



**State Transportation  
Improvement Program  
Federal Fiscal Years  
2014-2017**



**COMMONWEALTH of MASSACHUSETTS**

**Our Mission**

To deliver excellent customer service to the people who travel in the Commonwealth and to provide our nation's safest and most reliable transportation system in a way that strengthens our economy and quality of life.



**Deval L. Patrick**  
Governor

**Richard A. Davey**  
Secretary of Transportation  
and  
Chief Executive Officer

**David J. Mohler**  
Executive Director, Office of Transportation Planning

**Dana Levenson**  
Chief Financial Officer

*The project manager wishes to thank MassDOT staff from MPO Activities, GIS Services, Sustainability, Long-Range Planning, and Rail/Transit, for their cooperation and assistance in the development of this document.*

*Additionally, the [weMove Massachusetts](#) logo is used with permission from MassDOT's Sustainability unit*



July 2013

Dear MassDOT Customer:

I am pleased to present the Massachusetts Department of Transportation's State Transportation Improvement Program (STIP) for Federal Fiscal Years 2014-2017. This four-year program will help to realize Governor Deval Patrick's vision of a transportation system that supports a strong economy, protects our natural environment, and enhances the quality of life for residents and visitors in Massachusetts. These projects represent strategically-planned transportation investments that will help to fulfill my office's mandate of enhancing the mobility of people and goods, improving safety, stimulating economic growth, and protecting the environment.

This document was developed through our Metropolitan Planning Organization process, which includes input from citizens, public agencies, and our state and federal partners. To accomplish our transportation goals, the STIP's investment program directs almost four billion dollars for roadways, bridges, bicycle and pedestrian facilities, and public transportation over the next four federal fiscal years.

MassDOT continually strives to improve the quality and transparency of the information we provide, and I invite your input on this document.

Sincerely,

Richard A. Davey  
Secretary & CEO

## Self-Certification for the Commonwealth of Massachusetts

### Compliance with Applicable Federal Regulation

In accordance with 23 CFR 450.218 (a) (or 334), The Massachusetts Department of Transportation hereby certifies that its statewide transportation planning process is addressing major issues facing the Commonwealth, and its non-urbanized areas, and is being carried out in accordance with all applicable requirements including:

- 23 USC 134 and 135, 49 USC Sections 5303 and 5304, and this subpart;
- Title VI of the Civil Rights Act of 1964, as amended (42 USC 2000 d-1) and the Title VI assurance (23 USC Section 324) and 49 CFR part 21;
- 49 USC 5332, prohibiting discrimination on the basis of race, color, creed, national origin, sex, or age, in employment or business opportunity;
- Section 1101 (b) of the SAFETEA-LU (Public Law. 109-59) and 49 CFR 26 regarding the involvement of Disadvantaged Business Enterprises in US DOT funded projects;
- 23 CFR part 230 regarding implementation of an equal employment opportunity program on federal and federal aid highway construction contracts;
- The provisions of the Americans with Disabilities Act of 1990 (42 USC 12101 *et. seq.*) and 49 CFR parts 27, 37 , and 38;
- In states with non-attainment and maintenance areas, Sections 174 and 175 (c) and (d) of the Clean Air Act, as amended {42 USC 7504 , 7506 (c) and (d)} and 40 CFR part 93;
- The Older Americans Act, as amended 42 USC 6101 prohibiting on the basis of age in programs and activities receiving Federal financial assistance;
- Section 324 of Title 23 USC regarding prohibition of discrimination based on gender;
- Section 504 of the Rehabilitation Act of 1973 (29 USC 794) and 49 CFR part 27, regarding discrimination against individuals with disabilities;
- Anti-lobbying provisions found at 49 USC part 20.and 23 CFR 630.112;

Additionally, each Metropolitan Planning Organization has certified that its Transportation Improvement Program complies with above requirements. As the State Transportation Improvement Program includes a compilation of projects included in the Metropolitan Planning Organizations' Transportation Improvement Programs, the Commonwealth therefore also has complied with the above requirements.

I. Financial Constraint

The financial plan contained herein is financially constrained, and indicates that the State Transportation Improvement Program reflects the highway program emphasis on the maintenance and operation of the current roadway and bridge system while also providing for strategic capacity expansions. Only projects for which funds can reasonably be expected have been included. Transit funds also satisfy federal requirements relating to financial constraint. Federal transit funds are programmed in the State Transportation Improvement Program based upon estimates of available or reasonably available funding.

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Richard A. Davey  
Secretary & CEO

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Date

## Certification of the State Transportation Improvement Program

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, an air quality conformity determination for the 2014-17 Massachusetts State Transportation Improvement Program is not required since most of the state (with limited exceptions) was designated on May 21, 2012 by the United States Environmental Protection Agency as "unclassifiable/attainment" for the latest ozone standard;

Whereas, all regionally significant transportation projects in the 2014 - 2017 State's Transportation Improvement Program are contained in the collection of the 2012 Regional Transportation Plans;

Whereas, the State has completed its review in accordance with Section 176(c) (4) of the Clean Air Act as amended in 1990 [42 U.S.C. 7251 (a)], and hereby certifies that the FFY 2013-2016 STIP is financially constrained and that the implementation of the STIP, each MPO's TIP, and each MPO's 2013 Regional Transportation Plan all satisfy the criteria specified in both 40 CFR Part 51 and 93 (8/15/1997) and 310 CMR 60.03 (12/30/1994). Based on the current federal requirements, the FFY 2014-2017 STIP is consistent with the air quality goals of 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 Commonwealth hereby endorses the FFY 2014 - 2017 State Transportation Improvement Program.

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Richard A. Davey  
Secretary & CEO

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Date

The Massachusetts Department of Transportation (MassDOT) does not discriminate on the basis of disability in admission to its programs, services, or activities; in access to them; in treatment of individuals with disabilities; or in any aspect of their operations. MassDOT also does not discriminate on the basis of disability in its hiring or employment practices.

This notice is provided as required by Title II of the Americans with Disabilities Act of 1990 (ADA) and Section 504 of the Rehabilitation Act of 1973. Questions, complaints, or requests for additional information regarding the ADA and Section 504 may be forwarded to:

Stephanie Neal-Johnson  
Acting Chief Diversity and Civil Rights Officer  
Massachusetts Department of Transportation  
10 Park Plaza – 3<sup>rd</sup> floor  
Boston, MA 02116-3969

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*Email: [MASSDOT.CivilRights@state.ma.us](mailto:MASSDOT.CivilRights@state.ma.us)*

Office hours: 9:00 am to 5:00pm

This notice is available from the Office of Civil Rights in large print, on audio tape, and in Braille upon request.

## ACKNOWLEDGMENTS

This 3C certification document is the culmination of a year long effort by the Commonwealth's regional planning agencies, regional transit agencies, MassDOT/Highway Division, MassDOT/Rail-Transit Division, the Federal Aid Programming Office, and the Office of Transportation Planning.

This report was funded in part through grants from the Federal Highway Administration, Federal Transit Administration, and the U.S. Department of Transportation. The views and opinions of the Massachusetts Department of Transportation expressed herein do not necessarily state or reflect those of the U. S. Department of Transportation.



# Table of Contents

## Part I -Introduction

## Part II -Programmed Projects

- Fiscal Constraint
  - Federal Fiscal year 2014
  - Federal Fiscal year 2015
  - Federal Fiscal year 2016
  - Federal Fiscal year 2017

## Part III -Federal Fiscal Year 2013 Project Status-to-Date

- Projects Funded with Federal Highway Funds
- Projects Funded with Federal Transit Funds
- Statewide Road and Bridge Program

## Part IV - Air Quality Conformity Status

## Part V – Public Outreach

## Appendix

- A - Guidance Documents
- B - Statewide Projects
- C - MPO Process
- D - Operation & Maintenance
- E - Maps
- F - Accelerated Bridge Program
- G - Advance Construction Projects
- H - Greenhouse Gas Monitoring
- I - Comments on the Draft STIP



The image features a minimalist design with three overlapping circles in shades of blue and light blue, arranged vertically. Two thin, light blue lines intersect at the top left, forming a V-shape that frames the circles. The circles are positioned in the upper right and lower right areas of the page.

# **Part I**

## **Introduction**

*July 2013*

## ***INTRODUCTION***

The Commonwealth of Massachusetts' State Transportation Improvement Program (STIP) is a federally-mandated, prioritized listing of highway, bridge, intermodal and transit projects expected to be undertaken during the next four federal fiscal years (FFY): FFY 2014 through FFY 2017. The document is a compilation of those state, regional and local transportation priorities that will be implemented with funding provided by the Federal Highway Administration (FHWA) and the Federal Transit Administration (FTA), and which must be financially-constrained to the federal amounts allocated to Massachusetts. These project lists undergo a comprehensive annual review and revision, and they are updated as needed to reflect changes (e.g. cost changes, changes to project readiness) that occur during the federal fiscal year. The lists include projects programmed by the state's ten metropolitan planning organizations (MPOs) and the three regional planning entities that function as de facto MPOs in their respective regions.

For the reader, this document is divided into six major sections:

**Part I** Is the Overview and contains narratives, certifications, and descriptions necessary for submission to appropriate federal and state reviewing agencies;

**Part II** lists all projects programmed in the regional TIPs, as well as those projects funded on a statewide basis;

**Part III** contains the status-to-date of the FFY 2013 program in the October 2012 STIP submittal;

**Part IV** provides a discussion of air quality conformity determination within the Commonwealth;

**Part V** details the state's public outreach program in soliciting input on the STIP;

**Appendix** contains a variety of source documents used by MassDOT and the RPAs in the development of the State TIP and the regional TIPs.

This STIP can be downloaded from the Commonwealth's web site [www.massDOT.ma.us](http://www.massDOT.ma.us).

## ***ORGANIZATIONAL CONTEXT***

### Current Structure

MassDOT includes four Divisions: Highway, Rail/Transit, Aeronautics, and Registry of Motor Vehicles. The Secretary appoints an administrator for each division.

#### *Highway Division:*

The Highway Division has jurisdiction over the roadways, bridges, and tunnels of the former Massachusetts Highway Department and Massachusetts Turnpike Authority. The Division also has jurisdiction over many bridges and parkways previously under the authority of the Department of Conservation and Recreation. The Highway Division is responsible for the design, construction and maintenance of the Commonwealth's state highways and bridges. The Division is also responsible for overseeing traffic safety and engineering activities for the state highway system; these activities include operating the Highway Operations Control Center to ensure safe road and travel conditions.

#### *Rail & Transit Division:*

The Rail & Transit Division is responsible for all rail and transit initiatives, and it oversees the Massachusetts Bay Transportation Authority (MBTA) and all Regional Transit Authorities of the Commonwealth. The MassDOT Board of Directors also serves as the governing board for the MBTA.

#### *Aeronautics Division:*

The Aeronautics Division has jurisdiction over the Commonwealth's public use airports, private use landing areas, and seaplane bases. It is responsible for airport development and improvements, aviation safety, aircraft accident investigation, navigational aids, and statewide

- Extreme weather events impact everyone. Tornadoes, major storms, and out-of-season snowfall events require quick responses to keep people and goods moving.

By implementing a robust decision-making framework based on these principles, MassDOT will be able to spend its limited resources on investments into the transportation system that yield the greatest return in meeting the Commonwealth's needs, to defend its investment decisions with data, and to meet these goals while understanding the aspirations and concerns of the traveling public.

### **GreenDOT**

GreenDOT is MassDOT's comprehensive environmental responsibility and sustainability initiative that will make MassDOT a national leader in "greening" the state transportation system. Through the full range of our activities, from strategic planning to construction and system operations, MassDOT will promote sustainable economic development, protect the natural environment, and enhance the quality of life for all of the Commonwealth's residents and visitors. This will enable MassDOT to use resources in a manner that serves its existing customers while preserving our resources for future generations. GreenDOT will be driven by three primary goals:

- reduce greenhouse gas emissions;
- promote the healthy transportation options of walking, bicycling, and public transit; and
- support smart growth development.

GreenDOT calls for MassDOT to incorporate sustainability into all of its activities, from strategic planning to project design and construction to system operation. GreenDOT was implemented in response to several existing state laws, Executive Orders, and MassDOT policies. These include the 2009 Transportation Reform Law that created MassDOT and established the [Healthy Transportation Compact](#) that promotes improved public health through active transportation; MassDOT's Complete Streets design approach that calls for appropriate accommodation of all transportation system users; and the Global Warming Solutions Act, the 2008 state law that calls for measurable and enforceable reductions in economy-wide greenhouse gas emissions in Massachusetts: a reduction of 25 percent below 1990 levels by 2020, and a reduction of 80 percent below 1990 levels by 2050.

The GreenDOT initiative has set a goal of reducing greenhouse gas emissions over 2 million tons by 2020, a reduction of about 7.3 percent below 1990 transportation sector emission levels. MassDOT will seek to achieve this reduction through a broad range of measures and initiatives, including through MassDOT's role in prioritizing the mix of projects and transportation system investments through the transportation improvement program (TIP) and STIP development process. In cooperation with the regional planning agencies and metropolitan planning organizations, MassDOT has begun to track greenhouse gas (GHG) impacts of the regional planning programs, including the investment programs in the regional transportation plans (RTPs) and the regional TIPs. The ultimate objective of tracking GHG impacts of transportation investments is to enable MassDOT and the MPOs to work together to balance highway system expansion projects with other projects that support smart growth development and promote public transit, walking and bicycling. Examples include transit and rail projects, complete streets planning that includes bicycle and pedestrian accommodations, and investments in greener, more efficient fleet vehicles and renewable power. Appendix H presents the narrative which estimates the emissions resulting from the projects programmed in FFY 2014-2017.

### **Alternative Fuels**

With the CMAQ-funded statewide alternative fuels vehicle program, seventy new low-emission or electric vehicles have been purchased, enabling the retirement of an equivalent number of

### **The Bay State Greenway**

The *Bay State Greenway* (BSG) is the Massachusetts Department of Transportation's proposed, long-distance bicycle transportation network. A central recommendation of the 2008 Massachusetts Bicycle Transportation Plan, the BSG is a seven-corridor, 740-mile network of bicycle routes that comprise both off-road and on-road bicycle facilities. This primary network is also supported by secondary on- and off-road routes.

The BSG routing was selected in order to connect to urbanized areas with the greatest density of trips in order to maximize the potential for transportation-oriented trip-making, and to facilitate increased bicycling; maximize the use and connectivity of existing shared-use paths; provide continuous routes; enable immediate implementation by identifying bicycle-compatible on-road routes, including many state highways with wide shoulders; and provide for future connections on proposed off-road shared-use paths.

The Bay State Greenway as a whole includes approximately 200 miles of existing shared-use paths, along with 300 additional miles of proposed shared-use paths. Because this is such a large amount of new shared-use paths, MassDOT has identified the highest priority shared-use path projects: 100 miles of new shared-use paths that would make additional connections to urban centers, extend existing paths, and maximize the transportation network. This program of 100 miles of the highest priority paths is known as the BSG 100. Funding and implementation of BSG 100 projects is a high priority for MassDOT, and many of these projects are funded in this STIP with MassDOT-controlled Transportation Enhancements (TE) and Congestion Mitigation and Air Quality Improvement (CMAQ) funds.

### **Bay State Bike Week**

Massachusetts is the first state to have a statewide bike week, presented by MassDOT and Massachusetts Bicycle Coalition (MassBike). Launched in 2010 as a Healthy Transportation Compact initiative, Bay State Bike Week (BSBW) is the annual springtime celebration of bicycling in Massachusetts and reinforces MassDOT's GreenDOT goals. In 2013, the event occurred from May 11<sup>th</sup> to May 19<sup>th</sup>.

### **Same Roads, Same Rules**

*Same Roads, Same Rules* is an educational program that provides safety information, resource and tips for motorist and bicyclists, while dispelling myths and misinformation about motorists and bicyclists. The program aims at reducing animosity and conflict between bicyclists and motorists as they share Massachusetts' road system. The information is provided by MassBike, in partnership with MassDOT, the Executive Office of Public Safety and Security, the Department of Public Health and the Department of Conservation and Recreation.

### **Go by Bike!**

The *Go By Bike!* brochure provides a concise and easily understood summary of biking basics. The brochure can be used to help a range of ages and experience levels get an easy ride when they "Go By Bike!" Like Bay State Bike Week and the "Same Roads, Same Rules" campaign, "Go By Bike!" is another product of the essential MassBike – MassDOT partnership.

### **Moving Together**

*Moving Together* is the Commonwealth's annual bicycling and walking conference, which was initiated in 1999. The conference brings together professionals from state and local government, advocates, and design professionals to advance bicycle and walking transportation. The next conference is scheduled for October 23, 2013; approximately three thousand individuals, including representatives of hundreds of agencies and organizations, are invited to the event, which has grown to over 300 participants in recent years.

MassDOT's tunnels. Drivers involved in a crash, or stuck in a disabled vehicle, should remain in their car until help arrives.

Along with encouraging drivers to remain in their vehicles, the campaign reminds drivers that video streams of the downtown Boston highway tunnel system are monitored 24/7 by MassDOT's Highway Operations Center. State Police are ready to respond to tunnel incidents within minutes. To increase tunnel emergency awareness, an informational brochure is being handed out for the first time today at toll plazas on the Tobin Bridge, the Airport Tunnels and the Allston/Brighton plaza. Fast Lane customers will receive this information via email as part of their monthly statements. Also, billboards with tunnel awareness tips are now in rotation on the digital boards along I-93 in Medford and Stoneham.

The awareness campaign was created in the wake of the death of a motorist inside the O'Neill Tunnel in November 2011. Other tips for drivers include: pulling to the side of the road, activating hazard flashing lights and calling 911. If there is fire, however, drivers should turn off the engine, immediately exit the vehicle, and seek refuge in the nearest safe place in the tunnel.

### **Rail Program**

In the past four years, the Massachusetts rail system has received more than \$500 million in new investment through competitive grants, public funds and private investment. These investments represent the most significant improvement in the Commonwealth's rail system as a whole in decades. Massachusetts' passenger rail system has been enhanced through a series of competitive federal grants, stimulus funding through the American Recovery and Reinvestment Act (ARRA), and other sources. These investments have provided upgrades to rail lines operated by both the Massachusetts Bay Transportation Authority (MBTA) and Amtrak. The *South Coast Rail* project has made significant progress through planning and environmental permitting; in order to facilitate implementation of the South Coast Rail project, MassDOT won a discretionary federal to rebuilt three rail bridges that are critical to the project.

### **The Knowledge Corridor**

The *Knowledge Corridor - Restore Vermonter* project will restore Amtrak's intercity passenger train service to its original route by relocating the Vermonter service from the New England Central Railroad back to its former route on the Pan Am Railroad's Connecticut River line. The Pan Am route provides a shorter and more direct route for the Vermonter between Springfield and East Northfield, and improves access to densely populated areas along the Connecticut River. The Pan Am route would include station stops at the former Amtrak station at Northampton and the new intermodal station at Greenfield. The routing of Amtrak service in Vermont and south of Springfield would remain unchanged. The project provides improvements to the existing Pan Am rail line, including crosstie replacement, rail replacement, rehabilitation of grade crossings, reactivation of passing sidings and portions of double track, upgrading of switches, improvements to signal and communications systems, surfacing and alignment of track, and improvements to bridges and station platforms. These improvements will facilitate the relocation of the Vermonter by improving safety, increasing operating speeds for existing freight train traffic and the Vermonter, and enhancing capacity on the rail line to accommodate future increased levels of train traffic. The improvements and rehabilitation work will be done within the existing railroad right of way.

### **South Station Expansion**

This critical project will provide new tracks to accommodate additional passenger service on Amtrak and MBTA trains. This project is a priority for future rounds of HSIPR funding for Massachusetts. MassDOT has begun preparing an application to request funds for Preliminary Engineering and Environmental work as a foundation for a future request for construction funds.

federal funds under Title 49 USC Sections 5310, 5311, 5311 (f), 5316, and 5317 and state funds under the Mobility Assistance Program will be able to use the new single application.

### **Beyond Boston**

There are currently 15 Regional Transit Authorities (RTAs) operating in the Commonwealth of Massachusetts, not including the Massachusetts Bay Transportation Authority (MBTA). These agencies serve a total of 262 communities and provide over 29 million trips annually. The RTAs primarily operate fixed-route bus and paratransit/demand response service, but some also offer tailored or specialized services such as commuter bus, college shuttles, and seasonal routes. Other RTAs are more concentrated on human service transportation and have created extensive service networks that involve different types of service providers.

As populations change and shift, development and destinations spread and resources are increasingly stretched, yet service demands continue to grow. The Beyond Boston regional transit study is designed to more effectively strategize, prioritize, and deliver transit service throughout the Commonwealth. This study was a cooperative effort between MassDOT and the state's 15 RTAs to identify and address a broad range of ideas that offer potential to improve the planning, organization, and delivery of public transportation service. Some of the issues that were addressed include:

- A thorough review of the Commonwealth's transit network from a statewide perspective including the transit system operations and demands; barriers to improved service, and state, regional, and national best practices and trends.
- An analysis of the operation of each RTA, with the purpose of identifying ways in which each regional transit authority can improve the efficiency of existing services, and provide new or expanded services to local communities.
- The identification of transportation improvement projects for the regional transit authorities, and mechanisms to improve and maintain public transportation facilities and equipment.
- An evaluation to ensure resources and investments provide an equitable allocation of investments in transportation across the regions of the Commonwealth.

Beyond Boston also addressed the relationship between the MBTA and neighboring RTAs and identify opportunities for greater collaboration, and/or mechanisms for streamlining the management of public transportation assets. The Beyond Boston study was completed in July 2012, and MassDOT continues to work with the RTAs to implement its recommendations.

