage improvements and roadway reconstruction	\$600,000
ORLEANS	URBAN AREA Main Street Sidewalk extension and reconstruction of Meeting House Road intersection	\$300,000
PROVINCETOWN	Commercial Street Reconstruction	\$3,500,000
SANDWICH	URBAN AREA Quaker Meetinghouse Road Pedestrian Accessibility 4 miles of sidewalk	\$1,055,000
SANDWICH	URBAN AREA Sandwich, Quaker Meetinghouse Road - 3.5 miles long, mill and pave	\$1,605,000 May combine sidewalk and resurfacing
YARMOUTH	URBAN AREA Yarmouth, Forest Road Resurfacing Rte. 28 to Old Town House Rd. - 2 miles	\$700,000
YARMOUTH	URBAN AREA Yarmouth, White's Path industrial commercial area roadway overlay, 1.6 miles long--crack fill, frame adjustments, 3" overlay, pavement markings, shoulder work	\$600,000
YARMOUTH	tbid Yarmouth, Poursous Pavement Projects for approximately 3,000 linear feet of roadway	\$750,000 50%
YARMOUTH	URBAN AREA Yarmouth, Sidewalk improvements: North Main Street sidewalk of approximately 1 mile connecting existing sidewalk with major recreation area	\$650,000
YARMOUTH	URBAN AREA Yarmouth, Sidewalk improvements: South Shore Drive sidewalk- 1 mile from Sea View Ave. to South St	\$650,000 90%
YARMOUTH	URBAN AREA Yarmouth, Sidewalk improvements: Winslow Gray Rd. sidewalk 0.75 miles long from Buck Island Rd. to Long Pond Dr.	\$400,000 75%
		\$108,710,000

**Cape Projects Advertised and Status**

Cape Cod Transportation Improvement Program (TIP)

PROJIS or State Identification (SID) number	MUNICIPALITY of project location	DESCRIPTION	Advertising DATE	AWARD or BID OPENING DATE	Low bid, award amount, or TIP Programmed Amount	FUND in TIP	Completed?	Project Proponent	Estimated cost or award amount	FUND advertised	YEAR advised (FFY)
56206	BOURNE	Bridge, Perry St, replacement/related BR# B-17-010	5/22/93	8/4/93	\$857,648	BR	11/30/94	?town	\$857,648	BR	1993
600326	DEN to ORL	Route 6, Install surface mount delineators	11/13/93	3/24/94	\$37,717	NFA	YES	state	\$37,717	NFA	1993
	Eastham, Wellfleet	Cape Cod Rail Trail (extension)	3/6/93	6/9/93	\$1,239,333	CMQ	9/30/94	DEM	\$1,239,333	CMAQ	1993
53355	FALMOUTH	Bridge, Menauhant Rd over Green Pond, BR#F-03-002	12/31/93	11/9/94	\$2,274,690	BR	12/1/96	?town	\$2,274,690	BR	1993
600485	HARWICH	Bridge #H-10-014, Rte 137 Br betterment over Rte 6	12/18/93	5/25/94	\$564,384	NFA BR	7/15/95	state	\$564,384	NFA	1993
600111	ORLEANS	Roof Replacment Orleans Depot, Bay Ridge La & 6, 6A	6/26/93	11/24/93	\$68,500	NFA	done?	state	\$68,500	NFA	1993
17400	SANDWICH	Bridge#S-04-02/Conrail, Old County Rd & Related	12/4/93	7/6/94	\$282,240	BR	7/29/96	town	\$282,240	BR	1993
<b>1993 ADVERTISING PROGRAM</b>									<b>TOTAL</b>	<b>\$5,324,512</b>	
600897	BARNSTABLE	Route 132 @ Bearses Way Intersection	12/10/94	3/1/95	\$357,790	NFA	6/14/96	town	\$357,790	NFA	1994
600694	Barns, Bour, Sand	Route 6 Sign Update & Replacement	12/17/94	4/26/95	\$590,021	NFA	11/30/95	state	\$590,021	NFA	1994
600492	BOURNE	Rte 6@Bournedale & Nightingale Rds, sig & safety	2/12/94	7/27/94	\$662,568	NFA	7/31/98	state	\$662,568	NFA	1994
600728	Dennis, Yarmouth	Bridge Maint. Rte 6, Y-1-7, 15, 16, D-7-11	10/8/94	1/11/95	\$1,392,855	NFA	9/16/96	state	\$1,392,855	NFA	1994
600407	MASHPEE	Rte 151 Resurface & related	9/3/94	11/16/94	\$145,680	NFA	10/1/95	?town	\$145,680	NFA	1994
<b>1994 ADVERTISING PROGRAM</b>									<b>TOTAL</b>	<b>\$3,148,914</b>	
	BARNSTABLE	Route 6 rest area renovations	9/16/95	1/17/96	\$168,736	NFA	8/8/96	state	\$168,736	NFA	1995
601219	BARNSTABLE	SSA ferry terminal & marine facilities	4/22/95	8/16/95	\$4,568,000	FBD	7/9/97	SSA	\$4,568,000	FBD	1995
600564	HARWICH	Rte 124 @ Rte 6, Park & Ride Lot Construction	4/1/95	8/30/95	\$182,900	NFA	8/19/96	state	\$182,900	NFA	1995
601039	MASHPEE	Route 130 section, resurfacing & related	2/4/95	5/2/95	\$160,369	NFA	7/20/95	town	\$160,369	NFA	1995
<b>1995 ADVERTISING PROGRAM</b>									<b>TOTAL</b>	<b>\$5,080,005</b>	
601396	BARNSTABLE	Route 28 Recons & Signals on a section	9/21/96	5/12/98	\$1,249,101	STP	11/30/99	town	\$1,278,140	STP	1996
601194	Bourne / Plymouth	Route 25 EB to rest area, water service tie in	11/25/95	complete	\$361,495	NFA	7/13/96	state	\$545,719	NFA	1996
601423	BOURNE	Buzzards Bay Train Station Improvements	9/21/96	1/7/98	\$149,747	STP-E	12/31/99	town	\$155,677	STP-E	1996
601418	BOURNE	Monument Beach Train Station Improvements	9/21/96	2/11/98	\$28,698	STP-E	completed 1999	town	\$32,163	STP-E	1996
601634	EASTHAM	Route 6 / Rogers Lane, drainage	12/2/95	complete	readv 6/15/96	NFA	11/6/96	state	\$30,950	NFA	1996
601257	FALMOUTH	Route 151 @ Sandwich Rd	10/14/95	complete	\$408,260	STP	7/5/97	town	\$499,676	STP	1996
601690	FALMOUTH	Construct Shining Sea Bikeway, Phase II	6/15/96	complete	\$299,974	NFA	7/12/97	town	\$273,399	NFA	1996
600402	FALMOUTH	Route 151 Section	9/28/96	10/7/97	\$1,524,864	STP	5/28/99	town	\$1,622,950	STP	1996
601563	TRURO	Cons. Two Chemical Storage Sheds	6/1/96	10/8/96	\$200,000	NFA	?	state	\$199,850	NFA	1996
601084	YARMOOUTH	Route 6 Bridges #s: Y-1-5, 5a, 6, 12, 13, 14	10/21/95	2/21/96	\$986,000	NFA	1/14/98	state	\$986,332	NFA	1996
601859	YARMOOUTH	Recons railroad grade crossing Willow St	9/21/96	11/5/96	\$375,222	NFA	7/30/97	state	\$269,298	NFA	1996
<b>1996 ADVERTISING PROGRAM</b>									<b>TOTAL</b>	<b>\$5,894,154</b>	
601541	BARN-ORLEANS	Route 6 safety improvements, signs	11/23/96	3/11/97		NFA	complete 1997	state	\$659,265	NFA	1997
105701	BARNSTABLE	Route 28 section	12/28/96	4/1/97		NFA	11/30/98	state	\$4,168,495	NFA	1997
600969	EASTHAM	Bridge, Bridge Rd over Boat Meadow River #E-04-001	2/22/97	6/24/97		NFA	completed 1999	town	\$565,363	NFA	1997
601095	FALMOUTH	Bridge, Quaker Rd over Herring Brook #F-03-011	1/11/97	5/28/97	\$1,198,203	BR	complete may00	town	\$1,256,079	BR	1997
600517	FALMOUTH	Pedestrian signal Rte 28 @ Falmouth Mall	2/22/97	5/6/97	\$54,738	NFA	11/1/97	town	\$51,920	NFA	1997
601465	HARWICH	Cons of Bike Path CCRT extension	1/18/97	8/26/97	\$698,302	NFA	8/22/98	town	\$674,451	NFA	1997
601883	MASHPEE	Great Neck Rd South section	2/1/97	4/29/97	\$667,492	NFA	complete	town	\$750,910	NFA	1997
601882	MASHPEE	Route 151 section	2/15/97	11/4/97?		NFA	complete	town	\$344,993	NFA	1997
601706	MASHPEE	Route151 @ Old Barns Rd (signal)	9/6/97	11/18/97	\$279,706	NFA	complete 1999	town	\$315,539	NFA	1997
601849	SANDWICH	Route 6 Rest Area Site Improvements-WB	2/22/97	5/6/97	bids opened, rejected		readvertised	state		NFA	1997
601849	SANDWICH	Route 6 Rest Area Site Improvements-WB	6/14/97	9/97	contractor withdrew		readvertised 98	state		NFA	1997
117808	SANDWICH	Route 6A, Tupper Rd to Chipman Rd	2/22/97	5/6/98	\$1,812,077	NFA	11/30/00	state	\$2,212,787	NFA	1997
601582	BARNSTABLE	Park & Ride lot expansion, Rte 6 at Rte 132	6/21/97	8/26/97	\$799,528	CMQ	8/29/98	state	\$931,620	CMAQ	1997
600795	YARMOOUTH	Route 28@ Forest Rd	6/14/97	5/6/98	\$539,380	NFA	??? deobligated	state		NFA	1997
<b>1997 ADVERTISING PROGRAM</b>									<b>TOTAL</b>	<b>\$11,931,422</b>	
601801	BARNSTABLE	Barns, Route 132 Signal Coordination	10/11/97	5/6/98	\$249,305	NFA	9/26/98	town	\$290,000	NFA	1998
600966	BARNSTABLE	Bridge, Craigville Beach Rd over Centerville River #B-01-002	12/27/97	4/14/98	\$834,399	BR	6/1/02	town	\$906,759	BR	1998
600967	Barns, Mashpee	Bridge, School St over Santuit River	11/29/97	4/28/98	See 2000 Adv	BR	re-advertised	town	see below	BR	1998
601522	DENNIS	Setucket Rd (Old Bass River Rd to Rte 134)	11/29/97	1/28/98	\$657,694	STP	complete	town	\$706,960	STP	1998

**Cape Projects Advertised and Status**

Cape Cod Transportation Improvement Program (TIP)

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601849	SANDWICH	Route 6 Rest Area Site Improvements WB	8/1/98 (3rd time for advertising)			NFA	?	state	\$150,914	NFA 3rd	1998	
600970	FALMOUTH	CHURCH ST BR#F-03-014 (timber bridge replacement)	9/19/98	1/12/99	E. T. & L. Corp.	BR	5/27/00	town	\$1,170,899	BR	1998	
601966	BOURNE	Intersect Rte 6 and Nightingale Pond Dr & Scenic Dr	9/12/98	11/17/98	P.A. Landers	NFA	11/22/99	town	\$251,678	NFA	1998	
<b>1998 ADVERTISING PROGRAM</b>									<b>TOTAL</b>	<b>\$3,477,210</b>		
601422	BOURNE +	Head of the Bay Road, (also Plymouth and Wareham)	? See below Obligated -- TIP 1999 funds			STP	advertised in 2000	town	see below	STP	1999	
<b>1999 ADVERTISING PROGRAM</b>									<b>TOTAL</b>	<b>\$0</b>		
600967	Barns, Mashpee	Bridge, School St, Re-advertised May 2000 (orig 11/97)	5/6/00	6/13/00	\$698,584	BR	11/1/01	town	\$698,584	NFA	2000	
601422	BOURNE +	Head of the Bay Road, (also Plymouth and Wareham)	7/8/00	9/12/00	\$1,285,815	STP	Dec 2001	state	\$1,248,879	STP	2000	
601955	DENNIS	Route 6 @ Interchang 9 -- Route 134	6/17/00	9/19/00	\$2,165,316	NFA	5/24/03**	state	\$3,038,500	NFA	2000	
601751	YARMOUTH	Buck Island and Town Brook Roads	6/24/00	8/22/00	\$1,389,680	STP	Nov 2002**	town	\$1,665,000	STP	2000	
no projis	PROVINCETOWN	Shank Painter Property Acquisition - statewide Enhancements			\$247,000	STP-E	complete	town	\$247,000	STP-E	2000	
<b>2000 ADVERTISING PROGRAM</b>									<b>TOTAL</b>	<b>\$6,897,963</b>		
	BOURNE	Academy Road Railroad crossing	5/12/01	7/10/01	open rejected	11/14/0	NFA ?	state	\$247,507	NFA	2001	
602309	HARWICH, CCRT	BRIDGE, Route 6/ Cape Cod Rail Trail, H-10-020	10/20/00	1/23/01	\$703,342	CMAQ	11/24/01	regional	\$703,342	CMAQ	2001	
602293	HARWICH	BRIDGE, Lower County Road over the Herring River	3/12/01	bids opened	5/22/01, re-advertised	7/21/01	-----	state	see below		2001	
602293	HARWICH	BRIDGE, Lower County Road over the Herring River H-10-01	7/21/01	9/25/01	\$1,386,288	NFA	11/30/02**	state	\$1,386,288	NFA	2001	
600756	HARWICH	BRIDGE, Route 6 over Depot Street H-10-016	6/2/01	7/31/01	\$1,895,284	NFA	11/29/03**	state	\$1,895,284	NFA	2001	
601930	MASHPEE	Route 28 FalTL to Rotary, Shoulders & Sidewalk	7/21/01	9/25/01	\$959,370	STP	11/30/02**	state	\$959,370	STP	2001	
603304	ORLEANS, CCRT	BRIDGE, Route 6/ Cape Cod Rail Trail	7/14/01	9/18/01	\$2,754,491	CMAQ	11/30/02**	regional	\$2,350,000	CMAQ	2001	
600392	SANDWICH	Route 130 Reconstruction & related	9/29/01	7/9/02	\$1,904,711	NFA		town	\$1,900,000	NFA	2001	
<b>2001 ADVERTISING PROGRAM</b>									<b>TOTAL</b>	<b>\$9,441,791</b>		
601466	CHATHAM	Bike Spur, from HarTL by airport then to downtown Chatham	8/10/02	11/19/02	\$1,438,041	CMAQ		town	\$1,800,000	CMAQ	2002	
602842	Dennis Harwich	Route 28 overlay	3/19/02	4/23/02	\$1,509,535	NFA	Jun 02-03	state	\$1,491,063	NFA	2002	
602520	Eastham Wellfleet	Route 6, Traffic safety improvements	12/3/01	4/2/02	\$1,038,839	NFA	complete 2004	state	\$996,181	NFA	2002	
602531	FALMOUTH	BRIDGE, Meadow Neck Rd over the Moonakis River #F-03-019	9/7/02	12/17/02	\$861,489	BR		town/state	\$861,489	BR	2002	
602562	ORLEANS	Main St, Rock Harbor Rd & Old Colony Rd	9/28/02	1/7/03	\$362,181	NFA		town	\$362,181	NFA	2002	
<b>2002 ADVERTISING PROGRAM</b>									<b>TOTAL</b>	<b>\$5,510,914</b>		
603427	BARNSTABLE	Route 6 Resurfacing and drainage improvements	9/16/03	1/6/04	\$4,000,000	STP	complete 2005	state	\$4,000,000	STP	2003	
602559	ORLEANS	Skaket Corners, Rte. 6A @ West Rd / Eldredge Park Way	11/21/03	2/18/04	\$730,000	NFA	complete 2006	town	\$962,000	NFA	2003	
<b>2003 ADVERTISING PROGRAM</b>									<b>TOTAL</b>	<b>\$4,962,000</b>		
603521	FALMOUTH	Shining Sea Bikeway Phase IIB, Skating Lane to Carlson Lane	7/17/04	9/8/04	\$672,000	CMAQ	7/2/05	town	\$423,450	CMAQ	2004	
601916	BARNSTABLE	Bearse's Way, Route 28 norhterly to Pitcher's Way	8/7/04	12/14/04	\$1,651,000	STP	underway	town	\$1,757,596	STP	2004	
603847	BOURNE	Sagamore Rotary Area Improvements Depot & temp P&R lot	7/24/04	9/8/04	\$5,000,000	STP	temp lot in (Dec 04)	state	\$3,475,470	STP	2004	
603847	BOURNE	Sagamore Rotary Chapter 149 fire station construction	8/14/04			STP	complete	state	\$4,065,000	STP	2004	
603847	BOURNE	Sagamore Rotary -- grade separation	8/14/04			STP	underway	state	\$36,336,000	STP	2004	
602326	YARMOUTH	Willow Street Recons (Rte 6 to relocated Higgins Crowell Rd)	9/27/04	2/1/05	\$2,652,000	STP	construction begin 05	town	\$2,652,000	STP	2004	
<b>2004 ADVERTISING PROGRAM</b>									<b>TOTAL</b>	<b>\$48,709,516</b>		
601441	BARNSTABLE	Route 132 Boulevard	9/17/05	12/20/06	\$10,000,000	STP	construction continues	town	\$9,600,000	STP	2005	
603813	EASTHAM-ORLEANS	Route 6 Resurfacing and related	7/23/05	fall '05	\$ 2,200,000	NFA	NTP Jan06 (to 08)	state	\$2,200,000		2005	
603349	FALMOUTH	WOODS HOLE BRIDGE	8/20/05	5/16/06	\$ 7,800,000	BR	construction to 2009?	town	\$8,000,000	BR	2005	
<b>2005 ADVERTISING PROGRAM</b>									<b>TOTAL</b>	<b>\$19,800,000</b>		
S117 earmark	BARNSTABLE	Hyannis Gateway / Main St. Lighting etc.	7/8/06			S117	complete	town	\$378,944	S117	2006	

**Cape Projects Advertised and Status**

*Cape Cod Transportation Improvement Program (TIP)*

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604091	DENNIS	Swan River Road reconstruction	8/12/06	9/25/07	\$2,395,528	CMAQ	underway	town	\$2,300,000	STP	2006
55400	FALMOUTH	Palmer Avenue BR	9/16/06	10/16/07		BR	awarded	state	\$1,500,000	STP	2006
603666	ORLEANS	Route 28 and Finlay Road intersection	9/9/06	7/24/07	\$645,524	STP	underway	town	\$590,000	STP	2006
604335	SANDWICH	Route 130/Water St and Main St Intersection TOWN HALL SQ	8/26/06	10/16/07	\$546,657	STP	underway	town	\$600,000	STP	2006
<b>2006 ADVERTISING PROGRAM</b>									<b>TOTAL</b>	<b>\$4,990,000</b>	
603520	FALMOUTH	Shining Sea Bikeway Ph III	9/1/07	3/25/08	\$3,631,123	CMAQ	7/09 complete	town	\$4,000,000	STP	2007
<b>2007 ADVERTISING PROGRAM</b>									<b>TOTAL</b>	<b>\$4,000,000</b>	
603894	BOURNE	Rte. 6 Scenic Highway at Edgehill Road	4/26/08		\$4,935,910		underway	town	\$3,948,728		2008
605037	DENNIS	Rte. 28 at Rte. 134 intersection improvements	9/20/08		\$843,000	CMAQ	underway	town	\$596,000		2008
604919	HARWICH	Rte. 124 at Queen Anne Road intersection improvements	8/2/08	11/13/08	\$1,200,000	CMAQ	underway	town	\$859,800		2008
CCNS	PROVINCETOWN	Rte. 6 at Province Lands Rd.	2/00/2008		\$2,500,000	Parks		NPS	\$2,500,000		2008
602923	YARMOUTH	Packet Landing site improvements	7/15/08	9/9/08	\$633,436	HPP	underway	town	\$633,436		2008
<b>2008 ADVERTISING PROGRAM</b>									<b>TOTAL</b>	<b>\$8,537,964</b>	
604521	BARNSTABLE	Route 6A resurfacing	3/9/09	6/23/09	\$3,045,000	ARRA		state	\$3,045,000		2009
604914	BARNSTABLE	Rte. 132 Boulevard Landscaping	5/9/09	7/14/09	\$1,500,000	STP-E		town	\$1,500,000		2009
604096	BARNSTABLE	Rte. 28 at 3 locations Rte. 149, So. County Rd., Lumbert Mill R	6/27/09	9/1/09	\$3,200,000	CMAQ		town	\$3,200,000		2009
604224	BOURNE	Rte. 6 Scenic Highway resurfacing	4/4/09	4/21/09	\$1,651,519	ARRA	underway	state	\$1,651,519		2009
605214	DENNIS	Route 6A resurfacing	5/16/09		\$1,680,620	ARRA		state	\$1,680,620		2009
603494	FALMOUTH	BRIDGE Champoquoit Road BR#F-03-009 over W. Falm Harbor	8/8/09		\$3,000,000	BR		town / state	\$3,000,000		2009
603609	FALMOUTH	Route 28 Section known as "Reine's Corner"	9/26/09		\$2,000,000	STP		state	\$2,000,000		2009
<b>2009 ADVERTISING PROGRAM</b>									<b>TOTAL</b>	<b>\$16,077,139</b>	

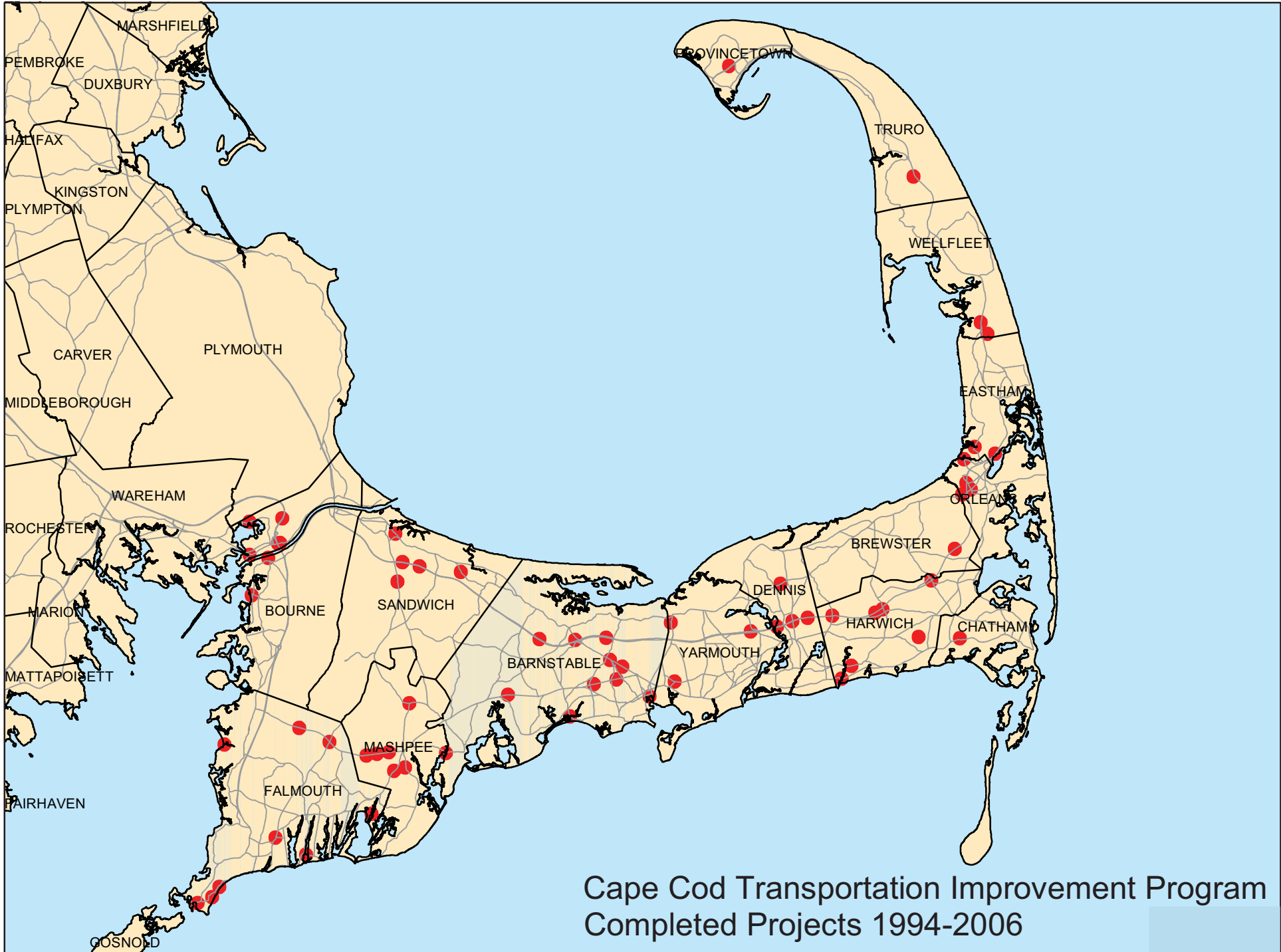
\* proposed bid opening date

\*\* proposed completion date for project

FEDERAL AID amount advertised or obligated (from FHWA sources) \$133,732,533

NON FEDERAL AID amount advertised or obligated (from state sources) \$30,050,971

**TOTAL FHWA & NFA amount advertised or obligated only; CCRTA and/or other transit projects are not included here. \$163,783,504**