### **Bicycle Transportation in the Driver's Manual, Testing and Enforcement Resources**

In 2009, to further promote safe interactions on roads between bicycles and motor vehicles, Governor Deval Patrick signed several new laws. These laws expand the rights and responsibilities of bicyclists on Massachusetts roadways. They also place new legal responsibilities on motorists, while making it easier for police officers to issue bicyclists citations for their traffic violations.. The current and pending changes should help ensure that bicyclists will have a safer riding environment. The changes enforce stricter standards on motorists to be alert and careful in the presence of bicycles. Bicyclists have a legal right to use all public roads in Massachusetts except limited access or express state highways where signs specifically prohibiting bicycles have been posted. Like motorists, bicyclists are also required to know and obey traffic laws and regulations. Both bicyclists and motorists need to understand the current and pending laws. Drivers need to respect bicyclists' rights, as well as their own legal responsibilities to safely share the road with bicycles; drivers and bicyclists should both understand and appreciate that bicyclists are far more vulnerable to injury and death when forced off the road and when in collision with a motor vehicle..

incorporating Innovative Project Delivery. The Federal share for NHPP projects for a State that has not implemented an asset management plan within the established timeframe is limited to 65 percent. Other exceptions to 23 USC 120 are provided for certain freight projects, workforce development, training, and education activities, Appalachian development highway system projects. (See "Federal Share" fact sheet)

#### Eligible activities

NHPP projects must be on an eligible facility and support progress toward achievement of national performance goals for improving infrastructure condition, safety, mobility, or freight movement on the NHS, and be consistent with Metropolitan and Statewide planning requirements. Eligible activities include:

- Construction, reconstruction, resurfacing, restoration, rehabilitation, preservation, or operational improvements of NHS segments.
- Construction, replacement (including replacement with fill material), rehabilitation, preservation, and protection (including scour countermeasures, seismic retrofits, impact protection measures, security countermeasures, and protection against extreme events) of NHS bridges and tunnels.
- Bridge and tunnel inspection and evaluation on the NHS and inspection and evaluation of other NHS highway infrastructure assets.
- Training of bridge and tunnel inspectors.
- Construction, rehabilitation, or replacement of existing ferry boats and facilities, including approaches, that connect road segments of the NHS.
- Construction, reconstruction, resurfacing, restoration, rehabilitation, and preservation of, and operational improvements for, a Federal-aid highway not on the NHS, and construction of a transit project eligible for assistance under chapter 53 of title 49, if the project is in the same corridor and in proximity to a fully access-controlled NHS route, if the improvement is more cost-effective (as determined by a benefit-cost analysis) than an NHS improvement, and will reduce delays or produce travel time savings on the NHS route and improve regional traffic flow.
- Bicycle transportation and pedestrian walkways.
- Highway safety improvements on the NHS.
- Capital and operating costs for traffic and traveler information, monitoring, management, and control facilities and programs.
- Development and implementation of a State Asset Management Plan for the NHS including data collection, maintenance and integration, software costs, and equipment costs.
- Infrastructure-based ITS capital improvements.
- Environmental restoration and pollution abatement.
- Control of noxious weeds and establishment of native species.
- Environmental mitigation related to NHPP projects.
- Construction of publicly owned intracity or intercity bus terminals servicing the NHS.

Workforce development, training, and education activities are also an eligible use of NHPP funds.

#### Location of projects

NHPP funds may only be used for projects on or associated with the NHS as described above under "Eligible activities." An exception is provided under certain circumstances for non-NHS highway or transit projects in an NHS corridor.



- Capital costs for transit projects eligible for assistance under chapter 53 of title 49, including vehicles and facilities used to provide intercity passenger bus service.
- Carpool projects, fringe and corridor parking facilities and programs, including electric and natural gas vehicle charging infrastructure, bicycle transportation and pedestrian walkways, and ADA sidewalk modification.
- Highway and transit safety infrastructure improvements and programs, installation of safety barriers and nets on bridges, hazard eliminations, mitigation of hazards caused by wildlife, railway-highway grade crossings.
- Highway and transit research, development, technology transfer.
- Capital and operating costs for traffic monitoring, management and control facilities and programs, including advanced truck stop electrification.
- Surface transportation planning.
- Transportation alternatives --newly defined, includes most transportation enhancement eligibilities.
- Transportation control measures.
- Development and establishment of management systems.
- Environmental mitigation efforts (as under National Highway Performance Program).
- Intersections with high accident rates or levels of congestion.
- Infrastructure-based ITS capital improvements.
- Environmental restoration and pollution abatement.
- Control of noxious weeds and establishment of native species.
- Congestion pricing projects and strategies, including electric toll collection and travel demand management strategies and programs.
- Recreational trails projects.
- Construction of ferry boats and terminals.
- Border infrastructure projects.
- Truck parking facilities.
- Development and implementation of State asset management plan for the NHS, and similar activities related to the development and implementation of a performance based management program for other public roads.
- Surface transportation infrastructure modifications within port terminal boundaries, only if necessary to facilitate direct intermodal interchange, transfer, and access into and out of the port.
- Construction and operational improvements for a minor collector in the same corridor and in proximity to an NHS route if the improvement is more cost-effective (as determined by a benefit-cost analysis) than an NHS improvement and will enhance NHS level of service and regional traffic flow.

Workforce development, training, and education activities are also an eligible use of STP funds.

#### Location of Projects

In general, STP projects may not be on local or rural minor collectors. However, there are a number of exceptions to this requirement. A State may use up to 15% of its rural suballocation on minor collectors. Other exceptions include: ADHS local access roads, bridge and tunnel replacement and rehabilitation (not new construction), bridge and tunnel inspection, carpool projects, fringe/corridor parking facilities, bike/pedestrian walkways, safety infrastructure, Transportation Alternatives, recreational trails, port terminal modifications, and minor collectors in NHS corridors.

## **Transportation Alternatives Program (TAP)**

### Program Description

The Transportation Alternatives Program (TAP) is a competitive grant program created by the federal Moving Ahead for Progress in the 21st Century Act (MAP-21). TAP provides funding for a variety of transportation projects types, including projects that would previously have been eligible for funding under separate programs: the Transportation Enhancements, Recreational Trails, and Safe Routes to School programs.

### Competitiveness and Eligibility Details

The following entities are eligible project proponents and applicants for TAP funding.

### Eligible Project Proponents/Applicants

- Local governments
- Regional transportation authorities
- Transit agencies
- Natural resource or public land agencies
- School Districts, local education agencies or schools
- Tribal governments
- Other local or regional governmental entities with responsibility for the oversight of transportation or recreational trails (other than a metropolitan planning organization or State agency) that the State determines to be eligible

### Eligible activities

In accordance with MAP-21, Massachusetts TAP funds may be used for the following types of projects:

- Construction, planning, and design of on-road and off-road trail facilities for pedestrians, bicyclists and other non-motorized forms of transportation (including sidewalks, bicycle infrastructure, pedestrian and bicycle signals, traffic calming techniques, lighting and other safety-related infrastructure, and transportation related projects to achieve compliance with the Americans with Disabilities Act of 1990)
- Construction, planning and design of infrastructure-related projects and systems that provide safe routes for non-drivers (including children, older adults, and individuals with disabilities) to access daily needs
- Conversion and use of abandoned railroad corridors for trails for pedestrians, bicyclists, or other non-motorized transportation users
- Construction of turnouts, overlooks, and viewing areas.
- Community improvement activities, including-
  - inventory, control, or removal of outdoor advertising;
  - historic preservation and rehabilitation of historic transportation facilities;
  - vegetation management practices in transportation rights-of-way to improve roadway safety, prevent against invasive species, and provide erosion control; and
  - archaeological activities relating to impacts from implementation of a transportation project eligible under title 23.
- Any environmental mitigation activity, including pollution prevention and pollution abatement activities and mitigation to-

## **Earmarks**

Certain funding categories are project-specific, i.e. funds are 'earmarked' only for use in the development of that project. These earmarks are included in federal transportation bills by a state's congressional delegation, often at 100% federal reimbursement. These include, among others, Sections 115, 117, 129 and 125 categories.

## **Federal Transit Administration**

The federal government, through the Federal Transit Administration (FTA), provides financial assistance to develop new transit systems and improve, maintain, and operate existing systems. FTA oversees thousands of grants to hundreds of state and local transit providers through the FTA regional offices. The grantees are responsible for managing their programs in accordance with federal requirements and FTA is responsible for ensuring that these grantees follow the mandates along with statutory and administrative requirements. The various federally-funded transit categories are:

### *Section 5307 – Urbanized Area Formula Grant Program*

This program funds routine capital investments, including bus purchases, but for some smaller systems, a portion can be used to defray transit-operating expenses. Transit funds are allocated annually by the FTA to individual urbanized areas, as defined by the 2010 census, according to a formula based on population size. A portion of the program is for areas under 200,000 in population and a portion goes directly to areas over 200,000.

### *Section 5309 – Capital Investment Grants*

This category funds fixed guideway modernization projects; construction and extension of new fixed guideway systems; and bus and bus-related equipment and construction projects. Fixed guideway modernization funds are provided to eligible recipients based on a federal funding formula that includes miles of fixed guideway (including HOV and busway) in revenue service and passenger miles of service.

### *Section 5310 – Elderly Persons and Person with Disabilities Formula Program*

Funds in this category are used to provide assistance for non-profit organizations that provide transportation for the elderly or the disabled. Funds may be used only for capital purchases or to purchase services that directly benefit the elderly or persons with disabilities. Funds are provided to the Commonwealth and allocated to the Regional Transit Authorities (RTAs) by MassDOT.

### *Section 5311 – Non-Urbanized Area Formula Program*

This program funds public transportation in rural or non-urbanized areas (areas with populations of less than 50,000) and capital grants for intercity facilities and equipment. The Rural Technical Assistance Program (RTAP) provides funding for administration, operations, planning, training, technical assistance, research and support services. Like Section 5310, these funds are provided to the Commonwealth for allocation among the RTAs.

### *Section 5316 – Job Access/ Reverse Commute*

This formula program provides funds to transport welfare recipients to and from jobs as well as activities related to their employment. It is now funded entirely from the Mass Transit Account of the Highway Trust Fund and the grantees must be selected competitively. Ten percent of these funds may be used for administration, planning and technical assistance.

decisions on transportation project programming. By contrast, a representative of the RPA serves as a member of the MPO, and MassDOT has hired each RPA to serve as staff to conduct analysis that supports the MPO's decision-making. For the Boston MPO, MassDOT has hired an independent group, the Central Transportation Planning Staff (CTPS), to serve as the primary staff for the MPO. However, the Metropolitan Area Planning Council (MAPC), the Boston area RPA, also performs some of the MPO's planning and analysis functions.

#### How are budgets set for the TIPs?

Each spring, MassDOT receives a funding "authorization" or estimate of total federal funding availability from the Federal Highway Administration (FHWA). In recent years, this authorization has been approximately \$550 million. Congress reviews the authorization during its budgeting process and sets a ceiling on how much can be spent from that authorization. This ceiling, called an obligation limitation, limits MassDOT's ability to spend federal funding beyond the obligation limitation set by Congress.

A portion of the federal highway funding allocated to Massachusetts is directly transferred to the Central Artery/Tunnel project. MassDOT Highway Division, MassDOT Planning, and MassDOT's Federal Aid and Programming Office (FAPO) jointly examine the remaining funding and determine how much of that amount is required for statewide needs, such as Interstate Maintenance, district-wide contracts, planning and transportation demand management. When funding for statewide needs is deducted from the total, the remainder is distributed to the MPOs by formula as in "funding target" or budget, for the regional TIP. The distribution is made according to a formula that is primarily based on the MPO's road mileage and population. The formula for distribution among the MPOs was developed by the Massachusetts Association of Regional Planning Agencies (MARPA), and is known as the "MARPA formula." Before this distribution is made final, MassDOT Planning meets with the MARPA members and reviews the budgets.

#### How is the TIP developed?

Development of the TIP is a cooperative effort among MPO members, regional communities, and elected officials. The RPA and MassDOT jointly manage the roadway, bridge and intermodal portion of the TIP. MassDOT Planning and the MassDOT Highway Division District offices generally represent the MassDOT Secretary & CEO and the MassDOT Highway Division during the development of the TIP, with the Chief Engineer, Highway Engineering, Right of Way, and Environmental divisions also participating in the development of the TIP.

The TIP development process begins with a public announcement and solicitation of projects recommended for TIP programming. Based on public input and a scoring of projects, the RPA and MassDOT develop a preliminary proposal for highway projects to be funded, and the RTA works with the RPA and MassDOT to develop a preliminary proposal for transit projects to be funded. The MPO comments on these proposals, makes changes as needed, and votes to release the proposals for a thirty-day public comment period. During this time, the TIP is reviewed by the MPO's citizen advisory committee and adjusted based on public comment. Finally, the MPO meets to consider and formally endorse the TIP. All the regional TIPs are compiled into the State Transportation Improvement Program.

#### What is the role of the citizen advisory committee?

These committees advise the MPOs on regional transportation issues and normally play an active role in setting regional priorities in the TIP development process. The names of these groups vary among MPOs. Examples are: Joint Transportation Committee, Transportation Planning Advisory Group, Joint Transportation Planning Group. MassDOT Planning is an active, though non-voting, member of these committees as they advise the MPO on regional priorities. Likewise, the committees themselves are important, as their recommendations are often indicative of public support for TIP projects.



## **Part II Programmed Projects**

*July 2013*

## Regional Fiscal Constraint Report

Region	Regional Minimum HSIP Component With State Match	Regional Minimum CMAQ Component With State Match	Regional Maximum TAP Component With State Match	Total Regional Target With State Match	Non - CMAQ/HSIP/TAP With State Match	Total Programmed Funds	Difference
<b>YEAR: 2014</b>							
BERKSHIRE	\$489,451.05	\$1,690,830.90	\$0.00	\$4,361,379.64	\$6,541,661.59	\$5,801,380.00	\$740,281.59
BOSTON REGION	\$5,907,976.73	\$20,409,374.16	\$2,548,719.14	\$50,095,829.10	\$78,961,899.13	\$78,961,899.00	\$0.13
CAPE COD	\$630,456.96	\$2,177,942.21	\$178,764.07	\$5,439,085.01	\$8,426,248.25	\$8,426,248.00	\$0.25
CENTRAL MASSACHUSETTS	\$1,194,893.01	\$4,127,812.23	\$426,039.01	\$10,221,362.91	\$15,970,107.16	\$15,572,039.00	\$398,068.16
FRANKLIN	\$349,215.08	\$1,206,379.35	\$0.00	\$3,111,770.86	\$4,667,365.29	\$4,667,365.00	\$0.29
MARTHA'S VINEYARD COMMISSION	\$42,620.74	\$147,235.28	\$0.00	\$379,783.06	\$569,639.07	\$350,000.00	\$219,639.07
MERRIMACK VALLEY	\$609,064.09	\$2,104,039.58	\$305,423.04	\$5,121,799.37	\$8,140,326.08	\$8,140,326.00	\$0.08
MONTACHUSETT	\$613,188.68	\$2,118,288.15	\$74,989.75	\$5,388,985.86	\$8,195,452.44	\$7,903,990.00	\$291,462.44
NANTUCKET	\$30,246.98	\$104,489.55	\$0.00	\$269,523.46	\$404,259.99	\$374,013.00	\$30,246.99
NORTHERN MIDDLESEX	\$537,571.24	\$1,857,064.28	\$245,303.47	\$4,544,863.49	\$7,184,802.47	\$7,184,801.00	\$1.47
OLD COLONY	\$626,937.30	\$2,165,783.40	\$300,009.37	\$5,286,476.91	\$8,379,206.98	\$7,512,521.00	\$866,685.98
PIONEER VALLEY	\$1,486,363.86	\$5,134,711.53	\$473,938.88	\$12,770,689.13	\$19,865,703.39	\$18,654,075.00	\$1,211,628.39
SOUTHEASTERN MASSACHUSETTS	\$1,232,014.30	\$4,256,049.40	\$428,066.89	\$10,550,113.83	\$16,466,244.42	\$15,142,134.00	\$1,324,110.42
	\$13,750,000.00	\$47,500,000.00	\$4,981,253.62	\$117,541,662.62	\$183,772,916.25	\$178,690,791.00	\$5,082,125.25



## Regional Fiscal Constraint Report

Region	Regional Minimum HSIP Component With State Match	Regional Minimum CMAQ Component With State Match	Regional Maximum TAP Component With State Match	Total Regional Target With State Match	Non - CMAQ/HSIP/TAP With State Match	Total Programmed Funds	Difference
<b>YEAR: 2016</b>							
BERKSHIRE	\$395,516.00	\$1,334,867.00	\$0.00	\$4,478,922.00	\$6,209,305.00	\$6,209,305.00	\$0.00
BOSTON REGION	\$4,774,123.00	\$16,112,664.00	\$2,548,719.00	\$51,514,639.00	\$74,950,144.00	\$74,950,144.00	\$0.00
CAPE COD	\$509,460.00	\$1,719,428.00	\$178,764.00	\$5,590,490.00	\$7,998,143.00	\$7,711,200.00	\$286,943.00
CENTRAL MASSACHUSETTS	\$965,570.00	\$3,258,799.00	\$426,039.00	\$10,508,318.00	\$15,158,727.00	\$13,800,134.00	\$1,358,593.00
FRANKLIN	\$282,194.00	\$952,405.00	\$0.00	\$3,195,635.00	\$4,430,234.00	\$3,226,447.00	\$1,203,787.00
MARTHA'S VINEYARD COMMISSION	\$34,441.00	\$116,238.00	\$0.00	\$390,018.00	\$540,698.00	\$540,698.00	\$0.00
MERRIMACK VALLEY	\$492,173.00	\$1,661,084.00	\$305,423.00	\$5,268,067.00	\$7,726,747.00	\$7,420,924.00	\$305,823.00
MONTACHUSETT	\$495,506.00	\$1,672,333.00	\$74,990.00	\$5,536,244.00	\$7,779,073.00	\$7,393,183.00	\$385,890.00
NANTUCKET	\$24,442.00	\$82,492.00	\$0.00	\$276,787.00	\$383,721.00		
NORTHERN MIDDLESEX	\$434,401.00	\$1,466,103.00	\$245,303.00	\$4,673,962.00	\$6,819,770.00	\$6,223,385.00	\$596,385.00
OLD COLONY	\$506,616.00	\$1,709,829.00	\$300,009.00	\$5,437,037.00	\$7,953,491.00	\$4,845,421.00	\$3,108,070.00
PIONEER VALLEY	\$1,201,102.00	\$4,053,720.00	\$473,939.00	\$13,127,642.00	\$18,856,402.00	\$17,727,158.00	\$1,129,244.00
SOUTHEASTERN MASSACHUSETTS	\$995,567.00	\$3,360,039.00	\$428,067.00	\$10,845,984.00	\$15,629,657.00	\$14,584,517.00	\$1,045,140.00
	\$11,111,111.00	\$37,500,001.00	\$4,981,253.00	\$120,843,745.00	\$174,436,112.00	\$164,632,516.00	



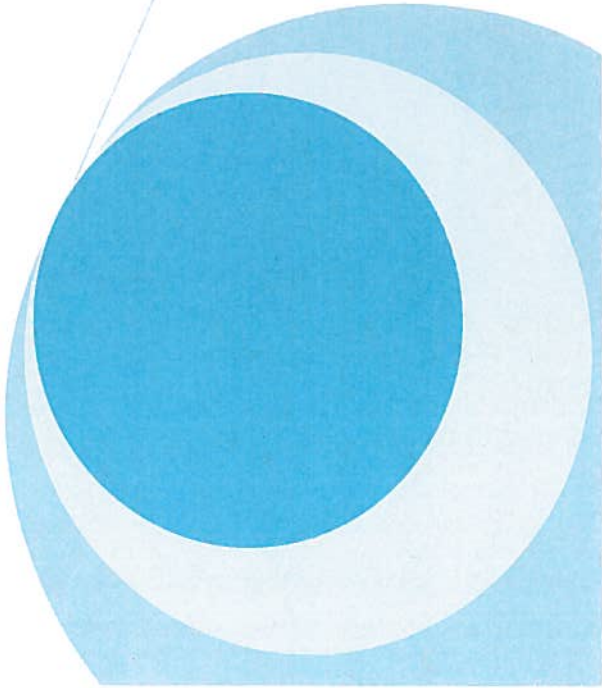
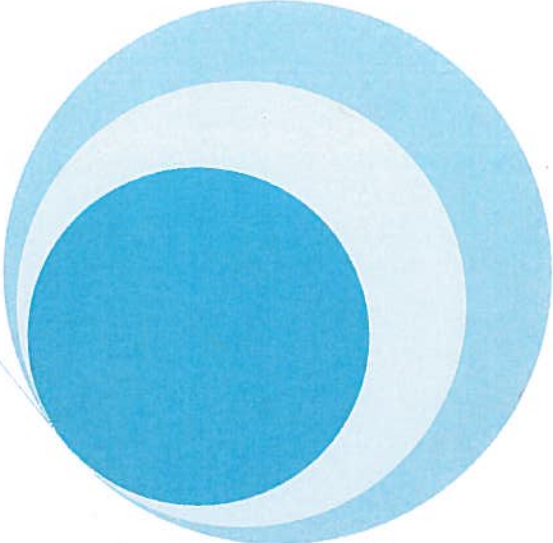
# Statewide Transportation Improvement Program (STIP) - Transit Funding Summary

## FFY2014 - FFY2017

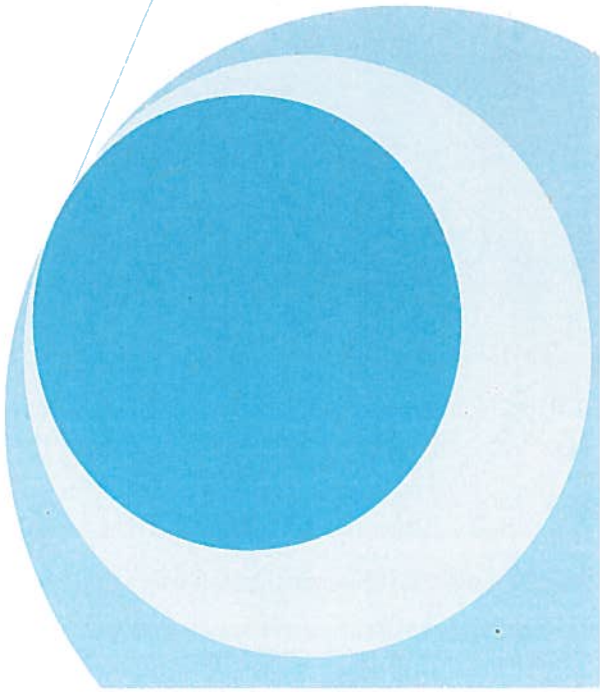
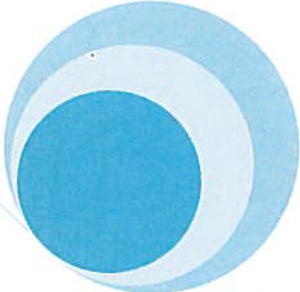
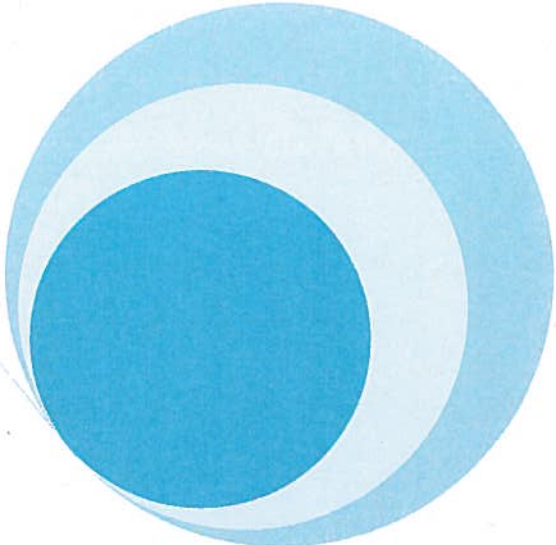
		Federal Funds		RTACAP	MAP	ITCCAP	TDC	SCA	Local Funds	Total Cost
<b>TOTAL FEDERAL AID</b>	5307	\$764,058,078	\$20,319,988	\$126,297	\$0	\$290,638	\$73,486,718	\$135,959,517	\$993,950,598	
	5307 (5316 - SAFETEA-LU)	\$2,672,729	\$0	\$0	\$0	\$0	\$1,000,452	\$1,464,791	\$5,137,972	
	5310	\$5,438,412	\$0	\$2,725,592	\$0	\$0	\$0	\$672,879	\$8,836,883	
	5310 (5317 - SAFETEA-LU)	\$2,146,342	\$58,236	\$0	\$0	\$21,201	\$112,320	\$870,674	\$3,187,572	
	5311	\$11,144,285	\$0	\$0	\$0	\$0	\$8,621,441	\$2,402,843	\$22,168,569	
	5337	\$495,178,253	\$0	\$0	\$0	\$0	\$0	\$123,794,565	\$618,972,818	
	5337 (5309b2 - SAFETEA-LU)	\$2,015,895	\$0	\$0	\$0	\$0	\$0	\$503,975	\$2,519,870	
	5339	\$35,036,975	\$806,076	\$0	\$399,948	\$1,459,893	\$0	\$5,705,147	\$41,948,146	
	Other Federal Grants	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
	<b>Total All Federal Aid</b>	<b>\$1,317,690,969</b>	<b>\$21,184,300</b>	<b>\$2,851,889</b>	<b>\$399,948</b>	<b>\$1,771,732</b>	<b>\$83,220,931</b>	<b>\$271,374,391</b>	<b>\$1,696,722,428</b>	
	<b>Total Non-Federal Aid</b>		<b>\$1,691,991</b>	<b>\$372,260</b>	<b>\$2,000,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$93,067</b>	<b>\$4,157,318</b>	



**Federal Fiscal Year  
2014**



**Projects Funded with  
Federal Highway Funds**



STATE TRANSPORTATION IMPROVEMENT PROGRAM FOR FY YEAR = 2014

2014

YR	MassDOT Project ID	MPO	Municipality Name	MassDOT Project Description	District	Funding Source	Total Programmed Funds	Federal Funds	Non-Federal Funds	Additional Information
<b>FA BRIDGE PRESERVATION</b>										
	► FA									
2014	607469	STATEWIDE	SANDISFIELD	SANDISFIELD- BRIDGE MAINTENANCE, S-03-033, ROUTE 8 (S. MAIN ST.) OVER W. BRANCH FARMINGTON RIVER	NA	FA	\$478,561	\$478,561	\$0	
2014	607468	STATEWIDE	STATEWIDE	DISTRICT 2- SYSTEMATIC BRIDGE MAINTENANCE AT VARIOUS LOCATIONS	NA	FA	\$2,812,400	\$2,812,400	\$0	
2014	607470	STATEWIDE	STATEWIDE	DISTRICT 6- BRIDGE MAINTENANCE AT VARIOUS LOCATIONS ON I-95/I-93 (ROUTE 128/ROUTE 1)	NA	FA	\$2,851,200	\$2,851,200	\$0	
2014	607272	STATEWIDE	STATEWIDE	DISTRICT 4- SCHEDULED BRIDGE REPAIRS & MAINTENANCE ON H-12-041	NA	FA	\$3,744,000	\$3,744,000	\$0	
<b>FA Subtotal</b>							\$9,886,161	\$9,886,161	\$0	
<b>FA BRIDGE PRESERVATION TOTALS</b>							\$9,886,161	\$9,886,161	\$0	

SECTION 1A / FEDERAL AID TARGET PROJECTS

<b>CMAQ</b>										
2014	604553	BERKSHIRE	Adams	ADAMS- ROUNDABOUT CONSTRUCTION AT ROUTE 8 & FRIEND STREET	1	CMAQ	\$1,440,000	\$1,152,000	\$288,000	Construction
2014	606885	BOSTON REGION	ARLINGTON	ARLINGTON- BIKEWAY CONNECTION AT INTERSECTION ROUTE 3 & ROUTE 60, MASSACHUSETTS AVENUE, PLEASANT STREET & MYSTIC STREET	4	CMAQ	\$1,618,984	\$1,295,187	\$323,797	
2014	600220	BOSTON REGION	BEVERLY	BEVERLY- RECONSTRUCTION & SIGNAL IMPROVEMENTS ON RANTOUL STREET (ROUTE 1A) FROM CABOT STREET (SOUTH) TO CABOT STREET (NORTH)	4	CMAQ	\$12,000,000	\$9,600,000	\$2,400,000	STP+CMAQ Total Cost = \$15,748,818
2014	601553	BOSTON REGION	MELROSE	MELROSE- INTERSECTION & SIGNAL IMPROVEMENT TO LEBANON STREET, FROM LYNDE STREET TO MAIN STREET	4	CMAQ	\$4,405,030	\$3,524,024	\$881,006	CMAQ+SAFETEA-LU Earmark Total Cost = \$5,034,960
2014	605146	BOSTON REGION	SALEM	SALEM- RECONSTRUCTION ON CANAL STREET, FROM WASHINGTON STREET & MILL STREET TO LORING AVENUE & JEFFERSON AVENUE	4	CMAQ	\$2,000,000	\$1,600,000	\$400,000	STP+CMAQ Total Cost = \$6,574,201
2014	604761	BOSTON REGION	BOSTON	BOSTON- MULTI-USE TRAIL CONSTRUCTION (SOUTH BAY HARBOR) FROM RUGGLES STATION TO FAN PIER	6	CMAQ	\$1,649,262	\$1,319,410	\$329,852	Construction; CMAQ+TAP Total Cost = \$4,197,981
2014	605729	BOSTON REGION	QUINCY	QUINCY- INTERSECTION & SIGNAL IMPROVEMENTS AT HANCOCK STREET & EAST/WEST SQUANTUM STREETS	6	CMAQ	\$3,575,278	\$2,860,222	\$715,056	
2014	0	BOSTON REGION	MULTIPLE	INTERSECTION IMPROVEMENT PROGRAM	8	CMAQ	\$350,000	\$280,000	\$70,000	



2014

YR	MassDOT Project ID	MPO	Municipality Name	MassDOT Project Description	District	Funding Source	Total Programmed Funds	Federal Funds	Non-Federal Funds	Additional Information
2014	606717	SOUTHEASTERN MASSACHUSETT		FALL RIVER- BICYCLE PATH CONSTRUCTION, FROM BRAYTON AVENUE TO PLYMOUTH AVENUE	5	CMAQ	\$1,400,000	\$1,120,000	\$280,000	Total Cost = \$1,400,000; Construction; EC Score 34 Of 93; Status Pre 25% Eligible for CMAQ
2014	605668	SOUTHEASTERN MASSACHUSETT		RAYNHAM- SIGNAL AND INTERSECTION IMPROVEMENT @ ROUTE 44 (NEW STATE HIGHWAY), ORCHARD STREET AND ROUTE 24 NB - OFF RAMP	5	CMAQ	\$2,041,202	\$1,632,962	\$408,240	Funding CMAQ (\$2,041,202) / Statewide HSIP (\$1,000,000) Total Cost = \$3,041,202; Construction; EC Score 58 Of 93; Status 75% Eligible for HSIP & CMAQ
<b>► CMAQ&gt;FTA</b>							<b>CMAQ Subtotal</b>	\$43,396,238	\$10,849,060	
2014	0	CAPE COD	MULTIPLE	CCNS- NEW TRANSIT SERVICE DEMONSTRATION OUTER CAPE BIKE SHUTTLE	5	CMAQ>FTA	\$84,240	\$84,240	\$0	Transfer to FTA for CCNS, \$84,240 CMAQ with \$16,848 NPS match for a total project cost of \$101,088. (100% federal funds) Year 2 of 3, 100% design
2014	0	CAPE COD	MULTIPLE	CCRTA - NEW TRANSIT SERVICE DEMONSTRATION BOURNE TO FALMOUTH (\$185,955 TOTAL)	5	CMAQ>FTA	\$148,764	\$148,764	\$0	\$148,764 TRANSFER TO FTA, CMAQ Year 3 out of 3 (\$148,764 CMAQ with \$37,191 CCRTA match for \$185,955 Total cost) 100% design
2014	0	CAPE COD	MULTIPLE	CCRTA - NEW TRANSIT SERVICE DEMONSTRATION BOURNE TO SANDWICH (\$187,360 TOTAL)	5	CMAQ>FTA	\$149,888	\$149,888	\$0	\$149,888 TRANSFER TO FTA, CMAQ Year 3 out of 3 (\$149,888 CMAQ with \$37,472 CCRTA match for \$187,360 Total cost) 100% design
<b>► CMAQ&gt;AC</b>							<b>CMAQ&gt;FTA Subtotal</b>	\$382,892	\$0	
2014	603460	MARTHA'S VINEYARD COMMISSION		WEST TISBURY- INTERSECTION IMPROVEMENTS AT STATE ROAD (VINEYARD HAVEN ROAD) AND OLD COUNTY ROAD	5	CMAQ>AC	\$147,235	\$117,788	\$29,447	Design Concept approved by WT BOS. DS In-House; 25% design submitted June 2013. Total estimated project cost is \$350,000; programmed in STP, HSIP and CMAQ.
2014	605181	MERRIMACK VALLEY		METHUEN- INTERCHANGE RECONSTRUCTION ON I-93 AT ROUTE 110/113 ROTARY, INCLUDING REMOVAL OF M-17-017 & M-17-018, REHAB OF M-17-007 & NEW BRIDGE CONSTRUCTION OF M-17-040	4	CMAQ>AC	\$783,524	\$626,819	\$156,705	AC YR 2 of 4. Total Project Cost = \$77,236,601 = FY 2013, 2014, 2015 Regional Major Infrastructure (CMAQ) & Statewide TEIP FY 2016 Regional Major Infrastructure (CMAQ) + FY 2013 RIPP #2434 (2005) + 2013 IM (2010 Discretionary) + FY 2013 STP & HSIP + FY Total cost is approximately \$1,050,29. The project is also using STP-AC funding (see above).
2014	606433	NANTUCKET		NANTUCKET- CONSTRUCTION OF IN TOWN SHARED USE PATH (WASHINGTON STREET TO ORANGE STREET)	5	CMAQ>AC	\$104,490	\$83,592	\$20,898	



2014

YR	MassDOT Project ID	MPO	Municipality Name	MassDOT Project Description	District	Funding Source	Total Programmed Funds	Federal Funds	Non-Federal Funds	Additional Information
<b>► HSIP-AC</b>										
2014	602984	BOSTON REGION	CONCORD	CONCORD- LINCOLN- LIMITED ACCESS HIGHWAY IMPROVEMENTS AT ROUTE 2 & 2A, BETWEEN CROSBY'S CORNER & BEDFORD ROAD, INCLUDES C-19-024	4	HSIP-AC	\$5,399,747	\$4,859,772	\$539,975	AC Yr 4 of 4; STP+HSIP+CMAQ Total Cost = \$61,723,980 (\$5,399,747 programmed within FFYs 2014-17 TIP)
2014	603460	MARTHA'S VINEYARD COMMISSION	WEST TISBURY	WEST TISBURY- INTERSECTION IMPROVEMENTS AT STATE ROAD (VINEYARD HAVEN ROAD) AND OLD COUNTY ROAD	5	HSIP-AC	\$42,621	\$38,359	\$4,262	Design Concept approved by WT BOS. D5 In-House, 25% design submitted June 2013. Total estimated project cost is \$350,000; programmed in STP, HSIP and CMAQ.
2014	605181	MERRIMACK VALLEY	METHUEN	METHUEN- INTERCHANGE RECONSTRUCTION ON I-93 AT ROUTE 110/113 ROTARY, INCLUDING REMOVAL OF M-17-017 & M-17-018, REHAB OF M-17-007 & NEW BRIDGE CONSTRUCTION OF M-17-040	4	HSIP-AC	\$609,064	\$548,158	\$60,906	AC YR 2 of 4. Total Project Cost = \$77,236,601 = FY 2013, 2014, 2015 Regional Major Infrastructure (CMAQ) & Statewide TEBB FY 2016 Regional Major Infrastructure (CMAQ) + FY 2013 RPP #2434 (2005) + 2013 IM (2010 Discretionary)+ FY 2013 STP & HSIP + FY
<b>► NHPP-AC</b>										
2014	603711	BOSTON REGION	NEEDHAM	NEEDHAM- WELLESLEY- REHAB/REPLACEMENT OF 6 BRIDGES ON I-95/ROUTE 128: N-04-020, N-04-021, N-04-022, N-04-026, N-04-027 & W-13-023 (ADD-A-LANE - CONTRACT V)	6	NHPP-AC	\$27,830,281	\$22,264,225	\$5,566,056	AC Yr 2 of 5; NHPP+BR+Statewide Infrastructure Total Cost = \$151,333,710 (\$122,291,802 programmed within FFYs 2014-17 TIP)
<b>► STP</b>										
2014	601320	BERKSHIRE	Lee	LEE- RECONSTRUCTION OF TYRINGHAM ROAD, FROM THE TYRINGHAM T.L. TO ROUTE 102 (2.0 MILES)	1	STP	\$4,361,380	\$3,489,104	\$872,276	AC - Year 2 of 3; Total Project Cost = 5,900,000; MPO evaluation score 3 of 7; Design Status: 100%
2014	600220	BOSTON REGION	BEVERLY	BEVERLY- RECONSTRUCTION & SIGNAL IMPROVEMENTS ON RANTOUL STREET (ROUTE 1A) FROM CABOT STREET (SOUTH) TO CABOT STREET (NORTH)	4	STP	\$3,748,818	\$2,999,054	\$749,764	STP+CMAQ Total Cost = \$15,748,818
2014	602602	BOSTON REGION	HANOVER	HANOVER- RECONSTRUCTION OF WASHINGTON STREET (ROUTE 53) AND RELATED WORK FROM THE ROUTE 3 NORTHBOUND RAMP TO WEBSTER STREET (ROUTE 123)	4	STP	\$1,170,881	\$936,705	\$234,176	
2014	601705	BOSTON REGION	READING	READING- RECONSTRUCTION OF WEST STREET, FROM WOBURN CITY LINE TO SUMMER AVE/WILLOW STREET	4	STP	\$8,090,698	\$6,472,558	\$1,618,140	
2014	605146	BOSTON REGION	SALEM	SALEM- RECONSTRUCTION ON CANAL STREET, FROM WASHINGTON STREET & MILL STREET TO LORING AVENUE & JEFFERSON AVENUE	4	STP	\$2,574,201	\$2,059,361	\$514,840	STP+HSIP+CMAQ Total Cost = \$6,574,201
2014	604227	CENTRAL MASSACHUSETT	BARRE	BARRE - TOWN COMMON IMPROVEMENTS	2	STP	\$2,339,000	\$1,871,200	\$467,800	Construction / TEC Score = 6.0 / Design Status = 25% / Total Project Cost = \$2,339,000
2014	605390	CENTRAL MASSACHUSETT	DUDLEY	DUDLEY - RESURFACING & RELATED WORK ON CENTER ROAD, FROM DUDLEY HILL ROAD TO 1200' WEST OF HEALY ROAD	3	STP	\$3,362,000	\$2,689,600	\$672,400	Construction / TEC Score = 6.23 / Design Status = 25% / STP + TAP Total Project Cost = \$3,788,039



YR	MassDOT Project ID	MPO	Municipality Name	MassDOT Project Description	District	Funding Source	Total Programmed Funds	Federal Funds	Non-Federal Funds	Additional Information
<p><b>TAP</b></p> <p><b>STP-AC Subtotal</b> ▲ \$3,820,566 \$3,056,452 \$764,114</p>										
2014	604761	BOSTON REGION	BOSTON	BOSTON- MULTI-USE TRAIL CONSTRUCTION (SOUTH BAY HARBOR) FROM RUGGLES STATION TO FAN PIER	6	TAP	\$2,548,719	\$2,038,975	\$509,744	Construction; CMAQ+TAP Total Cost = \$4,197,981, TAP pending application approval
2014	604488	CAPE COD	DENNIS	DENNIS- YARMOUTH- CAPE COD RAIL TRAIL EXTENSION	5	TAP	\$178,764	\$143,011	\$35,753	TOTAL FUNDED \$9,508,979 (\$7,234,135 in 2014 CMAQ + \$178,764 in 2014 TAP + \$2,096,080 for Bass River Bridge portion in 2015 [TI 173 MA 209]), 25% Design estimate adjusted to 2014 = \$9,694,773, project scope may need to be adjusted
2014	605390	CENTRAL MASSACHUSETT	DUDLEY	DUDLEY - RESURFACING & RELATED WORK ON CENTER ROAD, FROM DUDLEY HILL ROAD TO 1200' WEST OF HEALY ROAD	3	TAP	\$426,039	\$340,831	\$85,208	Construction / TEC Score = 6.23 / Design Status = 25% / STP + TAP Total Project Cost = \$3,788,039
2014	606669	MERRIMACK VALLEY	AMESBURY	AMESBURY- POWWOW RIVERWALK CONSTRUCTION, FROM MAIN STREET TO WATER STREET, INCLUDES PED BRIDGE A-07-034 (PHASE I)	4	TAP	\$305,423	\$244,338	\$61,085	Total Project Cost = \$2,104,684 FY 2014 CMAQ + FY 2014 TAP (Construction) TEC = 5.47 out of 18. (C)
2014	604964	NORTHERN MIDDLESEX	LOWELL	LOWELL- SIGNAL & INTERSECTION IMPROVEMENTS AT VFW HIGHWAY, BRIDGE STREET & LAKEVIEW AVENUE	4	TAP	\$245,303	\$196,242	\$49,061	Total project cost \$2,160,500 (HSIP: \$17,647; CMAQ: \$816,740, TAP: \$245,303, Statewide HSIP: \$1,080,018)
2014	601644	OLD COLONY	BROCKTON	BROCKTON- RESURFACING & RELATED WORK ON WEST ELM STREET, FROM WARREN AVENUE TO WEST STREET (6,800 FT)	5	TAP	\$300,009	\$240,007	\$60,002	75% Design; Total Cost YOY is \$4,875,094; Funded by STP, CMAQ, HSIP, and TAP
2014	604433	PIONEER VALLEY	BELCHERTOWN	BELCHERTOWN- PAVEMENT REHABILITATION & RELATED WORK ON ROUTE 181, FROM MAPLE ST TO BELCHERTOWN/PALMER TOWN LINE (5.5 MILES)	8	TAP	\$473,939	\$379,151	\$94,788	7.73 TEC 100% (\$9,189,371)
2014	606007	SOUTHEASTERN MASSACHUSETT		CARVER - RTE 58 IMPROVEMENTS & RECONSTRUCTION	5	TAP	\$428,067	\$342,454	\$85,613	STP (\$4,302,579) / TAP (\$428,067) Total Cost = \$4,730,646; Construction; EC Score 28 Of 93; Status 75%
<p><b>TAP Subtotal</b> ▲ \$4,906,263 \$3,925,009 \$981,254</p> <p><b>SECTION 1A / FEDERAL AID TARGET PROJECTS TOTALS</b> ▲ \$170,786,801 \$138,385,881 \$32,400,920</p>										

**SECTION 1B / FEDERAL AID BRIDGE PROJECTS**

YR	MassDOT Project ID	MPO	Municipality Name	MassDOT Project Description	District	Funding Source	Total Programmed Funds	Federal Funds	Non-Federal Funds	Additional Information
<p><b>BR</b></p> <p><b>BR Subtotal</b> ▲ \$478,561 \$382,849 \$95,712</p>										
2014	607469	BERKSHIRE	Sandisfield	SANDISFIELD- BRIDGE MAINTENANCE, S-03-033, ROUTE 8 (S.MAIN ST.) OVER W. BRANCH FARMINGTON RIVER	1	BR	\$478,561	\$382,849	\$95,712	Design Status: <25%



YR	MassDOT Project ID	MPO	Municipality Name	MassDOT Project Description	District	Funding Source	Total Programmed Funds	Federal Funds	Non-Federal Funds	Additional Information
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**SECTION 1B / FEDERAL AID BRIDGE PROJECTS TOTALS**

\$98,197,264

\$78,557,811

\$19,639,453

**SECTION 1C / FEDERAL AID NON-TARGET PROJECTS**

**\$ 115 (2004)**

2014	607253	FRANKLIN	MULTIPLE	Conn. River Scenic Byway Erving Streetscape Project Construction	2	\$ 115 (2004)	\$359,000	\$359,000	\$0	2004 Earmark - 100% Federal.
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**\$ 125 (2009)**

2014	605649	CENTRAL MASSACHUSETT	WORCESTER	WORCESTER - SIDEWALK CONSTRUCTION ON MCKEON ROAD	3	\$ 125 (2009)	\$1,095,000	\$1,095,000	\$0	Construction / MA241 & MA251 / Design Status = 100% / Total Project Cost = \$1,095,000
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**HPP (1998)**

2014	606233	BERKSHIRE	Pittsfield	PITTSFIELD- INTERSECTION & SIGNAL IMPROVEMENTS AT FIRST STREET & NORTH STREET (NEAR BERKSHIRE MEDICAL CENTER); ENGINEERING DESIGN	1	HPP (1998)	\$884,370	\$707,496	\$176,874	Design; TEA-21, HPP 414 MA020 HP-001S for Environmental Studies, Preliminary Engineering and Design of North-South Connector in Pittsfield to improve access to I-90 - \$1,537,649
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**HPP (2005)**

2014	604531	BOSTON REGION	ACTON	ACTON- MAYNARD- ASSABET RIVER RAIL TRAIL CONSTRUCTION, INCLUDES 4 BRIDGES	3	HPP (2005)	\$769,314	\$615,451	\$153,863	Design; HPP 1761; Local Match
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2014	601553	BOSTON REGION	MELROSE	MELROSE- INTERSECTION & SIGNAL IMPROVEMENT TO LEBANON STREET, FROM LYNDE STREET TO MAIN STREET	4	HPP (2005)	\$629,930	\$503,944	\$125,986	Construction; HPP 1604; CMAQ-SAFETEA-LU Earmark Total Cost = \$5,034,960
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2014	606889	BOSTON REGION	BOSTON	BOSTON- IMPROVEMENTS ALONG GAINSBOROUGH AND ST. BOTOLPH STREETS	6	HPP (2005)	\$1,012,389	\$809,911	\$202,478	Construction; HPP 2012; SAFETEA-LU Earmark + HPP TI 180 Earmark Total Cost = \$3,518,243
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2014	604696	FRANKLIN	MONTAGUE	MONTAGUE- REHABILITATION OF HATCHERY ROAD & GREENFIELD ROAD PEDESTRIAN BRIDGE, I-28-009, FROM GREENFIELD ROAD NORTHEASTERLY TO THE INTERSECTION OF TURNERS FALLS RD (.41 MILES)	2	HPP (2005)	\$1,249,448	\$899,901	\$349,547	Earmark 2820-MA-172. Total project cost estimate is \$3,300,745. It is using a combination of STP, CMAQ, and HPP earmark. Design is at 25%
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<b>HPP (2005) Subtotal</b>							\$3,661,081	\$2,829,207	\$831,874	
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**NHPP / IM**