Cape Cod Transportation Improvement Program  
Completed Projects 1994-2006

B4a. Federal Transit Administration Authorization

Federal Fiscal Year 2010			
FTA Categories	Authorized and Carryover	Programmed	Balance
<b>Section 5307</b>			
Planning	-	-	\$ -
Capital	\$ -	\$ -	\$ -
Operating	\$ 2,044,930	\$ 2,044,930	\$ -
Transit Enhancements	\$ 46,409	\$ 46,409	\$ -
<i>sub-total</i>	\$ 2,091,339	\$ 2,091,339	\$ -
<b>Section 5307 Carryover</b>	\$ -	\$ -	\$ -
Planning	\$ -	\$ -	\$ -
Capital	\$ 4,298,035	\$ 4,298,035	\$ -
Operating	\$ -	\$ -	\$ -
Transit Enhancements	\$ -	\$ -	\$ -
CMAQ/HPP/STP Transfers	\$ -	\$ -	\$ -
<i>sub-total</i>	\$ 4,298,035	\$ 4,298,035	\$ -
<b>TOTAL</b>	\$ 6,389,374	\$ 6,389,374	\$ -
<b>FTA Categories</b>	<b>Authorized and Carryover</b>	<b>Programmed</b>	<b>Balance</b>
<b>Section 5311</b>			
Capital	\$ -	\$ -	\$ -
Operating	\$ 46,018	\$ 46,018	\$ -
<i>sub-total</i>	\$ 46,018	\$ 46,018	\$ -
<b>Section 5311 Carryover</b>	\$ -	\$ -	\$ -
Capital	\$ -	\$ -	\$ -
Operating	\$ -	\$ -	\$ -
CMAQ/HPP/STP Transfers	\$ -	\$ -	\$ -
<i>sub-total</i>	\$ -	\$ -	\$ -
<b>TOTAL</b>	\$ 46,018	\$ 46,018	\$ -
<b>Section 5309</b>	\$ -	\$ -	\$ -

Federal Fiscal Year 2011			
FTA Categories	Authorized and Carryover	Programmed	Balance
<b>Section 5307</b>			
Planning	-	-	\$ -
Capital	\$ 1,800,000	\$ 1,800,000	\$ -
Operating	\$ 2,069,818	\$ 2,069,818	\$ -
Transit Enhancements	\$ 50,656	\$ 50,656	\$ -
<i>sub-total</i>	\$ 3,920,474	\$ 3,920,474	\$ -
<b>Section 5307 Carryover</b>	\$ -	\$ -	\$ -
Planning	\$ -	\$ -	\$ -
Capital	\$ 2,549,577	\$ 2,549,577	\$ -
Operating	\$ -	\$ -	\$ -
Transit Enhancements	\$ -	\$ -	\$ -
CMAQ/HPP/STP Transfers	\$ -	\$ -	\$ -
<i>sub-total</i>	\$ 2,549,577	\$ 2,549,577	\$ -
<b>TOTAL</b>	\$ 6,470,050	\$ 6,470,050	\$ -
<b>FTA Categories</b>	<b>Authorized and Carryover</b>	<b>Programmed</b>	<b>Balance</b>
<b>Section 5311</b>			
Capital	\$ -	\$ -	\$ -
Operating	\$ 46,018	\$ 46,018	\$ -
<i>sub-total</i>	\$ 46,018	\$ 46,018	\$ -
<b>Section 5311 Carryover</b>	\$ -	\$ -	\$ -
Capital	\$ -	\$ -	\$ -
Operating	\$ -	\$ -	\$ -
CMAQ/HPP/STP Transfers	\$ -	\$ -	\$ -
<i>sub-total</i>	\$ -	\$ -	\$ -
<b>TOTAL</b>	\$ 46,018	\$ 46,018	\$ -
<b>Section 5309</b>	\$ -	\$ -	\$ -

Federal Fiscal Year 2012			
FTA Categories	Authorized and Carryover	Programmed	Balance
<b>Section 5307</b>			
Planning	-	-	\$ -
Capital	\$ 720,000	\$ 720,000	\$ -
Operating	\$ 2,895,205	\$ 2,895,205	\$ -
Transit Enhancements	\$ 50,656	\$ 50,656	\$ -
<i>sub-total</i>	\$ 3,665,861	\$ 3,665,861	\$ -
<b>Section 5307 Carryover</b>	\$ -	\$ -	\$ -
Planning	\$ -	\$ -	\$ -
Capital	\$ 2,566,470	\$ 2,566,470	\$ -
Operating	\$ -	\$ -	\$ -
Transit Enhancements	\$ -	\$ -	\$ -
CMAQ/HPP/STP Transfers	\$ -	\$ -	\$ -
<i>sub-total</i>	\$ 2,566,470	\$ 2,566,470	\$ -
<b>TOTAL</b>	\$ 6,232,331	\$ 6,232,331	\$ -
<b>FTA Categories</b>	<b>Authorized and Carryover</b>	<b>Programmed</b>	<b>Balance</b>
<b>Section 5311</b>			
Capital	\$ -	\$ -	\$ -
Operating	\$ 46,018	\$ 46,018	\$ -
<i>sub-total</i>	\$ 46,018	\$ 46,018	\$ -
<b>Section 5311 Carryover</b>	\$ -	\$ -	\$ -
Capital	\$ -	\$ -	\$ -
Operating	\$ -	\$ -	\$ -
CMAQ/HPP/STP Transfers	\$ -	\$ -	\$ -
<i>sub-total</i>	\$ -	\$ -	\$ -
<b>TOTAL</b>	\$ 46,018	\$ 46,018	\$ -
<b>Section 5309</b>	\$ -	\$ -	\$ -

Federal Fiscal Year 2013			
FTA Categories	Authorized and Carryover	Programmed	Balance
<b>Section 5307</b>			
Planning	-	-	\$ -
Capital	\$ 720,000	\$ 720,000	\$ -
Operating	\$ 2,895,205	\$ 2,895,205	\$ -
Transit Enhancements	\$ 50,656	\$ 50,656	\$ -
<i>sub-total</i>	\$ 3,665,861	\$ 3,665,861	\$ -
<b>Section 5307 Carryover</b>	\$ -	\$ -	\$ -
Planning	\$ -	\$ -	\$ -
Capital	\$ 2,566,470	\$ 2,566,470	\$ -
Operating	\$ -	\$ -	\$ -
Transit Enhancements	\$ -	\$ -	\$ -
CMAQ/HPP/STP Transfers	\$ -	\$ -	\$ -
<i>sub-total</i>	\$ 2,566,470	\$ 2,566,470	\$ -
<b>TOTAL</b>	\$ 6,232,331	\$ 6,232,331	\$ -
<b>FTA Categories</b>	<b>Authorized and Carryover</b>	<b>Programmed</b>	<b>Balance</b>
<b>Section 5311</b>			
Capital	\$ -	\$ -	\$ -
Operating	\$ 46,018	\$ 46,018	\$ -
<i>sub-total</i>	\$ 46,018	\$ 46,018	\$ -
<b>Section 5311 Carryover</b>	\$ -	\$ -	\$ -
Capital	\$ -	\$ -	\$ -
Operating	\$ -	\$ -	\$ -
CMAQ/HPP/STP Transfers	\$ -	\$ -	\$ -
<i>sub-total</i>	\$ -	\$ -	\$ -
<b>TOTAL</b>	\$ 46,018	\$ 46,018	\$ -
<b>Section 5309</b>	\$ -	\$ -	\$ -

## B4b. Status of Transit Projects, Cape Cod Regional Transit Authority

### STATUS OF FFY 2009 TRANSIT PROJECTS

#### Federal Funds

RTA	MPO	Section	Description	Federal Funds	Approval status	Grant#	Comments
CCRTA	Cape Cod	5309	Cape & Islands Transit Centers	\$295,104	approved	MA-03-0283-00	ongoing
CCRTA	Cape Cod	5307	FY03 & FY04 Operation's Facility	\$2,252,150	approved	MA-90-X438-01	completed
CCRTA	Cape Cod	5307	FY06 Operating;FY07 Capital, Transit Enhancements	\$3,340,543	approved	MA-90-X492-00	ongoing
CCRTA	Cape Cod	5307	FY07 Operating;FY08 Capital, Transit Enhancements	\$3,885,017	approved	MA-90-X553-01	ongoing
CCRTA	Cape Cod	5307	FY08 Operating/FY09 Capital Budget	\$3,067,212	approved	MA-90-X556-00	ongoing
CCRTA	Cape Cod	5317	FY08 Mobility Management	\$66,191	approved	MA-57-X008-00	ongoing
CCRTA	Cape Cod	5320	FY08 Replacement Vehicles for P/T Shuttle	\$1,850,000	approved	MA-20-X002-00	ongoing
CCRTA	Cape Cod	5307	FY09 ARRA	\$6,353,000	approved	MA-96-X009-00	ongoing
				\$21,109,217			

#### State Funds

RTA	MPO	Section	Description	State Funds	Approval status	Grant#	Comments
CCRTA	Cape Cod	MAP-32	Mobility Assistance-10MB/9Vans	\$1,033,022	approved	MA State Contract (EOTC)	ongoing
CCRTA	Cape Cod		Masterplan for Railroad Track Facilities in Hyannis, MA	\$90,000	approved	MA State Contract (EOTC)	ongoing
CCRTA	Cape Cod		RTACAP'09	\$365,177	approved	MA State Contract (EOTC)	ongoing
CCRTA	Cape Cod		5311 Operating Assistance	\$46,018	approved	MA State Contract (EOT)	<u>Completed</u>

## C. ATTACHMENTS

### C1. GLOSSARY

**C1a. - DEFINITIONS** The terms below define primarily the column headings in the TIP Projects Listing tables:

**DESCRIPTION** - This column is a brief description of the project. Complete descriptions can be obtained through the project proponent.

**MUNICIPALITY** - This column lists the town(s) of project location, "Capewide" for a regional project. The project proponent may also be listed in this column, e.g. "CCRTA, Capewide".

**SID #** - (State identification number) This column contains the number of the project assigned by the state. When a MHD "PROJIS" number has been assigned to the project this number is included.

**FUND** - Proposed funding category for the project (described in A6. Transportation Funding Programs")

**FED FUNDS** - Estimated federal share cost of the project.

**STATE FUNDS** - Estimated state share cost of the project.

**TOTAL COST** - Estimated total project cost.

**Statewide** - Anywhere in the Commonwealth of Massachusetts.

**Capewide** - Anywhere on Cape Cod (Barnstable County).

### C1b. - ACRONYMS

AADT	Annual Average Daily Traffic
AASHTO	American Association of State Highway and Transportation Officials
ARC	Available Reserve Capacity
BTP&D	(Massachusetts) Bureau of Transportation Planning and Development
CAAA	Clean Air Act Amendments of 1990
CEPO	Capital Expenditure and Program Office
CCC	Cape Cod Commission
CCJTC	Cape Cod Joint Transportation Committee
CCRTA	Cape Cod Regional Transit Authority
CMAQ	Congestion Mitigation and Air Quality Improvement Program
CMR	Code of Massachusetts Regulations
CO	Carbon Monoxide
CTPS	Central Transportation Planning Staff
CZM	(Massachusetts) Coastal Zone Management
DCPO	Division of Capital Planning and Operations
DEP	Department of Environmental Protection
DOT	United States Department of Transportation
DRI	Development of Regional Impact
EIR	Environmental Impact Report
EIS	Environmental Impact Statement
EOEA	(Massachusetts) Executive Office of Environmental Affairs
EOTPW	(Massachusetts) Executive Office of Transportation and Public Works (2007)
EPA	Environmental Protection Agency

## ACRONYMS (continued)

ESC	(Massachusetts) Enhancements Steering Committee
FA	Federal Aid
FHWA	Federal Highway Administration
FTA	Federal Transit Administration
FY	Fiscal Year <i>or</i> Federal Fiscal Year
GPS	Global Positioning System
HPP	High Priority Project
ISTEA	Intermodal Surface Transportation Efficiency Act of 1991
ITC	Intermodal Transportation Center
ITE	Institute of Transportation Engineers
ITS	Intelligent Transportation System(s)
LOS	Level of Service
L RTP	Long Range Transportation Plan
MAP	Mobility Assistance Program
MEPA	Massachusetts Environmental Protection Act
MHD	Massachusetts Highway Department <i>or</i> MassHighway Department
MPO	Metropolitan Planning Organization <i>or</i> Cape Cod Metropolitan Planning Organization
NAAQS	National Ambient Air Quality Standards
NFA	Non Federal Aid
NHS	National Highway System
NHTSA	National Highway Traffic Safety Administration
NO <sub>x</sub>	Nitrogen Oxides
PPP	Public Participation Process, or Public Participation Plan
PWED	Public Works Economic Development Program
RPA	Regional Planning Agency
RPP	Regional Policy Plan
RTA	Regional Transit Authority
RTP	Regional Transportation Plan
SIP	State Implementation Plan
SOV	Single Occupancy Vehicle
STEPA	Surface Transportation Extension Act of 1997
STIP	Statewide Transportation Improvement Program
STP	Surface Transportation Program
TAZ	Traffic Analysis Zone
TEA-21	Transportation Equity Act for the 21st Century
TDM	Transportation Demand Management
TIP	Transportation Improvement Program
TMA	Transportation Management Area
TSM	Transportation Systems Management
USGS	United States Geographical Survey
v/c	Volume to Capacity
VMT	Vehicle Miles Traveled
VPD	Vehicles Per Day
VPH	Vehicles Per Hour

## C2. COMMENTS

This TIP comment period officially began after the Cape Cod Metropolitan Planning Organization (MPO) voted to release the Draft TIP for the public review/ comment period. A September meeting of the MPO is expected for endorsement consideration.

Comments on this TIP may be sent via mail, hand delivered, by facsimile, or via e-mail, as follows:

Mailed or dropped off:

**Cape Cod Commission Transportation Program  
3225 Main Street (Route 6A)  
PO Box 226  
Barnstable, MA 02630-0226**

Sent by facsimile to the attention of the Transportation Program

**FAX: 508-362-3136**

Electronic mail "e-mail"-- please put "TIP" in the subject line:

**ccjtc@capecodcommission.org**

Comments / Questions received on this TIP Amendment:

{response}

Bridge "Street" should be Bridge "Road" in Eastham

This will be corrected.

Paul Maloney, FHWA, comments:

FHWA Comments on the Cape Cod MPO's draft 2010-2013 TIP  
September 17, 2009

FHWA has reviewed the Cape Cod draft 2010-2013 TIP and has the following comments:

P. ii Please include the following Self Certification, which is found in 23 CFR 450.334 ( #6):

23 CFR 230, regarding the implementation of an Equal Employment Opportunity Program on Federal and Federal-aid Highway construction contracts.

P. 2/3 Please see the small font text that was entered under the Conformity Test section. It begins at the bottom of page 2 and goes over to page 3. This comment applies to both the Control Strategy Period and the Maintenance Period passages. Please change the word "consistency" to "consistent".

P. 3 Please see the listed regions in the Eastern Non-Attainment Area. The note at the bottom (see \*) says that the Martha's Vineyard and Nantucket regions are considered MPOs for planning purposes. It may be more accurate to say that they are treated as MPOs for planning purposes.

P. 8 In the first paragraph of Section A5, the CFR citation should be 23 CFR 450.324. The Title number (23) was not included in the passage written.

As an aside, Administrative Modifications are allowed for other changes as well. They include a change to a project's name, scope, and cost, if minor in nature.

It appears that the formatting was disrupted in the Amendment Process section.

P.12 FHWA notes the following issues with the first year element.

## Part 1A

The first three projects are only at 25% design. Please work with District 5 to ensure that these projects do not present a readiness issue. FHWA is not optimistic that projects that are so early in the design process could be ready for advertisement in 2010. It may be that these projects are book jobs and may proceed more quickly than non-book jobs. Please keep FHWA apprised of this situation.

## Part 1C

Please revisit each project entry and ensure that each clearly states what phase of work (design, construction, etc...) is being programmed. Please do this for the SSA projects as well. We presume that the work programmed for those projects are construction related, but please make this explicit in the project description. Also, the design status must be included for these projects.

P. 13

### **2010 element- cont.**

#### Part 2B

Please explicitly identify the phase of work being programmed for the Dennis bridge project (Projis 605272).

Please enter the % complete status for these projects.

### **2011 element**

#### Part 1A

More detail is necessary for the "Cape Cod Projects" entry. Even though a decision may not have been reached on what HSIP projects may be addressed, please reference possible projects coming out of the RSA. A particular project should be identified, but if that decision has not been made yet, and as long as it will likely be one of several that are the result of the RSA, several can be identified as potential projects, of which, one will be programmed. Also, please show the % complete status as 0%.

#### Part 2B

Please add the phase of work for the Dennis bridge project (projis 605291). Also address the % complete. It may be 0%, but please show the status.

Year 2 on the TIP should show Year Of Expenditure costs for all projects. This effectively means that a 4% rate of inflation must be adjusted into present day costs to account for the effects of inflation. This may have been done appropriately, but it would be most helpful to add a footnote to this effect for the reader's benefit. P. 14

### **2012 element**

#### Part 1A

Please clarify the Rt 134 Reconstruction project description to add the phase of the offset path from Rt 28 to Highbank / Upper County Road. The phase of work being programmed for this path is unclear.

Please add the % complete status for the Dennis, Yarmouth project (Projis 604488). If it is 0%, please show that.

## Part 1C

Please clarify what phase of work is being programmed for all SSA projects. It is presumed that construction is being programmed, but it should be explicit.

Also, please enter the % complete status. If 0%, please show 0%.

Year 3 on the TIP should show Year Of Expenditure costs for all projects. This effectively means that a 4% per year (from present – i.e. year 2010) rate of inflation must be adjusted into present day costs to account for the effects of inflation. This may have been done appropriately, but it would be most helpful to add a footnote to this effect for the reader's benefit.

P.15

## 2013 element

### Part 1A

Please add the phase of work being programmed for the Chatham and Falmouth projects.

For all projects, please show 0% complete, as long as appropriate.

The programmed amount is more than \$112,000 greater than the funding available. Since the Eastham project has not even been presented to the PRC, we suggest reducing it's cost by the over-programmed amount to observe financial constraint. This project is still very early in the process and estimates will be further refined as the project's readiness progresses.

Year 4 on the TIP should show Year Of Expenditure costs for all projects. This effectively means that a 4% per year (from present – i.e. year 2010) rate of inflation must be adjusted into present day costs to account for the effects of inflation. This may have been done appropriately, but it would be most helpful to add a footnote to this effect for the reader's benefit

P. 19 Please increase the size of this table for easier viewing by the reader.

Also, in accordance with 23 CFR 450.332, please include the following information in the list of previously obligated projects:

Sec. 450.332 Annual listing of obligated projects.

(a) In metropolitan planning areas, on an annual basis, no later than 90 calendar days following the end of the program year, the State, public transportation operator(s), and the MPO shall cooperatively develop a listing of projects (including investments in pedestrian walkways and bicycle transportation facilities) for which funds under 23 U.S.C. or 49 U.S.C. Chapter 53 were obligated in the preceding program year.

(b) The listing shall be prepared in accordance with Sec. 450.314(a) and shall include all federally funded projects authorized or revised to increase obligations in the preceding program year, and shall at a minimum include the TIP information under Sec. 450.324(e)(1) and (4) and identify, for each project, the amount of Federal funds requested in the TIP, the Federal funding that was obligated during the preceding year, and the Federal funding remaining and available for subsequent years.

(c) The listing shall be published or otherwise made available in

accordance with the MPO's public participation criteria for the TIP

P. 20 Same comments.

### **General**

This TIP does not appear to explain the project selection and prioritization process. Please add a passage that does so. Factors that should be discussed include: Transportation Evaluation Criteria, Project Readiness, and cost estimates versus funding availability.

*{All FHWA comments will be addressed—with the exception of the “Year of Expenditure” project cost increase of 4% annually—instead the estimated available funds, or “targets”, have been reduced by the 4% annual amount.}*

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Friends of the Mitchell River Wooden Drawbridge  
C/o 14 Sunset Lane  
Chatham, MA 02633

September 25, 2009

Ms. Priscilla N. Leclerc  
Senior Transportation Planner  
Cape Cod Commission  
3225 Main Street  
Barnstable, MA 02630

Re: Cape Cod MPO  
Project Inf. No. 603690  
Mitchell River Bridge  
Chatham, MA 02633

Dear Ms. Leclerc:

We are writing on behalf of the Friends of the Mitchell River Wooden Drawbridge, a committee of Chatham residents and property owners, to advise you of our deep concern about the proposed plans to replace the existing wooden drawbridge with a steel and concrete span which would be totally out of keeping with the existing historic structure as well as detrimental to the surrounding site.

It is our understanding that the proposal to do substantial work on the existing bridge is part of the Transportation Improvement Program (TIP) for this year, that the Cape Cod Commission has already approved the TIP, and that it is scheduled to be reviewed by the Metropolitan Planning Organization (MPO) on Monday, September 28th. Members of our Committee plan to be present at this meeting and to express our dissatisfaction with the design which has been proposed by URS Corporation, the contractor chosen by the Massachusetts Highway Department for this project.

As a matter of historical information, a wooden drawbridge was first put in operation over the Mitchell River on or about 1850, and has been in place there continuously since that time, subject only to regular updating and necessary repairs and replacements, the most recent of which took place in 1980. It is now the last remaining wooden drawbridge in the Commonwealth of Massachusetts, and one of only a very few wooden drawbridges in the United States. As such, it is a historical asset of great significance to the town and to the state and not worthy of being consigned to the scrap heap.

As you know, an informational meeting was held in Chatham on September 3rd at the request of URS Corporation to discuss their proposal to replace the existing wooden bridge with a steel and concrete structure topped by a massive tower and counterweight to control the drawspan. This meeting was attended by over sixty people, many of whom either have property abutting the bridge or who live in the surrounding historic Bridge Street and Old Village areas of Chatham surrounding Mill Pond and Little Mill Pond. What you need to be aware of is that, overwhelmingly, those present expressed their desire to retain a wooden drawbridge at the site; were critical of the modern design and its lack of appreciation for the history of the existing bridge and the surrounding site itself which is largely unchanged for over a hundred years; and stated their belief that the new design would result in the speeding up of traffic along the Bridge Street straightaway and over the bridge itself with the potential for serious accidents to adults and young children, who have regularly fished both sides of the bridge for many years.

At the conclusion of the meeting, we were informed by URS that they would take all of these comments into consideration and return to Chatham for a further informational meeting and a new design, and we understand that this is presently scheduled for November 19th. As confirmed by URS in their letter of August 26th to the Chatham Historical Commission, this project will require review under Section 106 of the National Historic Preservation Act of for assets of historical significance where federal funds and permits are involved. It is also our understanding that the local Historical Commission is in the process of reviewing the eligibility of the bridge for the National Register of Historic Places, and that they will be furnishing their comments to URS and to the Massachusetts Historical Commission in due course.

In closing, our Committee wishes it to be clear that while we totally support the ongoing program to improve, repair or rebuild our existing historic wooden drawbridge, we are not in favor of the proposed design which was provided to us on September 3rd and which would replace this bridge with a steel and concrete structure that would be inappropriate for the site and would effectively eliminate from our history the last remaining wooden drawbridge in Massachusetts.

We thank you for the opportunity to offer our comments and we look forward to discussing this with you at your meeting on Monday, September 28th.