2014	606172	SOUTHEASTERN MASSACHUSETT		NEW BEDFORD- FAIRHAVEN- INTERSTATE MAINTENANCE & RELATED WORK ON I-195	5	NHPP / IM	\$9,912,000	\$8,920,800	\$991,200	
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<b>NHPP / IM Subtotal</b>							\$9,912,000	\$8,920,800	\$991,200	
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YR	MassDOT Project ID	MPO	Municipality Name	MassDOT Project Description	District	Funding Source	Total Programmed Funds	Federal Funds	Non-Federal Funds	Additional Information
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SECTION 1D / FEDERAL AID MAJOR & STATE CATEGORY PROJECTS

▶ <b>A/C</b>										
2014	605833	PIONEER VALLEY	WEST SPRINGFIELD	WEST SPRINGFIELD- HOLYOKE- EASTHAMPTON- NORTHAMPTON- HATFIELD- WHATLEY- DEERFIELD- GREENFIELD- BERNARDSTON- GUIDE & TRAFFIC SIGN REPLACEMENT ON I-91	2	A/C	\$3,111,000	\$2,488,800	\$622,200	Statewide HSIP 75% (\$3,111,000)
							<b>A/C Subtotal</b>	\$3,111,000	\$2,488,800	\$622,200
▶ <b>IM</b>										
2014	606171	BOSTON REGION	SHARON	SHARON- WALPOLE - INTERSTATE MAINTENANCE & RELATED WORK ON I-95	5	IM	\$9,912,000	\$8,920,800	\$991,200	
2014	606173	FRANKLIN	BERNARDSTON	BERNARDSTON- INTERSTATE MAINTENANCE & RELATED WORK ON I-91	2	IM	\$6,372,000	\$5,734,800	\$637,200	
2014	606174	NORTHERN MIDDLESEX	CHELMSFORD	CHELMSFORD - INTERSTATE MAINTENANCE AND RELATED WORK ON I-495	4	IM	\$12,489,120	\$11,240,208	\$1,248,912	Total project cost estimate \$12,489,120
2014	606582	PIONEER VALLEY	EASTHAMPTON	EASTHAMPTON- NORTHAMPTON- INTERSTATE MAINTENANCE & RELATED WORK ON I-91 FROM MM 21.2 TO MM 26.9 IN BOTH DIRECTIONS (6.1 MILES)	2	IM	\$13,334,000	\$12,000,600	\$1,333,400	25/75% (\$13,334,000)
							<b>IM Subtotal</b>	\$42,107,120	\$37,896,408	\$4,210,712
▶ <b>NHPP</b>										
2014	607472	BOSTON REGION	BURLINGTON	BURLINGTON- CHELMSFORD- VARIOUS LOCATION PAVEMENT PRESERVATION ON ROUTE 3	4	NHPP	\$4,446,000	\$3,556,800	\$889,200	
2014	606639	BOSTON REGION	WEYMOUTH	WEYMOUTH- BRAintree- QUINCY - RESURFACING & RELATED WORK ON ROUTE 3	6	NHPP	\$9,912,000	\$7,929,600	\$1,982,400	
2014	606178	CAPE COD	BOURNE	BOURNE- RESURFACING & SAFETY UPGRADING ON ROUTE 28 (GENERAL MACARTHUR BOULEVARD)	5	NHPP	\$7,787,520	\$6,230,016	\$1,557,504	CONSTRUCTION Total cost \$8,417,977 (\$7,787,520 NHPP + \$630,457 HISP)
2014	605582	PIONEER VALLEY	CUMMINGTON	CUMMINGTON- RESURFACING & RELATED WORK ON ROUTE 9, FROM WINDSOR T.L. TO GOSHEN T.L.	1	NHPP	\$8,395,682	\$6,716,546	\$1,679,136	P.S. & E June 2013 (\$8,395,682)
							<b>NHPP Subtotal</b>	\$30,541,202	\$24,432,962	\$6,108,240
▶ <b>NHS</b>										
2014	605610	CENTRAL MASSACHUSETT	NORTHBOROUGH	NORTHBOROUGH - RESURFACING & RELATED WORK ON ROUTE 20, FROM 100 FEET SOUTH OF DAVIS STREET TO BERKLEY ROAD	3	NHS	\$4,260,000	\$3,408,000	\$852,000	Construction / Design Status = Pre 25% / Total Project Cost = \$4,260,000
2014	607172	CENTRAL MASSACHUSETT	WESTBOROUGH	WESTBOROUGH - SOUTHBOROUGH - RESURFACING AND RELATED WORK ON ROUTE 9	3	NHS	\$7,646,400	\$6,117,120	\$1,529,280	Construction / Design Status = TBD / Total Project Cost = \$7,646,400
							<b>NHS Subtotal</b>	\$11,906,400	\$9,525,120	\$2,381,280
▶ <b>OTHER</b>										
2014	0	BOSTON REGION	MULTIPLE	CENTRAL ARTERY/TUNNEL PROJECT- STATE TRANSPORTATION PROGRAM	8	OTHER	\$20,000,000	\$0	\$0	Last year of GANs payments for CA/T project





YR	MassDOT Project ID	MPO	Municipality Name	MassDOT Project Description	District	Funding Source	Total Programmed Funds	Federal Funds	Non-Federal Funds	Additional Information
<b>STATEWIDE STP-TE</b>										
2014	605720	MERRIMACK VALLEY	HAVERHILL	HAVERHILL- RIVERWALK CONSTRUCTION (BRADFORD SECTION) FROM ROUTE 125 TO COUNTY ROAD	4	STATEWIDE STP-TE	\$2,410,718	\$1,928,574	\$482,144	(Construction) TEC = 5.32 out of 18. (C)
<b>STATEWIDE STP-TE Subtotal</b>							\$2,410,718	\$1,928,574	\$482,144	
<b>STATEWIDE STP-TE-AC</b>										
2014	605181	MERRIMACK VALLEY	METHUEN	METHUEN- INTERCHANGE RECONSTRUCTION ON I-93 AT ROUTE 110/113 ROTARY, INCLUDING REMOVAL OF M-17-017 & M-17-018, REHAB OF M-17-007 & NEW BRIDGE CONSTRUCTION OF M-17-040	4	STATEWIDE STP-TE-AC	\$458,334	\$366,667	\$91,667	AC YR 2 of 4. Total Project Cost = \$77,236,601 = FY 2013, 2014, 2015 Regional Major Infrastructure (CMAQ) & Statewide TE FY 2016 Regional Major Infrastructure (CMAQ) + FY 2013 #2434 (2005) + 2013 IM (2010 Discretionary)+ FY 2013 TP & HSP + FY
<b>STATEWIDE STP-TE-AC Subtotal</b>							\$458,334	\$366,667	\$91,667	
<b>STATEWIDE TAP</b>										
2014	605144	PIONEER VALLEY	AMHERST	AMHERST- HADLEY- NORTHAMPTON- SOUTHAMPTON- WEST BROOKFIELD- SIDEWALK & WHEELCHAIR RAMP CONSTRUCTION ON ROUTES 5, 9, & 10	2	STATEWIDE TAP	\$2,082,538	\$1,666,030	\$416,508	SW-TAP 25% (\$2,082,538)
2014	607452	PIONEER VALLEY	SPRINGFIELD	SPRINGFIELD - SAFE ROUTES TO SCHOOL - ALICE BEAL SCHOOL	2	STATEWIDE TAP	\$388,750	\$311,000	\$77,750	SW-TAP Pre 25% (\$388,750)
<b>STATEWIDE TAP Subtotal</b>							\$2,471,288	\$1,977,030	\$494,258	
<b>STATEWIDE TE</b>										
2014	604532	BOSTON REGION	ACTION	ACTION- CARLISLE- WESTFORD- BRUCE FREEMAN RAIL TRAIL (PHASE II-A)	3	STATEWIDE TE	\$8,788,000	\$7,030,400	\$1,757,600	Statewide TE+Statewide CMAQ Total Cost = \$11,088,000
<b>STATEWIDE TE Subtotal</b>							\$8,788,000	\$7,030,400	\$1,757,600	
<b>STP-FLEX</b>										
2014	606212	CENTRAL MASSACHUSETTS	WORCESTER	WORCESTER - MARLBOROUGH -GUIDE & TRAFFIC SIGN REPLACEMENT & RELATED WORK AT I-290 & ROUTE 85 CONNECTOR	3	STP-FLEX	\$3,508,942	\$2,807,154	\$701,788	Construction / Design Status = TBD / Total Project Cost = \$3,508,942
<b>STP-FLEX Subtotal</b>							\$3,508,942	\$2,807,154	\$701,788	
<b>SECTION 1D / FEDERAL AID MAJOR &amp; STATE CATEGORY PROJECTS TOTALS</b>							\$274,461,648	\$125,508,029	\$26,113,619	



YR	MassDOT Project ID	MPO	Municipality Name	MassDOT Project Description	District	Funding Source	Total Programmed Funds	Federal Funds	Non-Federal Funds	Additional Information
<b>▶ ABP-GANS</b>										
2014	604660	BOSTON REGION	EVERETT	EVERETT- MEDFORD- BRIDGE REPLACEMENTS, REVERE BEACH PARKWAY (ROUTE 16), E-12-004=M-12-018 OVER THE MALDEN RIVER (WOODS MEMORIAL BRIDGE) & M-12-017 OVER MBTA AND RIVERS EDGE DRIVE	4	ABP-GANS	\$81,695,030	\$0	\$81,695,030	
2014	603690	CAPE COD	CHATHAM	CHATHAM- BRIDGE REPLACEMENT, C-07-01, BRIDGE STREET OVER THE MITCHELL RIVER	5	ABP-GANS	\$14,400,000	\$0	\$14,400,000	Total cost \$14,400,000 25%
<b>ABP-GANS Subtotal</b>							\$96,095,030	\$0	\$96,095,030	
<b>SECTION 2B / NON-FEDERAL BRIDGE PROJECTS TOTALS</b>							\$107,425,384	\$0	\$107,425,384	
<b>▶ STATEWIDE BRIDGE REPL. / REHAB PROGRAM</b>										
<b>▶ BR-OFF System</b>										
2014	604429	STATEWIDE	STATEWIDE	PELHAM- BRIDGE REPLACEMENTS, P-04-006, MEETINGHOUSE ROAD OVER AMETHYST BROOK & P-04-007, MEETINGHOUSE ROAD OVER HARRIS BROOK	NA	BR-OFF System	\$1,846,800	\$1,846,800	\$0	
2014	605935	STATEWIDE	STATEWIDE	WILLIAMSTOWN- BRIDGE REPLACEMENT, W-37-009, HOPPER ROAD OVER GREEN RIVER	NA	BR-OFF System	\$3,348,000	\$3,348,000	\$0	
2014	607114	STATEWIDE	STATEWIDE	LANCASTER- FULL BRIDGE REPLACEMENT, L-02-018, JACKSON ROAD OVER ROUTE 2	NA	BR-OFF System	\$4,144,608	\$4,144,608	\$0	
2014	606706	STATEWIDE	STATEWIDE	PITTSFIELD- BRIDGE REPLACEMENT, P-10-010, WOODLAWN AVE OVER CSX RR	NA	BR-OFF System	\$4,594,259	\$4,594,259	\$0	
<b>BR-OFF SYSTEM Subtotal</b>							\$13,933,667	\$13,933,667	\$0	
<b>▶ BR-ON System</b>										
2014	605895	STATEWIDE	STATEWIDE	BELLINGHAM- BRIDGE DEMOLITION, B-06-011, ROUTE 126 OVER CSX RAILROAD (ABANDONED) & INSTALLATION OF BIKE PATH CULVERT	NA	BR-ON System	\$1,705,200	\$1,705,200	\$0	
2014	604428	STATEWIDE	STATEWIDE	CHELSEA- BRIDGE REPLACEMENT, C-09-001, WASHINGTON AVENUE OVER THE MBTA AND B&M RAILROAD	NA	BR-ON System	\$4,581,284	\$4,581,284	\$0	
2014	604796	STATEWIDE	STATEWIDE	DEDHAM- BRIDGE REPLACEMENT, D-05-033, PROVIDENCE HIGHWAY OVER MOTHER BROOK	NA	BR-ON System	\$5,859,000	\$5,859,000	\$0	
2014	607338	STATEWIDE	STATEWIDE	GLOUCESTER- BRIDGE PRESERVATION, G-05-017, ROUTE 128 OVER ANNISQUAM RIVER (PHASE II)	NA	BR-ON System	\$8,450,000	\$8,450,000	\$0	
2014	603711	STATEWIDE	STATEWIDE	NEEDHAM- WELLESLEY- REHAB/REPLACEMENT OF 6 BRIDGES ON I-95/ROUTE 128: N-04-020, N-04-021, N-04-022, N-04-026, N-04-027, N-04-037 & W-13-023 (ADD-A-LANE - CONTRACT V)	NA	BR-ON System	\$8,500,000	\$8,500,000	\$0	
2014	604029	STATEWIDE	STATEWIDE	OAK BLUFFS- TISBURY- BRIDGE REPLACEMENT, O-01-001=T-04-001, BEACH ROAD OVER LAGOON POND DRAWBRIDGE	NA	BR-ON System	\$10,000,000	\$10,000,000	\$0	
2014	600703	STATEWIDE	STATEWIDE	LEXINGTON- BRIDGE REPLACEMENT, L-10-009, ROUTE 2 (EB & WB) OVER ROUTE I-95 (ROUTE 128)	NA	BR-ON System	\$15,000,000	\$15,000,000	\$0	
2014	605223	STATEWIDE	STATEWIDE	FALL RIVER- INTERCHANGE IMPROVEMENTS AT ROUTE I-195/ROUTE 79/ROUTE 138 INCLUDING BRAGA BRIDGE PHASE 2 CLEANING/PAINTING AND STRUCTURAL REPAIRS	NA	BR-ON System	\$31,075,000	\$31,075,000	\$0	



YR	MassDOT Project ID	MPO	Municipality Name	MassDOT Project Description	District	Funding Source	Total Programmed Funds	Federal Funds	Non-Federal Funds	Additional Information
2014	605906	STATEWIDE	STATEWIDE	District 5- Median Delineation Replacement On Route 6, From Dennis T.L. To Orleans T.L.	NA	HSIP	\$1,000,000	\$1,000,000	\$0	
2014	606733	STATEWIDE	STATEWIDE	Atleboro- Ramp Reconstruction And Realignment From Route I-95 Sb To Route I-295 Sb	NA	HSIP	\$1,000,000	\$1,000,000	\$0	
2014	607071	STATEWIDE	STATEWIDE	Statewide- Implementation (Phase II) Of The Flashing Yellow Arrow At Signalized Intersections--One Of The FHWA Nine Proven Countermeasures	NA	HSIP	\$2,000,000	\$2,000,000	\$0	
2014	605833	STATEWIDE	STATEWIDE	West Springfield to Bernardston - Traffic Sign Replacement on Interstate 91 (AC YR 1 of 2)	NA	HSIP	\$3,111,000	\$3,111,000	\$0	
2014	607491	STATEWIDE	STATEWIDE	Statewide- Various Safety Strategies To Be Determined Based On 2013 SHSP And Updates	NA	HSIP	\$6,000,000	\$6,000,000	\$0	
<b>HSIP Subtotal</b>							\$15,111,000	\$15,111,000	\$0	
<b>STATEWIDE HSIP PROGRAM TOTALS</b>							\$15,111,000	\$15,111,000	\$0	

**STATEWIDE INTERSTATE MAINTENANCE PROGRAM**

<b>NHPP</b>										
2014	606173	STATEWIDE	STATEWIDE	BERNARDSTON - INTERSTATE MAINTENANCE RESURFACING AND RELATED WORK	NA	NHPP	\$6,372,000	\$6,372,000	\$0	
2014	606171	STATEWIDE	STATEWIDE	SHARON WALPOLE - INTERSTATE RESURFACING AND RELATED WORK ON I-95	NA	NHPP	\$9,912,000	\$9,912,000	\$0	
2014	606172	STATEWIDE	STATEWIDE	NEW BEDFORD - FAIRHAVEN - INTERSTATE MAINTENANCE RESURFACING AND RELATED WORK ON I-195	NA	NHPP	\$9,912,000	\$9,912,000	\$0	
2014	606174	STATEWIDE	STATEWIDE	CHELMSFORD - INTERSTATE MAINTENANCE RESURFACING AND RELATED WORK	NA	NHPP	\$12,489,120	\$12,489,120	\$0	
2014	606582	STATEWIDE	STATEWIDE	EASTHAMPTON NORTHAMPTON - INTERSTATE MAINTENANCE AND RELATED WORK ON I-91	NA	NHPP	\$13,334,000	\$13,334,000	\$0	
<b>NHPP Subtotal</b>							\$52,019,120	\$52,019,120	\$0	
<b>STATEWIDE INTERSTATE MAINTENANCE PROGRAM TOTALS</b>							\$52,019,120	\$52,019,120	\$0	

**STATEWIDE ITS**

<b>CMAQ</b>										
2014	606432	STATEWIDE	STATEWIDE	Statewide- I-95 ITS and Fiber-Optic expansion - Burlington to Woburn	NA	CMAQ	\$5,000,000	\$5,000,000	\$0	
2014	607422	STATEWIDE	STATEWIDE	Statewide- Real Time Traffic Monitoring (RTTM) System (AC Year 1 of 2)	NA	CMAQ	\$7,000,000	\$7,000,000	\$0	
<b>CMAQ Subtotal</b>							\$12,000,000	\$12,000,000	\$0	
<b>STP-Flex</b>										
2014	606916	STATEWIDE	STATEWIDE	HOC Operating and Maintenance Expenses	NA	STP-Flex	\$520,000	\$520,000	\$0	



2014

YR	MassDOT Project ID	MPO	Municipality Name	MassDOT Project Description	District	Funding Source	Total Programmed Funds	Federal Funds	Non-Federal Funds	Additional Information
2014	604532	STATEWIDE	ACTION	Acton- Carlisle- Westford- Bruce Freeman Rail Trail (Phase II-A)	3	STP-TE	\$11,090,000	\$8,872,000	\$2,218,000	Total Project Cost now \$11,090,008.75 Additional funds to cover cost overrun will be CMAQ
2014	606669	STATEWIDE	AMESBURY	Amesbury- Powwow Riverwalk Construction, From Main Street To Water Street; Includes Ped Bridge A-07-034 (Phase I)	4	STP-TE	\$1,058,089	\$846,471	\$211,618	Total Project Cost = \$1,800,000 in 2012 dollars, = 1,944,000 in 2014 dollars. BY 2014 CMAQ + FY 2014 TE (STP) (Construction) TEC = 5.42 out of 18. (C)
2014	605720	STATEWIDE	HAVERHILL	Haverhill- Riverwalk Construction (Bradford Section) From Route 125 To County Road	4	STP-TE	\$2,410,718	\$1,928,574	\$482,144	(Construction) TEC = 5.32 out of 18. (C)
<b>STP-TE -AC</b>							<b>STP-TE Subtotal</b>	<b>\$12,985,285</b>	<b>\$3,246,322</b>	
2014	605181	STATEWIDE	METHUEN	Methuen- Interchange Reconstruction On I-93 At Route 110/113 Rotary, Including Removal Of M-17-017 & M-17-018, Rehab Of M-17-007 & New Bridge Construction Of M-17-040	4	STP-TE-AC	\$458,334	\$366,667	\$91,667	Total Project Cost = \$59,892,000 FY 2013, 2014 & 2015 Statewide CMAQ & TE + 2013 HPP #2434 (2005) + 2013 IM (2010 Discretionary) + FY 2013 and FY 2015 STP, CMAQ & HSIP + FY 2014 STP + HSIP (Construction). TEC = 9.63 out of 18. (C)
<b>TAP</b>							<b>STP-TE -AC Subtotal</b>	<b>\$458,334</b>	<b>\$91,667</b>	
2014	607452	STATEWIDE	SPRINGFIELD	Springfield - Safe Routes To School (Alice Beal)	2	TAP	\$388,750	\$311,000	\$77,750	
2014	607447	STATEWIDE	MALDEN	Malden- Safe Routes To School (Beebe)	4	TAP	\$577,500	\$462,000	\$115,500	
2014	607441	STATEWIDE	MANCHESTER-BY-THE-SEA	Manchester- Safe Routes To School (Memorial Elementary)	5	TAP	\$625,000	\$500,000	\$125,000	
2014	607449	STATEWIDE	WESTWOOD	Westwood- Safe Routes To School (Downey Elementary)	6	TAP	\$686,250	\$549,000	\$137,250	
2014	0	STATEWIDE	STATEWIDE	SRTS - Planning & Design	NA	TAP	\$600,893	\$480,714	\$120,179	
<b>TAP Subtotal</b>							<b>\$2,878,393</b>	<b>\$2,302,714</b>	<b>\$575,679</b>	
<b>STATEWIDE SAFE ROUTES TO SCHOOLS PROGRAM TOTALS</b>							<b>\$20,392,941</b>	<b>\$16,479,273</b>	<b>\$3,913,668</b>	
<b>STATEWIDE STORMWATER RETROFITS</b>										
<b>STP-TE</b>							<b>STP-TE Subtotal</b>	<b>\$1,500,000</b>	<b>\$0</b>	
2014	606990	STATEWIDE	STATEWIDE	STATEWIDE- STORMWATER RETROFITS AT VARIOUS LOCATIONS (IM/NHS)	NA	STP-TE	\$1,500,000	\$1,500,000	\$0	
<b>STP-TE Subtotal</b>							<b>\$1,500,000</b>	<b>\$1,500,000</b>	<b>\$0</b>	
<b>STATEWIDE STORMWATER RETROFITS TOTALS</b>							<b>\$1,500,000</b>	<b>\$1,500,000</b>	<b>\$0</b>	



2014

YR	MassDOT Project ID	MPO	Municipality Name	MassDOT Project Description	District	Funding Source	Total Programmed Funds	Federal Funds	Non-Federal Funds	Additional Information
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**Total Federal Funds    Total Non-Federal Fund    Total Programmed Funds**

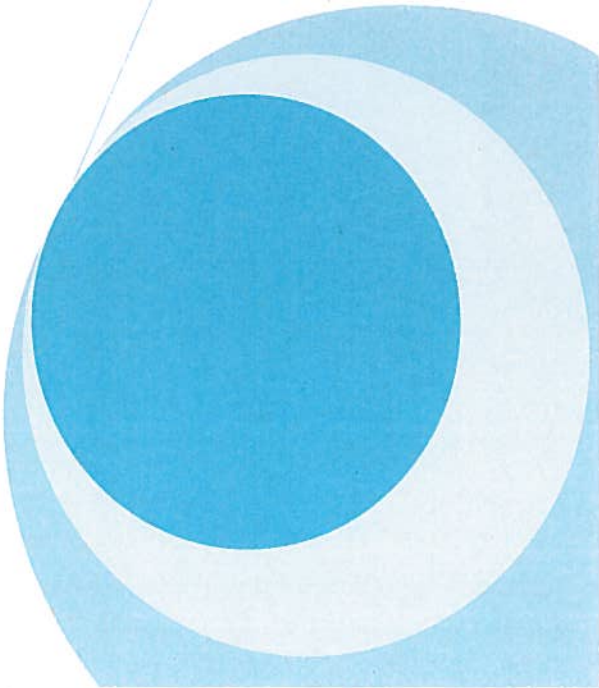
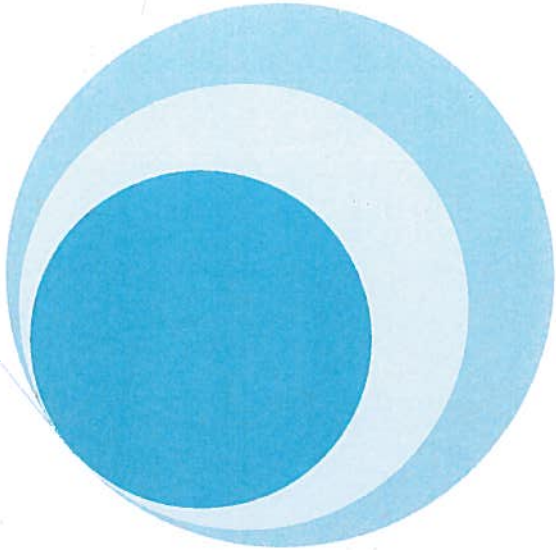
\$711,729,993.15

\$356,217,974.60

\$1,151,271,720.00



**Projects Funded with  
Federal Transit Funds**

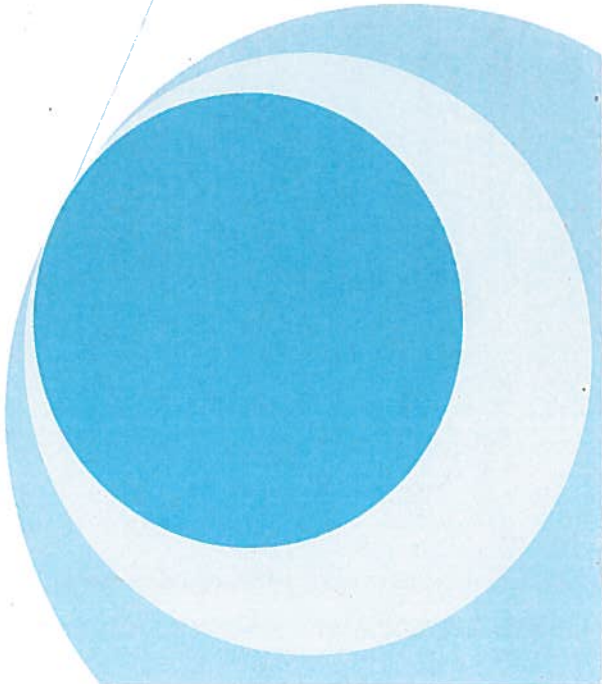
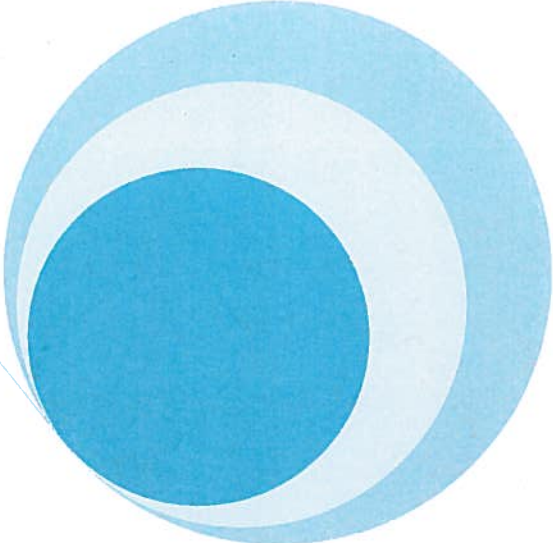








**Federal Fiscal Year  
2015**



STATE TRANSPORTATION IMPROVEMENT PROGRAM FOR FY YEAR = 2015

2015

YR	MassDOT Project ID	MPO	Municipality Name	MassDOT Project Description	District	Funding Source	Total Programmed Funds	Federal Funds	Non-Federal Funds	Additional Information
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FA BRIDGE PRESERVATION

2015	607510	STATEWIDE	SANDSFIELD	SANDSFIELD-SYSTEMATIC BRIDGE MAINTENANCE, S-03-033, ROUTE 8 (S. MAIN ST.) OVER W. BRANCH FARMINGTON RIVER (PHASE II)	NA	FA	\$309,920	\$298,000	\$0		
2015	607515	STATEWIDE	STATEWIDE	DISTRICT 2- SYSTEMATIC BRIDGE MAINTENANCE AT VARIOUS LOCATIONS (2015)	NA	FA	\$1,849,536	\$1,778,400	\$0		
2015	607497	STATEWIDE	STATEWIDE	DISTRICT 6- SYSTEMATIC BRIDGE MAINTENANCE ON I-93/IJ-1/ST 3	NA	FA	\$1,863,701	\$1,792,020	\$0		
2015	607509	STATEWIDE	STATEWIDE	BRIDGE CLEANING ALONG I-495, RTE. 25, RTE. 6 AND RTE. 28	NA	FA	\$1,899,976	\$1,826,900	\$0		
2015	607505	STATEWIDE	STATEWIDE	SUB-STRUCTURE REPAIRS ON I-93 AND I-495 CORRIDOR BRIDGES IN DISTRICT 4	NA	FA	\$2,469,792	\$2,374,800	\$0		
2015	607518	STATEWIDE	WORCESTER	Project Description (brief): WORCESTER-FEDERAL AID SYSTEMATIC MAINTENANCE; BRIDGE JOINTS, DECK REPAIRS, PRESSURE WASHING AND RELATED WORK; I 190 OVER RT. 12 AND RAMP B; BRIDGE NO. W-44-124 (LXF) NORTHBOND	NA	FA	\$1,521,624	\$1,463,100	\$0		
							<b>FA Subtotal</b>	\$9,914,549	\$9,533,220	\$0	
							<b>FA BRIDGE PRESERVATION TOTALS</b>	\$9,914,549	\$9,533,220	\$0	

SECTION 1A / FEDERAL AID TARGET PROJECTS

2015	606233	BERKSHIRE	Pittsfield	PITTSFIELD- INTERSECTION & SIGNAL IMPROVEMENTS AT FIRST STREET & NORTH STREET (NEAR BERKSHIRE MEDICAL CENTER)	1	CMAQ	\$1,334,867	\$1,067,894	\$266,973	AC - Year 1 of 2; STP + HSIP + CMAQ; Total Cost = 5,668,000; MPO evaluation score 6 of 7; Design Status: <25%; YOY 4%
2015	604810	BOSTON REGION	MARLBOROUGH	MARLBOROUGH- RECONSTRUCTION OF ROUTE 85 (MAPLE STREET)	3	CMAQ	\$2,000,000	\$1,600,000	\$400,000	HSIP+CMAQ Total Cost = \$5,190,122
2015	604652	BOSTON REGION	STONEHAM	STONEHAM- WINCHESTER- WOBURN- TRI-COMMUNITY BIKEWAY	4	CMAQ	\$2,880,391	\$2,304,313	\$576,078	CMAQ+TAP Total Cost = \$5,429,710
2015	606284	BOSTON REGION	BOSTON	BOSTON- IMPROVEMENTS TO COMMONWEALTH AVENUE, FROM AMORY STREET TO ALCORN STREET	6	CMAQ	\$5,000,000	\$4,000,000	\$1,000,000	STP+CMAQ+Earmarks (SAFETEA-LU, Section 125 and 129, STPP, TCSP) Total Cost = \$16,866,250
2015	605110	BOSTON REGION	BROOKLINE	BROOKLINE- INTERSECTION & SIGNAL IMPROVEMENTS @ ROUTE 9 & VILLAGE SQUARE (GATEWAY EAST)	6	CMAQ	\$4,375,970	\$3,500,776	\$875,194	CMAQ+ Private Sector Contribution (\$1,000,000) Total Cost = \$5,375,970



2015

YR	MassDOT Project ID	MPO	Municipality Name	MassDOT Project Description	District	Funding Source	Total Programmed Funds	Federal Funds	Non-Federal Funds	Additional Information
2015	605181	MERRIMACK VALLEY	METHUEN	METHUEN- INTERCHANGE RECONSTRUCTION ON I-93 AT ROUTE 110/113 ROTARY, INCLUDING REMOVAL OF M-17-017 & M-17-018, REHAB OF M-17-007 & NEW BRIDGE CONSTRUCTION OF M-17-040	4	CMAQ-AC	\$1,769,062	\$1,415,250	\$353,812	AC YR 3 of 4. Total Project Cost = \$77,236,601 = FY 2013, 2014, 2015 Regional Major Infrastructure (CMAQ) & Statewide TEFY FY 2016 Regional Major Infrastructure (CMAQ) + FY 2013 BPP #2434 (2005) + 2013 IM (2010 Discretionary)+ FY 2013 STP & HSIP + FY Total cost is approximately \$1,050,29. The project is also using STP-AC funding (see above).
2015	606433	NANTUCKET	NANTUCKET	NANTUCKET- CONSTRUCTION OF IN TOWN SHARED USE PATH (WASHINGTON STREET TO ORANGE STREET)	4	CMAQ-AC	\$82,492	\$65,994	\$16,498	AC Year 1 of 2. Total project cost at 100% design \$6,700,110 (Funding Sources - STP, CMAQ, TAP)
2015	601426	NORTHERN MIDDLESEX	BILLERICA	BILLERICA- RECONSTRUCTION OF ALLEN ROAD, FROM ROUTE 3A TO WEBB BROOK ROAD (5,400 FEET)	4	CMAQ-AC	\$1,789,585	\$1,431,668	\$357,917	100% Design; Total Cost YOE is \$8,973,660 ; Funded by STP and TAP; Advance Construction Phase 1 of 2
2015	604957	OLD COLONY	PEMBROKE	PEMBROKE- RECONSTRUCTION ON ROUTE 14, FROM THE HANSON T.L. TO WASHINGTON STREET (ROUTE 53)	5	CMAQ-AC	\$2,184,820	\$1,747,856	\$436,964	
						<b>CMAQ-AC Subtotal</b>	\$5,942,197	\$4,753,758	\$1,188,439	
										<b>HSIP</b>
2015	606233	BERKSHIRE	Pittsfield	PITTSFIELD- INTERSECTION & SIGNAL IMPROVEMENTS AT FIRST STREET & NORTH STREET (NEAR BERKSHIRE MEDICAL CENTER)	1	HSIP	\$395,516	\$355,964	\$39,552	HSIP-CMAQ Total Cost = \$5,190,122; HSIP pending Road Safety Audit
2015	604810	BOSTON REGION	MARLBOROUGH	MARLBOROUGH- RECONSTRUCTION OF ROUTE 85 (MAPLE STREET)	3	HSIP	\$3,190,122	\$2,871,110	\$319,012	CONSTRUCTION Total \$2,500,000, conceptual design and outreach, (4% inflation applied = \$2,600,000)
2015	606394	CAPE COD	BARNSTABLE	BARNSTABLE- INTERSECTION IMPROVEMENTS @ ROUTE 28 (FALMOUTH ROAD) & BEARSE'S WAY	5	HSIP	\$2,600,000	\$2,340,000	\$260,000	Construction / TEC Score = 7.9 / Design Status = 25% / HSIP-CMAQ Total Project Cost = \$4,940,000
2015	604864	CENTRAL MASSACHUSETT	WESTBOROUGH	WESTBOROUGH - INTERSECTION & SIGNAL IMPROVEMENTS AT ROUTE 9 & LYMAN STREET	3	HSIP	\$965,620	\$869,058	\$96,562	Road Safety Audit completed Nov. 2011. Total project cost estimate of \$245,187 inflated by 4% to \$254,995.
2015	607222	FRANKLIN	GREENFIELD	GREENFIELD, RT 5/10 DEERFIELD ST/CHEAPSIDE ST	2	HSIP	\$254,995	\$229,496	\$25,500	Total project cost FFY 2015 YOE \$2,745,600 (\$2,640,000) Funding Sources - HSIP: \$2,500,297; TAP: \$245,303
2015	606189	NORTHERN MIDDLESEX	LOWELL	LOWELL - IMPROVEMENTS ON ROUTE 38 AT FOUR INTERSECTIONS	4	HSIP	\$2,500,297	\$2,250,267	\$250,030	10.15 TEC 75% (YOE \$3,640,000)
2015	605213	PIONEER VALLEY	SPRINGFIELD	SPRINGFIELD- WILBRAHAM- RECONSTRUCTION OF BOSTON ROAD (ROUTE 20) - FROM PASCO RD IN SPRINGFIELD TO STONEY HILL ROAD IN WILBRAHAM (1.33 MILES)	2	HSIP	\$1,201,102	\$960,882	\$240,220	Total Cost = \$1,562,515; Construction; EC Score 36 Of 93; Status Pre 25%
2015	605372	SOUTHEASTERN MASSACHUSETT	NORTH ATTLEBOROUGH	NORTH ATTLEBOROUGH - EAST WASHINGTON ST / CHESTNUT ST	5	HSIP	\$1,562,515	\$1,250,012	\$312,503	Eligible for HSIP Funding



2015

YR	MassDOT Project ID	MPO	Municipality Name	MassDOT Project Description	District	Funding Source	Total Programmed Funds	Federal Funds	Non-Federal Funds	Additional Information
2015	601657	FRANKLIN	MONTAGUE	MONTAGUE- RECONSTRUCTION ON GREENFIELD ROAD, FROM 195' SOUTH OF SHERMAN DRIVE TO HATCHERY RD (2.0 MILES)	2	STP	\$2,780,175	\$2,224,140	\$556,035	Project will be funded AC over three years. Design status - PS&E. AC year 2/3. Total project cost is \$5,816,000. \$574,180 was programmed in 2014.
2015	604035	PIONEER VALLEY	HADLEY	HADLEY- SIGNAL & INTERSECTION IMPROVEMENTS AT ROUTE 9 (RUSSELL STREET) & ROUTE 47 (MIDDLE STREET)	2	STP	\$3,159,582	\$2,527,666	\$631,916	8.017 TEC 25% (YOE \$3,159,582)
2015	607207	PIONEER VALLEY	PELHAM	PELHAM- RECONSTRUCTION OF AMHERST ROAD, FROM 800 FEET EAST OF ENFIELD ROAD TO ROUTE 202 (2.5 MILES - PHASE II)	2	STP	\$3,352,596	\$2,682,077	\$670,519	5.55 TEC 100% (YOE \$3,352,596)
2015	604738	PIONEER VALLEY	SOUTHAMPTON	SOUTHAMPTON- RECONSTRUCTION OF GLENDALE ROAD (PHASE II) FROM COLLEGE HIGHWAY (RT 10) NORTHWESTERLY TO POMEROY MEADOW RD (3,801 FEET)	2	STP	\$2,386,800	\$1,909,440	\$477,360	3.38 TEC Score 75% (YOE \$2,386,800)
2015	605222	PIONEER VALLEY	SPRINGFIELD	SPRINGFIELD- NORTH END & BRIGHTWOOD INFRASTRUCTURE IMPROVEMENTS, FROM OSGOOD STREET TO THE CHICOPEE CITY LINE (NORTHERLY SEGMENT)	2	STP	\$2,460,341	\$1,968,273	\$492,068	10.25 TEC 75% (YOE \$4,233,132)
2015	603893	SOUTHEASTERN MASSACHUSETT	DARTMOUTH	DARTMOUTH- PADANARAM BRIDGE CAUSEWAY	5	STP	\$5,848,800	\$4,679,040	\$1,169,760	STP (\$5,848,800) / \$ 330 (2003) (\$342,125) / FY2002 SAA - BDP (\$1,310,430) Total Cost = \$7,501,355; Construction; EC Score 12 Of 93; Status 25%
2015	606729	SOUTHEASTERN MASSACHUSETT	TAUNTON	TAUNTON - COUNTY ST (RTE 140) RECONSTRUCTION FROM RTE 24 TO MOZZONE BLVD TO WIDEN RR TRACKS AREA (MassDOT Project)	5	STP	\$1,560,000	\$1,248,000	\$312,000	Total Cost = \$1,560,000; Construction; EC Score 27 Of 93; Status Pre 25%
							<b>STP Subtotal</b>	\$40,692,884	\$32,554,308	\$8,138,576
2015	601630	BOSTON REGION	WEYMOUTH	WEYMOUTH- ABINGTON- RECONSTRUCTION & WIDENING ON ROUTE 18 (MAIN STREET) FROM HIGHLAND PLACE TO ROUTE 139 (4.0 MILES) INCLUDES REHAB OF W-32-013, ROUTE 18 OVER THE OLD COLONY RAILROAD (MBTA)	6	STP-AC	\$9,079,388	\$7,263,510	\$1,815,878	AC Yr 1 of 3; STP+HSIP+TEA-21 Earmark Total Cost = \$40,630,000
2015	607586	MARTHA'S VINEYARD COMMISSION	TISBURY	TISBURY / OAK BLUFF / EDGARTOWN - RESURFACING EDGARTOWN-VINEYARD HAVEN ROAD	5	STP-AC	\$339,313	\$271,450	\$67,863	PROJECT SUBMITTED FOR JULY 2013 PRC CONSIDERATION
2015	605114	MERRIMACK VALLEY	GROVELAND	GROVELAND- REHABILITATION OF ROUTE 97 (SCHOOL STREET & SALEM STREET)	4	STP-AC	\$3,985,487	\$3,188,390	\$797,097	AC YR 1 of 2. Total Project Cost = \$6,470,690 in 2015 dollars after 4% inflation rate applied to 2014 cost, to be converted to FAYBY 2015 + FY 2016 (Construction) TEC = 6.72 out of 18. (M) A/C (2 of 3). Total cost is approximately \$1,050,292.
2015	606433	NANTUCKET	NANTUCKET	NANTUCKET- CONSTRUCTION OF IN TOWN SHARED USE PATH (WASHINGTON STREET TO ORANGE STREET)	5	STP-AC	\$240,803	\$192,642	\$48,161	
2015	601426	NORTHERN MIDDLESEX	BILLERICA	BILLERICA- RECONSTRUCTION OF ALLEN ROAD, FROM ROUTE 3A TO WEBB BROOK ROAD (5,400 FEET)	4	STP-AC	\$1,890,340	\$1,512,272	\$378,068	AC Year 1 of 2. Total project cost at 100% design \$6,700,110 (Funding Sources - STP, CMAQ, TAP)
2015	604957	OLD COLONY	PEMBROKE	PEMBROKE- RECONSTRUCTION ON ROUTE 14, FROM THE HANSON T.L. TO WASHINGTON STREET (ROUTE 53)	5	STP-AC	\$4,216,171	\$3,372,937	\$843,234	100% Design; Total Cost YOE is \$8,973,660 ; Funded by STP and TAP; Advance Construction Phase 1 of 2
							<b>STP-AC Subtotal</b>	\$19,751,502	\$15,801,201	\$3,950,301



YR	MassDOT Project ID	MPO	Municipality Name	MassDOT Project Description	District	Funding Source	Total Programmed Funds	Federal Funds	Non-Federal Funds	Additional Information
<b>► BR-OFF</b>										
2015	605314	BERKSHIRE	New Marlborough	NEW MARLBOROUGH- BRIDGE REPLACEMENT, HADSELLST ROAD OVER THE UMPACHENE RIVER	1	BR-OFF	\$2,438,093	\$1,950,474	\$487,619	YOE 4%; Design Status: <25%
2015	607121	BERKSHIRE	Savoy	SAVOY- BRIDGE REPLACEMENT, S-06-004, RIVER ROAD OVER THE WESTFIELD RIVER	1	BR-OFF	\$2,031,744	\$1,625,395	\$406,349	YOE 4%; Design Status: <25%
2015	604675	CENTRAL MASSACHUSETT	HOLDEN	HOLDEN - BRIDGE REHABILITATION, H-18-020, RIVER STREET OVER QUINAPOXET RIVER	3	BR-OFF	\$3,770,052	\$3,016,042	\$754,010	Construction / Design Status = 25% / Total Project Cost = \$3,770,052
2015	607117	FRANKLIN	HAWLEY	HAWLEY - BRIDGE REPLACEMENT, H-13-003, SAVOY ROAD OVER THE CHICKLEY RIVER	1	BR-OFF	\$2,692,422	\$2,153,938	\$538,484	
2015	607123	NORTHERN MIDDLESEX	CHELMSFORD	CHELMSFORD-HUNT RD OVER I-495 (BR-OFF)	4	BR-OFF	\$8,250,528	\$6,600,422	\$1,650,106	Total project cost estimate for FY 2015 YOE \$8,250,528 (\$7,933,200)
2015	604589	SOUTHEASTERN MASSACHUSETT	NORTON	NORTON- BRIDGE REPLACEMENT, N-23-017, PLAIN STREET OVER THE CANOE RIVER	5	BR-OFF	\$1,805,055	\$1,444,044	\$361,011	
2015	606372	SOUTHEASTERN MASSACHUSETT	WAREHAM	WAREHAM- BRIDGE REPLACEMENT, W-06-002, PAPER MILL ROAD OVER WEWEANTIC RIVER	5	BR-OFF	\$1,637,319	\$1,309,855	\$327,464	
<b>► BR-ON</b>										
2015	605299	BERKSHIRE	Great Barrington	GREAT BARRINGTON- BRIDGE REPLACEMENT, G-11-005, SR 183 (PARK STREET) OVER HOUSATONIC RIVER	1	BR-ON	\$5,904,802	\$4,723,842	\$1,180,960	YOE 4%; Design Status: <25%
2015	607273	BOSTON REGION	FRANKLIN	FRANKLIN- BRIDGE DEMOLITION, F-08-005, OLD STATE ROUTE 140 OVER MBTA/CSX & NEW PEDESTRAIN BRIDGE CONSTRUCTION	3	BR-ON	\$1,780,272	\$1,424,218	\$356,054	
2015	603008	BOSTON REGION	WOBURN	WOBURN- BRIDGE REPLACEMENT, W-43-003, SALEM STREET OVER MBTA	4	BR-ON	\$5,018,477	\$4,014,782	\$1,003,695	
2015	605883	BOSTON REGION	DEDHAM	DEDHAM- BRIDGE REPLACEMENT, D-05-003 (33K), NEEDHAM STREET OVER GREAT DITCH	6	BR-ON	\$3,029,032	\$2,423,226	\$605,806	
2015	605972	CENTRAL MASSACHUSETT	SOUTHBRIDGE	SOUTHBRIDGE - BRIDGE PRESERVATION, S-21-002, SR 131 (MAIN STREET) OVER QUINEBAUG RIVER	3	BR-ON	\$4,168,395	\$3,334,716	\$833,679	Construction / Design Status = TBD / Total Project Cost = \$4,168,395
2015	606551	FRANKLIN	COLRAIN	COLRAIN- BRIDGE REPLACEMENT, C-18-028, ST.112 (JACKSONVILLE ROAD) OVER EAST BRANCH OF NORTH RIVER	1	BR-ON	\$10,844,205	\$8,675,364	\$2,168,841	
2015	603682	MERRIMACK VALLEY	AMESBURY	AMESBURY - BRIDGE REPLACEMENT, A-07-026, ROUTE I-495 (NB & SB) OVER THE BIKEWAY (ABANDONED B&M RR LINE)	4	BR-ON	\$11,288,692	\$9,030,954	\$2,257,738	Total Project Cost = \$11,288,692 after 4% inflation rate applied to 2014 cost. (Construction) (C)
2015	604537	NORTHERN MIDDLESEX	LOWELL	LOWELL-BRIDGE REPLACEMENT, L-15-045, MARKET STREET OVER THE WESTERN CANAL (BR-ON)	4	BR-ON	\$3,792,941	\$3,034,353	\$758,588	Total project cost estimate for FY 2015 YOE \$3,792,941.18 (\$3,647,058.92)
2015	602932	NORTHERN MIDDLESEX	LOWELL	LOWELL- BRIDGE REPLACEMENT, L-15-058, VFW HIGHWAY OVER BEAVER BROOK (BR-ON)	4	BR-ON	\$14,147,596	\$11,318,077	\$2,829,519	Total project cost estimate for FY 2015 YOE \$14,147,595.90 (\$13,603,457.59)