For The Friends of the Mitchell River Wooden Drawbridge: \*  
Norman and Carol Pacun  
Spencer Grey  
Mary Ann Gray

\*List of Committee Members in signed letter to follow.  
cc: Dorr Fox, Preservation Massachusetts  
Stuart Smith, Town of Chatham Harbormaster  
Don Aikman, Ch. Chatham Historical Commission

### C3. MAINTENANCE AND OPERATIONS

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

Section I - Non Federal Aid Maintenance Projects - State Bondfunds				
08/22/09				
Program Group/Sub Group	SFY 2007 NFA Expenditures	SFY 2008 NFA Expenditures	SFY 2009 NFA Expenditures	Estimated SFY 2010 NFA Expenditures
<b>01 - Bridge Repair &amp; Replacement</b>				
New Bridge (Excluded)				
Bridge Replacement ( Excluded)				
Bridge Reconstruction/Rehab	\$0	\$11,186	\$0	\$3,729
Drawbridge Maintenance	\$98,384	\$111,840	\$89,411	\$99,878
Structure Maintenance	\$1,404,372	\$2,270,093	\$3,305,416	\$2,326,627
<b>02 - Bridge Painting</b>				
Painting - Structural	\$30,709	\$0	\$10,382	\$13,697
<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	\$107,873	\$127,328	\$96,303	\$110,501
Hwy Reconstr - No Added Capacity	\$0	\$1,130	\$0	\$377
Hwy Reconstr - Minor Widening	\$0	\$5,785	\$1,581	\$2,455
Hwy Reconstr - Major Widening (Excluded)				
<b>04 - Roadway Resurfacing</b>				
Resurfacing	\$1,324,486	\$2,856,088	\$2,007,093	\$2,062,556
<b>05 - Intersection &amp; Safety</b>				
Impact Attenuators	\$10,479	\$26,667	\$22,870	\$20,005
Safety Improvements	\$10,592	\$1,002,512	\$6,903	\$340,002
Traffic Signals	\$89,270	\$90,945	\$86,173	\$88,796
<b>06 - Signs &amp; Lighting</b>				
Lighting and Electrical	\$42,412	\$57,443	\$50,003	\$49,953
Sign Installation / Upgrading	\$30,883	\$26,427	\$35,822	\$31,044
Structural Signing	\$29,335	\$19,741	\$19,118	\$22,732
Vertical Construction	\$48,919	\$0	\$0	\$16,306
<b>07 - Guardrail</b>				
Guard Rail and Fencing	\$0	\$0	\$0	\$0
<b>08 - Maintenance</b>				
Catch Basin Cleaning	\$8,327	\$21,474	\$49,145	\$26,316
Crack Sealing	\$143,745	\$97,630	\$114,395	\$118,590
Landscape and Roadside Develop	\$3,285	\$0	\$1,121	\$1,469
Mowing and Spraying	\$145,577	\$132,075	\$126,924	\$134,859
Pavement Marking	\$32,265	\$39,516	\$40,453	\$37,411
Sewar and Water	\$12,776	\$3,102	\$5,348	\$7,075
Process/Recycle/Tmsprt Soils				\$0
Contract Hwy Maint.				\$0
<b>09 - Facilities</b>				
Chemical Storage Sheds	\$0	\$0	\$0	\$0
Vertical Construction				\$0
<b>10 - Bikeways (Excluded)</b>				
<b>11 - Other</b>				
Miscellaneous / No Prequal	\$0	\$0	\$0	\$0
Asbestos Removal				\$0
Demolition				\$0
Drilling and Boring				\$0
<b>Section I Total:</b>	<b>\$3,573,691</b>	<b>\$8,900,981</b>	<b>\$6,068,461</b>	<b>\$5,514,378</b>
Section II - Non Federal Aid Highway Operations - State Operating Budget Funding				
<b>12 - Snow and Ice Operations &amp; Materials</b>				
	\$1,914,281	\$4,888,011	\$5,935,424	\$4,245,905
<b>13 - District Maintenance</b>				
( Mowing, Litter Management, Sight Distance Clearing, Etc. )	\$703,265	\$917,177	\$810,783	\$810,408
<b>Section II Total:</b>	<b>\$2,617,546</b>	<b>\$5,805,187</b>	<b>\$6,746,207</b>	<b>\$5,056,314</b>
<b>Grand Total NFA:</b>	<b>\$6,191,237</b>	<b>\$12,706,169</b>	<b>\$12,814,667</b>	<b>\$10,570,691</b>



#### **C4. Project and Financial Information**

The following pages include Cape Cod project information, and the financial information for the Transportation Improvement Programs around the state, this information was received in July 2009.

This latest available financial information, including any estimates on the Economic Recovery / Stimulus funds for transportation, was used for development of this TIP for FFY 2010-2013.

**CAPE COD "TARGETS", OR ESTIMATED AVAILABLE FUNDS, FOR THE TIP YEARS 2010-2013**

	Previous Estimates	MAY 2009 draft	Difference May from Previous Estimates	JULY 10, 2009 draft	Difference July from Previous Estimates	<b>NEW</b> JULY 14, 2009 draft targets	Difference July 14 from July 10 Cape Cod Estimates
<b>2010</b>							
GENERAL TARGET:	\$5,352,978	\$5,352,978	\$0	\$5,582,234	\$5,582,234	\$5,582,234	\$0
CMAQ TARGET:	\$917,028	\$917,028	\$0	\$0	\$0	\$0	\$0
HSIP TARGET:	\$458,514	\$458,514	\$0	\$458,514	\$458,514	\$458,514	\$0
<b>TOTAL TARGETED FHWA /STATE MATCHING FUNDS:</b>	<b>\$6,728,520</b>	<b>\$6,728,520</b>	<b>\$0</b>	<b>\$6,040,748</b>	<b>\$6,040,748</b>	<b>\$6,040,748</b>	<b>\$0</b>
<b>2011</b>							
TOTAL TARGET:	\$5,870,228	\$4,760,584	(\$1,109,644)	\$5,127,395	\$5,127,395	\$5,127,395	\$0
CMAQ TARGET:	\$917,028	\$917,028	\$0	\$0	\$0	\$0	\$0
HSIP TARGET:	\$458,514	\$458,514	\$0	\$458,514	\$458,514	\$458,514	\$0
<b>TOTAL TARGETED FHWA /STATE MATCHING FUNDS:</b>	<b>\$7,245,770</b>	<b>\$6,136,126</b>	<b>(\$1,109,644)</b>	<b>\$5,585,909</b>	<b>\$5,585,909</b>	<b>\$5,585,909</b>	<b>\$0</b>
<b>2012</b>							
TOTAL TARGET:	\$5,573,880	\$4,473,894	(\$1,099,986)	\$4,511,308	\$4,511,308	\$4,969,822	\$458,514
CMAQ TARGET:	\$917,028	\$917,028	\$0	\$458,514	\$458,514	\$0	(\$458,514)
HSIP TARGET:	\$458,514	\$458,514	\$0	\$458,514	\$458,514	\$458,514	\$0
<b>TOTAL TARGETED FHWA /STATE MATCHING FUNDS:</b>	<b>\$6,949,422</b>	<b>\$5,849,436</b>	<b>(\$1,099,986)</b>	<b>\$5,428,336</b>	<b>\$5,428,336</b>	<b>\$5,428,336</b>	<b>\$0</b>
<b>2013</b>							
TOTAL TARGET:	\$5,573,880	\$3,985,770	(\$1,588,110)	\$3,985,770	\$3,985,770	\$3,985,770	\$0
CMAQ TARGET:	\$917,028	\$917,028	\$0	\$917,028	\$917,028	\$917,028	\$0
HSIP TARGET:	\$458,514	\$458,514	\$0	\$458,514	\$458,514	\$458,514	\$0
<b>TOTAL TARGETED FHWA /STATE MATCHING FUNDS:</b>	<b>\$6,949,422</b>	<b>\$5,361,312</b>	<b>(\$1,588,110)</b>	<b>\$5,361,312</b>	<b>\$5,361,312</b>	<b>\$5,361,312</b>	<b>\$0</b>
	<b>\$27,873,134</b>	<b>\$24,075,394</b>		<b>\$22,416,305</b>		<b>\$22,416,305</b>	

## Cape Cod Metropolitan Planning Organization Operations and Maintenance Summary Table For the Cape Cod Regional Transit Authority

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. These numbers indicate that there are sufficient revenues projected to meet the operating needs of the area 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>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>
Farebox	\$637,400	\$636,600	\$769,100	\$792,173	\$808,016
Section 5307	\$2,413,835	\$2,044,930	\$2,069,818	\$2,131,913	\$2,174,551
Section 5311	\$46,000	\$46,000	\$46,000	\$46,000	\$46,000
CMAQ/TDM	\$0	\$0	\$0	\$0	\$0
Fully Funded *	\$3,034,662	\$3,753,667	\$4,416,418	\$4,548,911	\$4,730,867
Job Access/Reverse Commute					
New Freedom					
Advertising					
Interest Income	\$42,000	\$36,000	\$12,000	\$12,360	\$12,731
Rental Income	\$31,680	\$32,630	\$33,609	\$34,618	\$35,656
State Contract Assistance **	\$3,979,200	\$3,405,587	\$3,249,026	\$3,346,497	\$3,446,892
Local Assessment	\$1,395,453	\$1,430,339	\$1,466,097	\$1,510,080	\$1,555,382
Other: (Define)	\$48,720	\$33,870	\$31,691	\$32,642	\$33,621
<b>TOTAL</b>	<b>\$11,628,950</b>	<b>\$11,419,623</b>	<b>\$12,093,759</b>	<b>\$12,455,192</b>	<b>\$12,843,716</b>

<b>Operating Expenses ***</b>	<b>Current</b>	<b>Current</b>	<b>Yr Two</b>	<b>Yr. Three</b>	<b>Yr Four</b>
	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>
<b>TOTAL (See Description Below)</b>	<b>\$11,628,950</b>	<b>\$11,419,623</b>	<b>\$12,093,759</b>	<b>\$12,455,192</b>	<b>\$12,843,716</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.



## CAPE COD COMMISSION

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## NOTICE

### Public Review and Comment on the statewide Roadway, Bridge, Intermodal, and Transit Projects scheduled for implementation in the next four years begins September 1, 2009.

#### State Transportation Improvement Program (STIP) for Federal Fiscal Years 2010-2013

The Executive Office of Transportation is pleased to announce the availability of the ***draft*** project listings for the proposed State Transportation Improvement Program for Federal Fiscal Years 2010 to 2013. These draft listings are a compilation of roadway, bridge, intermodal and transit projects as developed by the Commonwealth's ten Metropolitan Planning Organizations (MPOs) and the three non-MPOs. They are available for review at [www.mass.gov/eot](http://www.mass.gov/eot), [www.gocapecod.org/tip](http://www.gocapecod.org/tip), and during regular business hours at the Cape Cod Commission/ Cape Cod Metropolitan Planning Organization at 3225 Main Street, Barnstable, MA 02630, and the Cape Cod Regional Transit Authority at the Hyannis Transportation Center, 215 Iyannough Rd./Route 28, P.O. Box 1988, Hyannis, MA 02601.

The draft STIP project list will be available on September 1, 2009 for public review and comment. The STIP compiles all of the thirteen regional planning agency TIPs, including the *Cape Cod Transportation Improvement Program (TIP) for Federal Fiscal Years 2010-2013*, into one statewide document for public review and comment, along with submission to federal agencies for review and comment. The TIP development process is being used to satisfy the public hearing requirements of Federal Transit Administration's (FTA's) Section 5307 program. This public notice of public involvement activities and time established for public review and comments on the TIP will satisfy the FTA Program of Projects requirements.

All comments can be sent to the **STIP Coordinator**, by e-mail at [STIP@eot.state.ma.us](mailto:STIP@eot.state.ma.us); by fax at 617.973.8035; or by phone at 617.973.7335. Those comments received by September 30, 2009 will be included in the final document.

## ***Cape Cod Transportation Improvement Program (TIP)***

September 4, 2009

# **CapeTIP** *News*

Transportation related items on Cape Cod...

### **Draft TIP for Federal Fiscal Years 2010-2013**

The **Draft Cape Cod Transportation Improvement Program (TIP) for Federal Fiscal Years 2010-2013** released for public review and comment by the [Cape Cod Metropolitan Planning Organization \(MPO\)](#) at their meeting on Monday, August 24, 2009, outreach and community efforts continue to work for the best alignment of the estimated limited funding with the proposed federal aid eligible projects that are actively in the design process.

The [Cape Cod Joint Transportation Committee \(CCJTC\)](#)—advisory group to the MPO—met on Friday, September 4, 2009, and discussed additional projects for inclusion in TIP year 2010 where there was approximately \$1 million still to be determined. The CCJTC considered various aspects of four specific projects, and agreed to add all of the following projects for consideration with MHD for 2010 in the TIP. The priority of the group is the Eastham project with members citing the higher regional and safety benefits over the other three projects that are tied for second place in priority. These four projects are:

- 1) Eastham, Route 6 intersection improvements with Old County Road at Brackett Road
- 2) Barnstable-Yarmouth, Keveney Lane Bridge Replacement
- 2) Bourne, Main Street Buzzards Bay improvements including improved pedestrian facilities, drainage, traffic calming, and on street parking.
- 2) Sandwich, Quaker Meetinghouse Road pedestrian improvement—addition of a sidewalk from Cotuit Road / Route 130 to Route 6A.

The Cape Cod Joint Transportation Committee voted to recommend that the Draft TIP include these projects to be considered in the 2010 year within the available amount. Four out of five of the Cape Cod National Seashore projects, all currently listed in the Draft TIP in year 2010, will move to 2012, while the \$100,000 in capital improvements for the transit kiosks and related will move to year 2011.

### **Highway Safety Improvement Program 2009 Audits and Design**

The Town representatives from Barnstable, Dennis, Mashpee, and Sandwich, along with MHD District 5 and Cape Cod Commission staff met to discuss recommendations from the four 2009 Road Safety Audits (RSAs). Results of the August 20, 2009, RSA discussion were submitted to MHD Safety in Boston on August 21, and the Cape Cod region awaits the response regarding the use of the 2009 design funds.

Coming up—

Draft TIP – Cape Cod Commission meeting on September 17, 2009

Draft TIP – MPO meeting on September 28, 2009

The Draft TIP is online at [www.gocapecod.org/tip](http://www.gocapecod.org/tip)

The Draft STATE TIP is also available for review and comment [www.mass.gov/eot](http://www.mass.gov/eot).

# Draft TIP Lists of Local and State Transportation Improvements Ready for Comment

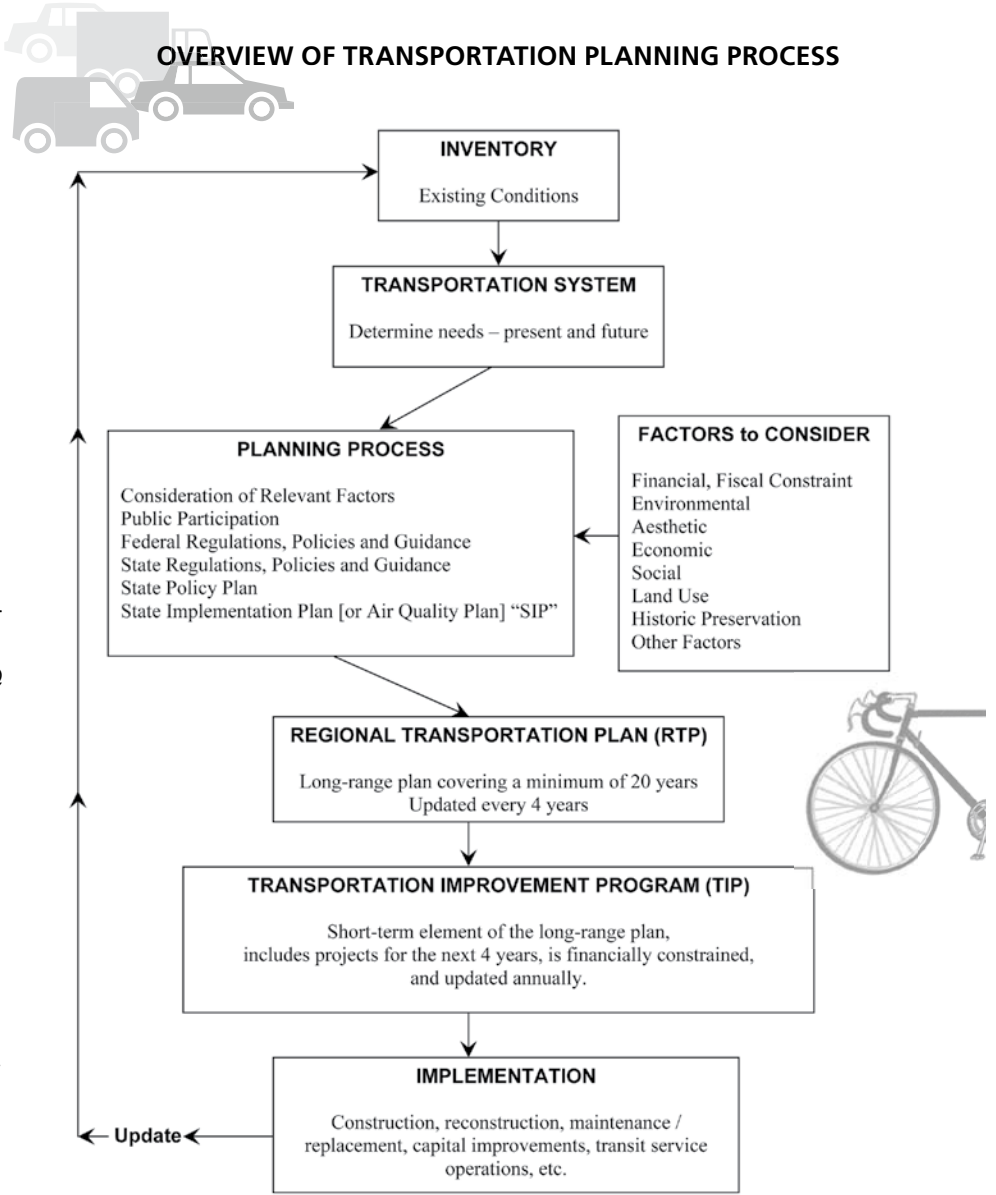
Last month, the Cape Cod Metropolitan Planning Organization\* (MPO) voted to release the Draft Cape Cod Transportation Improvement Program (TIP) for Federal Fiscal Years 2010–2013. Readers can review the draft online at [www.gocapecod.org/tip](http://www.gocapecod.org/tip), and public comments are welcome through the next MPO meeting (September 28, 2009, at 12 noon at the Cape Cod Commission office, 3225 Main Street/Route 6A, Barnstable). Comments may be hand delivered to Senior Transportation Planner Priscilla Leclerc, or sent to her by fax (508-362-3136) or e-mail (please put “TIP” in the subject line) to [ccjtc@capecodcommission.org](mailto:ccjtc@capecodcommission.org).

The Cape Cod Commission’s web site also provides information about the State Transportation Improvement Program (STIP) for Federal Fiscal Years 2010–2013, which the Massachusetts Executive Office of Transportation released for public comment on September 1. The draft listings are a compilation of roadway, bridge, intermodal, and transit projects as developed in TIPs by the state’s 13 regions.

The STIP is available for review online at [www.mass.gov/eot](http://www.mass.gov/eot) and in person during business hours at the Cape Cod Commission office and at the Cape Cod Regional Transit Authority (Hyannis Transportation Center, 215 Iyannough Road/Route 28, Hyannis). **Public comments on the STIP are due by September 30, 2009.** All STIP comments should be sent to the STIP Coordinator, by

e-mail to [STIP@eot.state.ma.us](mailto:STIP@eot.state.ma.us), by fax to (617) 973-8035, or by phone to (617) 973-7335.

## OVERVIEW OF TRANSPORTATION PLANNING PROCESS



\* The Cape Cod Metropolitan Planning Organization currently consists of representatives from the Executive Office of Transportation, Massachusetts Highway Department, Barnstable County Commissioners, Cape Cod Commission, Cape Cod Regional Transit Authority, Town of Barnstable, and selectmen from three other towns. A town selectman representative is elected from each sub-regional Cape Cod area. The sub-regions are (A) Bourne, Falmouth, Mashpee, and Sandwich; (B) Brewster, Chatham, Dennis, Harwich, and Yarmouth; and (C) Eastham, Orleans, Provincetown, Truro, and Wellfleet. The MPO *ex officio* membership includes representatives from the Federal Highway Administration; Federal Transit Administration; US Army Corps of Engineers; National Park Service/Cape Cod National Seashore; Woods Hole, Martha’s Vineyard, and Nantucket Steamship Authority; and the Cape Cod Joint Transportation Committee.

**Summary of Project Discussion/ Information for TIP 2010-2013**

State Identification Number (SID)	TOWN	PROJECT	DESCRIPTION	COST	FUND	Design Status	Average Annual Crashes	Is this intersection in the top 5% of Cape Cod locations, HSIP	Annual Average Daily Traffic
to be submitted to PRC	Barnstable and Yarmouth	Keveney Lane Bridge	100% design has been reviewed through MHD under Chapter 85; Conservation Commission & all permits complete	\$ 800,000		100%		not applicable--not an intersection	
to be submitted to PRC	Bourne	Main Street Improvements Buzzards Bay	roadway, sidewalk improvements downtown Buzzards Bay, including on-street parking, drainage, granite curbing for sidewalk, pedestrian bump outs, lighting, etc. for improved walkability etc. in business district	\$ 1,200,000		100%		not applicable--not an intersection	12,000
to be submitted to PRC	Eastham	Rte. 6 at Brackett Road with Old County intersection improvements	Intersection NHS; major regional connection Outer Cape to core services; top 5% safety problems; LOS = D; 100% design by Weston & Sampson for Town	\$ 960,000		100%	33	YES	20,000
to be submitted to PRC	Sandwich	Quaker Meetinghouse Road sidewalk	100% design of sidewalk, 4 miles in phases	\$ 1,055,000		100%		not applicable--not an intersection	9,000
604093	Barnstable	Route 6 Off-ramp to Route 149, Construction of improvements	serious lack of deceleration lane from Rte 6/NHS; congestion point/safety issue at ramp end with Rte 149	\$ 2,158,390	Possible HSIP	25%	4.3	YES	44,656 (Rte 6); 12,085 (Rte 149)
604744	Sandwich	Route 6 at Route 130, construction of improvements	Route 6 off ramps to Route 130	\$ 1,591,350	Possible HSIP	25%		YES	17,000
605243	Yarmouth	Old Townhouse Rd. at Forest Rd., construction of intersection improvements	Old Townhouse Rd. at Forest Rd., construction of intersection improvements	\$ 1,358,410	Possible HSIP	25%		YES	8,000
604918	Harwich	Route 137 Reconstruction	Reconstruction from Queen Anne Rd to Brewster Town Line; beginning outreach for 2-lane roadway and bicycle / pedestrian accommodation or offset multimodal path	\$ 3,750,000		15%	27	YES, Route 6 at Route 137 is in top 5%	13,000
602213	Orleans	Route 6A and Route 28 Construction of Intersection Improvements	Route 6A and Route 28 Construction of Intersection Improvements; after concept outreach with the Town, MHD to have consultant consider a roundabout alternative	\$ 1,273,080		15%		NO	20,000
605375	Dennis	Route 134 Reconstruction	Town / consultant beginning outreach / design from Route 28 to Upper County Rd; Rte. 134 at Upper County Rd. intersection in top 5% safety problem locations; poor pavement condition; may be offset multimodal path for bike ped accommodation	\$ 3,500,000		10%	127	YES, Route 134 at Upper County Road is in top 5%	21,000
604488	Dennis Yarmouth	Cape Cod Rail Trail construction of the extension Dennis Yarmouth Barnstable	Connect Hyannis Transportation Center with the existing CCRT Dennis Yarmouth	\$ 7,500,000	CMAQ and Earmark	feasibility study complete pre-25	21	not applicable--not an intersection	not applicable
to be submitted to PRC	Chatham	Route 28 / Main Street section including the intersections of George Ryder Road and Barn Hill Road	Route 28 / Main Street section including the intersections of George Ryder Road and Barn Hill Road	\$ 800,000	Possible CMAQ	0%		NO	16,000
to be submitted to PRC	Chatham	Crowell Road / Main Street intersection improvement project	Crowell Road / Main Street intersection improvement project	\$ 750,000		0%		NO	
to be submitted to PRC	Eastham	Bridge Road	Bridge Road reconstruction and related	\$ 1,250,000		0%		not applicable--not an intersection	6,000
to be submitted to PRC	Falmouth	Route 28 at Jones Road (Easterly end) intersection improvements	Route 28 at Jones Road (Easterly end) intersection improvements	\$ 800,000		0%		NO	15,000
to be submitted to PRC	Falmouth	Route 28 at Davisville Road intersection improvements	Route 28 at Davisville Road intersection improvements	\$ 800,000		0%		NO	
Not yet submitted to PRC-- MHD?	Bourne	Construction of the Real Time Traffic System	Design Build of year-round 24/7 Web based traffic info system based on cameras, sensors, with 511?	\$ 3,000,000		0%	843	MHD 97-99 had 3 "intersections" Canal area with 415 crashes	100,000
				\$ 32,546,230					

**Cape Projects for 2009 HSIP consideration**

<b>MassHighway Top 58 High Crash Locations on Cape Cod by EPDO. Years 2004, 2005 and 2006</b>					
	EPDO	STREET	STREET	TOWNS	Comments
1	77	EAST WEST DENNIS ROAD (Rte 134)	RAMP-RT 134 TO RT 6 EB	DENNIS	
2	62	COTUIT ROAD	HARLOW ROAD	SANDWICH	
3	49	FALMOUTH ROAD (Rte 28)	BEARSES WAY	BARNSTABLE	
4	52	GREAT NECK ROAD NORTH	OLD BARNSTABLE ROAD	MASHPEE	
5	35	OSTERVILLE WEST BARNSTABLE RD	FALMOUTH ROAD (Rte 28)	BARNSTABLE	Maybe through District maintenance?
		<i>To be reviewed by CCC and MHD District 5</i>			
	49	MID CAPE HIGHWAY (Rte 6)	STATION AVENUE	YARMOUTH	Priority Project for Yarmouth
	36	EASTHAM ROTARY	ROUTE 6A	EASTHAM	Project for Eastham and Orleans
	63	OTIS AIR FORCE BASE ROTARY	MACARTHUR BLVD (Rte 28)	BOURNE	Have crash records
EPDO	STREET	STREET	TOWNS	Comments	
71	Route 6 WB Ramp	Route 132	BARNSTABLE	Recently Reconstructed	
60	AIRPORT ROTARY	FALMOUTH ROAD (Rte 28)	BARNSTABLE		
53	MID CAPE HIGHWAY	IYANOUGH ROAD (Rte 132)	BARNSTABLE	Recently Reconstructed	
3	49	FALMOUTH ROAD (Rte 28)	BEARSES WAY	BARNSTABLE	
	40	MID CAPE HIGHWAY	RAMP-RT 6 EB TO RT 149	BARNSTABLE	Under Design by MHD
	39	FALMOUTH ROAD (Rte 28)	PITCHERS WAY	BARNSTABLE	
	37	FALMOUTH ROAD (Rte 28)	SOUTH COUNTY ROAD	BARNSTABLE	Under Design by MHD
5	35	OSTERVILLE WEST BARNSTABLE RD	FALMOUTH ROAD (Rte 28)	BARNSTABLE	Maybe through District maintenance?
	34	IYANOUGH ROAD (Rte 132)	PHINNEYS LANE	BARNSTABLE	Recently Reconstructed
	100	RAMP-CRANBERRY HIGHWAY	MID CAPE HIGHWAY (Rte 6)	BOURNE	Recently Reconstructed
	91	RAMP-MID CAPE HIGHWAY	CRANBERRY HIGHWAY	BOURNE	Recently Reconstructed
	89	ROUTE 25	CRANBERRY HIGHWAY (Rte 6)	BOURNE	Belmont Circle?
	65	CRANBERRY HIGHWAY (Rte 6)	PILGRIM HIGHWAY (Rte 3)	BOURNE	
	63	OTIS AIR FORCE BASE ROTARY	MACARTHUR BLVD (Rte 28)	BOURNE	Have crash records
	62	SOUTH BOURNE ROTARY	MACARTHUR BLVD (Rte 28)	BOURNE	Same Location as Sandwich Road/
	59	SANDWICH ROAD	BOURNE BRIDGE	BOURNE	Bourne Bridge, Combined EPDO - 121
	47	SANDWICH ROAD (Rte 6A)	ADAMS STREET	BOURNE	
	38	CRANBERRY HIGHWAY (Rte 6)	NIGHTINGALE POND ROAD	BOURNE	
	37	SAINT MARGARETS STREET	Buzzards Bay BYPASS (Rte 6)	BOURNE	
	36	CRANBERRY HIGHWAY	SANDWICH ROAD (Rte 6A)	BOURNE	
	34	PILGRIM HIGHWAY (Rte 3)	SAGAMORE ROTARY	BOURNE	
	43	HARWICH ROAD (Rte 124)	TUBMAN ROAD	BREWSTER	
1	77	EAST WEST DENNIS ROAD (Rte 134)	RAMP-RT 134 TO RT 6 EB	DENNIS	
	73	EAST WEST DENNIS ROAD (Rte 134)	UPPER COUNTY ROAD	DENNIS	Currently Under Design
	54	OLD CHATHAM ROAD	AIRLINE ROAD	DENNIS	Recent Converted to 4 Way Stop
	43	MAIN STREET (Rte 28)	SEA STREET	DENNIS	
	43	MAIN STREET (Rte 28)	East West Dennis Rd (Rte 134)	DENNIS	Construction to begin in Spring 2009
	42	DEPOT STREET	MAIN STREET (Rte 28)	DENNIS	
	38	DEPOT STREET	UPPER COUNTY ROAD	DENNIS	Recent Converted to 4 Way Stop
	35	CRANBERRY HIGHWAY (Rte 6A)	East West Dennis Rd (Rte 134)	DENNIS	Needs signal upgrade & Ped control
	45	Route 6	SAMOSET ROAD	EASTHAM	
	36	EASTHAM ROTARY	ROUTE 6A	EASTHAM	Project for Eastham and Orleans
	34	Route 6	BRACKETT RD	EASTHAM	under design by Town
	48	SANDWICH ROAD	NATHAN ELLIS HWAY (Rte 151)	FALMOUTH	
	56	LONG POND ROAD (Rte 137)	MID CAPE HIGHWAY (Rte 6)	HARWICH	
	47	ORLEANS HARWICH ROAD (Rte 39)	PLEASANT BAY ROAD	HARWICH	
	41	MID CAPE HIGHWAY (Rte 6)	PLEASANT LAKE AVE (Rte 124)	HARWICH	
	38	MID CAPE HIGHWAY (Rte 6)	RAMP-RT 6 WB TO RT 124	HARWICH	
4	52	GREAT NECK ROAD NORTH	OLD BARNSTABLE ROAD	MASHPEE	
	44	MAIN STREET	TONSET ROAD	ORLEANS	Currently Under Design
	76	MID CAPE HIGHWAY (Rte 6)	FORESTDALE ROAD (Rte 130)	SANDWICH	Under Design by MHD
2	62	COTUIT ROAD	HARLOW ROAD	SANDWICH	
	34	MID CAPE HIGHWAY (Rte 6)	RAMP-RT 6 WB TO RT 130	SANDWICH	
	66	WEST YARMOUTH ROAD	BUCK ISLAND ROAD	YARMOUTH	
	62	ROUTE 28	FOREST ROAD	YARMOUTH	Loop Repairs, Spring 2008
	61	MID CAPE HIGHWAY (Rte 6)	WILLOW STREET	YARMOUTH	Signalized 2007
	60	EAST MAIN STREET	ROUTE 28	YARMOUTH	Review with Corridor Study
	54	OLD TOWN HOUSE ROAD	FOREST ROAD	YARMOUTH	Under Design
	53	WILLOW STREET	HIGGINS CROWELL ROAD	YARMOUTH	Recently Reconstructed
	52	MID CAPE HIGHWAY (Rte 6)	RAMP-RT 6 EB TO UNION ST	YARMOUTH	
	49	MID CAPE HIGHWAY (Rte 6)	STATION AVENUE	YARMOUTH	Priority Project for Yarmouth
	47	FOREST ROAD	WINSLOW GRAY ROAD	YARMOUTH	
	46	STATION AVENUE	OLD TOWN HOUSE ROAD	YARMOUTH	
	43	MID CAPE HIGHWAY (Rte 6)	RAMP-RT 6 EB TO WILLOW ST	YARMOUTH	Signalized 2007
	40	TOWN BROOK ROAD	BUCK ISLAND ROAD	YARMOUTH	
	38	WOOD ROAD	STATION AVENUE	YARMOUTH	Flashing Signal in 2007
	37	STATION AVENUE	STUDLEY ROAD	YARMOUTH	
	37	WHITES PATH	STATION AVENUE	YARMOUTH	
	34	ROUTE 28	BAXTER	YARMOUTH	

**FFY 2008 Roadway, Bridge, and Intermodal Project Listing  
(Final spreadsheet including all amendments/adjustments)**

<i>FUNDING</i>	<i>LOCATION</i>	<i>ID#</i>	<i>PROJECT</i>	<i>FEDERAL AMOUNT</i>	<i>STATE AMOUNT</i>	<i>TOTAL AMOUNT</i>	<i>08 STATUS</i>	<i>OBLIGATION DATE</i>	<i>FEDERAL AID OBLIGATION AMOUNT</i>
CMAQ	Dennis	605037	Rte. 28 and Rte 134 intersection improvements	\$674,400	\$168,600	\$843,000	adv 9/20/08;CM/STP-001S(836)	9/18/2008	\$595,744
CMAQ	Harwich	604919	Rte 124 at Queen Anne Rd. Intersection Improvements	\$960,000	\$240,000	\$1,200,000	adv 8/2/08;CM-001S9791)	7/31/2008	\$859,800
HPP	Falmouth	604488	Shining Sea extension #1326 (AC con)	\$556,800	\$139,200	\$696,000	AC 7/17/08;CM-001S(736)	7/17/2008	\$591,687
Parks & Park Roadways	Ntl. Seashore		Reconfig inter of US 6 with Province Lands Rd.	\$2,000,000	\$500,000	\$2,500,000	not an MHD project		
FBD	SSA		terminal improvements	\$3,600,000	\$900,000	\$4,500,000	not an MHD project	n/a	n/a
HPP	Yarmouth		Packetts Landing Bike/Ped. Imp	\$471,300	\$117,825	\$589,125	adv 7/12/08;HP-001S(653)	7/15/2008	\$633,436
STP	Bourne	603847	Sagamore Rotary improvements (AC)	\$3,200,000	\$800,000	\$4,000,000	adv 8/14/04; STP-001S(812)	5/15/2008	\$9,880,000
STP	Bourne	603894	Rte 6 EdgeHill Road	\$3,948,728	\$987,182	\$4,935,910	adv 4/26/08;STP-001S(699)	4/9/2008	\$3,948,728

**FFY 2008 Transit Project Status**

<b>RTA</b>	<b>MPO</b>	<b>Source</b>	<b>Category</b>	<b>Description</b>	<b>Federal Amount</b>	<b>Status</b>	<b>Grant</b>
CCRTA	Cape Cod	5307	enhancements	FFY 2004 enhancements	\$31,992	completed	MA-90-X437
CCRTA	Cape Cod	5307	enhancements	FFY 2005 enhancements	\$31,114	completed	MA-90-X454
CCRTA	Cape Cod	5307	operating	FFY 2003 & 2004 operating facility	\$1,880,150	ongoing	MA-90-X438
CCRTA	Cape Cod	5307	capital	FFY 2005 misc capital items	\$669,200	completed	MA-90-X454
CCRTA	Cape Cod	5307	misc	FFY 2006 operating; FFY 2007 capital/enhancements	\$3,260,543	ongoing	MA-90-X492
CCRTA	Cape Cod	5307	misc	FFY 2007 operating; FFY 2008 capital/enhancements	\$3,885,017	ongoing	MA-90-X553
CCRTA	Cape Cod	5309	capital	transit centers	\$295,104	ongoing	MA-03--283
CCRTA	Cape Cod	5309	misc	operating/maintenance cnstruction	\$2,915,334	completed	MA-03-0282
CCRTA	Cape Cod	5317	n/a	FFY 2008 mobility management	\$66,191	ongoing	MA-57-X008
CCRTA	Cape Cod	5320	n/a	FFY 2006 bus ITS	\$175,000	completed	MA-20-X001
CCRTA	Cape Cod	5320	n/a	FFY 2008 replacement vehicles	\$1,850,000	ongoing	MA-20-X002



**THE COMMONWEALTH OF MASSACHUSETTS  
EXECUTIVE OFFICE OF TRANSPORTATION  
MASSACHUSETTS HIGHWAY DEPARTMENT**



DEVAL L. PATRICK  
GOVERNOR

TIMOTHY P. MURRAY  
LIEUTENANT GOVERNOR

JAMES A. ALOISI JR.  
SECRETARY

LUISA PAIEWONSKY  
COMMISSIONER

August 20, 2009

Timothy W. Brennan  
Massachusetts Association of Regional Planning Agencies  
26 Central Street, Suite 34  
West Springfield, MA 01089-2787

Subject: Federal Fiscal Year 2009

Dear Mr. Brennan:

I am writing to provide you an update regarding the delivery of Federal Fiscal Year 2009 projects. Thanks to MassHighway's strong partnership with MARPA, we have accomplished our largest-ever Statewide Road and Bridge Program.

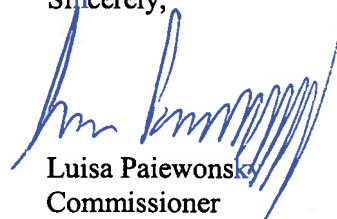
MassHighway has advertised 73 federal aid projects with a total project cost of approximately \$500 million through August 15, 2009. Much of this success is a result of the swift action taken by the Metropolitan Planning Organizations in programming projects funded through the American Recovery and Reinvestment Act (ARRA). As you know, the provisions of ARRA stipulated that 50% of the funding authorized to the state must be obligated by June 27, 2009, or the funding would be lost. Programming the correct projects, in a timely manner, allowed MassHighway to meet this provision.

MassHighway will continue advertising federal-aid projects through the remainder of the fiscal year, and we remain on target to meet our goal of advertising 75% of the projects from the original 2009 STIP. Looking ahead to 2010, we remain committed to delivering a balanced quarterly advertising program in the future.



I am attaching a spreadsheet that provides the status of all the 2009 projects. Please feel free to contact me if you would like to discuss this subject further.

Sincerely,

A handwritten signature in blue ink, appearing to read 'Luisa Paiewonska', written over a light blue background.

Luisa Paiewonska  
Commissioner

**Attachment**

cc:

RPA Executive Directors  
RPA Transportation Program Managers  
Lucy Garliauskas, FHWA  
Ed Silva, FHWA  
Frank Tramontozzi, P.E., Chief Engineer  
David Anderson, P.E., Chief Engineer  
Marie Rose, P.E., Director of Project Management  
MassHighway District Directors  
David Mohler, EOT Planning  
Steve Woelfel, EOT Planning

**MASSHIGHWAY FFY 2009 STIP ADVERTISEMENTS THROUGH AUGUST 15, 2009**

REGION	NO.	DESCRIPTION	DESIGN RESPONSIBILITY	TYPE	STATUS	BRIDGE	ROW	ENV	STIP	QTR	AMOUNT	DIST	COMMENT
<b>STATEWIDE 1ST QUARTER</b>													
SOUTHEASTERN MASS	604576	ATTLEBORO- NORTH ATTLEBOROUGH- MANSFIELD- FOXBOROUGH- INTERSTATE MAINTENANCE & RELATED WORK ON I-95	MASSHIGHWAY IN-HOUSE	Resurfacing	ADV	NA	NONE	CLEAR	ON ORIGINAL STIP	1ST QTR	\$6,728,930.00	District 5	ADV
BOSTON REGION	600944	BOSTON- BRIDGE REHABILITATION, B-16-217, AMERICAN LEGION HIGHWAY OVER ROUTE 203 (MORTON STREET)	MUNICIPAL DESIGN	Bridge Reconstruction /Rehab	ADV	APPROVED	NONE	CLEAR	ON ORIGINAL STIP	1ST QTR	\$6,131,130.00	District 4	ADV
PIONEER VALLEY	602314	CHESTER- HUNTINGTON- RESURFACING & RELATED WORK ON ROUTE 20 (FROM MM36 , CHESTER, TO MM42.6 HUNTINGTON)	MASSHIGHWAY IN-HOUSE	Resurfacing	ADV	NA	ISSUED	CLEAR	ON ORIGINAL STIP	1ST QTR	\$4,876,540.00	District 1	ADV
PIONEER VALLEY	603996	CHICOPEE- RECONSTRUCTION ON CENTER STREET (ROUTE 116)	MUNICIPAL DESIGN	Hwy Reconst - Restr and Rehab	ADV	NA	ISSUED	CLEAR	ON ORIGINAL STIP	1ST QTR	\$5,646,253.00	District 2	ADV
PIONEER VALLEY	604604	CHICOPEE- SPRINGFIELD- INTERSTATE MAINTENANCE & RELATED WORK ON I-91	MASSHIGHWAY IN-HOUSE	Resurfacing	ADV	APPROVED	NONE	CLEAR	ON ORIGINAL STIP	1ST QTR	\$10,736,000.00	District 2	ADV
PIONEER VALLEY	602338	EAST LONGMEADOW- MULTI-USE PATH CONSTRUCTION (RED STONE TRAIL)	MUNICIPAL DESIGN	Bikeway/Bike Path Construction	ADV	NA	ISSUED	CLEAR	ON ORIGINAL STIP	1ST QTR	\$1,292,890.00	District 2	ADV
BERKSHIRE REGION	602468	FLORIDA- RECONSTRUCTION OF RIVER ROAD AT TWO LOCATIONS	MUNICIPAL DESIGN	Hwy Reconst- No Added Capacity	ADV	NA	ISSUED	CLEAR	ON ORIGINAL STIP	1ST QTR	\$3,729,660.00	District 1	ADV
BOSTON REGION	602962	FRANKLIN- RECONSTRUCTION ON KING STREET AND I-495 RAMPS	MUNICIPAL DESIGN	Hwy. Reconst - Minor Widening	ADV	NA	ISSUED	CLEAR	ON ORIGINAL STIP	1ST QTR	\$4,820,000.00	District 3	ADV
CENTRAL MASS	604020	HARDWICK- WARE- BRIDGE REHABILITATION, H-08-012=W-05-002, BRIDGE STREET OVER WARE RIVER (AKA - GILBERTVILLE BRIDGE)	MASSHIGHWAY CONSULTANT	Bridge Reconstruction /Rehab	ADV	APPROVED	ISSUED	CLEAR	ON ORIGINAL STIP	1ST QTR	\$2,934,610.00	District 2	ADV
BERKSHIRE REGION	605211	LANESBOROUGH- PITTSFIELD- RESURFACING & RELATED WORK ON ROUTE 8	MASSHIGHWAY IN-HOUSE	Resurfacing	ADV	NA	NONE	CLEAR	ON ORIGINAL STIP	1ST QTR	\$1,432,920.00	District 1	ADV
MONTACHUSET T	601992	LEOMINSTER- SIGNAL & INTERSECTION IMPROVEMENTS AT CENTRAL STREET (ROUTE 12) AND WILLARD STREET	MASSHIGHWAY CONSULTANT	Traffic Signals	ADV	NA	ISSUED	CLEAR	ON ORIGINAL STIP	1ST QTR	\$1,112,820.00	District 3	ADV
BOSTON REGION	603506	MARLBOROUGH- BRIDGE REPLACEMENTS, M-06-003, ROBIN HILL STREET OVER ASSABET RIVER & M-06-004, BOUNDARY STREET OVER ASSABET RIVER	MASSHIGHWAY CONSULTANT	Bridge Replacement	ADV	APPROVED	ISSUED	CLEAR	ON ORIGINAL STIP	1ST QTR	\$3,948,435.00	District 3	ADV
BOSTON REGION	604530	MILFORD- UPPER CHARLES TRAIL CONSTRUCTION INCLUDES 2 BRIDGES: M-21-011 & M-21-026 (PHASE II)	MUNICIPAL DESIGN	Bikeway/Bike Path Construction	ADV	APPROVED	ISSUED	CLEAR	ON ORIGINAL STIP	1ST QTR	\$4,268,560.00	District 3	ADV
PIONEER VALLEY	602575	PALMER- RECONSTRUCTION & IMPROVEMENTS OF SPRINGFIELD STREET, FROM THE WILBRAHAM T.L. EASTERLY TO BRIDGE STREET	MUNICIPAL DESIGN	Hwy Reconst - Restr and Rehab	ADV	NA	ISSUED	CLEAR	ON ORIGINAL STIP	1ST QTR	\$5,090,645.00	District 2	ADV
PIONEER VALLEY	603335	SOUTH HADLEY- HIGHWAY LIGHTING UPGRADE AT ROUTE 202 ROTARY	MASSHIGHWAY CONSULTANT	Lighting and Electrical	ADV	NA	NONE	CLEAR	ON ORIGINAL STIP	1ST QTR	\$1,092,727.00	District 2	ADV
MONTACHUSET T	603700	WESTMINSTER- BRIDGE REPLACEMENT, W-28-007, ROUTE 12 (ASHBURNHAM STREET) OVER PHILLIPS BROOK	MASSHIGHWAY CONSULTANT	Bridge Replacement	ADV	APPROVED	ISSUED	CLEAR	ON ORIGINAL STIP	1ST QTR	\$2,889,593.00	District 3	ADV
<b>STATEWIDE 2ND QUARTER</b>													
MERRIMACK VALLEY	604586	AMESBURY- HAVERHILL- MERRIMACK- SALISBURY- INTERSTATE MAINTENANCE & RELATED WORK ON I-495	MASSHIGHWAY IN-HOUSE	Resurfacing	ADV	NA	NONE	CLEAR	ON ORIGINAL STIP	2ND QTR	\$14,876,570.00	District 4	ADV
BOSTON REGION	605259	ARLINGTON- BELMONT- CAMBRIDGE- RESURFACING & RELATED WORK ON ROUTE 2	MASSHIGHWAY IN-HOUSE	Resurfacing	ADV	NA	NONE	CLEAR	ON ORIGINAL STIP	2ND QTR	\$5,220,660.00	District 4	ADV

**MASSHIGHWAY FFY 2009 STIP ADVERTISEMENTS THROUGH AUGUST 15, 2009**

REGION	NO.	DESCRIPTION	DESIGN RESPONSIBILITY	TYPE	STATUS	BRIDGE	ROW	ENV	STIP	QTR	AMOUNT	DIST	COMMENT
OLD COLONY	605238	AVON- STOUGHTON- RESURFACING & RELATED WORK ON ROUTE 24	MASSHIGHWAY IN-HOUSE	Resurfacing	ADV	NA	NONE	CLEAR	ON ORIGINAL STIP ARRA	2ND QTR	\$5,071,620.00	District 5	ADV ARRA
CAPE COD	604914	BARNSTABLE- LANDSCAPING & IMPROVEMENTS ON ROUTE 132, FROM ROUTE 6 TO BEARSE'S WAY	MUNICIPAL DESIGN	Landscape and Roadside Develop	ADV	NA	NONE	CLEAR	ON ORIGINAL STIP	2ND QTR	\$1,312,580.00	District 5	ADV
BOSTON REGION	604877	BERLIN- HUDSON- MARLBOROUGH- INTERSTATE MAINTENANCE & RELATED WORK ON I-495	MASSHIGHWAY IN-HOUSE	Resurfacing	ADV	NA	NONE	CLEAR	ON ORIGINAL STIP	2ND QTR	\$14,532,750.00	District 3	ADV
OLD COLONY	604431	BROCKTON- RECONSTRUCTION OF ROUTE 27, PLEASANT STREET AT WEST STREET AND WESTGATE MALL DRIVE	MUNICIPAL DESIGN	Hwy. Reconst - Minor Widening	ADV	NA	ISSUED	CLEAR	ON ORIGINAL STIP ARRA	2ND QTR	\$5,851,600.00	District 5	ADV ARRA
BOSTON REGION	600811	CAMBRIDGE- SOMERVILLE- BELMONT- BIKEWAY CONSTRUCTION AT ALEWIFE STATION, INCLUDES PEDESTRIAN BRIDGE	MASSHIGHWAY CONSULTANT	Bikeway/Bike Path Construction	ADV	FINAL UR	ISSUED	CLEAR	ON ORIGINAL STIP	2ND QTR	\$6,081,240.00	District 4	ADV
BOSTON REGION	87612	DANVERS- PEABODY- RECONSTRUCTION OF TWO INTERCHANGES ON ROUTE 128, WITH ROUTE 62 AND ROUTE 128 WITH ROUTE 35, INCLUDES REPLACEMENT	MASSHIGHWAY CONSULTANT	Hwy Reconst - No Added Capacity	ADV	APPROVED	ISSUED	CLEAR	ON ORIGINAL STIP	2ND QTR	\$34,982,000.00	District 4	ADV
SOUTHEASTERN MASS	603619	DIGHTON- TAUNTON- BRIDGE REPLACEMENT, D-08-013-T 01-025, OLD SOMERSET AVENUE OVER THE THREE MILE RIVER	MASSHIGHWAY CONSULTANT	Bridge Replacement	ADV	APPROVED	ISSUED	CLEAR	ON ORIGINAL STIP	2ND QTR	\$1,631,041.00	District 5	ADV
FRANKLIN REGION	604062	GREENFIELD- SIGNAL & INTERSECTION IMPROVEMENTS AT 8 INTERSECTIONS	MUNICIPAL DESIGN	Traffic Signals	ADV	NA	ISSUED	CLEAR	ON ORIGINAL STIP	2ND QTR	\$4,187,815.00	District 2	ADV
MERRIMACK VALLEY	600988	GROVELAND- HAVERHILL- BRIDGE REPLACEMENT, G-15-001=H-12-012, ROUTE 97 & ROUTE 113 OVER THE MERRIMACK RIVER (BATES BRIDGE)	MASSHIGHWAY CONSULTANT	Bridge Replacement	ADV	APPROVED	ISSUED	CLEAR	ON ORIGINAL STIP	2ND QTR	\$75,850,044.00	District 4	ADV
BOSTON REGION	605101	HANOVER- BRIDGE REPLACEMENT, H-06-011, ROUTE 53 (WASHINGTON STREET) OVER ROUTE 3 INCLUDING SIGNAL & INTERSECTION IMPROVEMENTS AT	MASSHIGHWAY CONSULTANT	Bridge Replacement	ADV	APPROVED	ISSUED	CLEAR	ON ORIGINAL STIP	2ND QTR	\$13,509,400.00	District 5	ADV
MONTACHUSET T	604400	HARVARD- LITTLETON- RESURFACING & RELATED WORK ON ROUTE 2	MASSHIGHWAY IN-HOUSE	Resurfacing	ADV	NA	NONE	CLEAR	ON ORIGINAL STIP ARRA	2ND QTR	\$5,709,600.00	District 3	ADV ARRA
MERRIMACK VALLEY	603718	LAWRENCE- BRIDGE REHABILITATION, L-04-014, EAST HAVERHILL STREET OVER THE SPICKET RIVER	MASSHIGHWAY CONSULTANT	Bridge Reconstruction /Rehab	ADV	APPROVED	ISSUED	CLEAR	ON ORIGINAL STIP	2ND QTR	\$4,600,000.00	District 4	ADV
BOSTON REGION	26710	LYNN- SAUGUS- BRIDGE REPLACEMENT (TEMP), L-18-016=S-05-008, ROUTE 107 OVER THE SAUGUS RIVER (FOX HILL BRIDGE)	MASSHIGHWAY CONSULTANT	Bridge Replacement	ADV	APPROVED	ISSUED	CLEAR	ON ORIGINAL STIP	2ND QTR	\$14,044,182.00	District 4	ADV
SOUTHEASTERN MASS	604309	MARION- MATTAPOISETT- INTERSTATE MAINTENANCE & RELATED WORK ON I-195	MASSHIGHWAY IN-HOUSE	Resurfacing	100%	NA	NONE	CLEAR	ON ORIGINAL STIP	2ND QTR	\$12,522,000.00	District 5	100% AT FHWA
FRANKLIN REGION	603135	MONTAGUE- BRIDGE REPLACEMENT, M-28-028, PROSPECT STREET OVER SPRING STREET	MASSHIGHWAY CONSULTANT	Bridge Replacement	ADV	APPROVED	ISSUED	CLEAR	ON ORIGINAL STIP	2ND QTR	\$3,350,414.00	District 2	ADV
BOSTON REGION	604878	READING- STONEHAM- WINCHESTER- WOBURN INTERSTATE MAINTENANCE & RELATED WORK ON I-93	MASSHIGHWAY IN-HOUSE	Resurfacing	ADV	NA	NONE	CLEAR	ON ORIGINAL STIP	2ND QTR	\$15,728,210.00	District 4	ADV
<b>STATEWIDE 3RD QUARTER</b>													
MERRIMACK VALLEY	602321	AMESBURY- BRIDGE REPLACEMENT, A-07-015, R STREET OVER THE BACK RIVER	MASSHIGHWAY CONSULTANT	Bridge Replacement	100%	APPROVED	MUNICIPALITY	CLEAR	ON ORIGINAL STIP	3RD QTR	\$2,014,251.00	District 4	RECOMMEND AMENDING OUT OF 2009 INTO 2010 DUE TO FISCAL CONSTRAINT
BOSTON REGION	29491	BEDFORD- BILLERICA- BURLINGTON- MIDDLESEX TURNPIKE/MITRE EXTENSION FROM ROUTE 62 TO NORTH OF PLANK STREET (PHASE II)	MUNICIPAL DESIGN	Safety Improvements	100%	NA	MUNICIPALITY	ACOE, WQC	ON ORIGINAL STIP	3RD QTR	\$16,315,050.00	District 4	NEGOTIATING ROW, DEP AND MITRE ISSUES RELATED TO HAZMAT
SOUTHEASTERN MASS	601312	DARTMOUTH- NEW BEDFORD- IMPROVEMENTS ON DARTMOUTH STREET, FROM ROCKDALE AVENUE TO ROGER STREET (3R PROJECT)	MUNICIPAL DESIGN	Traffic Signals	100%	NA	ISSUED	CLEAR	ON ORIGINAL STIP	3RD QTR	\$2,522,305.00	District 5	PREPARING PS&E
BOSTON REGION	603206	DEDHAM- NEEDEHAM- BRIDGE REPLACEMENT ON ROUTE 128 (ADD-A-LANE BRIDGES) D-05-042, D-05-043, D-05-040, D-05-041, D-05-038=N-04-030, D-05-039, N-04-029 (BRIDGE	MASSHIGHWAY CONSULTANT	Bridge Reconstruction /Rehab	100%	VARIOUS SUBMITTALS UR	NONE	WPA, PGPII, WQC, CHP 91	ON ORIGINAL STIP	3RD QTR	\$108,700,000.00	District 4	CHAPTER 91 FILED, SIGNIFICANT STRUCTURAL WORK REMAINING DEDHAM CON COM