2015

YR	MassDOT Project ID	MPO	Municipality Name	MassDOT Project Description	District	Funding Source	Total Programmed Funds	Federal Funds	Non-Federal Funds	Additional Information
2015	605780	CENTRAL MASSACHUSETT S	WORCESTER	WORCESTER - QUINSIGAMOND VILLAGE BIKEWAY CONSTRUCTION, FROM BLACKSTONE RIVER BIKEWAY TO MCKEON ROAD, INCLUDES WORK ON W-44-155	3	HPP (1998)	\$1,462,580	\$1,170,064	\$292,516	Construction / MA006 / Design Status = 100% / Total Project Cost = \$1,462,580
<p>▶ HPP (2005)</p> <p>HPP (1998) Subtotal ▶ \$4,883,192</p>							\$3,906,554	\$976,638		
2015	606284	BOSTON REGION	BOSTON	BOSTON- IMPROVEMENTS TO COMMONWEALTH AVENUE, FROM AMORY STREET TO ALCORN STREET	6	HPP (2005)	\$1,114,501	\$891,601	\$222,900	Construction; HPP 682; STP+CMAQ+Earmarks (SAFETEA-LU, Sections 125 and 129, STPP, TCSP) Total Cost = \$16,866,250
2015	606134	BOSTON REGION	BOSTON	BOSTON- TRAFFIC SIGNAL IMPROVEMENTS ON BLUE HILL AVENUE AND WARREN STREET	6	HPP (2005)	\$2,377,900	\$1,902,320	\$475,580	Construction; HPP 2129
2015	605789	BOSTON REGION	BOSTON	BOSTON- RECONSTRUCTION OF MELNEA CASS BOULEVARD (HPP 756 & 4284)	6	HPP (2005)	\$2,429,730	\$1,943,784	\$485,946	Construction; HPP 756; SAFETEA-LU Earmark (HPP 756)+ SAFETEA-LU Earmark (HPP 4284) =Total Cost \$7,437,105
2015	605789	BOSTON REGION	BOSTON	BOSTON- RECONSTRUCTION OF MELNEA CASS BOULEVARD (HPP 756 & 4284)	6	HPP (2005)	\$5,007,375	\$4,005,900	\$1,001,475	Construction; HPP 4284; SAFETEA-LU Earmark (HPP 756)+ SAFETEA-LU Earmark (HPP 4284) =Total Cost \$7,437,105
2015	0	CENTRAL MASSACHUSETT S	MULTIPLE	QUINEBAUG RAIL TRAIL	3	HPP (2005)	\$800,000	\$640,000	\$160,000	Construction / HPP#2173 - MA156 / Design Status - Pre 25% / Total Project Cost = \$800,000
2015	605674	CENTRAL MASSACHUSETT S	STURBRIDGE	STURBRIDGE - GRAND TRUNK TRAIL	3	HPP (2005)	\$507,500	\$406,000	\$101,500	Construction / HPP#2439 - MA162 / Design Status = Pre 25% / Total Project Cost = \$507,500
2015	605820	CENTRAL MASSACHUSETT S	WORCESTER	WORCESTER - BLACKSTONE RIVER BIKEWAY (SEGMENT 7), INCLUDING BRIDGE REHAB, W-44-041, MCGRATH BOULEVARD OVER MADISON STREET	3	HPP (2005)	\$96,500	\$77,200	\$19,300	Design & Construction / HPP#2509 - MA165 & MA006 / Design Status = 25% / Total Project Cost = \$2,496,500
2015	604998	CENTRAL MASSACHUSETT S	WORCESTER	WORCESTER - CITY COMMON PAVILION & MULTI-USE PATH CONSTRUCTION (FRANKLIN STREET)	3	HPP (2005)	\$200,000	\$160,000	\$40,000	Design & Construction / HPP#2509 - MA165 / Design Status = 75% / Total Project Cost = \$1,200,000
2015	604998	CENTRAL MASSACHUSETT S	WORCESTER	WORCESTER - CITY COMMON PAVILION & MULTI-USE PATH CONSTRUCTION (FRANKLIN STREET)	3	HPP (2005)	\$1,000,000	\$800,000	\$200,000	Construction / HPP#4283 - MA202 & HPP#2218 - MA157 / Design Status = 75% / Total Project Cost = \$1,200,000
2015	606629	CENTRAL MASSACHUSETT S	WORCESTER	WORCESTER - BLACKSTONE VISITOR CENTER, BIKEWAY & BRIDGE	3	HPP (2005)	\$1,870,000	\$1,496,000	\$374,000	Construction / HPP#4283 - MA202 & HPP#2218 - MA157 & MA006 / Design Status - Pre 25% / Total Project Cost = \$9,069,200
2015	605820	CENTRAL MASSACHUSETT S	WORCESTER	WORCESTER - BLACKSTONE RIVER BIKEWAY (SEGMENT 7), INCLUDING BRIDGE REHAB, W-44-041, MCGRATH BOULEVARD OVER MADISON STREET	3	HPP (2005)	\$2,400,000	\$1,920,000	\$480,000	Construction / HPP#4283 - MA202 & HPP#2218 - MA157 & MA006 / Design Status = 25% / Total Project Cost = \$2,496,500
2015	604892	CENTRAL MASSACHUSETT S	WORCESTER	WORCESTER - BIKE PATH CONSTRUCTION, FROM TAINTER STREET TO KILBY STREET	3	HPP (2005)	\$2,918,510	\$2,334,808	\$583,702	Construction / HPP#918 - MA136 & HPP#4288 - MA207 / Design Status = 25% / Total Project Cost = \$3,048,511



YR	MassDOT Project ID	MPO	Municipality Name	MassDOT Project Description	District	Funding Source	Total Programmed Funds	Federal Funds	Non-Federal Funds	Additional Information
▶ TI (2005)										
2015	604893	CENTRAL MASSACHUSETT S	WORCESTER	WORCESTER - STREETScape IMPROVEMENTS AT MAIN STREET & MAYWOOD STREET	3	TI (2005)	\$220,000	\$176,000	\$44,000	Design / TI#177 - MA213 / Design Status = Pre 25% / Total Project Cost = \$2,505,798
2015	604893	CENTRAL MASSACHUSETT S	WORCESTER	WORCESTER - STREETScape IMPROVEMENTS AT MAIN STREET & MAYWOOD STREET	3	TI (2005)	\$2,285,798	\$1,828,638	\$457,160	Construction / TI#177 - MA213 / Design Status = Pre 25% / Total Project Cost = \$2,505,798
▶ TI (2005) TI173							\$2,505,798	\$2,004,638	\$501,160	
▶ TI (2005) TI173							\$2,096,080	\$1,676,864	\$419,216	Earmark to cover Bass River Bridge portion of CCRT extension (\$2,096,080 from TI 173 MA 209), Entire CCRT extension project TIP funding (2014+2015) = \$9,508,979
2015	607571	CAPE COD	DENNIS	DENNIS- YARMOUTH- RAIL TRAIL BASS RIVER BRIDGE CONSTRUCTION	5	TI (2005)				
▶ TI (2005) TI173 Subtotal							\$2,096,080	\$1,676,864	\$419,216	
▶ TI (2005) TI173 Subtotal							\$2,096,080	\$1,676,864	\$419,216	
▶ TI (2005) TI173 Subtotal							\$2,632,687	\$42,629,552	\$10,003,135	
SECTION 1C / FEDERAL AID NON-TARGET PROJECTS TOTALS										

▶ SECTION 1D / FEDERAL AID MAJOR & STATE CATEGORY PROJECTS

▶ A/C										
2015	605833	PIONEER VALLEY	BERNARDSTON	BERNARDSTON - WEST SPRINGFIELD - TRAFFIC SIGN REPLACEMENT ON INTERSTATE 91	2	A/C	\$4,064,580	\$3,251,664	\$812,916	Statewide HSIP 75%
▶ IM							\$4,064,580	\$3,251,664	\$812,916	
▶ IM							\$8,286,054	\$7,457,449	\$828,605	Construction / Design Status = TBD / Total Project Cost = \$8,286,054
2015	607181	CENTRAL MASSACHUSETT S	NORTHBOROUGH	NORTHBOROUGH - MARLBOROUGH - INTERSTATE MAINTENANCE AND RELATED WORK ON I-290	3	IM				
2015	605592	CENTRAL MASSACHUSETT S	STURBRIDGE	STURBRIDGE - HOLLAND - INTERSTATE MAINTENANCE & RELATED WORK ON I-84	3	IM	\$12,149,280	\$10,934,352	\$1,214,928	Construction / Design Status = Pre 25% / Total Project Cost = \$12,149,280
2015	606549	MERRIMACK VALLEY	GEORGETOWN	GEORGETOWN- NEWBURY- WEST NEWBURY- NEWBURYPORT- AMESBURY- SALISBURY- INTERSTATE MAINTENANCE & RELATED WORK ON I-95	8	IM	\$20,659,912	\$18,593,921	\$2,065,991	Total Project Cost = \$20,659,912 after 4% inflation rate applied to 2014 cost. (Construction) (M)
2015	606574	NORTHERN MIDDLESEX	LOWELL	LOWELL TEWKSBURY-INTERSTATE MAINTENANCE AND RELATED WORK ON I-495	4	IM	\$17,436,058	\$15,692,452	\$1,743,606	Total project cost estimate for FY 2015 YOE \$17,436,058 (\$16,765,440)
▶ NHPP							\$58,531,304	\$52,678,174	\$5,853,130	
2015	606544	BERKSHIRE	Multiple	LENOX- PITTSFIELD RESURFACING AND RELATED WORK ROUTE 7	1	NHPP	\$2,650,752	\$2,120,602	\$530,150	Construction; YOE 4%



YR	MassDOT Project ID	MPO	Municipality Name	MassDOT Project Description	District	Funding Source	Total Programmed Funds	Federal Funds	Non-Federal Funds	Additional Information
<b>▶ STATEWIDE STP-TE-AC</b>										
2015	605181	MERRIMACK VALLEY	METHUEN	METHUEN- INTERCHANGE RECONSTRUCTION ON I-93 AT ROUTE 110/113 ROTARY, INCLUDING REMOVAL OF M-17-017 & M-17-018. REHAB OF M-17-007 & NEW BRIDGE CONSTRUCTION OF M-17-040	4	STATEWIDE STP-TE-AC	\$458,334	\$366,667	\$91,667	AC YR 3 of 4. Total Project Cost = \$77,236,601 = FY 2013, 2014, 2015 Regional Major Infrastructure (CMAQ) & Statewide TE FY 2016 Regional Major Infrastructure (CMAQ) + FY 2013 RIPP #2434 (2005) + 2013 IM (2010 Discretionary)+ FY 2013 STP & HSIP + FY
<b>▶ STATEWIDE TAP</b>										
2015	607453	PIONEER VALLEY	SOUTHAMPTON	SOUTHAMPTON - SOUTHAMPTON SAFE ROUTES TO SCHOOL - NORRIS ELEMENTARY SCHOOL	2	STATEWIDE TAP	\$531,250	\$531,250	\$0	SW-TAP
<b>▶ STATEWIDE TE</b>										
2015	605215	CENTRAL MASSACHUSETT	UXBRIDGE	UXBRIDGE - SOUTHERN NEW ENGLAND TRUNK TRAIL CONSTRUCTION	3	STATEWIDE TE	\$1,205,645	\$964,516	\$241,129	Construction / Design Status = TBD / Total Project Cost = \$1,205,645
<b>SECTION 1D / FEDERAL AID MAJOR &amp; STATE CATEGORY PROJECTS TOTALS</b>										
							\$531,250	\$531,250	\$0	

**▶ SECTION 2A / NON-FEDERAL PROJECTS**

YR	MassDOT Project ID	MPO	Municipality Name	MassDOT Project Description	District	Funding Source	Total Programmed Funds	Federal Funds	Non-Federal Funds	Additional Information
<b>▶ OTHER</b>										
2015	606146	BOSTON REGION	CANTON	CANTON- NORWOOD- WESTWOOD- RAMP CONSTRUCTION ON I-95 (NB) & IMPROVEMENTS ON CANTON STREET/DIEDHAM STREET, INCLUDES REPLACEMENT OF C-02-034, REHAB OF C-02-024, C-02-002=N-25-016=W-31-002 & 5 SIGNALIZED INTERSECTIONS	0	OTHER	\$38,000,000	\$0	\$38,000,000	Non-federal aid; MassDOT applied for a Transportation Investment Generating Economic Recovery (TIGER) Discretionary Grant to help fund the project. The project may move up to FFY 2014 if the TIGER Grant is awarded.
2015	0	BOSTON REGION	MULTIPLE	FAIRMOUNT IMPROVEMENTS	8	OTHER	\$6,922,845	\$0	\$6,922,845	Lists cash flows (based on state fiscal year) for Fairmount improvements
2015	0	BOSTON REGION	MULTIPLE	RED LINE-BLUE LINE CONNECTOR DESIGN	8	OTHER	\$29,000,000	\$0	\$29,000,000	MassDOT made a formal request on Aug. 1, 2011, to remove this project from the State Implementation Plan regulation. The MPO is continuing to reference this project in the document until the process is complete.





YR	MassDOT Project ID	MPO	Municipality Name	MassDOT Project Description	District	Funding Source	Total Programmed Funds	Federal Funds	Non-Federal Funds	Additional Information
<b>BR-ON System</b>										
<b>BR-OFF SYSTEM Subtotal</b>							\$31,249,812	\$30,179,897	\$0	
2015	607273	STATEWIDE	STATEWIDE	FRANKLIN- BRIDGE DEMOLITION, F-08-005, OLD STATE ROUTE 140 OVER MBTA/CSX & NEW PEDESTRIAN BRIDGE CONSTRUCTION	NA	BR-ON System	\$1,780,272	\$1,711,800	\$0	
2015	600867	STATEWIDE	STATEWIDE	BOSTON- BRIDGE REHABILITATION, B-16-237, MASSACHUSETTS AVENUE (ROUTE 2A) OVER COMMONWEALTH AVENUE	NA	BR-ON System	\$2,916,000	\$2,803,846	\$0	
2015	605883	STATEWIDE	STATEWIDE	DEDHAM- BRIDGE REPLACEMENT, D-05-003 (33K), NEEDHAM STREET OVER GREAT DITCH	NA	BR-ON System	\$3,029,032	\$2,912,531	\$0	
2015	604537	STATEWIDE	STATEWIDE	LOWELL- BRIDGE REPLACEMENT, L-15-045, MARKET STREET OVER THE WESTERN CANAL	NA	BR-ON System	\$3,792,941	\$3,647,059	\$0	
2015	605972	STATEWIDE	STATEWIDE	SOUTHBRIDGE- BRIDGE PRESERVATION, S-21-002, SR 131 (MAIN STREET) OVER QUINEBAUG RIVER	NA	BR-ON System	\$4,168,395	\$4,008,072	\$0	
2015	604796	STATEWIDE	STATEWIDE	DEDHAM- BRIDGE REPLACEMENT, D-05-033, PROVIDENCE HIGHWAY OVER MOTHER BROOK	NA	BR-ON System	\$5,009,550	\$5,009,550	\$0	
2015	603008	STATEWIDE	STATEWIDE	WOBBURN- BRIDGE REPLACEMENT, W-43-003, SALEM STREET OVER MBTA	NA	BR-ON System	\$5,018,477	\$4,825,459	\$0	
2015	605299	STATEWIDE	STATEWIDE	GREAT BARRINGTON- BRIDGE REPLACEMENT, G-11-005, SR 183 (PARK STREET) OVER HOUSATONIC RIVER	NA	BR-ON System	\$5,904,802	\$5,677,694	\$0	
2015	605223	STATEWIDE	STATEWIDE	FALL RIVER- INTERCHANGE IMPROVEMENTS AT ROUTE I-195/ROUTE 79/ROUTE 138 INCLUDING BRAGA BRIDGE PHASE 2 CLEANING/PAINTING AND STRUCTURAL REPAIRS	NA	BR-ON System	\$6,600,000	\$6,600,000	\$0	
2015	604029	STATEWIDE	STATEWIDE	OAK BLUFFS- TISBURY- BRIDGE REPLACEMENT, O-01-001-T-04-001, BEACH ROAD OVER LAGOON POND DRAWBRIDGE	NA	BR-ON System	\$7,000,000	\$7,000,000	\$0	
2015	607338	STATEWIDE	STATEWIDE	GLOUCESTER- BRIDGE PRESERVATION, G-05-017, ROUTE 128 OVER ANNISQUAM RIVER (PHASE II)	NA	BR-ON System	\$8,800,000	\$8,800,000	\$0	
2015	606551	STATEWIDE	STATEWIDE	COLRAIN- BRIDGE REPLACEMENT, C-18-028, ST 112 (JACKSONVILLE ROAD) OVER EAST BRANCH OF NORTH RIVER	NA	BR-ON System	\$10,844,205	\$10,427,120	\$0	
2015	603682	STATEWIDE	STATEWIDE	AMESBURY- BRIDGE REPLACEMENT, A-07-026, ROUTE I-495 (NB & SB) OVER THE BIKEWAY (ABANDONED B&M RR LINE)	NA	BR-ON System	\$11,288,692	\$10,854,512	\$0	
2015	600703	STATEWIDE	STATEWIDE	LEXINGTON- BRIDGE REPLACEMENT, L-10-009, ROUTE 2 (EB & WB) OVER ROUTE I-95 (ROUTE 128)	NA	BR-ON System	\$13,200,000	\$13,200,000	\$0	
2015	602932	STATEWIDE	STATEWIDE	LOWELL- BRIDGE REPLACEMENT, L-15-058, VFW HIGHWAY OVER BEAVER BROOK	NA	BR-ON System	\$14,147,596	\$13,603,458	\$0	
<b>BR-ON SYSTEM Subtotal</b>							\$103,499,962	\$101,081,101	\$0	
<b>STATEWIDE BRIDGE REPL. / REHAB PROGRAM TOTALS</b>							\$134,749,774	\$131,260,998	\$0	

STATEWIDE CMAQ

Statewide CMAQ

2015	604531	STATEWIDE	STATEWIDE	ACTION- MAYNARD- ASSABET RIVER RAIL TRAIL CONSTRUCTION, INCLUDES 2 BRIDGES	4	Statewide CMAQ	\$4,714,428	\$4,533,104	\$0	
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YR	MassDOT Project ID	MPO	Municipality Name	MassDOT Project Description	District	Funding Source	Total Programmed Funds	Federal Funds	Non-Federal Funds	Additional Information
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STATEWIDE INTERSTATE MAINTENANCE PROGRAM TOTALS

STATEWIDE ITS

<b>▶ CMAQ</b>										
2015	606923	STATEWIDE	STATEWIDE	Statewide- Consultant Services Contract for ITS Design and Support Services	NA	CMAQ	\$500,000	\$480,769	\$0	
2015	606924	STATEWIDE	STATEWIDE	Statewide- Consultant Services Contract for ITS Design and Support Services	NA	CMAQ	\$500,000	\$480,769	\$0	
2015	606927	STATEWIDE	STATEWIDE	Statewide- Expansion of CCTV, VMS & Traffic Sensor Network	NA	CMAQ	\$500,000	\$480,769	\$0	
2015	607422	STATEWIDE	STATEWIDE	Statewide- Real Time Traffic Monitoring (RTTM) System (AC Year 2 of 2)	NA	CMAQ	\$1,000,000	\$1,000,000	\$0	
2015	607424	STATEWIDE	STATEWIDE	Statewide- ITS Advanced Transportation Management System (ATMS) software (AC Year 1 of 2)	NA	CMAQ	\$5,999,760	\$5,769,000	\$0	
							<b>CMAQ Subtotal</b>	\$8,499,760	\$8,211,307	\$0
<b>▶ STP-Flex</b>										
2015	606944	STATEWIDE	STATEWIDE	Highway Assistance Patrols - area 6 - year 1	NA	STP-Flex	\$100,000	\$96,154	\$0	
2015	606930	STATEWIDE	STATEWIDE	HOV Lane Tow Truck Services for 2 years (Year 1)	NA	STP-Flex	\$228,800	\$220,000	\$0	
2015	606931	STATEWIDE	STATEWIDE	HOV lane BTV Operator Contract, 2 year contract (year 1)	NA	STP-Flex	\$228,800	\$220,000	\$0	
2015	606932	STATEWIDE	STATEWIDE	HOV Operating Expenses for two years (year 1)	NA	STP-Flex	\$228,800	\$220,000	\$0	
2015	606939	STATEWIDE	STATEWIDE	Highway Assistance Patrols - area 1 - year 1	NA	STP-Flex	\$500,000	\$480,769	\$0	
2015	606940	STATEWIDE	STATEWIDE	Highway Assistance Patrols - area 2 - year 1	NA	STP-Flex	\$500,000	\$480,769	\$0	
2015	606941	STATEWIDE	STATEWIDE	Highway Assistance Patrols - area 3 - year 1	NA	STP-Flex	\$500,000	\$480,769	\$0	
2015	606942	STATEWIDE	STATEWIDE	Highway Assistance Patrols - area 4 - year 1	NA	STP-Flex	\$500,000	\$480,769	\$0	
2015	606943	STATEWIDE	STATEWIDE	Highway Assistance Patrols - area 5 - year 1	NA	STP-Flex	\$500,000	\$480,769	\$0	
2015	606916	STATEWIDE	STATEWIDE	HOC Operating and Maintenance Expenses	NA	STP-Flex	\$884,000	\$850,000	\$0	
							<b>STP-FLEX Subtotal</b>	\$4,170,400	\$4,009,999	\$0
							<b>STATEWIDE ITS TOTALS</b>	\$12,670,160	\$12,221,306	\$0