**MASSHIGHWAY FFY 2009 STIP ADVERTISEMENTS THROUGH AUGUST 15, 2009**

REGION	NO.	DESCRIPTION	DESIGN RESPONSIBILITY	TYPE	STATUS	BRIDGE	ROW	ENV	STIP	QTR	AMOUNT	DIST	COMMENT
SOUTHEASTERN MASS	604571	FALL RIVER- FREETOWN- INTERCHANGE CONSTRUCTION ON ROUTE 24	DEVELOPER	New Construction	ADV	D/B	D/B	D/B	ON ORIGINAL STIP ARRA	3RD QTR	\$72,000,000.00	District 5	ADV ARRA
SOUTHEASTERN MASS	604575	FALL RIVER- INTERSTATE MAINTENANCE & RELATED WORK ON I-195, FROM ROUTE 24 TO THE BRAGA BRIDGE	MASSHIGHWAY IN-HOUSE	Resurfacing	100%	NA	NONE	CLEAR	ON ORIGINAL STIP	3RD QTR	\$6,679,030.00	District 5	RECOMMEND AMENDING OUT OF 2009 INTO 2010 DUE TO FISCAL CONSTRAINT
CAPE COD	603609	FALMOUTH- RECONSTRUCTION OF ROUTE 28 AT REINE'S CORNER	MASSHIGHWAY IN-HOUSE	Hwy Reconstr- No Added Capacity	100%	NA	MASSHIGHWAY	CLEAR	ON ORIGINAL STIP	3RD QTR	\$1,979,530.00	District 5	NEED MASSHIGHWAY ROW CERT
MONTACHUSET T	604736	FITCHBURG- INTERSECTION IMPROVEMENTS @ JOHN FITCH HIGHWAY & ASHBY STATE ROAD (ROUTE 31)	MUNICIPAL DESIGN	Hwy Reconstr - Restr and Rehab	100%	NA	MASSHIGHWAY	CLEAR	ON ORIGINAL STIP	3RD QTR	\$1,816,570.00	District 3	100% RECEIVED 7-31 MASSHIGHWAY TOOK OVER DESIGN
BOSTON REGION	604013	FRAMINGHAM- BRIDGE REPLACEMENT, F-07-016, FOUNTAIN STREET OVER MBTA & CSX	MASSHIGHWAY CONSULTANT	Bridge Replacement	100%	FINAL TO DE	MASSHIGHWAY	CLEAR	ON ORIGINAL STIP	3RD QTR	\$3,900,000.00	District 3	RECOMMEND AMENDING OUT OF 2009 INTO 2010 DUE TO FISCAL CONSTRAINT
MERRIMACK VALLEY	601355	HAVERTHILL- BRIDGE REPLACEMENT, H-12-005, FERRY ROAD OVER THE B&M RAILROAD AND MBTA	MASSHIGHWAY CONSULTANT	Bridge Replacement	ADV	APPROVED	ISSUED	CLEAR	ON ORIGINAL STIP	3RD QTR	\$7,498,148.00	District 4	ADV
SOUTHEASTERN MASS	600356	LAKEVILLE- MIDDLEBOROUGH- RELOCATION OF ROUTE 79 (RHODE ISLAND ROAD) (2,069 FT)	DEVELOPER	Highway Relocation	ADV	NA	ISSUED	CLEAR	ON ORIGINAL STIP	3RD QTR	\$3,516,280.00	District 5	ADV
SOUTHEASTERN MASS	604293	NEW BEDFORD- RECONSTRUCTION OF HAWTHORNE STREET CORRIDOR (HISTORIC STREET)	MUNICIPAL DESIGN	Hwy Reconstr - Restr and Rehab	100%	NA	ISSUED	HIST	ON ORIGINAL STIP	3RD QTR	\$2,936,730.00	District 5	100% UR NAE AT MHC
PIONEER VALLEY	603054	NORTHAMPTON- SIGNAL & INTERSECTION IMPROVEMENTS AT NORTH MAIN STREET (ROUTE 9 ROUNDABOUT) BRIDGE ROAD AND LOOK MEMORIAL	MUNICIPAL DESIGN	Traffic Signals	100%	NA	ISSUED	CLEAR	ON ORIGINAL STIP	3RD QTR	\$2,603,580.00	District 2	PREPARING PS&E
FRANKLIN REGION	604221	NORTHFIELD- SCENIC BYWAY CONSTRUCTION ON ROUTE 10/63 (PHASE I)	MUNICIPAL DESIGN	Miscellaneous/ No Prequal	ADV	NA	ISSUED	CLEAR	ON ORIGINAL STIP ARRA	3RD QTR	\$1,685,890.00	District 2	ADV ARRA
CENTRAL MASS	603533	SHREWSBURY- WORCESTER- RESURFACING & RELATED WORK ON SECTIONS OF ROUTE 20	MASSHIGHWAY IN-HOUSE	Resurfacing	ADV	NA	NONE	CLEAR	ON ORIGINAL STIP ARRA	3RD QTR	\$3,453,780.00	District 3	ADV ARRA
PIONEER VALLEY	602600	SPRINGFIELD- BRIDGE REPLACEMENTS, S-24-090 & S-24-091, ROOSEVELT AVENUE OVER CONRAIL SPUR & MAIN (DOUBLESTACK) LINE	MASSHIGHWAY CONSULTANT	Bridge Replacement	100%	FINAL TO DE	MASSHIGHWAY	CLEAR	ON ORIGINAL STIP	3RD QTR	\$11,510,000.00	District 2	RECOMMEND AMENDING OUT OF 2009 INTO 2010 DUE TO FISCAL CONSTRAINT
FRANKLIN REGION	604243	WHATLEY- BRIDGE REPLACEMENT, W-33-009, HAYDEVILLE ROAD OVER WEST BROOK	MASSHIGHWAY CONSULTANT	Bridge Reconstruction /Rehab	100%	FINAL UR	MUNICIPALITY	CLEAR	ON ORIGINAL STIP	3RD QTR	\$1,567,870.00	District 2	RECOMMEND AMENDING OUT OF 2009 INTO 2010 DUE TO FISCAL CONSTRAINT
CENTRAL MASS	605063	WORCESTER- BLACKSTONE VISITOR CENTER	MUNICIPAL DESIGN	Vertical Construction (Ch 149)	100%	NA	NONE	CLEAR	ON ORIGINAL STIP	3RD QTR	\$13,733,100.00	District 3	NEED MUSEUM FUNDING
<b>STATEWIDE 4TH QUARTER</b>													
MERRIMACK VALLEY	603183	AMESBURY- BRIDGE REPLACEMENT, A-07-010, MAIN STREET OVER MERRIMACK RIVER (1ST LT. DEREK S. HINES MEMORIAL BRIDGE)	MASSHIGHWAY CONSULTANT	Bridge Replacement	75%	SKETCH PLANS	MASSHIGHWAY	CLEAR	ON ORIGINAL STIP	4TH QTR	\$35,000,000.00	District 4	NEED FHWA APPROVAL OF RFP FOR D/B
MERRIMACK VALLEY	180509	AMESBURY- SALISBURY- RECONSTRUCTION OF STATE ROUTE 110, FROM ROUTE I-495 TO MERRILL STREET	MUNICIPAL DESIGN	Hwy. Reconstr - Minor Widening	100%	NA	MASSHIGHWAY	CE, PGP, WQC, WPA, HIST	ON ORIGINAL STIP	4TH QTR	\$7,291,280.00	District 4	DEP WQC SITE VISIT SCHEDULED FOR 8-20
FRANKLIN REGION	80823	ASHFIELD- RETAINING WALL REPLACEMENT ON ROUTE 116 ALONG THE SOUTH RIVER (2 LOCATIONS)	MASSHIGHWAY CONSULTANT	Hwy Reconstr - Restr and Rehab	75%	RET WALLS	MASSHIGHWAY	CE, ENF, PGP, WQC	ON ORIGINAL STIP	4TH QTR	\$3,200,000.00	District 1	NEED TO EVALUATE CONDITION OF EXISTING WALLS
CAPE COD	604096	BARNSTABLE- SIGNAL & INTERSECTION IMPROVEMENTS ON ROUTE 28 @ 3 LOCATIONS: LUMBERT MILLS ROAD, SOUTH COUNTY ROAD AND ROUTE 149	MASSHIGHWAY CONSULTANT	Traffic Signals	ADV	NA	ISSUED	CLEAR	ON ORIGINAL STIP	4TH QTR	\$2,965,750.00	District 5	ADV
PIONEER VALLEY	602967	BECKET- CHESTER- MIDDLEFIELD- REHABILITATION OF B-03-017=M-19-017 & B-03-018=M-19-018, OLD "WESTERN RAILROAD" KEYSTONE ARCH BRIDGES OVER THE WEST	MUNICIPAL DESIGN	Bridge Reconstruction /Rehab	100%	FINAL	MUNICIPALITY	CE, WPA	ON ORIGINAL STIP	4TH QTR	\$1,348,444.00	District 1	ROW ISSUE NEEDS TO BE RESOLVED, DESIGN NEEDS TO BE UPDATED
BOSTON REGION	603370	BOSTON- BRIDGE REHABILITATION, B-16-029, ROUTE 99 (ALFORD STREET) OVER MYSTIC RIVER	MUNICIPAL DESIGN	Bridge Reconstruction /Rehab	100%	FINAL UR	NONE	PGPII, CG LETTER	ON ORIGINAL STIP	4TH QTR	\$65,000,000.00	District 4	STRUCTURAL SUBMITTAL DUE 8-21

**MASSHIGHWAY FFY 2009 STIP ADVERTISEMENTS THROUGH AUGUST 15, 2009**

REGION	NO.	DESCRIPTION	DESIGN RESPONSIBILITY	TYPE	STATUS	BRIDGE	ROW	ENV	STIP	QTR	AMOUNT	DIST	COMMENT
BOSTON REGION	604997	BOSTON- RECONSTRUCTION & IMPROVEMENTS ON MUSEUM ROAD & FORSYTH WAY	MUNICIPAL DESIGN	Hwy Reconstr - Restr and Rehab	100%	NA	MUNICIPALITY	4(F)	ON ORIGINAL STIP	4TH QTR	\$3,521,460.00	District 4	4(F) TO FHWA ON 7-8-2009 NEED NPS REVIEW
BOSTON REGION	604993	CAMBRIDGE- INNOVATION BOULEVARD STREETScape & PEDESTRIAN IMPROVEMENTS, BETWEEN MAIN STREET & BINNEY STREET (PHASE I)	MUNICIPAL DESIGN	Hwy Reconstr - Restr and Rehab	25%	NA	MUNICIPALITY	HIST	ON ORIGINAL STIP	4TH QTR	\$1,500,000.00	District 4	RESUBMITTAL OF 25% REQUIRED
MONTACHUSET	603492	CLINTON- BRIDGE REPLACEMENT, C-16-002, WATER STREET OVER THE NASHUA RIVER	MASSHIGHWAY CONSULTANT	Bridge Replacement	ADV	APPROVED	ISSUED	CLEAR	ON ORIGINAL STIP ARRA	4TH QTR	\$3,525,024.00	District 3	ADV ARRA
SOUTHEASTERN MASS	602891	FAIRHAVEN- RESURFACING AND RELATED WORK ON A SECTION OF ROUTE 240	MASSHIGHWAY IN-HOUSE	Resurfacing	75%	NA	NONE	CLEAR	ON ORIGINAL STIP	4TH QTR	\$1,778,690.00	District 5	DISTRICT 5 PREPARING PS&E
CAPE COD	603494	FALMOUTH- BRIDGE REPLACEMENT, F-03-009, CHAPOQUOIT ROAD OVER WEST FALMOUTH HARBOR	MASSHIGHWAY CONSULTANT	Bridge Replacement	100%	FINAL TO DE	ISSUED	PGP, WQC, HIST	ON ORIGINAL STIP	4TH QTR	\$3,769,200.00	District 5	NEED 3RD STRUCTURAL SUBMITTAL
BOSTON REGION	602496	FOXBOROUGH- NORFOLK- WRENTHAM- RECONSTRUCTION OF ROUTE 115, POND STREET & PINE STREET, FROM NEEDHAM STREET IN NORFOLK TO	MUNICIPAL DESIGN	New Construction	100%	NA	ISSUED	CLEAR	ON ORIGINAL STIP	4TH QTR	\$8,133,460.00	District 5	PREPARING PS&E
MONTACHUSET	604336	GARDNER- BRIDGE REPLACEMENT, G-01-022, MILL STREET OVER BAKER BROOK	MASSHIGHWAY CONSULTANT	Bridge Replacement	100%	FINAL TO DE	MUNICIPALITY	PGP II, WQC	ON ORIGINAL STIP	4TH QTR	\$938,394.00	District 3	RECOMMEND AMENDING OUT OF 2009 INTO 2010 DUE TO FISCAL CONSTRAINT
BOSTON REGION	604006	HUDSON- BRIDGE REPLACEMENT, H-25-004, HOUGHTON STREET OVER ASSABET RIVER	MASSHIGHWAY CONSULTANT	Bridge Replacement	25%	SKETCH PLANS	MUNICIPALITY	CE, WQC, PGP, HIST	ON ORIGINAL STIP	4TH QTR	\$2,541,322.00	District 3	RECOMMEND AMENDING OUT OF 2009 INTO 2010 DUE TO FISCAL CONSTRAINT
NORTHERN MIDDLESEX	605364	LOWELL- HAMILTON CANAL WALKWAY CONSTRUCTION & RAILROAD BRIDGE REHABILITATION	NATIONAL PARK SERVICE	Bridge Reconstruction /Rehab	100%	FINAL UR	NONE	CHAPTER 91, PGP	ON ORIGINAL STIP	4TH QTR	\$2,700,000.00	District 4	CHAPTER 91 WILL NOT BE ISSUED UNTIL NOVEMBER
SOUTHEASTERN MASS	604092	MANSFIELD- SLIP RAMP CONSTRUCTION, FROM ROUTE 140 TO I-495 (SB)	MASSHIGHWAY CONSULTANT	New Construction	75%	NA	ISSUED	MEPA, CE, HIST	ON ORIGINAL STIP	4TH QTR	\$3,090,000.00	District 5	100% DUE 8-19
BOSTON REGION	605122	MEDFORD- IMPROVEMENTS & REALIGNMENT ON CLIPPERSHIP DRIVE	MUNICIPAL DESIGN	Hwy Reconstr- No Added Capacity	75%	NA	MUNICIPALITY	HIST	ON ORIGINAL STIP	4TH QTR	\$1,819,920.00	District 4	DE REVISING HOR ALIGNMENT
NANTUCKET	604286	NANTUCKET- BIKE PATH CONSTRUCTION ON CLIFF ROAD	MUNICIPAL DESIGN	Bikeway/Bike Path Construction	25%	NA	MUNICIPALITY	CE, WPA, MESA, CZM	ON ORIGINAL STIP	4TH QTR	\$713,770.00	District 5	TOWN DOES NOT HAVE CONTRACT WITH DE
MERRIMACK VALLEY	605022	NEWBURYPORT- PARK & RIDE EXPANSION	MASSHIGHWAY CONSULTANT	Miscellaneous/ No Prequal	ADV	NA	NONE	CLEAR	ON ORIGINAL STIP ARRA	4TH QTR	\$3,587,090.00	District 4	ARRA ADVERTISED
BERKSHIRE REGION	605072	NORTH ADAMS- DOWNTOWN STREETScape IMPROVEMENTS	MUNICIPAL DESIGN	Landscape and Roadside Develop	75%	NA	MUNICIPALITY	HIST	ON ORIGINAL STIP	4TH QTR	\$3,294,720.00	District 1	75% REC'D 8-4
PIONEER VALLEY	604030	PALMER- BRIDGE REPLACEMENT, P-01-018, STATE STREET OVER THE WARE RIVER	MASSHIGHWAY CONSULTANT	Bridge Replacement	75%	FINAL UR	MUNICIPALITY	PGII, WQC	ON ORIGINAL STIP	4TH QTR	\$2,458,450.00	District 2	RECOMMEND AMENDING OUT OF 2009 INTO 2010 DUE TO FISCAL CONSTRAINT
MONTACHUSET	604220	ROYALSTON- RECLAMATION OF ROUTE 32	MUNICIPAL DESIGN	Reclamation	100%	NA	MUNICIPALITY	CLEAR	ON ORIGINAL STIP	4TH QTR	\$4,898,570.00	District 2	NEED DCR TO ISSUE PERMIT AND MUNI ROW. NAE AT MHC
BOSTON REGION	601017	SALEM- RECONSTRUCTION OF ROUTE 1A (BRIDGE STREET) FROM THE BEVERLY/SALEM BRIDGE TO WASHINGTON STREET (6000 FT.)	MUNICIPAL DESIGN	Hwy Reconstr- No Added Capacity	100%	NA	MUNICIPALITY	HIST	ON ORIGINAL STIP	4TH QTR	\$10,704,407.00	District 4	100% UR
BOSTON REGION	604938	SOMERVILLE- WILMINGTON - GUIDE & TRAFFIC SIGN REPLACEMENT ON I-93, FROM SULLIVAN SQUARE (EXIT 28) TO ROUTE 129 (EXIT 38)	MASSHIGHWAY CONSULTANT	Structural Signing	ADV	NA	NONE	CLEAR	ARRA	4TH QTR	\$4,983,439.00	District 4	ADVERTISED
CENTRAL MASS	602961	SOUTHBRIDGE- RECONSTRUCTION OF ROUTE 169 (WOODSTOCK ROAD) FROM THE CONNECTICUT S.L. TO ROUTE 131 (E. MAIN STREET)	MUNICIPAL DESIGN	Hwy. Reconstr - Minor Widening	75%	NA	MUNICIPALITY	HIST	ON ORIGINAL STIP	4TH QTR	\$8,307,130.00	District 3	MUNI TO SUBMIT PLAN REGARDING IMPACTS TO WALL FOR HIST REV
CENTRAL MASS	601223	SOUTHBRIDGE- STURBRIDGE- RESURFACING & RELATED WORK ON ROUTE 131 (SOUTHBRIDGE ROAD) FROM ROUTE 20 TO SOUTHBRIDGE TL (2.841 MILES)	MUNICIPAL DESIGN	Resurfacing	100%	NA	MASSHIGHWAY	CLEAR	ON ORIGINAL STIP	4TH QTR	\$6,007,500.00	District 3	5 FOOT ERROR IN SHLO SURVEY NEED REVISED LAYOUT PLANS
NORTHERN MIDDLESEX	603823	TYNGSBOROUGH- RELOCATION OF ROUTE 113 (PAWTUCKET BOULEVARD)	MASSHIGHWAY CONSULTANT	Highway Relocation	100%	NA	MASSHIGHWAY	WPA	ON ORIGINAL STIP	4TH QTR	\$8,164,750.00	District 4	NEED MASSHIGHWAY ROW CERT.
BOSTON REGION	605139	WATERTOWN- BIKEPATH CONSTRUCTION, FROM SCHOOL STREET TO ARLINGTON STREET/NICHOLS AVENUE WITH CONNECTION TO FILIPELLO PLAYGROUND	MUNICIPAL DESIGN	Bikeway/Bike Path Construction	100%	NA	MUNICIPALITY	CLEAR	ON ORIGINAL STIP	4TH QTR	\$1,441,000.00	District 4	PS&E RECEIVED NEED MUNI ROW CERT

**MASSHIGHWAY FFY 2009 STIP ADVERTISEMENTS THROUGH AUGUST 15, 2009**

REGION	NO.	DESCRIPTION	DESIGN RESPONSIBILITY	TYPE	STATUS	BRIDGE	ROW	ENV	STIP	QTR	AMOUNT	DIST	COMMENT
BOSTON REGION	602053	WATERTOWN- INTERSECTION IMPROVEMENTS AT 3 LOCATIONS: SPRING AT SUMMER; MOUNT AUBURN AT SUMMER; COOLIDGE HILL ROAD AT CRAWFORD	MUNICIPAL DESIGN	Safety Improvements	ADV	NA	ISSUED	CLEAR	ON ORIGINAL STIP	4TH QTR	\$2,031,307.00	District 4	ADVERTISED
MONTACHUSET T	603321	WESTMINSTER- BRIDGE REPLACEMENT, W-28-021, ROUTE 2 (EB & WB) OVER WEST MAIN STREET	MASSHIGHWAY CONSULTANT	Bridge Replacement	100%	APPROVED	ISSUED	ACOE, WQC	ON ORIGINAL STIP	4TH QTR	\$14,846,450.00	District 3	PGP AND WQC FILED 7-2-09
CENTRAL MASS	602620	WORCESTER- RECONSTRUCTION OF ROUTE 70 (LINCOLN STREET) @ I-290 RAMPS	MUNICIPAL DESIGN	Hwy. Reconst - Minor Widening	100%	NA	MUNICIPALIT Y	CLEAR	ON ORIGINAL STIP	4TH QTR	\$3,082,050.00	District 3	100% REC'D 8-6
<b>SPECIAL BRIDGE FUNDS</b>													
BOSTON REGION	603715	DANVERS- BRIDGE REPLACEMENT, D-03-026, ROUTE 1 OVER CENTRE STREET (NB & SB)	MASSHIGHWAY CONSULTANT	Bridge Replacement	ADV	APPROVED	NONE	CLEAR	SPECIAL BRIDGE FUNDS	4TH QTR	\$9,568,830.00	District 4	ADVERTISED
BERKSHIRE REGION	603696	LEE- BRIDGE REPLACEMENT, L-05-023, OLD PLEASANT STREET OVER HOUSATONIC RIVER	MASSHIGHWAY CONSULTANT	Bridge Replacement	100%	APPROVED	ISSUED	WQC, PGP	SPECIAL BRIDGE FUNDS	4TH QTR	\$4,459,490.00	District 1	WQC AND PGP FILED 4-27-09
BOSTON REGION	604240	MILLIS- BRIDGE REPLACEMENT, M-23-005, ROUTE 115 (NORFOLK ROAD) OVER THE CHARLES RIVER	MASSHIGHWAY CONSULTANT	Bridge Replacement	100%	APPROVED	MASSHIGHW AY	CLEAR	SPECIAL BRIDGE FUNDS	4TH QTR	\$2,100,000.00	District 3	NEED MASSHIGHWAY ROW CERT
FRANKLIN REGION	603594	ORANGE- BRIDGE REPLACEMENT, O-03-024, WEST RIVER STREET OVER ROUTE 2	MASSHIGHWAY CONSULTANT	Bridge Replacement	100%	APPROVED	NONE	CLEAR	SPECIAL BRIDGE FUNDS	4TH QTR	\$4,757,140.00	District 2	NEED STIP AMENDMENT
<b>AMENDED INTO FFY 2009 STIP</b>													
MERRIMACK VALLEY	604709	ANDOVER- PARK & RIDE EXPANSION OFF DASCOMB ROAD	MASSHIGHWAY IN-HOUSE	New Construction	ADV	NA	NONE	CLEAR	AMENDED INTO FFY 2009	4TH QTR	\$1,324,830.00	District 4	ADVERTISED
CENTRAL MASS	605580	AUBURN- RESURFACING & RELATED WORK ON ROUTE 20 (WASHINGTON STREET)	MASSHIGHWAY IN-HOUSE	Resurfacing	25%	NA	NONE	CLEAR	AMENDED INTO FFY 2009	4TH QTR	\$1,340,000.00	District 3	AMENDED INTO FFY 2009 - WILL BE AMENDED OUT
BOSTON REGION	605684	CAMBRIDGE- INTERSECTION & SIGNAL IMPROVEMENTS ON BROADWAY, FROM THIRD STREET TO AMES STREET (KENDALL SQUARE)	MUNICIPAL DESIGN	Hwy Reconst - Restr and Rehab	PRE 25%	NA	MUNICIPALIT Y	CE, WPA, HIST	AMENDED INTO FFY 2009	4TH QTR	\$950,000.00	District 4	AMENDED INTO FFY 2009
MERRIMACK VALLEY	605180	METHUEN- IMPROVEMENTS ON I-93 AT ROUTE 110/113 ROTARY (NB OFF-RAMP WIDENING - SHORT TERM PLAN)	Hwy Reconst - Added Capacity	25% Design	25%	NA	MASSHIGHW AY	MEPA, NEPA, WPA, HIST	AMENDED INTO FFY 2009	4TH QTR	\$1,200,000.00		AMENDED INTO FFY 2009
SOUTHEAST MASS	605678	NEW BEDFORD- CONSTRUCTION OF FLAHERTY DRIVE EXTENSION	MUNICIPAL DESIGN	New Construction	PRE 25%	NA	MUNICIPALIT Y	CE, WPA, HIST	AMENDED INTO FFY 2009	4TH QTR	\$2,333,980.00	District 5	AMENDED INTO FFY 2009
OLD COLONY	604814	WEST BRIDGEWATER- PARK & RIDE UPGRADES AT ROUTE 106, WEST CENTER STREET & PLEASANT STREET	MASSHIGHWAY IN-HOUSE	Hwy Reconst - No Added Capacity	100%	NA	ISSUED	CLEAR	AMENDED INTO FFY 2009	4TH QTR	\$512,120.00	District 5	AMENDED INTO FFY 2009
<b>ARRA 2ND QTR</b>													
BERKSHIRE REGION	603550	ADAMS- RESURFACING AND RELATED WORK ON A SECTION OF ROUTE 116	MASSHIGHWAY IN-HOUSE	Resurfacing	ADV	NA	NONE	CLEAR	ARRA	2ND QTR	\$1,714,860.00	District 1	ADV ARRA
CAPE COD	604521	BARNSTABLE- RESURFACING AND RELATED WORK ON ROUTE 6A	MASSHIGHWAY IN-HOUSE	Resurfacing	ADV	NA	NONE	CLEAR	ARRA	2ND QTR	\$3,701,540.00	District 5	ADV ARRA
CAPE COD	604224	BOURNE- COLD PLANING AND RESURFACING ON ROUTE 6 (SCENIC HIGHWAY)	MASSHIGHWAY IN-HOUSE	Resurfacing	ADV	NA	NONE	CLEAR	ARRA	2ND QTR	\$1,805,110.00	District 5	ADV ARRA

**MASSHIGHWAY FFY 2009 STIP ADVERTISEMENTS THROUGH AUGUST 15, 2009**

REGION	NO.	DESCRIPTION	DESIGN RESPONSIBILITY	TYPE	STATUS	BRIDGE	ROW	ENV	STIP	QTR	AMOUNT	DIST	COMMENT
OLD COLONY	601104	BRIDGEWATER- MIDDLEBORO- RESURFACING & RELATED WORK ON ROUTES 18 & 28, FROM BRIDGEWATER TO MIDDLEBORO ROTARY	MASSHIGHWAY IN-HOUSE	Resurfacing	ADV	NA	NONE	CLEAR	ARRA	2ND QTR	\$2,923,530.00	District 5	ADV ARRA
BOSTON REGION	605018	BURLINGTON- LEXINGTON- READING- WOBURN- TRAFFIC SIGN & GUIDE REPLACEMENT ON I-95 (SR 128)	MASSHIGHWAY CONSULTANT	Sign Installation/Up grading	ADV	NA	NONE	CLEAR	ARRA	2ND QTR	\$3,088,110.00	District 4	ADV ARRA
BOSTON REGION	604630	CONCORD- RESURFACING & RELATED WORK ON ROUTE 2, FROM WALDEN TO SUDBURY AND FROM NINE ACRE CORNER ROAD TO ELM STREET ROUTE 2A	MASSHIGHWAY IN-HOUSE	Resurfacing	ADV	NA	NONE	CLEAR	ARRA	2ND QTR	\$4,959,250.00	District 4	ADV ARRA
FRANKLIN REGION	605539	GILL- ERVING- ORANGE- WENDELL- RESURFACING & RELATED WORK ON ROUTE 2	MASSHIGHWAY IN-HOUSE	Resurfacing	ADV	NA	NONE	CLEAR	ARRA	2ND QTR	\$4,305,930.00	District 2	ADV ARRA
BOSTON REGION	604629	LINCOLN- RESURFACING AND RELATED WORK ON ROUTE 2	MASSHIGHWAY IN-HOUSE	Resurfacing	ADV	NA	NONE	CLEAR	ARRA	2ND QTR	\$1,796,330.00	District 4	ADV ARRA
BERKSHIRE REGION	605028	NEW ASHFORD- LANESBOROUGH- RESURFACING & RELATED WORK ON ROUTE 7, FROM MM 41.68 TO MM 45.05	MASSHIGHWAY IN-HOUSE	Resurfacing	ADV	NA	NONE	CLEAR	ARRA	2ND QTR	\$2,176,210.00	District 1	ADV ARRA
SOUTHEASTERN MASS	605113	SWANSEA- RESURFACING & RELATED WORK ON ROUTE 6	MASSHIGHWAY IN-HOUSE	Resurfacing	ADV	NA	NONE	CLEAR	ARRA	2ND QTR	\$4,440,310.00	District 5	ADV ARRA
SOUTHEASTERN MASS	604314	WESTPORT- RESURFACING & RELATED WORK ON ROUTE 6	MASSHIGHWAY IN-HOUSE	Resurfacing	ADV	NA	NONE	CLEAR	ARRA	2ND QTR	\$6,006,020.00	District 5	ADV ARRA
<b>ARRA 3RD QTR</b>													
CENTRAL MASS	604373	BARRE- RESURFACING & RELATED WORK ON ROUTE 122 (WEST STREET) INCLUDES ROUTE 62 (HUBBARDSTON ROAD)	MASSHIGHWAY IN-HOUSE	Resurfacing	ADV	NA	NONE	CLEAR	ARRA	3RD QTR	\$2,795,740.00	District 2	ADV ARRA
PIONEER VALLEY	605540	BELCHERTOWN- WARE- RESURFACING ON ROUTE SR3 & ROUTE 9	MASSHIGHWAY IN-HOUSE	Resurfacing	ADV	NA	NONE	CLEAR	ARRA	3RD QTR	\$4,857,310.00	District 2	ADV ARRA
BERKSHIRE REGION	605386	CHESHIRE- RESURFACING & RELATED WORK ON ROUTE SR 8, FROM LANESBOROUGH T.L. TO MM 51.0	MASSHIGHWAY IN-HOUSE	Resurfacing	ADV	NA	NONE	CLEAR	ARRA	3RD QTR	\$1,221,640.00	District 1	ADV ARRA
CAPE COD	605214	DENNIS- COLD PLANING & RESURFACING ON ROUTE 6A	MASSHIGHWAY IN-HOUSE	Resurfacing	ADV	NA	NONE	CLEAR	ARRA	3RD QTR	\$1,703,730.00	District 5	ADV ARRA
PIONEER VALLEY	605541	EASTHAMPTON- GREENFIELD- NORTHAMPTON- SOUTHAMPTON- WESTFIELD- RESURFACING & RELATED WORK ON ROUTES 5 & 10	MASSHIGHWAY IN-HOUSE	Resurfacing	ADV	NA	NONE	CLEAR	ARRA	3RD QTR	\$4,243,640.00	District 2	ADV ARRA
PIONEER VALLEY	604207	EASTHAMPTON- NORTHAMPTON- MANHAN BIKE TRAIL CONSTRUCTION, FROM EASTHAMPTON LINK TO EARLE STREET, INCLUDES E-05-027=N-19-075, E-05-028 & N-19-	MUNICIPAL DESIGN	Bikeway/Bike Path Construction	ADV	APPROVED	ISSUED	CLEAR	ARRA	3RD QTR	\$4,707,800.00	District 2	ADV ARRA
CENTRAL MASS	604376	HARDWICK- NEW BRAINTREE- RESURFACING & RELATED WORK ON ROUTE 32 (MAIN STREET)	MASSHIGHWAY IN-HOUSE	Resurfacing	ADV	NA	NONE	CLEAR	ARRA	3RD QTR	\$622,600.00	District 2	ADV ARRA
PIONEER VALLEY	604208	HATFIELD- RECLAMATION & RELATED WORK ON ELM STREET	MUNICIPAL DESIGN	Hwy Reconstr- No Added Capacity	ADV	NA	ISSUED	CLEAR	ARRA	3RD QTR	\$1,114,560.00	District 2	ADV ARRA
BERKSHIRE REGION	602086	LANESBOROUGH- RECONSTRUCTION ON ROUTE 7/ROUTE 8 CONNECTOR ROAD, INCLUDES MAINTENANCE OF L-03-022	MUNICIPAL DESIGN	Hwy Reconstr - Restr and Rehab	100%	NA	MUNICIPALITY	CLEAR	ARRA	3RD QTR	\$10,128,284.00	District 1	ARRA - NEED ROW CERT REVISING DRWGS BASED ON FHWA COMMENTS
BERKSHIRE REGION	601886	LENOX- RECONSTRUCTION OF ROUTE 7A (KEMBLE STREET) FROM ROUTE 7 TO ROUTE 183	MASSHIGHWAY IN-HOUSE	Hwy. Reconstr - Minor Widening	ADV	NA	ISSUED	CLEAR	ARRA	3RD QTR	\$4,490,240.00	District 1	ADV ARRA
NANTUCKET	604674	NANTUCKET- RESURFACING AND RELATED WORK ON MILESTONE ROAD	MASSHIGHWAY IN-HOUSE	Resurfacing	ADV	NA	NONE	CLEAR	ARRA	3RD QTR	\$5,601,520.00	District 5	ADV ARRA
PIONEER VALLEY	602652	WILBRAHAM- BRIDGE REHABILITATION, W-35-003, RED BRIDGE ROAD OVER NE UTILITIES CANAL	MASSHIGHWAY CONSULTANT	Bridge Reconstruction /Rehab	ADV	APPROVED	ISSUED	CLEAR	ARRA	3RD QTR	\$2,499,054.00	District 2	ADV ARRA

**MASSHIGHWAY FFY 2009 STIP ADVERTISEMENTS THROUGH AUGUST 15, 2009**

REGION	NO.	DESCRIPTION	DESIGN RESPONSIBILITY	TYPE	STATUS	BRIDGE	ROW	ENV	STIP	QTR	AMOUNT	DIST	COMMENT
<b>ARRA 4TH QTR</b>													
OLD COLONY	605693	ABINGTON - CENTER SCHOOL SAFE ROUTES TO SCHOOL IMPROVEMENTS	EOT CONSULTANT	Hwy Reconstr- No Added Capacity	PRE 25%	NA	MUNICIPALITY	CE, WPA, HIST	ARRA	4TH QTR	\$360,000.00	District 5	ARRA - NO SUBMITTAL
BOSTON REGION	NONE	ARLINGTON - CYRUS E. DALLIN ELEMENTARY SCHOOL SAFE ROUTES TO SCHOOL IMPROVEMENTS	EOT CONSULTANT		PRE 25%	NA	MUNICIPALITY	CE, WPA, HIST	ARRA	4TH QTR	\$448,000.00	District 4	ARRA - NO SUBMITTAL
BOSTON REGION	605672	ARLINGTON- CAMBRIDGE- SOMERVILLE- ALEWIFE GREENWAY CORRIDOR RESTORATION (AKA MINUTEMAN BIKE PATH CONNECTOR)	DCR DESIGN	Bikeway/Bike Path Construction	75%	NA	MUNICIPALITY	CE, WPA, HIST	ARRA	4TH QTR	\$3,000,000.00	District 4	ARRA
BOSTON REGION	605625	BOSTON - DORCHESTER AVENUE	MUNICIPAL DESIGN	Hwy Reconstr- No Added Capacity	100%	APPROVED	ISSUED	CLEAR	ARRA	4TH QTR	\$15,729,000.00	District 4	NEED STIP AMENMENT DUE TO COST
BOSTON REGION	605633	BOSTON - RESURFACING AT VARIOUS LOCATIONS	MUNICIPAL DESIGN	Resurfacing	75%	NA	MUNICIPALITY	CE, WPA, HIST	ARRA	4TH QTR	\$21,741,870.00	District 4	NEED TO DETERMINE COST AND ASSOCIATED LOCATIONS FOR THE PROJECT
BOSTON REGION	605652	BOSTON- CCTV INSTALLATION AT SIGNALIZED INTERSECTIONS (ITS)	MASSHIGHWAY CONSULTANT	Intelligent Transportation Sys	100%	NA	NONE	CLEAR	ARRA	4TH QTR	\$1,700,000.00	District 4	READY ARRA
BOSTON REGION	605653	BOSTON- COMMUNICATION EQUIPMENT INSTALLATION AT 5 LOCATIONS (ITS)	MASSHIGHWAY CONSULTANT	Intelligent Transportation Sys	100%	NA	NONE	CLEAR	ARRA	4TH QTR	\$837,440.00	District 4	COMBIMNED WITH 605653
BOSTON REGION	605654	BOSTON- FIBER OPTIC CONNECTIONS WITHIN EXISTING CONDUIT AT THREE LOCATIONS	MASSHIGHWAY CONSULTANT	Intelligent Transportation Sys	100%	NA	NONE	CLEAR	ARRA	4TH QTR	\$400,000.00	District 4	READY ARRA
BOSTON REGION	605655	BOSTON- VIDEO SYSTEM UPGRADES IP BASED VIRTUAL MATRIX SWITCH (ITS)	MASSHIGHWAY CONSULTANT	Intelligent Transportation Sys	100%	NA	NONE	CLEAR	ARRA	4TH QTR	\$1,803,630.00	District 4	READY ARRA
BOSTON REGION	605662	BOSTON, NEWTON, WATERTOWN - NONANTUM ROAD IMPROVEMENTS	DCR DESIGN	Hwy Reconstr- No Added Capacity	75%	NA	MUNICIPALITY	CE, WPA, HIST	ARRA	4TH QTR	\$3,007,217	District 4	RESUBMITTAL OF DER UR
BOSTON REGION	605656	CAMBRIDGE- NEWTON- FRAMINGHAM- FIBER OPTIC CONNECTION AT THREE LOCATIONS (ITS)	MASSHIGHWAY CONSULTANT	Intelligent Transportation Sys	100%	NA	NONE	CLEAR	ARRA	4TH QTR	\$1,644,141.00	District 4	READY ARRA
MONTACHUSET	604364	FITCHBURG- WESTMINSTER- RESURFACING & RELATED WORK ON ROUTE 2, FROM EXIT 26 (WESTMINSTER) EASTERLY TO THE JUNCTION OF ROUTE 31, EXIT 28	MASSHIGHWAY IN-HOUSE	Resurfacing	ADV	NA	NONE	CLEAR	ARRA	4TH QTR	\$7,898,960.00	District 3	ADV ARRA
MERRIMACK VALLEY	604931	LAWRENCE- BRIDGE BETTERMENT, L-04-009, HAMPSHIRE STREET OVER SPICKET RIVER	MASSHIGHWAY CONSULTANT	Structures Maintenance	ADV	APPROVED	ISSUED	CLEAR	ARRA	4TH QTR	\$2,925,605.00	District 4	ADV ARRA
PIONEER VALLEY	605634	NORTHAMPTON - JACKSON STREET SCHOOL SAFE ROUTES TO SCHOOL IMPROVEMENTS	EOT CONSULTANT	Hwy Reconstr- No Added Capacity	ADV	NA	ISSUED	CLEAR	ARRA	4TH QTR	\$724,710.00	District 2	ADV ARRA
BOSTON REGION	603968	SOMERVILLE- SIGNAL & INTERSECTION IMPROVEMENTS AT MAGOUN SQUARE (BROADWAY, MEDFORD AND DEXTER STREETS)	MUNICIPAL DESIGN	Hwy Reconstr - Restr and Rehab	ADV	NA	ISSUED	CLEAR	ARRA	4TH QTR	\$2,907,560.00	District 4	ADV ARRA
BOSTON REGION	NONE	WALTHAM - NORTHEAST ELEMENTARY SCHOOL SAFE ROUTES TO SCHOOL IMPROVEMENTS	EOT CONSULTANT	Hwy Reconstr- No Added Capacity	PRE 25%	NA	MUNICIPALITY	CE, WPA, HIST	ARRA	4TH QTR	\$518,000.00	District 4	ARRA - NO SUBMITTAL
NORTHERN MIDDLESEX	605632	WESTFORD- INTERSECTION & SIGNAL IMPROVEMENTS AT ROUTE 110 (LITTLETON ROAD) & ROUTE 225 (CONCORD ROAD)	MUNICIPAL DESIGN	Hwy. Reconstr - Minor Widening	ADV	NA	ISSUED	CLEAR	ARRA	4TH QTR	\$4,123,590.00	District 3	ADV ARRA
PIONEER VALLEY	605396	WILMINGTON- METHUEN- GUIDE & TRAFFIC SIGN REPLACEMENT ON I-93, FROM SR129 (EXIT 38) TO SR213 (EXIT 48)	MASSHIGHWAY CONSULTANT	Structural Signing	ADV	NA	NONE	CLEAR	ARRA	4TH QTR	\$4,024,301.00	District 4	WAS ARRA ADVERTISED AS NHS
<b>REMAINING ABP BRIDGE PROJECTS</b>													

**MASSHIGHWAY FFY 2009 STIP ADVERTISEMENTS THROUGH AUGUST 15, 2009**

REGION	NO.	DESCRIPTION	DESIGN RESPONSIBILITY	TYPE	STATUS	BRIDGE	ROW	ENV	STIP	QTR	AMOUNT	DIST	COMMENT
BOSTON REGION	<u>602543</u>	IPSWICH- BRIDGE REPLACEMENT, I-01-007, ROUTE 1A (HIGH STREET) OVER THE MBTA & B&M RAILROAD	MASSHIGHWAY CONSULTANT	Bridge Replacement	100%	APPROVED	MASSHIGHWAY	CLEAR	ABP YEAR 1	4TH QTR	\$7,603,127.50	District 4	NEED LAYOUT AND INSTRUMENT
MONTACHUSET	<u>603321</u>	WESTMINSTER- BRIDGE REPLACEMENT, W-28-021, ROUTE 2 (EB & WB) OVER WEST MAIN STREET (ROUTE 140)	MASSHIGHWAY CONSULTANT	Bridge Replacement	100%	APPROVED	ISSUED	ACOE, WQC	ABP YEAR 1	4TH QTR	\$14,846,450.32	District 3	PGP AND WQC SUBMITTED 7-2-09
BOSTON REGION	<u>603417</u>	NORWOOD- BRIDGE REPLACEMENT, N-25-003, MORSE STREET OVER THE NEPONSET RIVER	MASSHIGHWAY CONSULTANT	Bridge Replacement	ADV	APPROVED	ISSUED	CLEAR	ABP YEAR 1	4TH QTR	\$1,570,956.25	District 5	ADVERTISED
MONTACHUSET	<u>603975</u>	GARDNER- BRIDGE REPLACEMENT, G-01-023, TRAVERS STREET OVER TRAVERS POND OUTLET	MASSHIGHWAY CONSULTANT	Bridge Replacement	100%	APPROVED	MUNICIPALITY	CLEAR	ABP YEAR 1	4TH QTR	\$1,690,787.50	District 3	NEED MUNICIPAL ROW CERT
BOSTON REGION	<u>604483</u>	HANOVER- HANSON- BRIDGE REPLACEMENT, H-06-003=H-07-003, BROADWAY OVER INDIAN HEAD RIVER	MASSHIGHWAY CONSULTANT	Bridge Replacement	100%	APPROVED	MUNICIPALITY	CLEAR	ABP YEAR 1	4TH QTR	\$1,766,193.75	District 5	NEED MUNICIPAL ROW CERT
SOUTHEASTERN MASS	<u>605099</u>	FALL RIVER- SOMERSET- BRIDGE PRESERVATION, F-02-058, I-195 OVER THE COMB SR 79 & TAUNTON RIVER (BRAGA BRIDGE)	MASSHIGHWAY CONSULTANT	Structures Maintenance	100%	FINAL UR	NONE	CLEAR?	ABP YEAR 1	4TH QTR	\$16,710,552.99	District 5	PREPARING PS&E

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**

08/22/09

Program Group/Sub Group	SFY 2007 NFA Expenditures	SFY 2008 NFA Expenditures	SFY 2009 NFA Expenditures	Estimated SFY 2010 NFA Expenditures
<b>01 - Bridge Repair &amp; Replacement</b>				
New Bridge (Excluded)				
Bridge Replacement ( Excluded)				
Bridge Reconstruction/Rehab	\$10,698,913	\$7,566,051	\$7,307,465	\$8,524,143
Drawbridge Maintenance	\$2,654,940	\$2,454,677	\$1,938,015	\$2,349,211
Structure Maintenance	\$36,458,923	\$45,717,904	\$63,442,109	\$48,539,645
<b>02 - Bridge Painting</b>				
Painting - Structural	\$679,156	\$4,576	\$210,121	\$297,951
<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	\$3,078,743	\$2,807,431	\$2,121,430	\$2,669,201
Hwy Reconstr - No Added Capacity	\$4,911,187	\$4,477,773	\$1,274,259	\$3,554,406
Hwy Reconstr - Minor Widening	\$1,965,568	\$2,166,230	\$65,601	\$1,399,133
Hwy Reconstr - Major Widening ( Excluded)				
<b>04 - Roadway Resurfacing</b>				
Resurfacing	\$16,070,286	\$17,218,469	\$19,065,041	\$8,416,948
<b>05 - Intersection &amp; Safety</b>				
Impact Attenuators	\$159,735	\$406,476	\$425,300	\$602,409
Safety Improvements	\$582,990	\$1,199,331	\$689,052	\$1,812,935
Traffic Signals	\$2,154,258	\$2,025,687	\$1,446,454	\$316,888
<b>06 - Signs &amp; Lighting</b>				
Lighting and Electrical	\$646,474	\$875,595	\$1,013,510	\$766,706
Sign Installation / Upgrading	\$677,825	\$580,012	\$715,368	\$548,556
Structural Signing	\$643,860	\$433,372	\$297,844	\$116,602
<b>07 - Guardrail</b>				
Guard Rail and Fencing	\$1,279,710	\$1,985,777	\$1,508,201	\$496,654
<b>08 - Maintenance</b>				
Catch Basin Cleaning	\$2,546,479	\$2,412,231	\$3,528,908	\$1,412,899
Crack Sealing	\$182,768	\$471,316	\$1,583,919	\$2,154,108
Landscape and Roadside Develop	\$3,154,920	\$2,142,781	\$1,749,289	\$711,165
Mowing and Spraying	\$72,103	\$213,663	\$895,458	\$2,277,202
Pavement Marking	\$3,195,123	\$2,898,789	\$2,168,115	\$1,477,843
Sewer and Water	\$835,173	\$1,062,779	\$1,042,804	\$320,319
Process/Recycle/Tmsprt Soils				
Contract Hwy Maint.				
<b>09 - Facilities</b>				
Chemical Storage Sheds	\$0	\$1,169	\$40,565	\$375,433
Vertical Construction				
<b>10 - Bikeways (Excluded)</b>				
<b>11 - Other</b>				
Miscellaneous / No Prequal	\$0	\$0	\$184,917	\$61,639
Asbestos Removal	\$0	\$76,868	\$121,955	\$102,725
Demolition	\$0	\$0	\$358,550	\$281,707
Drilling and Boring	\$497,113	\$470,005	\$192,951	\$162,560
<b>Section I Total:</b>	<b>\$93,146,246</b>	<b>\$99,668,960</b>	<b>\$113,387,200</b>	<b>\$89,748,990</b>