2015

YR	MassDOT Project ID	MPO	Municipality Name	MassDOT Project Description	District	Funding Source	Total Programmed Funds	Federal Funds	Non-Federal Funds	Additional Information
2015	0	STATEWIDE	MANSFIELD	Mansfield - Safe Routes to School (Jordan/Jackson Elementary)	5	TAP	\$609,440	\$487,552	\$121,888	
2015	0	STATEWIDE	STATEWIDE	SRTS - Planning & Design	NA	TAP	\$800,000	\$640,000	\$160,000	
<b>TAP Subtotal</b>							\$16,026,215	\$12,820,972	\$3,205,243	
<b>TAP-AC</b>										
2015	605181	STATEWIDE	METHUEN	Methuen- Interchange Reconstruction On I-93 At Route 110/113 Rotary, Including Removal Of M-17-017 & M-17-018, Rehab Of M-17-007 & New Bridge Construction Of M-17-040	4	TAP-AC	\$458,334	\$366,667	\$91,667	Total Project Cost = \$59,892,000 FY 2013, 2014 & 2015 Statewide CMAQ & TE + 2013 HPP #2434 (2005) + 2013 IM (2010 Discretionary) + FY 2013 and FY 2015 STP, CMAQ & HSIP + FY 2014 STP + HSIP (Construction). TEC = 9.63 out of 18. ( C )
<b>TAP-AC Subtotal</b>							\$458,334	\$366,667	\$91,667	
<b>STATEWIDE SAFE ROUTES TO SCHOOLS PROGRAM TOTALS</b>							\$17,347,817	\$14,050,907	\$3,296,910	

STATEWIDE STORMWATER RETROFITS

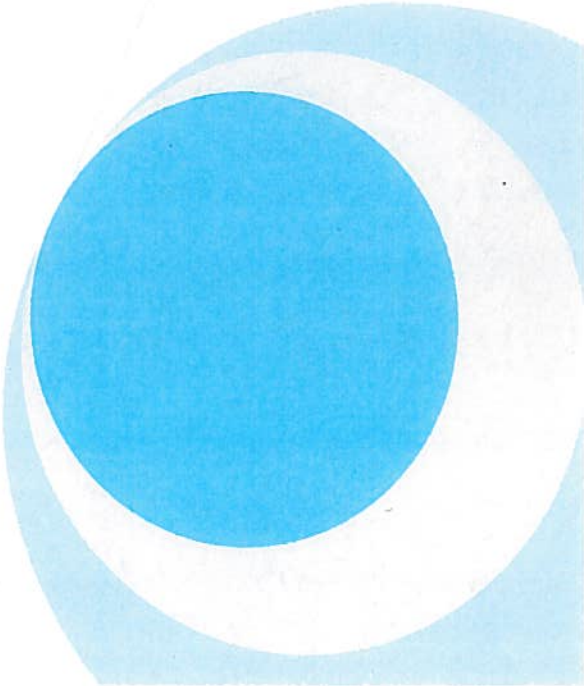
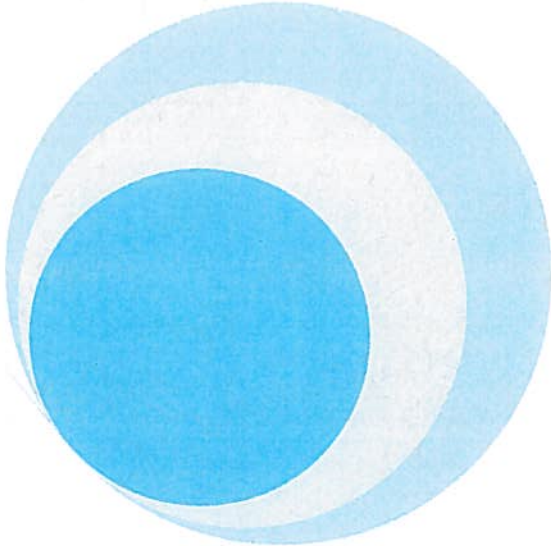
STP-FLEX

2015	607002	STATEWIDE	STATEWIDE	DISTRICT 3- STORMWATER RETROFITS AT VARIOUS LOCATIONS	NA	STP-FLEX	\$1,500,000	\$1,442,308	\$0	
2015	607003	STATEWIDE	STATEWIDE	DISTRICT 4- STORMWATER RETROFITS AT VARIOUS LOCATIONS	NA	STP-FLEX	\$1,500,000	\$1,442,308	\$0	
2015	606999	STATEWIDE	STATEWIDE	STATEWIDE- STORMWATER RETROFITS AT VARIOUS LOCATIONS (IM/NHS)	NA	STP-FLEX	\$3,000,000	\$2,884,615	\$0	
<b>STP-FLEX Subtotal</b>							\$6,000,000	\$5,769,231	\$0	
<b>STATEWIDE STORMWATER RETROFITS TOTALS</b>							\$6,000,000	\$5,769,231	\$0	

		YEAR 2015			
<b>TOTALS</b>		\$1,225,495,187	\$695,321,075	\$404,344,698	



**Projects Funded with  
Federal Transit Funds**

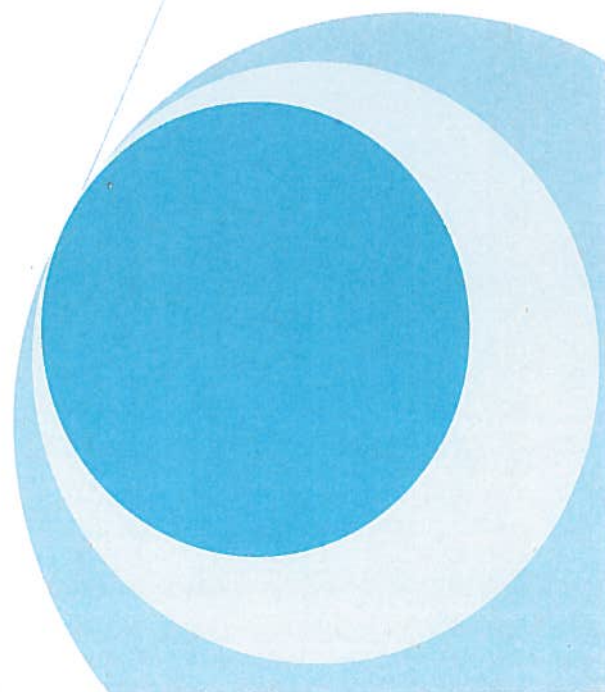
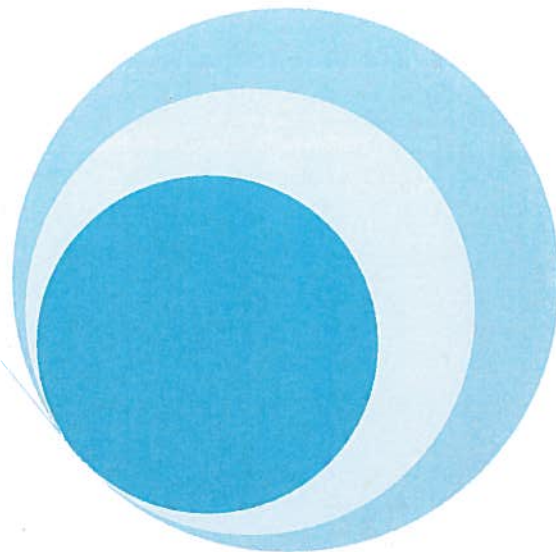


**Statewide Transportation Improvement Program (STIP)  
Project List (FY2015)**

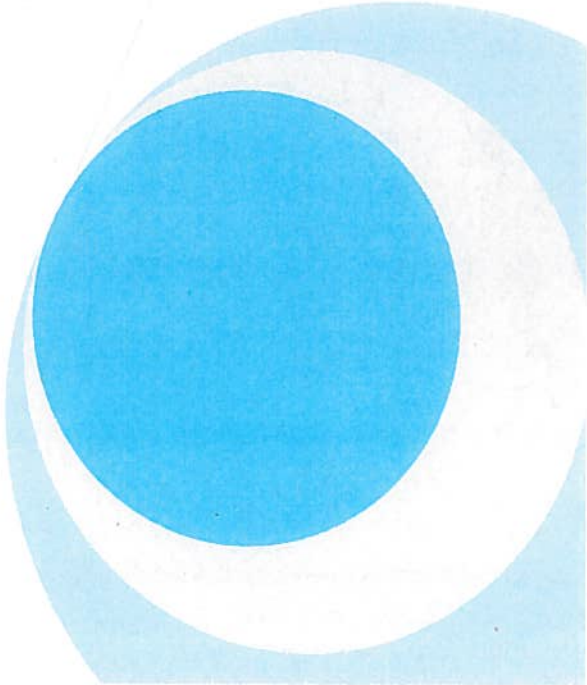
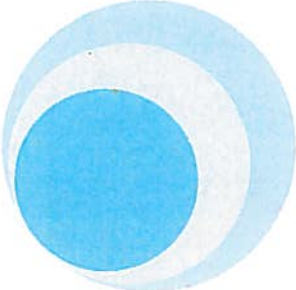
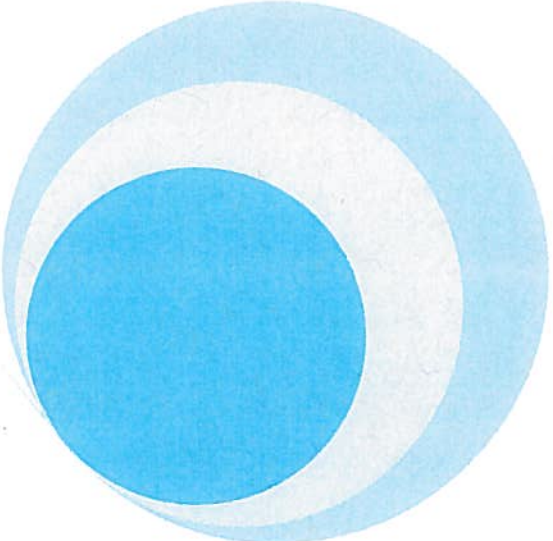
FTA Program		Transit Agency		FTA Activity Line Item		Project Description		Carryover or Earmark Detail		SCA	Local Funds	Total Cost
5307	5307	5307	5307	5307	5307	5307	5307	5307	5307	5307	5307	5307
				114402	Cape Cod Regional Transit Authority (CCRTA)	REHAB/RENOVATE - MAINTENANCE FACILITY	2014	\$1,200,000	\$0	\$0	\$0	\$1,500,000
				114207	Cape Cod Regional Transit Authority (CCRTA)	ACQUIRE - ADP HARDWARE	2013	\$32,800	\$8,200	\$0	\$0	\$41,000
				119302	Cape Cod Regional Transit Authority (CCRTA)	CONSTRUCTION - BUS SHELTERS	2012	\$44,520	\$11,130	\$0	\$0	\$55,650
				117000	Cape Cod Regional Transit Authority (CCRTA)	NON FIXED ROUTE ADA PARA SERV	2012	\$496,566	\$0	\$0	\$0	\$620,708
				117100	Cape Cod Regional Transit Authority (CCRTA)	MOBILITY MANAGEMENT	2012, 2013	\$958,974	\$0	\$0	\$124,142	\$1,369,468
				117400	Cape Cod Regional Transit Authority (CCRTA)	PREVENTIVE MAINTENANCE	2013	\$2,071,307	\$0	\$0	\$517,826	\$2,589,133
				300900	Cape Cod Regional Transit Authority (CCRTA)	OPERATING ASSISTANCE	2012	\$600,000	\$0	\$0	\$600,000	\$1,200,000
				119308	Cape Cod Regional Transit Authority (CCRTA)	CONSTRUCT SIGNAGE	2013	\$18,774	\$4,693	\$0	\$0	\$23,467
				113400	Cape Cod Regional Transit Authority (CCRTA)	REHAB/RENOVATE BUS STATIONS	2013	\$280,000	\$70,000	\$0	\$0	\$350,000
				114200	Cape Cod Regional Transit Authority (CCRTA)	ACQUISITION OF BUS SUPPORT EQUIP/FACILITIES	2013	\$960,000	\$90,000	\$0	\$0	\$1,050,000
					Merrimack Valley Regional Transit Authority (MVRTA)	Preventive Maintenance Expense	2014	\$2,342,185	\$0	\$0	\$585,545	\$2,927,730
					Merrimack Valley Regional Transit Authority (MVRTA)	ADA Operating Expense	2014	\$1,100,185	\$0	\$0	\$275,045	\$1,375,230
					Merrimack Valley Regional Transit Authority (MVRTA)	Rehab/renovation: Refurbish Engine/Transmission 9 Model Year 2009 Buses	2013	\$256,400	\$64,100	\$0	\$0	\$320,500
					Merrimack Valley Regional Transit Authority (MVRTA)	Purchase - Replacement: Vans 12 Model Year 2010 Delivery	2012, 2013	\$672,000	\$168,000	\$0	\$0	\$840,000
					Berkshire Regional Transit Authority (BRTA)	Purchase - Replacement: Vans		\$382,720	\$95,680	\$0	\$0	\$478,400
				114211	Berkshire Regional Transit Authority (BRTA)	Replacement support vehicles		\$100,000	\$25,000	\$0	\$0	\$125,000
				114302	Berkshire Regional Transit Authority (BRTA)	Construction: Upgrade facility to CNG		\$560,000	\$140,000	\$0	\$0	\$700,000
				117400	Berkshire Regional Transit Authority (BRTA)	Preventive Maintenance		\$80,000	\$20,000	\$0	\$0	\$100,000
				114320	Cape Ann Transportation Authority (CATA)	CONSTRUCT - MISC. EQUIPMENT		\$188,157	\$63,040	\$0	\$0	\$251,197
				119208	MetroWest Regional Transit Authority (MVRTA)	PURCHASE SIGNAGE	2014	\$5,878	\$1,470	\$0	\$0	\$7,348
				114209	MetroWest Regional Transit Authority (MVRTA)	ACQUIRE - MOBILE SURV/SECURITY EQUIP	2014	\$10,000	\$2,500	\$0	\$0	\$12,500
				114200	MetroWest Regional Transit Authority (MVRTA)	ACQUISITION OF BUS SUPPORT EQUIP/FACILITIES	2014	\$20,000	\$5,000	\$0	\$0	\$25,000
				117400	MetroWest Regional Transit Authority (MVRTA)	PREVENTIVE MAINTENANCE	2014	\$900,000	\$0	\$0	\$900,000	\$1,800,000
				121221	Massachusetts Bay Transportation Authority (MBTA)	NON FIXED ROUTE ADA PARA SERV		\$12,000,000	\$0	\$0	\$0	\$12,000,000
				117400	Massachusetts Bay Transportation Authority (MBTA)	PREVENTIVE MAINTENANCE		\$64,000,000	\$0	\$0	\$0	\$64,000,000
				121221	Massachusetts Bay Transportation Authority (MBTA)	HEAVY RAIL CARS - Red/Orange Lines		\$325,000	\$0	\$0	\$0	\$325,000
				117400	Massachusetts Bay Transportation Authority (MBTA)	PREVENTIVE MAINTENANCE		\$32,761,068	\$0	\$0	\$0	\$32,761,068
				123402	Massachusetts Bay Transportation Authority (MBTA)	Government Center (Blue Line Modernization)		\$25,924,448	\$0	\$0	\$0	\$25,924,448
				123902	Massachusetts Bay Transportation Authority (MBTA)	Elevators/Escalators		\$95,200	\$23,800	\$0	\$0	\$119,000
					Worcester Regional Transit Authority (WRTA)	Purchase - Replacement: Vans		\$875,653	\$0	\$0	\$218,913	\$1,094,566
				117000	Worcester Regional Transit Authority (WRTA)	ADA Operating Projects	2014	\$3,500,299	\$0	\$0	\$875,075	\$4,375,374
				117900	Worcester Regional Transit Authority (WRTA)	Preventive Maintenance	2014	\$52,903	\$0	\$0	\$13,226	\$66,129
				442400	Worcester Regional Transit Authority (WRTA)	Project Administration	2014	\$259,771	\$0	\$0	\$64,943	\$324,714
					Worcester Regional Transit Authority (WRTA)	Transportation Planning		\$52,000	\$13,000	\$0	\$0	\$65,000
					Worcester Regional Transit Authority (WRTA)	Purchase - Support Vehicle		\$144,000	\$36,000	\$0	\$0	\$180,000
					Worcester Regional Transit Authority (WRTA)	Purchase - Miscellaneous Support Equipment		\$218,676	\$54,669	\$0	\$0	\$273,345
					Worcester Regional Transit Authority (WRTA)	Spare Parts / Associated Capital Maintenance		\$20,000	\$5,000	\$0	\$0	\$25,000
					Worcester Regional Transit Authority (WRTA)	Purchase Shop Equipment		\$61,193	\$15,298	\$0	\$0	\$76,491
					Worcester Regional Transit Authority (WRTA)	Rehab Maintenance Facility		\$52,000	\$13,000	\$0	\$0	\$65,000
					Worcester Regional Transit Authority (WRTA)	Computer Technologies - Software		\$84,000	\$21,000	\$0	\$0	\$105,000
					Worcester Regional Transit Authority (WRTA)	Enhancements - Hardware		\$30,000	\$7,500	\$0	\$0	\$37,500
					Worcester Regional Transit Authority (WRTA)	Enhancements - Shelters		\$30,000	\$7,500	\$0	\$0	\$37,500
					Worcester Regional Transit Authority (WRTA)	Enhancements - Signage		\$440,000	\$110,000	\$0	\$0	\$550,000
				111215	Worcester Regional Transit Authority (WRTA)	Purchase - Replacement: Vans (10)	2014	\$80,000	\$20,000	\$0	\$0	\$100,000
				114211	Montachusett Regional Transit Authority (MART)	ACQUIRE - SUPPORT VEHICLES	2014	\$200,000	\$50,000	\$0	\$0	\$250,000
				114220	Montachusett Regional Transit Authority (MART)	ACQUIRE - MISC SUPPORT EQUIPMENT	2014	\$240,000	\$60,000	\$0	\$0	\$300,000
				119206	Montachusett Regional Transit Authority (MART)	PURCHASE BICYCLE ACCESS, FACIL & EQUIP ON BUSES	2014	\$200,000	\$50,000	\$0	\$0	\$250,000
				113404	Montachusett Regional Transit Authority (MART)	REHAB/RENOVATE - BUS PARK & RIDE LOT	2014	\$240,000	\$60,000	\$0	\$0	\$300,000
				114403	Montachusett Regional Transit Authority (MART)	REHAB/RENOVATE - ADMIN/MAINT FACILITY	2014	\$180,000	\$45,000	\$0	\$0	\$225,000
				113402	Montachusett Regional Transit Authority (MART)	REHAB/RENOVATE - BUS STATION	2014	\$1,155,038	\$0	\$0	\$1,155,038	\$2,310,076
				300901	Montachusett Regional Transit Authority (MART)	UP TO 50% FEDERAL SHARE		\$3,200,000	\$800,000	\$0	\$0	\$4,000,000
				113304	Lowell Regional Transit Authority (LRTA)	Construction: Gallagher 1 Parking Garage	2012, 2013	\$3,310,011	\$827,503	\$0	\$0	\$4,137,514
				111203	Lowell Regional Transit Authority (LRTA)	REPLACE (12) 30-FT Diesel Buses	2014	\$1,920,000	\$480,000	\$0	\$0	\$2,400,000
				111202	Lowell Regional Transit Authority (LRTA)	REPLACE (6) CNG 35-FT BUS	2014	\$104,000	\$26,000	\$0	\$0	\$130,000
					Lowell Regional Transit Authority (LRTA)	Purchase - Capital Spare Parts		\$1,663,686	\$0	\$0	\$1,663,686	
				300901	Lowell Regional Transit Authority (LRTA)	Operating Assistance 2015	2013, 2014	\$1,663,686	\$0	\$0	\$1,663,686	\$3,327,372



**Federal Fiscal Year  
2016**



**Projects Funded with  
Federal Highway Funds**





STATE TRANSPORTATION IMPROVEMENT PROGRAM FOR FY YEAR = 2016

2016

YR	MassDOT Project ID	MPO	Municipality Name	MassDOT Project Description	District	Funding Source	Total Programmed Funds	Federal Funds	Non-Federal Funds	Additional Information
<b>FA BRIDGE PRESERVATION</b>										
2016	607506	STATEWIDE	CHELMSFORD	CHELMSFORD - BRIDGE DECK REPLACEMENT BRIDGE NO. C-08-037 (2K7), ST. 4 NORTH STREET OVER I-495	NA	FA	\$2,469,917	\$2,286,960	\$0	
2016	607511	STATEWIDE	DALTON	DALTON- SYSTEMATIC BRIDGE MAINTENANCE, D-01-005, ROUTE 8 (MAIN ST.) OVER EAST BRANCH HOUSATONIC RIVER	NA	FA	\$309,960	\$287,000	\$0	
2016	607519	STATEWIDE	STATEWIDE	WORCESTER-FEDERAL AID SYSTEMATIC MAINTENANCE; BRIDGE JOINTS; DECK REPAIRS; PRESSURE WASHING AND RELATED WORK; I90 OVER RT. 12 NB AND RAMP B; BRIDGE NO. W-44-124 (1XG)	NA	FA	\$1,519,992	\$1,407,400	\$0	
2016	607516	STATEWIDE	STATEWIDE	DISTRICT 2- SYSTEMATIC BRIDGE MAINTENANCE AT VARIOUS LOCATIONS (2016)	NA	FA	\$1,849,978	\$1,712,942	\$0	
2016	607498	STATEWIDE	STATEWIDE	DISTRICT 6- SYSTEMATIC BRIDGE MAINTENANCE ON SR 3 FOR (2016)	NA	FA	\$1,882,958	\$1,743,480	\$0	
2016	607513	STATEWIDE	STATEWIDE	BRIDGE CLEANING ALONG THE I-95 AND I-195 CORRIDOR	NA	FA	\$1,899,989	\$1,759,249	\$0	
							<b>FA Subtotal</b>	\$9,932,794	\$0	
							<b>FA BRIDGE PRESERVATION TOTALS</b>	\$9,932,794	\$0	

SECTION 1A / FEDERAL AID TARGET PROJECTS

YR	MassDOT Project ID	MPO	Municipality Name	MassDOT Project Description	District	Funding Source	Total Programmed Funds	Federal Funds	Non-Federal Funds	Additional Information
<b>CMAQ</b>										
2016	606233	BERKSHIRE	Pittsfield	PITTSFIELD- INTERSECTION & SIGNAL IMPROVEMENTS AT FIRST STREET & NORTH STREET (NEAR BERKSHIRE MEDICAL CENTER)	1	CMAQ	\$1,334,867	\$1,067,894	\$266,973	AC - Year 2 of 2; STP + HSIP + CMAQ; Total Cost = 5,668,000; MPO evaluation score 6 of 7; Design Status: <25%; YOE 4%
2016	605657	BOSTON REGION	MEDWAY	MEDWAY- RECONSTRUCTION ON ROUTE 109, FROM HOLLISTON STREET TO 100 FT. WEST OF HIGHLAND STREET, INCLUDES REHAB OF M-13-012	3	CMAQ	\$5,000,000	\$4,000,000	\$1,000,000	STP+HSIP+CMAQ+TAP Total Cost = \$11,275,569
2016	456661	BOSTON REGION	MULTIPLE	CLEAN AIR AND MOBILITY	8	CMAQ	\$374,850	\$299,880	\$74,970	
2016	606461	CAPE COD	ORLEANS	ORLEANS- INTERSECTION IMPROVEMENTS @ ROUTE 6A & MAIN STREET & ROUTE 28 & MAIN STREET	5	CMAQ	\$2,203,200	\$1,762,560	\$440,640	CONSTRUCTION Total cost \$2,040,000 (8% inflation applied = \$2,203,000) preliminary design
2016	606207	CENTRAL MASSACHUSETT	SPENCER	SPENCER - REHABILITATION ON ROUTE 9 (MAIN STREET), FROM HIGH STREET TO GROVE STREET	3	CMAQ	\$4,049,510	\$3,239,608	\$809,902	Construction / Design Status = Pre 25% / TEC Score = 5.1 / HSIP + CMAQ Total Project Cost = \$5,015,379