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

<b>12 - Snow and Ice Operations &amp; Materials</b>	\$41,750,043	\$106,606,417	\$129,450,263	\$92,602,241
<b>13 - District Maintenance</b>	\$15,338,057	\$20,003,417	\$17,682,990	\$17,674,821
(Mowing, Litter Management, Sight Distance Clearing, Etc.)				
<b>Section II Total:</b>	<b>\$57,088,100</b>	<b>\$126,609,834</b>	<b>\$147,133,253</b>	<b>\$110,277,062</b>

Note: 2009 District Maintenance is as of week 49

**Grand Total NFA: \$150,234,346 # \$226,278,794 \$260,520,453 \$200,026,052**

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

**Section I - Federal Aid Maintenance Projects**

08/22/09

Program Group/Sub Group	SFY 2007 Federal Aid Expenditures	SFY 2008 Federal Aid Expenditures	SFY 2009 Federal Aid Expenditures	Estimated SFY 2010 Federal Aid Expenditures
<b>01 - Bridge Repair &amp; Replacement</b>				
New Bridge (Excluded)				
Bridge Replacement ( Excluded)				
Bridge Reconstruction/Rehab	\$29,809,977	\$43,160,563	\$60,840,349	\$52,576,098
Structure Maintenance	\$3,308,860	\$4,336,093	\$20,883,641	\$15,367,792
<b>02 - Bridge Painting</b>	\$0	\$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	\$12,991,532	\$27,112,543	\$27,990,725	\$24,488,920
Hwy Reconstr - No Added Capacity	\$65,516,298	\$51,557,548	\$66,845,411	\$60,538,830
Hwy Reconstr - Minor Widening	\$30,516,251	\$25,550,247	\$29,227,351	\$31,764,935
Hwy Reconstr - Major Widening (Excluded)				
<b>04 - Roadway Resurfacing</b>				
Resurfacing	\$48,533,941	\$33,836,260	\$45,844,392	\$84,033,348
<b>05 - Intersection &amp; Safety</b>				
Impact Attenuators	\$70,196	\$28,124	\$32,953	\$20,359
Safety Improvements	\$2,699,308	\$4,595,615	\$5,245,443	\$12,157,286
Traffic Signals	\$27,938,951	\$20,998,628	\$15,101,620	\$21,391,545
<b>06 - Signs &amp; Lighting</b>				
Lighting and Electrical	\$711,483	\$381,104	\$43,531	\$1,105,349
Sign Installation / Upgrading	\$3,386,284	\$2,741,357	\$4,254,861	\$4,030,622
<b>07 - Guradrail</b>				
Guard Rail and Fencing	\$198,266	\$221,152	\$148,280	\$123,144
<b>08 - Maintenance</b>				
Contract Highway Maintenance	\$2,662	\$38,505	\$13,722	\$35,220
Landscape and Roadside Develop	\$763,872	\$818,569	\$586,740	\$664,016
Pavement Marking	\$0	\$0	\$0	\$0
<b>09 - Facilities</b>	\$0	\$0	\$0	\$378,345
Vertical Construction				
<b>10 - Bikeways (Excluded)</b>	\$78,570	\$150,599	\$302,260	\$0
<b>11 - Other</b>				
Intelligent Transportation Sys	\$0	\$0	\$4,281,058	\$3,827,814
Miscellaneous / No prequal	\$1,052,951	\$1,306,225	\$1,036,047	\$3,041,795
Reclamation	\$1,392,683	\$678,127	\$625,428	\$155,756
Unknown	\$2,789,053	\$5,120,259	\$1,510	\$71
<b>Section I Total</b>	<b>\$231,761,137</b>	<b>\$222,631,518</b>	<b>\$283,305,322</b>	<b>\$315,701,244</b>

**Section II - Federal Aid Highway Operations**

<b>11 - Other</b>				
ITS Operations - I-93 HOV Lane Operation and Towing	\$500,000	\$500,000	\$500,000	\$550,000
ITS Operations - Traffic Operations Center (South Boston)	\$600,000	\$600,000	\$600,000	\$650,000
<b>Section II Total</b>	<b>\$1,100,000</b>	<b>\$1,100,000</b>	<b>\$1,100,000</b>	<b>\$1,200,000</b>

**Grand Total Federal Aid:**                      **\$232,861,137**                      **\$223,731,518**                      **\$284,405,322**                      **\$316,901,244**

Summary of Proposed FFY 2010 - 2013 MPO Targets

D R A F T - July 14, 2009

	Current 2009	Current 2010	Proposed 2010	Current 2011	Proposed 2011	Current 2012	Proposed 2012	Proposed 2013
<b>Base Obligation Authority</b>	\$515,000,000	\$515,000,000	\$532,000,000	\$515,000,000	\$532,000,000	\$515,000,000	\$532,000,000	\$532,000,000
Special Bridge Program O/A, as Estimated by FHWA	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Redistribution, as Estimated by FHWA	\$53,000,000	\$53,000,000	\$37,000,000	\$53,000,000	\$37,000,000	\$53,000,000	\$37,000,000	\$37,000,000
<b>Total Estimated Obligation Authority Available:</b>	<b>\$568,000,000</b>	<b>\$568,000,000</b>	<b>\$569,000,000</b>	<b>\$568,000,000</b>	<b>\$569,000,000</b>	<b>\$568,000,000</b>	<b>\$569,000,000</b>	<b>\$569,000,000</b>
Central Artery/Tunnel Obligation Authority	-\$126,845,000	-\$151,290,000	-\$151,290,000	-\$159,365,000	-\$159,365,000	-\$165,960,000	-\$165,960,000	-\$176,555,000
<b>Total Non-Earmarked O/A Available Statewide</b>	<b>\$441,155,000</b>	<b>\$416,710,000</b>	<b>\$417,710,000</b>	<b>\$408,635,000</b>	<b>\$409,635,000</b>	<b>\$402,040,000</b>	<b>\$403,040,000</b>	<b>\$392,445,000</b>
<b>Total Non-Earmarked Available Statewide ( Including State Match )</b>	<b>\$541,743,750</b>	<b>\$511,187,501</b>	<b>\$511,923,611</b>	<b>\$501,093,751</b>	<b>\$502,106,250</b>	<b>\$492,850,000</b>	<b>\$493,862,500</b>	<b>\$480,306,250</b>
<b>Statewide Infrastructure Items:</b>								
Statewide Infrastructure Program ( Includes Noise Barriers )	\$11,750,000	\$8,000,000	\$1,500,000	\$9,000,000	\$1,500,000	\$8,000,000	\$1,500,000	\$6,000,000
Statewide Safety Program	\$9,375,000	\$4,375,000	\$4,000,000	\$4,375,000	\$0	\$3,125,000	\$0	\$0
Statewide HSIP Program		\$5,000,000	\$2,500,000	\$5,000,000	\$2,500,000	\$5,000,000	\$2,500,000	\$5,000,000
Statewide Safe Routes to Schools Program	\$1,300,000	\$1,300,000	\$1,300,000	\$1,300,000	\$3,500,000	\$1,300,000	\$3,500,000	\$3,500,000
Statewide CMAQ	\$12,500,000	\$6,250,000	\$6,250,000	\$6,250,000	\$9,500,000	\$6,250,000	\$9,500,000	\$6,250,000
Statewide Transportation Enhancements	\$500,000	\$500,000	\$500,000	\$500,000	\$3,500,000	\$500,000	\$3,500,000	\$500,000
Statewide Recreational Trails	\$783,000	\$783,000	\$783,000	\$783,000	\$783,000	\$783,000	\$783,000	\$783,000
Statewide ITS Includes Rte I-91 in 2010 & 2011	\$10,250,000	\$9,250,000	\$12,687,500	\$9,250,000	\$11,625,000	\$6,250,000	\$6,375,000	\$6,250,000
Statewide Design and Right of Way	\$3,000,000	\$3,000,000	\$0	\$3,000,000	\$0	\$3,000,000	\$0	\$3,000,000
Statewide Interstate Maintenance Program	\$75,000,000	\$75,000,000	\$72,611,111	\$75,000,000	\$70,000,000	\$75,000,000	\$70,000,000	\$70,000,000
Statewide NHS Preservation Program	\$15,000,000	\$14,500,000	\$14,500,000	\$14,500,000	\$14,500,000	\$12,000,000	\$12,000,000	\$9,178,750
Statewide Railroad Grade Crossings	\$1,000,000	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000
Statewide Transit			\$37,500,000		\$31,250,000		\$25,000,000	\$0
<b>Subtotal Statewide Infrastructure Items:</b>	<b>\$140,458,000</b>	<b>\$128,458,000</b>	<b>\$154,631,611</b>	<b>\$129,458,000</b>	<b>\$117,908,000</b>	<b>\$121,708,000</b>	<b>\$135,158,000</b>	<b>\$110,961,750</b>
<b>Other Statewide Items:</b>								
Award Adjustments, Change Orders, Project Value Changes, Etc.	\$50,000,000	\$43,750,000	\$43,750,000	\$45,000,000	\$43,750,000	\$45,000,000	\$43,750,000	\$45,000,000
Planning	\$18,750,000	\$18,750,000	\$23,000,000	\$18,750,000	\$23,000,000	\$18,750,000	\$23,000,000	\$23,000,000
DBEs, CEPO, Pavement Lab Retrofits, and Misc. Programs	\$750,000	\$750,000	\$0	\$750,000	\$0	\$750,000	\$0	\$0
<b>Subtotal Other Statewide Items:</b>	<b>\$69,500,000</b>	<b>\$63,250,000</b>	<b>\$66,750,000</b>	<b>\$64,500,000</b>	<b>\$66,750,000</b>	<b>\$64,500,000</b>	<b>\$66,750,000</b>	<b>\$68,000,000</b>
<b>Regional Major Infrastructure Projects:</b>	<b>53,000,000</b>	<b>45,000,000</b>	<b>\$41,000,000</b>	<b>\$40,000,000</b>	<b>\$40,000,000</b>	<b>\$40,000,000</b>	<b>\$40,000,000</b>	<b>\$40,000,000</b>
<b>Bridge Program:</b>								
Statewide Bridge Repl. / Rehab Program	\$121,483,328	\$121,483,328	\$111,545,828	\$121,483,328	\$113,045,828	\$121,483,327	\$116,795,828	\$121,483,328
Statewide Bridge Preservation Program	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Statewide Bridge Inspection Program	\$5,500,000	\$6,250,000	\$6,250,000	\$6,250,000	\$6,250,000	\$6,250,000	\$6,250,000	\$6,250,000
<b>Subtotal Federal Aid Bridge Program:</b>	<b>\$126,983,328</b>	<b>\$127,733,328</b>	<b>\$117,795,828</b>	<b>\$127,733,328</b>	<b>\$119,295,828</b>	<b>\$127,733,327</b>	<b>\$123,045,828</b>	<b>\$127,733,328</b>
<b>Regional Targets:</b>								
Minimum Regional CMAQ Component:	\$20,000,000	\$20,000,000	\$0	\$20,000,000	\$0	\$20,000,000	\$0	\$20,000,000
Minimum Regional HSIP Component:	\$10,000,000	\$10,000,000	\$10,000,000	\$10,000,000	\$10,000,000	\$10,000,000	\$10,000,000	\$10,000,000
Maximum Regional Non-CMAQ / HSIP Component:	\$121,802,423	\$116,746,173	\$121,746,173	\$109,402,423	\$116,902,423	\$108,908,673	\$118,908,673	\$103,611,173
<b>Total Regional Target ( Un-Adjusted )</b>	<b>\$151,802,423</b>	<b>\$146,746,173</b>	<b>\$131,746,173</b>	<b>\$139,402,423</b>	<b>\$126,902,423</b>	<b>\$138,908,673</b>	<b>\$128,908,673</b>	<b>\$133,611,173</b>
Adjusted Target:		\$140,876,326	\$131,746,173	128,027,185	121,826,326	121,572,871	118,389,725	116,936,498
Adjusted Hold Harmless			\$146,746,173		133,826,326		127,573,725	

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

**FEDERAL FISCAL YEAR 2009**  
**FEDERAL REGIONAL TARGETS**  
**D R A F T - July 14, 2009**

	Obligation Authority	Obl. Auth. Matching State Funds	Total Funding Based On Obl. Auth.
Base Obligation Authority	\$515,000,000		
Special Bridge Program O/A, as Estimated by FHWA	\$0		
Redistribution, as Estimated by FHWA	\$53,000,000		
<b>Total Estimated Obligation Authority Available:</b>	<b>\$568,000,000</b>		
Central Artery/Tunnel Obligation Authority	(126,845,000)		
<b>Total Non-Earmarked Available Statewide - (Including Redistribution)</b>	<b>441,155,000</b>	<b>100,588,750</b>	<b>541,743,750</b>
<b>Statewide Infrastructure Items:</b>			
Statewide Infrastructure Program	\$9,400,000	\$2,350,000	\$11,750,000
Statewide Safety Program	3,500,000	\$875,000	\$4,375,000
Statewide HSIP Program	4,000,000	\$1,000,000	\$5,000,000
Statewide Safe Routes to Schools Program	1,300,000	\$0	\$1,300,000
Statewide CMAQ	10,000,000	\$2,500,000	\$12,500,000
Statewide Transportation Enhancements	400,000	\$100,000	\$500,000
Statewide Recreational Trails	626,400	\$156,600	\$783,000
Statewide ITS ( Includes \$2.0M TC for Rte I-91 )	8,200,000	\$2,050,000	\$10,250,000
Statewide Design and Right of Way	2,400,000	\$600,000	\$3,000,000
Statewide Interstate Maintenance Program	67,500,000	\$7,500,000	\$75,000,000
Statewide NHS Preservation Program	12,000,000	\$3,000,000	\$15,000,000
Statewide Railroad Grade Crossings	800,000	\$200,000	\$1,000,000
<b>Subtotal Statewide Infrastructure Items:</b>	<b>\$120,126,400</b>	<b>\$20,331,600</b>	<b>\$140,458,000</b>
<b>Other Statewide Items:</b>			
Award Adjustments, Change Orders, Project Value Changes, Etc.	\$40,000,000	\$10,000,000	\$50,000,000
Planning	15,000,000	\$3,750,000	\$18,750,000
DBEs, CEPO, Pavement Lab Retrofits, and Misc. Programs	600,000	\$150,000	\$750,000
<b>Subtotal Other Statewide Items:</b>	<b>\$55,600,000</b>	<b>\$13,900,000</b>	<b>\$69,500,000</b>
<b>Regional Major Infrastructure Projects:</b>	<b>\$42,400,000</b>	<b>\$10,600,000</b>	<b>\$53,000,000</b>
<b>Bridge Program:</b>			
Statewide Bridge Repl. / Rehab Program	\$97,186,662	\$24,296,666	\$121,483,328
Statewide Bridge Preservation Program	0	\$0	\$0
Statewide Bridge Inspection Program	4,400,000	\$1,100,000	\$5,500,000
<b>Subtotal Federal Aid Bridge Program:</b>	<b>\$101,586,662</b>	<b>\$25,396,666</b>	<b>\$126,983,328</b>
<b>Total Regional Targets:</b>	<b>\$121,441,938</b>	<b>\$30,360,485</b>	<b>\$151,802,423</b>
Minimum Regional CMAQ Component:	\$16,000,000	\$4,000,000	\$20,000,000
Minimum Regional HSIP Component:	\$8,000,000	\$2,000,000	\$10,000,000

Region	Regional Share (%)	Regional Minimum HSIP Component With State Match	Regional Minimum CMAQ Component With State Match	Total Regional Target With State Match
Berkshire Region	3.5596	\$355,964	\$711,929	\$5,403,626
Boston Region	42.9671	\$4,296,710	\$8,593,421	\$65,225,104
Cape Cod	4.5851	\$458,514	\$917,028	\$6,960,356
Central Mass	8.6901	\$869,013	\$1,738,026	\$13,191,829
Franklin Region	2.5397	\$253,975	\$507,949	\$3,855,396
Martha's Vineyard	0.3100	\$30,997	\$61,994	\$470,540
Merrimack Valley	4.4296	\$442,956	\$885,911	\$6,724,175
Montachusett	4.4596	\$445,955	\$891,911	\$6,769,711
Nantucket	0.2200	\$21,998	\$43,996	\$333,932
Northern Middlesex	3.9096	\$390,961	\$781,922	\$5,934,881
Old Colony	4.5595	\$455,954	\$911,909	\$6,921,498
Pioneer Valley	10.8099	\$1,080,992	\$2,161,984	\$16,409,719
Southeastern Mass	8.9601	\$896,010	\$1,792,021	\$13,601,655
<b>Total:</b>	<b>100.00</b>	<b>\$10,000,000</b>	<b>\$20,000,000</b>	<b>\$151,802,423</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 - July 14, 2009**

	Obligation Authority	Obl. Auth. Matching State Funds	Total Funding Based On Obl. Auth.
Base Obligation Authority	\$532,000,000		
Redistribution, as Estimated by FHWA	\$37,000,000		
<b>Total Estimated Obligation Authority Available:</b>	<b>\$569,000,000</b>		
Central Artery/Tunnel Obligation Authority	(151,290,000)		
<b>Total Non-Earmarked Available Statewide - (Including Redistribution)</b>	<b>417,710,000</b>	<b>94,213,611</b>	<b>511,923,611</b> net increase \$1 million
<b>Statewide Infrastructure Items:</b>			
Statewide Infrastructure Program	\$1,200,000	\$300,000	\$1,500,000
Statewide STP - Safety Program	3,600,000	\$400,000	\$4,000,000
Statewide HSIP Program	2,250,000	\$250,000	\$2,500,000
Statewide Safe Routes to Schools Program	1,300,000	\$0	\$1,300,000
Statewide CMAQ	5,000,000	\$1,250,000	\$6,250,000
Statewide Transportation Enhancements	400,000	\$100,000	\$500,000
Statewide Recreational Trails	626,400	\$156,600	\$783,000
Statewide ITS ( Incl. Rte I-91 A/C \$4.6 M )	10,150,000	\$2,537,500	\$12,687,500
Statewide Design and Right of Way	0	\$0	\$0
Statewide Interstate Maintenance Program	65,350,000	\$7,261,111	\$72,611,111
Statewide NHS Preservation Program	11,600,000	\$2,900,000	\$14,500,000
Statewide Railroad Grade Crossings	400,000	\$100,000	\$500,000
Statewide Transit	30,000,000	\$7,500,000	\$37,500,000
<b>Subtotal Statewide Infrastructure Items:</b>	<b>\$131,876,400</b>	<b>\$22,755,211</b>	<b>\$154,631,611</b>
<b>Other Statewide Items:</b>			
Award Adjustments, Change Orders, Project Value Changes, Etc.	\$35,000,000	\$8,750,000	\$43,750,000
Planning	18,400,000	\$4,600,000	\$23,000,000
DBEs, CEPO, Pavement Lab Retrofits, and Misc. Programs	0	\$0	\$0
<b>Subtotal Other Statewide Items:</b>	<b>\$53,400,000</b>	<b>\$13,350,000</b>	<b>\$66,750,000</b>
<b>Regional Major Infrastructure Projects:</b>	<b>\$32,800,000</b>	<b>\$8,200,000</b>	<b>\$41,000,000</b>
<b>Bridge Program:</b>			
Statewide Bridge Repl. / Rehab Program	\$89,236,662	\$22,309,166	\$111,545,828
Statewide Bridge Preservation Program	0	\$0	\$0
Statewide Bridge Inspection Program	5,000,000	\$1,250,000	\$6,250,000
<b>Subtotal Federal Aid Bridge Program:</b>	<b>\$94,236,662</b>	<b>\$23,559,166</b>	<b>\$117,795,828</b>
<b>Total Regional Targets:</b>	<b>\$105,396,938</b>	<b>\$26,349,235</b>	<b>\$131,746,173</b>
Minimum Regional CMAQ Component:	\$0	\$0	\$0
Minimum Regional HSIP Component:	\$8,000,000	\$2,000,000	\$10,000,000

Region	Regional Share (%)	Regional Minimum HSIP Component With State Match	Regional Minimum CMAQ Component With State Match	Total Regional Target With State Match
Berkshire Region	3.5596	\$355,964	\$0	\$4,689,695
Boston Region	42.9671	\$4,296,710	\$0	\$56,607,514
Cape Cod	4.5851	\$458,514	\$0	\$6,040,748
Central Mass	8.6901	\$869,013	\$0	\$11,448,915
Franklin Region	2.5397	\$253,975	\$0	\$3,346,018
Martha's Vineyard	0.3100	\$30,997	\$0	\$408,372
Merrimack Valley	4.4296	\$442,956	\$0	\$5,835,772
Montachusett	4.4596	\$445,955	\$0	\$5,875,292
Nantucket	0.2200	\$21,998	\$0	\$289,813
Northern Middlesex	3.9096	\$390,961	\$0	\$5,150,760
Old Colony	4.5595	\$455,954	\$0	\$6,007,025
Pioneer Valley	10.8099	\$1,080,992	\$0	\$14,241,655
Southeastern Mass	8.9601	\$896,010	\$0	\$11,804,594
<b>Total:</b>	<b>100.00</b>	<b>\$10,000,000</b>	<b>\$0</b>	<b>\$131,746,173</b>

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

Hold Harmless Amount: 146,746,173

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

**FEDERAL FISCAL YEAR 2011**  
**FEDERAL REGIONAL TARGETS**  
**D R A F T - July 14, 2009**

	Obligation Authority	Obl. Auth. Matching State Funds	Total Funding Based On Obl. Auth.	
Base Obligation Authority	\$532,000,000			
Redistribution, as Estimated by FHWA	\$37,000,000			
<b>Total Estimated Obligation Authority Available:</b>	<b>\$569,000,000</b>			
Central Artery/Tunnel Obligation Authority	(159,365,000)			
<b>Total Non-Earmarked Available Statewide - (Including Redistribution)</b>	<b>409,635,000</b>	<b>92,471,250</b>	<b>502,106,250</b>	
<b>Statewide Infrastructure Items:</b>				
Statewide Infrastructure Program	\$1,200,000	\$300,000	\$1,500,000	
Statewide STP - Safety Program	0	\$0	\$0	
Statewide HSIP Program	2,250,000	\$250,000	\$2,500,000	
Statewide Safe Routes to Schools Program	3,500,000	\$0	\$3,500,000	
Statewide CMAQ	7,600,000	\$1,900,000	\$9,500,000	increase by \$6.25 for ACO
Statewide Transportation Enhancements	2,800,000	\$700,000	\$3,500,000	
Statewide Recreational Trails	626,400	\$156,600	\$783,000	
Statewide ITS ( Incl. Rte I-91 A/C \$4.7M )	9,300,000	\$2,325,000	\$11,625,000	
Statewide Design and Right of Way	0	\$0	\$0	
Statewide Interstate Maintenance Program	63,000,000	\$7,000,000	\$70,000,000	
Statewide NHS Preservation Program	11,600,000	\$2,900,000	\$14,500,000	
Statewide Railroad Grade Crossings	400,000	\$100,000	\$500,000	
Statewide Transit	25,000,000	\$6,250,000	\$31,250,000	
<b>Subtotal Statewide Infrastructure Items:</b>	<b>\$127,276,400</b>	<b>\$21,881,600</b>	<b>\$149,158,000</b>	
<b>Other Statewide Items:</b>				
Award Adjustments, Change Orders, Project Value Changes, Etc.	\$35,000,000	\$8,750,000	\$43,750,000	
Planning	18,400,000	\$4,600,000	\$23,000,000	
DBEs, CEPO, Pavement Lab Retrofits, and Misc. Programs	0	\$0	\$0	
<b>Subtotal Other Statewide Items:</b>	<b>\$53,400,000</b>	<b>\$13,350,000</b>	<b>\$66,750,000</b>	
<b>Regional Major Infrastructure Projects:</b>	<b>\$32,000,000</b>	<b>\$8,000,000</b>	<b>\$40,000,000</b>	
<b>Bridge Program:</b>				
Statewide Bridge Repl. / Rehab Program	\$90,436,662	\$22,609,166	\$113,045,828	Total Adjusted Target
Statewide Bridge Preservation Program	0	\$0	\$0	111,503,994
Statewide Bridge Inspection Program	5,000,000	\$1,250,000	\$6,250,000	
<b>Subtotal Federal Aid Bridge Program:</b>	<b>\$95,436,662</b>	<b>\$23,859,166</b>	<b>\$119,295,828</b>	
				-4.0000%
<b>Total Regional Targets:</b>	<b>\$101,521,938</b>	<b>\$25,380,485</b>	<b>\$126,902,423</b>	Adjusted Target
Minimum Regional CMAQ Component:	\$0	\$0	\$0	121,826,326
Minimum Regional HSIP Component:	\$8,000,000	\$2,000,000	\$10,000,000	

Region	Regional Share (%)	Regional Minimum HSIP Component With State Match	Regional Minimum CMAQ Component With State Match	Total Regional Target With State Match	Adjusted Total Regional Target With State Match
Berkshire Region	3.5596	\$355,964	\$0	\$4,517,274	\$4,336,583
Boston Region	42.9671	\$4,296,710	\$0	\$54,526,295	\$52,345,243
Cape Cod	4.5851	\$458,514	\$0	\$5,818,656	\$5,585,909
Central Mass	8.6901	\$869,013	\$0	\$11,027,987	\$10,586,867
Franklin Region	2.5397	\$253,975	\$0	\$3,222,999	\$3,094,079
Martha's Vineyard	0.3100	\$30,997	\$0	\$393,358	\$377,624
Merrimack Valley	4.4296	\$442,956	\$0	\$5,621,215	\$5,396,367
Montachusett	4.4596	\$445,955	\$0	\$5,659,282	\$5,432,911
Nantucket	0.2200	\$21,998	\$0	\$279,157	\$267,991
Northern Middlesex	3.9096	\$390,961	\$0	\$4,961,389	\$4,762,933
Old Colony	4.5595	\$455,954	\$0	\$5,786,172	\$5,554,725
Pioneer Valley	10.8099	\$1,080,992	\$0	\$13,718,049	\$13,169,327
Southeastern Mass	8.9601	\$896,010	\$0	\$11,370,589	\$10,915,765
<b>Total:</b>	<b>100.00</b>	<b>\$10,000,000</b>	<b>\$0</b>	<b>\$126,902,423</b>	<b>\$121,826,326</b>

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

Adjusted Hold Harmless Amount: 133,826,326

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

**FEDERAL FISCAL YEAR 2012**  
**FEDERAL REGIONAL TARGETS**  
**D R A F T - July 14, 2009**

	Obligation Authority	Obl. Auth. Matching State Funds	Total Funding Based On Obl. Auth.	
Base Obligation Authority	\$532,000,000			
Redistribution, as Estimated by FHWA	\$37,000,000			
<b>Total Estimated Obligation Authority Available:</b>	<b>\$569,000,000</b>			
Central Artery/Tunnel Obligation Authority	(165,960,000)			
<b>Total Non-Earmarked Available Statewide - (Including Redistribution)</b>	<b>403,040,000</b>	<b>90,822,500</b>	<b>493,862,500</b>	
<b>Statewide Infrastructure Items:</b>				
Statewide Infrastructure Program	\$1,200,000	\$300,000	\$1,500,000	
Statewide STP - Safety Program	0	\$0	\$0	
Statewide HSIP Program	2,250,000	\$250,000	\$2,500,000	
Statewide Safe Routes to Schools Program	3,500,000	\$0	\$3,500,000	
Statewide CMAQ	7,600,000	\$1,900,000	\$9,500,000	
Statewide Transportation Enhancements	2,800,000	\$700,000	\$3,500,000	
Statewide Recreational Trails	626,400	\$156,600	\$783,000	
Statewide ITS	5,100,000	\$1,275,000	\$6,375,000	
Statewide Design and Right of Way	0	\$0	\$0	
Statewide Interstate Maintenance Program	63,000,000	\$7,000,000	\$70,000,000	
Statewide NHS Preservation Program	9,600,000	\$2,400,000	\$12,000,000	
Statewide Railroad Grade Crossings	400,000	\$100,000	\$500,000	
Statewide Transit	20,000,000	\$5,000,000	\$25,000,000	
<b>Subtotal Statewide Infrastructure Items:</b>	<b>\$116,076,400</b>	<b>\$19,081,600</b>	<b>\$135,158,000</b>	
<b>Other Statewide Items:</b>				
Award Adjustments, Change Orders, Project Value Changes, Etc.	\$35,000,000	\$8,750,000	\$43,750,000	
Planning	18,400,000	\$4,600,000	\$23,000,000	
DBEs, CEPO, Pavement Lab Retrofits, and Misc. Programs	0	\$0	\$0	
<b>Subtotal Other Statewide Items:</b>	<b>\$53,400,000</b>	<b>\$13,350,000</b>	<b>\$66,750,000</b>	
<b>Regional Major Infrastructure Projects:</b>	<b>\$32,000,000</b>	<b>\$8,000,000</b>	<b>\$40,000,000</b>	
<b>Bridge Program:</b>				
Statewide Bridge Repl. / Rehab Program	\$93,436,662	\$23,359,166	\$116,795,828	Total Adjusted Target
Statewide Bridge Preservation Program	0	\$0	\$0	<b>115,115,208</b>
Statewide Bridge Inspection Program	5,000,000	\$1,250,000	\$6,250,000	
<b>Subtotal Federal Aid Bridge Program:</b>	<b>\$98,436,662</b>	<b>\$24,609,166</b>	<b>\$123,045,828</b>	
				-8.1600%
				Adjusted Target
<b>Total Regional Targets:</b>	<b>\$103,126,938</b>	<b>\$25,781,735</b>	<b>\$128,908,673</b>	<b>118,389,725</b>
Minimum Regional CMAQ Component:	\$0	\$0	\$0	
Minimum Regional HSIP Component:	\$8,000,000	\$2,000,000	\$10,000,000	

Region	Regional Share (%)	Regional Minimum HSIP Component With State Match	Regional Minimum CMAQ Component With State Match	Total Regional Target With State Match	Adjusted Total Regional Target With State Match
Berkshire Region	3.5596	\$355,964	\$0	\$4,588,690	\$4,214,253
Boston Region	42.9671	\$4,296,710	\$0	\$55,388,323	\$50,868,636
Cape Cod	4.5851	\$458,514	\$0	\$5,910,645	\$5,428,336
Central Mass	8.6901	\$869,013	\$0	\$11,202,333	\$10,288,222
Franklin Region	2.5397	\$253,975	\$0	\$3,273,953	\$3,006,798
Martha's Vineyard	0.3100	\$30,997	\$0	\$399,577	\$366,971
Merrimack Valley	4.4296	\$442,956	\$0	\$5,710,083	\$5,244,140
Montachusett	4.4596	\$445,955	\$0	\$5,748,752	\$5,279,654
Nantucket	0.2200	\$21,998	\$0	\$283,571	\$260,431
Northern Middlesex	3.9096	\$390,961	\$0	\$5,039,825	\$4,628,575
Old Colony	4.5595	\$455,954	\$0	\$5,877,648	\$5,398,032
Pioneer Valley	10.8099	\$1,080,992	\$0	\$13,934,923	\$12,797,833
Southeastern Mass	8.9601	\$896,010	\$0	\$11,550,351	\$10,607,842
<b>Total:</b>	<b>100.00</b>	<b>\$10,000,000</b>	<b>\$0</b>	<b>\$128,908,673</b>	<b>\$118,389,725</b>

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

Adjusted Hold Harmless Amount: 127,573,725

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

**FEDERAL FISCAL YEAR 2013**  
**FEDERAL REGIONAL TARGETS**  
**D R A F T - July 14, 2009**

	Obligation Authority	Obl. Auth. Matching State Funds	Total Funding Based On Obl. Auth.	
Base Obligation Authority	\$532,000,000			
Redistribution, as Estimated by FHWA	\$37,000,000			
<b>Total Estimated Obligation Authority Available:</b>	<b>\$569,000,000</b>			
Central Artery/Tunnel Obligation Authority	(176,555,000)			
<b>Total Non-Earmarked Available Statewide - (Including Redistribution)</b>	<b>392,445,000</b>	<b>87,861,250</b>	<b>480,306,250</b>	
<b>Statewide Infrastructure Items:</b>				
Statewide Infrastructure Program	\$4,800,000	\$1,200,000	\$6,000,000	
Statewide STP - Safety Program	0	\$0	\$0	
Statewide HSIP Program	4,500,000	\$500,000	\$5,000,000	
Statewide Safe Routes to Schools Program	3,500,000	\$0	\$3,500,000	
Statewide CMAQ	5,000,000	\$1,250,000	\$6,250,000	
Statewide Transportation Enhancements	400,000	\$100,000	\$500,000	
Statewide Recreational Trails	626,400	\$156,600	\$783,000	
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	63,000,000	\$7,000,000	\$70,000,000	
Statewide NHS Preservation Program	7,343,000	\$1,835,750	\$9,178,750	
Statewide Railroad Grade Crossings	400,000	\$100,000	\$500,000	
Statewide Transit				
<b>Subtotal Statewide Infrastructure Items:</b>	<b>\$96,969,400</b>	<b>\$13,992,350</b>	<b>\$110,961,750</b>	
<b>Other Statewide Items:</b>				
Award Adjustments, Change Orders, Project Value Changes, Etc.	\$36,000,000	\$9,000,000	\$45,000,000	
Planning	18,400,000	\$4,600,000	\$23,000,000	
DBEs, CEPO, Pavement Lab Retrofits, and Misc. Programs	0	\$0	\$0	
<b>Subtotal Other Statewide Items:</b>	<b>\$54,400,000</b>	<b>\$13,600,000</b>	<b>\$68,000,000</b>	
<b>Regional Major Infrastructure Projects:</b>	<b>\$32,000,000</b>	<b>\$8,000,000</b>	<b>\$40,000,000</b>	
<b>Bridge Program:</b>				
Statewide Bridge Repl. / Rehab Program	\$97,186,662	\$24,296,666	\$121,483,328	Total Adjusted Target
Statewide Bridge Preservation Program	0	\$0	\$0	<b>119,799,745</b>
Statewide Bridge Inspection Program	5,000,000	\$1,250,000	\$6,250,000	
<b>Subtotal Federal Aid Bridge Program:</b>	<b>\$102,186,662</b>	<b>\$25,546,666</b>	<b>\$127,733,328</b>	
				-12.4864%
<b>Total Regional Targets:</b>	<b>\$106,888,938</b>	<b>\$26,722,235</b>	<b>\$133,611,173</b>	Adjusted Target
Minimum Regional CMAQ Component:	\$16,000,000	\$4,000,000	\$20,000,000	<b>116,927,947</b>
Minimum Regional HSIP Component:	\$8,000,000	\$2,000,000	\$10,000,000	

Region	Regional Share (%)	Regional Minimum HSIP Component With State Match	Regional Minimum CMAQ Component With State Match	Total Regional Target With State Match	Adjusted Total Regional Target With State Match
Berkshire Region	3.5596	\$355,964	\$711,929	\$4,756,082	\$4,162,219
Boston Region	42.9671	\$4,296,710	\$8,593,421	\$57,408,851	\$50,240,552
Cape Cod	4.5851	\$458,514	\$917,028	\$6,126,261	\$5,361,312
Central Mass	8.6901	\$869,013	\$1,738,026	\$11,610,986	\$10,161,192
Franklin Region	2.5397	\$253,975	\$507,949	\$3,393,384	\$2,969,673
Martha's Vineyard	0.3100	\$30,997	\$61,994	\$414,153	\$362,440
Merrimack Valley	4.4296	\$442,956	\$885,911	\$5,918,383	\$5,179,390
Montachusett	4.4596	\$445,955	\$891,911	\$5,958,462	\$5,214,465
Nantucket	0.2200	\$21,998	\$43,996	\$293,915	\$257,216
Northern Middlesex	3.9096	\$390,961	\$781,922	\$5,223,674	\$4,571,426
Old Colony	4.5595	\$455,954	\$911,909	\$6,092,060	\$5,331,381
Pioneer Valley	10.8099	\$1,080,992	\$2,161,984	\$14,443,260	\$12,639,816
Southeastern Mass	8.9601	\$896,010	\$1,792,021	\$11,971,700	\$10,476,866
<b>Total:</b>	<b>100.00</b>	<b>\$10,000,000</b>	<b>\$20,000,000</b>	<b>\$133,611,173</b>	<b>\$116,927,947</b>

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

## MassHighway Interstate Maintenance Program

Year	Route	Location	Proj. File Num.	Dist.	From	To	Lns Shld	Tot. Lane Miles	Prelim. Office Estimate	Est. Total Cost (est. +22%)	Revised Office Estimate	Revised Est. Total Cost	Revised Off. Est. / lane-mi
<b>2009</b>	I-91	Springfield - Chicopee	604604	2	6.3	8.5	10	22.0	7,700,000	9,394,000	9,300,421	11,531,850	422,746
	I-93	Stoneham - Woburn - Reading	604878	4	24.6	29.7	8	40.8	8,568,000	10,452,960	12,791,500	14,893,320	313,517
	I-95	Attleboro to Foxboro	604576	5	4.5	12.5	8	64.0	10,240,000	12,492,800	6,120,000	7,183,190	95,625
	I-195	Mattapoisett - Marion	604309	5	29.2	35.9	6	40.2	6,432,000	7,847,040	10,563,619	12,349,850	262,777
	I-495	Marlborough - Hudson - Berlin	604877	3	61.5	67.4	8	47.2	9,440,000	11,516,800	12,247,500	14,861,190	259,481
	I-495	Haverhill to Salisbury	604586	4	111.0	120.9	8	79.2	12,672,000	15,459,840	12,549,027	14,876,570	158,447
		<b>Total 2009:</b>						<b>293.4</b>	<b>55,052,000</b>	<b>67,163,440</b>	<b>63,572,067</b>	<b>75,695,970</b>	<b>216,674</b>
<b>2010</b>	I-91	Holyoke	604605	2	15.0	20.8	6	34.8	9,918,000	12,099,960		12,334,800	
	I-395	Auburn			9.8	11.8	6	12.0					
	I-290	Auburn Worcester			0.0	1.2	8	9.6					
	I-290	Worcester	n/a	3	2.8	4.0	8	9.6	7,857,600	9,586,272			
	I-93	Tewksbury Andover	605584	4	35.6	42.0	8	51.2	10,240,000	12,492,800			
	I-95	Waltham	604710	4	40.5	44.6	10	41.0	18,040,000	22,008,800			
	I-195	Fall River	604575	5	12.2	14.0	8	14.4	5,040,000	6,148,800			
	I-195	Westport - Dartmouth	604304	5	15.7	19.6	8	31.2	8,424,000	10,277,280			
		<b>Total 2010:</b>						<b>241.2</b>	<b>59,519,600</b>	<b>72,613,912</b>			
<b>2011</b>	I-91	West Springfield	605587	2	8.9	10.8	8	15.2	4,636,000	5,655,920			
	I-190	Worcester (NB)	605588	3	0.0	3.5	4	14.0	7,000,000	8,540,000			
	I-395	Oxford	605585	3	4.5	9.8	6	31.8	7,950,000	9,699,000			
	I-95	Canton	n/a	4	23.2	26.0	4	11.2	3,192,000	3,894,240			
	I-93	Boston - Somerville	n/a	4	18.5	19.8	8	10.4	7,800,000	9,516,000			
	I-95	Burlington	605589	4	51.4	53.4	8	16.0	8,000,000	9,760,000			
	I-95	Walpole Sharon Norwood Canton	605590	5	20.7	23.6	6	17.4	4,785,000	5,837,700			
	I-495	Bridgewater Raynham Taunton	n/a	5	18.3	25.0	8	53.6	13,936,000	17,001,920			
		<b>Total 2011:</b>						<b>169.6</b>	<b>57,299,000</b>	<b>69,904,780</b>			
<b>2012</b>	I-91	W. Springfield - Holyoke	605594	2	10.8	15.0	6	25.2	7,434,000	9,069,480			
	I-495	Westford	605586	3	83.1	85.1	8	16.0	3,520,000	4,294,400			
	I-495	Haverhill	605598	4	105.2	111.0	8	46.4	10,208,000	12,453,760			
	I-93	Woburn - Wilmington	604879	4	29.7	35.6	8	47.2	10,384,000	12,668,480			
	I-95	Foxboro - Sharon	605596	5	12.5	20.7	8	65.6	14,432,000	17,607,040			
	I-495	Taunton - Norton - Mansfield	605591	5	25.0	32.0	8	56.0	11,480,000	14,005,600			
		<b>Total 2012:</b>						<b>177.8</b>	<b>57,458,000</b>	<b>70,098,760</b>			
<b>2013</b>	I-91	Easthampton - Northampton	604614	2	20.8	26.9	6	36.6	9,150,000	11,163,000			
	I-84	Holland - Sturbridge	605592	3	0.0	7.5	6	45.0	10,350,000	12,627,000			
	I-95	Wakefield - Lynnfield	605597	4	56.6	60.9	10	43.0	9,460,000	11,541,200			
	I-95	Lexington - Burlington	n/a	4	44.7	51.4	10	67.0	12,060,000	14,713,200			
	I-195	New Bedford - Fairhaven	n/a	5	25.1	29.5	8	35.2	7,920,000	9,662,400			
	I-195	Seekonk - Rehoboth	n/a	5	0.0	4.3	8	34.4	7,740,000	9,442,800			
		<b>Total 2013:</b>						<b>56,680,000</b>	<b>69,149,600</b>				

NHS Program Summary

Year	NHS Route	Location	Proj. Num.	Dist	From	To	Lns+ Shld	Tot Lane Mi	Prelim Cost/ lane-mi	Prelim. Office Estimate	Prelim Est. Total Cost	Revised Office Estimate	Revised Est. Total Cost	Revised OffEst/ lane-mi	Ad Date	Contr.	Award Date	Contr.
2009	2	Arlington - Belmont - Camb.	605259	4	131.7	134.0	10	23.0	150,000	3,450,000	5,285,090	4,190,475	5,112,380	182,195	7-Mar-09			
	8	Pittsfield - Lanesborough	605211	1	44.4	47.6	4	12.8	100,000	1,280,000	1,561,600	1,280,000	1,561,600	100,000	6-Dec-08	57964	1-Apr-09	Warner
	2	Fitchburg - Westminster	604364	3	92.4	95.0	6	15.6	160,000	6,700,000	8,000,000	6,735,353	7,999,550		23-May-09			
<b>NHS</b>								<b>136,667</b>	<b>11,430,000</b>	<b>14,846,690</b>	<b>12,205,828</b>	<b>14,673,530</b>						
2010	33	Chicopee	605260	2	0.0	4.0	4	16.0	275,000	4,400,000	5,368,000							
	2	Leominster - Fitchburg	n/a	3	97.0	103.0	6	36.0	140,000	5,040,000	6,148,800							
	24	Fall River	605698	5	0.00	1.80	6	10.8	225,000	2,430,000	2,964,600							
<b>NHS</b>							<b>52.0</b>	<b>181,538</b>	<b>9,440,000</b>	<b>14,481,400</b>								
2011	9	Cummington	n/a	1	17.0	26.0	4	36.0	110,000	3,960,000	4,831,200							
	2	Acton	n/a	3	114.0	119.8	6	34.8	110,000	3,828,000	4,670,160							
	28	Falmouth	605619	5	50.7	57.0	6	37.8	110,000	4,158,000	5,072,760							
<b>NHS</b>							<b>108.6</b>	<b>110,000</b>	<b>11,946,000</b>	<b>14,574,120</b>								
2012	24	Randolph	605607	4	39.0	40.0	8	8.0	160,000	1,280,000	1,561,600							
	3	Weymouth - Braintree	605602	4	36.0	38.0	8	16.0	165,000	2,640,000	3,220,800							
	28	Bourne	n/a	5	56.5	63.0	6	39.0	155,000	6,045,000	7,374,900							
<b>NHS</b>							<b>24.0</b>	<b>160,000</b>	<b>9,965,000</b>	<b>12,157,300</b>								
2013	20	Northborough - Marlboro	605610	3	122.0	126.5	4	18.0	135,000	2,430,000	2,964,600							
	6	Dennis - Orleans	n/a	5	78.5	90.8	3	36.9	135,000	4,981,500	6,077,430							
<b>NHS</b>							<b>54.9</b>	<b>135,000</b>	<b>7,411,500</b>	<b>9,042,030</b>								

**Accelerated Bridge Program - Proposed GANs Program**

MPO	District	Project No.	Project Type	Description	Construction Cost Only	FFY
Boston Region	4	603654	Bridge Replacement	BOSTON- BRIDGE REPLACEMENT, B-16-163, MORTON STREET OVER THE MBTA & CSX RAILROAD	\$4,157,100	2010
Boston Region	4	600776	Bridge Replacement	WELLESLEY- BRIDGE REPLACEMENT, W-13-007, ROCKLAND STREET OVER CONRAIL	\$2,286,129	2010
Boston Region	4	603443	Bridge Replacement	BOSTON- BRIDGE REPLACEMENT, B-16-167, RIVER STREET OVER AMTRAK & MBTA	\$9,633,664	2010
Boston Region	3	603602	Bridge Replacement	ASHLAND- BRIDGE REPLACEMENT, A-14-002, ROUTE 135 (UNION STREET) OVER THE SUDBURY RIVER	\$3,150,000	2010
Boston Region	4	604382	Bridge Replacement	QUINCY- WEYMOUTH- BRIDGE REPLACEMENT, Q-01-001=W-32-001, STATE ROUTE 3A (WASHINGTON STREET) OVER THE FORE RIVER	\$242,592,000	2011
Boston Region	3	603710	Bridge Replacement	FRAMINGHAM- BRIDGE REPLACEMENT, F-07-015, WINTER STREET OVER MBTA, AMTRAK & CSX RAILROAD	\$6,760,129	2011
Boston Region	4	604361	Bridge Reconstruction/Rehab	BOSTON- CAMBRIDGE- BRIDGE REHABILITATION, B-16-009=C-01-002, CAMBRIDGE STREET OVER THE CHARLES RIVER (MEMORIAL DRIVE & STORROW DRIVE) (AKA - LONGFELLOW BRIDGE) DCR	\$254,125,000	2011
Boston Region	4	603531	Bridge Replacement	PEABODY- BRIDGE REPLACEMENT, P-03-013, HOWLEY STREET OVER NORTH RIVER	\$1,153,260	2013
Cape Cod	5	603892	Bridge Replacement	DENNIS- BRIDGE REPLACEMENT, D-07-001, UPPER COUNTY ROAD OVER SWAN RIVER	\$2,426,850	2010
Cape Cod	5	603690	Bridge Replacement	CHATHAM- BRIDGE REPLACEMENT, C-07-001, BRIDGE STREET OVER THE MITCHELL RIVER	\$11,145,780	2011
Cape Cod	5	605291	Bridge Replacement	DENNIS- BRIDGE REPLACEMENT, D-07-006, MAIN STREET (SR 28) OVER WATER SWAN POND RIVER	\$2,666,160	2013
Central Mass	2	601796	Bridge Replacement	WEST BROOKFIELD- BRIDGE REPLACEMENT, W-19-006, LONG HILL ROAD OVER CSX RR	\$2,979,850	2010
Central Mass	3	604032	Bridge Replacement	DUDLEY- BRIDGE REPLACEMENT, D-12-010, WEST DUDLEY ROAD OVER THE QUINEBAUG RIVER	\$3,177,000	2010
Central Mass	2	605084	Structures Maintenance	BARRE- BRIDGE PRESERVATION, B-02-005, ROUTE 122 OVER PRINCE RIVER	\$796,705	2010
Central Mass	3	604729	Bridge Reconstruction/Rehab	SHREWSBURY- WORCESTER- BRIDGE REHABILITATION, S-14-001=W-44-018, STATE ROUTE 9 (BELMONT STREET) OVER LAKE QUINSIGAMOND (AKA - KENNETH F. BURNS BRIDGE)	\$137,303,500	2011
Merrimack Valley	4	601096	Bridge Replacement	AMESBURY- NEWBURYPORT- BRIDGE REPLACEMENTS ON ROUTE I-95, A-07-016=N-11-007, OVER MERRIMACK RIVER (WHITTIER BRIDGE) & A-07-017 OVER EVANS PLACE	\$285,000,000	2012
Montachusett	2	603495	Bridge Replacement	PHILLIPSTON- BRIDGE REPLACEMENT, P-09-004, ROUTE 2 OVER ROUTE 2A (STATE ROAD)	\$2,709,000	2010
Pioneer Valley	2	601322	Bridge Replacement	SOUTHWICK- BRIDGE REPLACEMENT, S-22-005, ROUTE 202/ROUTE 10 OVER JOHNSON BROOK	\$2,028,175	2010
Southeast Mass	5	603670	Bridge Replacement	BOURNE- WAREHAM- BRIDGE REPLACEMENT, B-17-017=W-06-012, US ROUTE 6 & STATE ROUTE 28 (CRANBERRY HIGHWAY) OVER COHASSET NARROWS	\$15,216,625	2010
Southeast Mass	5	605223	Bridge Reconstruction/Rehab	FALL RIVER- BRIDGE REHABILITATION, F-02-059, SR 79 (WESTERN EXPRESSWAY) INCLUDING ALL CONNECTING RAMPS	\$115,780,822	2010
Southeast Mass	5	605329	Bridge Reconstruction/Rehab	REHOBOTH- R-04-005, US 6 FALL RIV AVE OVER WATER PALMER RIVER	\$2,073,046	2013
					\$1,107,160,794	