2016

YR	MassDOT Project ID	MPO	Municipality Name	MassDOT Project Description	District	Funding Source	Total Programmed Funds	Federal Funds	Non-Federal Funds	Additional Information	
2016	605657	BOSTON REGION	MEDWAY	MEDWAY- RECONSTRUCTION ON ROUTE 109, FROM HOLLISTON STREET TO 100 FT. WEST OF HIGHLAND STREET, INCLUDES REHAB OF M-13-012	3	HSIP	\$3,000,000	\$2,700,000	\$300,000	STP+HSIP+CMAQ+TAP Total Cost = \$11,275,569; HSIP pending Road Safety Audit	
2016	607444	CAPE COD	FALMOUTH	FALMOUTH- INTERSECTION IMPROVEMENTS & RELATED WORK AT NORTH FALMOUTH HIGHWAY (ROUTE 28A) & NATHAN ELLIS HIGHWAY (ROUTE 151)	5	HSIP	\$2,160,000	\$1,944,000	\$216,000	CONSTRUCTION Total Cost \$2,000,000 (8% inflation applied = \$2,160,000) (possible HSIP - RSA to be conducted)	
2016	606207	CENTRAL MASSACHUSETTS	SPENCER	SPENCER - REHABILITATION ON ROUTE 9 (MAIN STREET), FROM HIGH STREET TO GROVE STREET	3	HSIP	\$965,869	\$869,282	\$96,587	Construction / Design Status = Pre 25% / TEC Score = 5.1 / HSIP + CMAQ Total Project Cost = \$5,015,379	
2016	607246	FRANKLIN	FRANKLIN	Erving Intersection Improvements at Route 2/2A	8	HSIP	\$264,802	\$238,322	\$26,480	RSA completed 2/13. Total project cost estimate of \$245,187 inflated 8% to \$264,802	
2016	607539	FRANKLIN	FRANKLIN	Shelburne, Intersection Improvements at Route 2 and Colrain-Shelburne Road	8	HSIP	\$500,000	\$400,000	\$100,000	preliminary planning begun	
2016	606159	MERRIMACK VALLEY	NORTH ANDOVER	NORTH ANDOVER- INTERSECTION & SIGNAL IMPROVEMENTS AT ROUTE 125 & MASSACHUSETTS AVENUE	4	HSIP	\$492,173	\$442,956	\$49,217	Total Project Cost = \$1,612,800 after 4% inflation rate applied to 2015 cost. FY 2016 STP + FY 2016 HSIP (Construction) MEC = 7.70 out of 18. (C)	
2016	606036	OLD COLONY	BROCKTON	BROCKTON- SIGNAL & INTERSECTION IMPROVEMENTS @ ROUTE 123 (BELMONT STREET)/LINWOOD STREET/LORRAINE AVENUE	5	HSIP	\$800,000	\$720,000	\$80,000	25% Design; Total Cost YOY is \$2,572,761; Funded by STP, CMAQ, and HSIP	
2016	180525	PIONEER VALLEY	NORTHAMPTON	NORTHAMPTON- RECONSTRUCTION OF DAMON ROAD, FROM ROUTE 9 INTERSECTION TO ROUTE 5 INTERSECTION (1.1 MILES)	2	HSIP	\$1,201,102	\$1,080,992	\$120,110	7.48 TEC Score 25% (YOY \$3,326,766)	
2016	117106	SOUTHEASTERN MASSACHUSETTS	WAREHAM	WAREHAM- RECONSTRUCTION OF ROUTE 6 & 28, FROM 500 FT. EAST OF TYLER AVENUE TO EAST OF RED BROOK ROAD	5	HSIP	\$9,000,000	\$7,200,000	\$1,800,000	Total Cost = \$9,000,000; Construction; EC Score 51 Of 93; Status 25%	
							<b>HSIP Subtotal</b>	\$18,779,462	\$15,951,516	\$2,827,946	Eligible for HSIP funding
<b>HSIP-AC</b>											
2016	607586	MARtha'S VINEYARD COMMISSION	TISBURY	TISBURY / OAK BLUFF / EDGARTOWN - RESURFACING EDGARTOWN-VINEYARD HAVEN ROAD	8	HSIP-AC	\$34,441	\$30,997	\$3,444	PROJECT SUBMITTED FOR JULY 2013 PRC CONSIDERATION	
							<b>HSIP-AC Subtotal</b>	\$34,441	\$30,997	\$3,444	
<b>NHPP-AC</b>											
2016	603711	BOSTON REGION	NEEDHAM	NEEDHAM- WELLESLEY- REHAB/REPLACEMENT OF 6 BRIDGES ON I-95/ROUTE 128: N-04-020, N-04-021, N-04-022, N-04-026, N-04-027 & W-13-023 (ADD-A-LANE - CONTRACT V)	6	NHPP-AC	\$25,625,150	\$20,500,120	\$5,125,030	AC Yr 4 of 5; NHS+BR+Statewide Infrastructure Total Cost = \$151,333,710 (\$122,291,802 programmed within FFYs 2014-17 TIP)	
							<b>NHPP-AC Subtotal</b>	\$25,625,150	\$20,500,120	\$5,125,030	
<b>STP</b>											
2016	602280	BERKSHIRE	Dalton	DALTON- RECONSTRUCTION OF HOUSATONIC STREET, FROM ROUTE 8 & 9 TO ROUTE 8	1	STP	\$4,478,922	\$3,583,138	\$895,784	AC - Year 1 of 2; Total Cost = 8,159,420 MPO evaluation score 3 of 7; Design Status: 75%; YOY 8%	



2016

YR	MassDOT Project ID	MPO	Municipality Name	MassDOT Project Description	District	Funding Source	Total Programmed Funds	Federal Funds	Non-Federal Funds	Additional Information
2016	605011	PIONEER VALLEY	LUDLOW	LUDLOW- RECONSTRUCTION OF CENTER STREET (ROUTE 21) - FROM 35' WEST OF BEACHSIDE DRIVE WESTERLY TO GAS LINE BESIDE MTA OVERPASS (3,500 FEET)	2	STP	\$5,107,207	\$4,085,765	\$1,021,441	9.65 TEC Score 25% (YOE \$5,107,207)
2016	604446	PIONEER VALLEY	WESTFIELD	WESTFIELD- RECONSTRUCTION OF ROUTE 187 (LITTLE RIVER ROAD) AND SHAKER ROAD	2	STP	\$5,959,423	\$4,767,538	\$1,191,885	7.87% TEC 75% (YOE \$5,738,703)
<b>STP Subtotal</b>							\$57,780,300	\$46,224,241	\$11,556,058	
2016	601630	BOSTON REGION	WEYMOUTH	WEYMOUTH- ABINGTON- RECONSTRUCTION & WIDENING ON ROUTE 18 (MAIN STREET) FROM HIGHLAND PLACE TO ROUTE 139 (4.0 MILES) INCLUDES REHAB OF W-32-013, ROUTE 18 OVER THE OLD COLONY RAILROAD (MBTA)	6	STP-AC	\$7,883,133	\$6,306,506	\$1,576,627	AC Yr 2 of 3; STP+HSIP+TEA-21 Earmark Total Cost = \$40,630,000
2016	607586	MARTHA'S VINEYARD COMMISSION	TISBURY	TISBURY / OAK BLUFF / EDGARTOWN - RESURFACING EDGARTOWN-VINEYARD HAVEN ROAD	5	STP-AC	\$390,019	\$312,015	\$78,004	PROJECT SUBMITTED FOR JULY 2013 PRC CONSIDERATION
2016	605114	MERRIMACK VALLEY	GROVELAND	GROVELAND- REHABILITATION OF ROUTE 97 (SCHOOL STREET & SALEM STREET)	4	STP-AC	\$2,485,203	\$1,988,162	\$497,041	AC YR 2 of 2. Total Project Cost = \$6,470,690 in 2015 dollars after inflation rate applied to 2014 cost, to be converted to FAY FY 2015 + FY 2016 (Construction) TEC = 6.72 out of 18. (M)
2016	605181	MERRIMACK VALLEY	METHUEN	METHUEN- INTERCHANGE RECONSTRUCTION ON I-93 AT ROUTE 110/113 ROTARY, INCLUDING REMOVAL OF M-17-017 & M-17-018. REHAB OF M-17-007 & NEW BRIDGE CONSTRUCTION OF M-17-040	4	STP-AC	\$296,245	\$236,996	\$59,249	AC YR 4 of 4. Total Project Cost = \$77,236,601 = FY 2013, 2014, 2015 Regional Major Infrastructure (CMAQ) & Statewide TEIP FY 2016 Regional Major Infrastructure (CMAQ) + FY 2013 RIPP #2434 (2005) + 2013 IM (2010 Discretionary)+ FY 2013 STP & HSIP + FY
2016	601426	NORTHERN MIDDLESEX	BILLERICA	BILLERICA- RECONSTRUCTION OF ALLEN ROAD, FROM ROUTE 3A TO WEBB BROOK ROAD (5,400 FEET)	4	STP-AC	\$2,774,882	\$2,219,906	\$554,976	AC Year 2 of 2. Total project cost at 100% design \$6,700,110 (Funding Sources - STP, CMAQ, TAP)
2016	604957	OLD COLONY	PEMBROKE	PEMBROKE- RECONSTRUCTION ON ROUTE 14, FROM THE HANSON T.I.L. TO WASHINGTON STREET (ROUTE 53)	5	STP-AC	\$1,972,651	\$1,578,121	\$394,530	100% Design; Total Cost YOE is \$8,973,660 ; Funded by STP and TAP; Advance Construction Phase 1 of 2
<b>TAP Subtotal</b>							\$15,802,133	\$12,641,706	\$3,160,427	
2016	605657	BOSTON REGION	MEDWAY	MEDWAY- RECONSTRUCTION ON ROUTE 109, FROM HOLLISTON STREET TO 100 FT. WEST OF HIGHLAND STREET, INCLUDES REHAB OF M-13-012	3	TAP	\$2,568,719	\$2,038,975	\$509,744	STP+HSIP+CMAQ+TAP Total Cost = \$11,275,569, pending TAP approval
2016	606596	CAPE COD	CHATHAM	CHATHAM- IMPROVEMENTS ON WEST MAIN STREET (ROUTE 28), FROM GEORGE RYDER ROAD TO BARN HILL ROAD	5	TAP	\$178,764	\$143,011	\$35,753	CONSTRUCTION Total cost \$3,100,000 (8% Inflation applied = \$3,348,000 = \$3,263,320 STP + \$178,764 TAP) (POSSIBLE CMAQ for future CMAQ consultation process), outreach and preliminary design



YR	MassDOT Project ID	MPO	Municipality Name	MassDOT Project Description	District	Funding Source	Total Programmed Funds	Federal Funds	Non-Federal Funds	Additional Information	
2016	603778	BERKSHIRE	Lanesborough	LANESBOROUGH- BRIDGE REPLACEMENT, L-03-024, NARRAGANSETT AVENUE OVER PONTOOSUC LAKE	1	BR-OFF	\$1,807,193	\$1,445,754	\$361,439	YOE 8%; Design Status: <25%	
2016	606632	BOSTON REGION	HOPKINTON	HOPKINTON- WESTBOROUGH- BRIDGE REPLACEMENT, H-23-006=W-24-016, FRUIT STREET OVER CSX & SUDBURY RIVER	3	BR-OFF	\$9,396,713	\$7,517,370	\$1,879,343		
2016	607345	BOSTON REGION	COHASSET	COHASSET- SUPERSTRUCTURE REPLACEMENT & SUBSTRUCTURE REHABILITATION, C-17-002, ATLANTIC AVENUE OVER LITTLE HARBOR INLET	5	BR-OFF	\$5,044,568	\$4,035,654	\$1,008,914		
2016	607133	BOSTON REGION	QUINCY	QUINCY- BRIDGE REPLACEMENT, ROBERTSON STREET OVER I-93/IUS 1/SR 3	6	BR-OFF	\$4,928,663	\$3,942,930	\$985,733		
2016	607113	CENTRAL MASSACHUSETTS	DUDLEY	DUDLEY - BRIDGE REPLACEMENT, D-12-009, CARPENTER ROAD OVER ABANDONED RR	3	BR-OFF	\$1,808,730	\$1,446,984	\$361,746	Construction / Design Status = TBD / Total Project Cost = \$1,808,730	
2016	606303	CENTRAL MASSACHUSETTS	RUTLAND	RUTLAND - BRIDGE SUPERSTRUCTURE REPLACEMENT, R-14-004, INTERVALLE ROAD OVER EAST BRANCH OF WARE RIVER	3	BR-OFF	\$1,814,400	\$1,451,520	\$362,880	Construction / Design Status = TBD / Total Project Cost = \$1,814,400	
2016	604468	CENTRAL MASSACHUSETTS	WEST BROOKFIELD	WEST BROOKFIELD - BRIDGE REPLACEMENT, W-19-008, WICKABOAG VALLEY ROAD OVER SUCKER BROOK	3	BR-OFF	\$2,376,648	\$1,901,318	\$475,330	Construction / Design Status = Pre 25% / Total Project Cost = \$2,376,648	
2016	607118	FRANKLIN	FRANKLIN	HEATH - BRIDGE REPLACEMENT, H-14-009, SADOGA ROAD OVER THE BURRINGTON BROOK	1	BR-OFF	\$1,684,800	\$1,347,840	\$336,960		
2016	602320	FRANKLIN	FRANKLIN	DEERFIELD- BRIDGE PRESERVATION, D-06-023, MCCLELLAN FARM ROAD OVER THE B&M RAILROAD	2	BR-OFF	\$5,477,190	\$4,381,752	\$1,095,438		
2016	0	SOUTHEASTERN MASSACHUSETTS	FALL RIVER	FALL RIVER- BRIDGE WORK, AIRPORT ROAD OVER ROUTE 24	5	BR-OFF	\$3,374,535	\$2,699,628	\$674,907		
							<b>BR-OFF Subtotal</b>	<b>\$40,634,840</b>	<b>\$8,126,970</b>		
							<b>BR-ON Subtotal</b>	<b>\$12,040,119</b>	<b>\$2,408,024</b>	This project was combined with 606354 for a total construction cost of \$270,626,756. @\$171,911,637 is for the I-195/Route 79/Route 138 Interchange Improvements (Spaghetti Ramps) of which \$167,600,637 is identified as GANS funding (federal & state match)	
							<b>BR-ON Subtotal</b>	<b>\$12,040,119</b>	<b>\$2,408,024</b>		
							<b>NHPP Subtotal</b>	<b>\$1,519,992</b>	<b>\$303,998</b>	Construction / Design Status = TBD / Total Project Cost = \$1,519,992	
2016	607506	NORTHERN MIDDLESEX	CHELMSFORD	WORCESTER - FEDERAL AID SYSTEMATIC MAINTENANCE; BRIDGE JOINTS, DECK REPAIRS, PRESSURE WASHING AND RELATED WORK; I-190 OVER RT. 12 NB AND RAMP B; BRIDGE NO. W-44-124 (1XG)	3	NHPP	\$2,469,917	\$1,975,934	\$493,983	Total cost estimate at YOE: \$2,469,917 (2,286,960)	
							<b>NHPP Subtotal</b>	<b>\$3,989,909</b>	<b>\$797,981</b>		
							<b>TOTALS</b>	<b>\$91,548,654</b>	<b>\$73,238,922</b>	<b>\$18,309,732</b>	



YR	MassDOT Project ID	MPO	Municipality Name	MassDOT Project Description	District	Funding Source	Total Programmed Funds	Federal Funds	Non-Federal Funds	Additional Information
2016	607182	FRANKLIN	HATFIELD	BERNARDSTON- GREENFIELD- INTERSTATE MAINTENANCE & RELATED WORK ON ROUTE I-91 FROM MM 48.6 TO MM 50.4 (1.8 MILES)	8	IM	\$2,959,157	\$2,663,241	\$295,916	Total project cost estimate of \$2,739,960 inflated 8% to \$2,959,157
2016	606577	PIONEER VALLEY	HATFIELD	HATFIELD- WHATLEY- INTERSTATE MAINTENANCE & RELATED WORK ON I-91	2	IM	\$11,469,600	\$10,322,640	\$1,146,960	Pre 25%
<b>► NHS</b>							<b>IM Subtotal</b>			
2016	607176	CENTRAL MASSACHUSETT S	SHREWSBURY	SHREWSBURY - NORTHBOROUGH - WESTBOROUGH RESURFACING AND RELATED WORK ON ROUTE 9	3	NHS	\$13,392,086	\$10,713,669	\$2,678,417	Construction / Design Status = TBD / Total Project Cost = \$13,392,086
2016	607473	CENTRAL MASSACHUSETT S	WEST BROOKFIELD	WEST BROOKFIELD - BROOKFIELD RESURFACING AND RELATED WORK ON ROUTE 9	3	NHS	\$1,994,181	\$1,595,345	\$398,836	Construction / Design Status = TBD / Total Project Cost = \$1,994,181
<b>► OTHER</b>							<b>NHS Subtotal</b>			
2016	0	BOSTON REGION	MULTIPLE	ACCELERATED BRIDGE PROGRAM- BRIDGE	8	OTHER	\$150,000,000	\$0	\$0	Year 2 of 8 of GANS payments for ABP
<b>► SRTS</b>							<b>OTHER Subtotal</b>			
2016	0	BOSTON REGION	EVERETT	EVERETT- SAFE ROUTES TO SCHOOL (MADELAINE ENGLISH)	4	SRTS	\$650,000	\$520,000	\$130,000	
2016	0	BOSTON REGION	REVERE	REVERE- SAFE ROUTES TO SCHOOL (GARFIELD ELEMENTARY & MIDDLE SCHOOL)	4	SRTS	\$650,000	\$520,000	\$130,000	
2016	0	BOSTON REGION	WATERTOWN	WATERTOWN- SAFE ROUTES TO SCHOOL (HOSMER ELEMENTARY)	4	SRTS	\$650,000	\$520,000	\$130,000	
<b>► STATEWIDE CMAQ</b>							<b>SRTS Subtotal</b>			
2016	602462	BOSTON REGION	HOLLISTON	HOLLISTON- SIGNAL INSTALLATION AT ROUTE 16/126 AND OAK STREET	3	STATEWIDE CMAQ	\$1,080,000	\$864,000	\$216,000	
2016	601579	BOSTON REGION	WAYLAND	WAYLAND- SIGNAL & INTERSECTION IMPROVEMENTS AT ROUTE 27 (MAIN STREET) AND ROUTE 30 (COMMONWEALTH ROAD)	3	STATEWIDE CMAQ	\$1,980,616	\$1,584,493	\$396,123	
2016	605189	BOSTON REGION	CONCORD	CONCORD- BRUCE FREEMAN RAIL TRAIL CONSTRUCTION (PHASE II-C)	4	STATEWIDE CMAQ	\$5,975,191	\$4,780,153	\$1,195,038	
2016	602165	BOSTON REGION	STONEHAM	STONEHAM- SIGNAL & INTERSECTION IMPROVEMENTS AT ROUTE 28/NORTH STREET	4	STATEWIDE CMAQ	\$3,394,073	\$2,715,258	\$678,815	
2016	606316	BOSTON REGION	BROOKLINE	BROOKLINE- PEDESTRIAN BRIDGE REHABILITATION, B-27-016, OVER MBTA OFF CARLTON STREET	6	STATEWIDE CMAQ	\$2,071,988	\$1,657,590	\$414,398	
2016	603251	CENTRAL MASSACHUSETT S	WORCESTER	WORCESTER - SIGNAL & INTERSECTION IMPROVEMENTS @ HOLDEN STREET, DRUMMOND AVENUE & SHORE DRIVE	3	STATEWIDE CMAQ	\$1,134,002	\$907,202	\$226,800	Construction / Design Stage = Preliminary / CMAQ + Statewide CMAQ Total Project Cost = \$1,674,802 / Additional funding is provided under CMAQ



YR	MassDOT Project ID	MPO	Municipality Name	MassDOT Project Description	District	Funding Source	Total Programmed Funds	Federal Funds	Non-Federal Funds	Additional Information
2016	0	BOSTON REGION	MULTIPLE	RED LINE-BLUE LINE CONNECTOR DESIGN	8	OTHER	\$10,000,000	\$0	\$10,000,000	MassDOT made a formal request on Aug. 1, 2011, to remove this project from the State Implementation Plan regulation. The MPO is continuing to reference this project in the document until the process is complete.
2016	0	BOSTON REGION	MULTIPLE	GREEN LINE EXTENSION PROJECT- EXTENSION TO COLLEGE AVENUE WITH THE UNION SQUARE SPUR	8	OTHER	\$429,584,000	\$0	\$329,584,000	The Green Line Extension project is currently in the New Starts pipeline and the Commonwealth anticipates a decision in a Full Funding Grant Agreement in FFY 2015. The cash flows for the project, therefore, provide 100% bond funding for FFYs 2013-14 and b
<b>OTHER Subtotal</b>							\$629,584,000	\$0	\$529,584,000	
<b>SECTION 2A / NON-FEDERAL PROJECTS TOTALS</b>							\$629,584,000	\$0	\$529,584,000	

STATEWIDE ADA IMPLEMENTATION PLAN

STP-Flex

2016	607035	STATEWIDE	STATEWIDE	DISTRICT 1- ADA RETROFITS AT VARIOUS LOCATIONS	NA	STP-Flex	\$340,000	\$314,815	\$0	
2016	607036	STATEWIDE	STATEWIDE	DISTRICT 2- ADA RETROFITS AT VARIOUS LOCATIONS	NA	STP-Flex	\$740,000	\$685,185	\$0	
2016	607038	STATEWIDE	STATEWIDE	DISTRICT 3- ADA RETROFITS AT VARIOUS LOCATIONS	NA	STP-Flex	\$1,280,000	\$1,185,185	\$0	
2016	607042	STATEWIDE	STATEWIDE	DISTRICT 6- ADA RETROFITS AT VARIOUS LOCATIONS	NA	STP-Flex	\$1,640,000	\$1,518,519	\$0	
<b>STP-FLEX Subtotal</b>							\$4,000,000	\$3,703,704	\$0	
<b>STATEWIDE ADA IMPLEMENTATION PLAN TOTALS</b>							\$4,000,000	\$3,703,704	\$0	

STATEWIDE BRIDGE REPL / REHAB PROGRAM

BR-OFF System

2016	607118	STATEWIDE	STATEWIDE	HEATH- SUPERSTRUCTURE REPLACEMENT, H-14-009, SADOGA ROAD OVER THE BURRINGTON BROOK	NA	BR-OFF System	\$1,684,800	\$1,560,000	\$0	
2016	603778	STATEWIDE	STATEWIDE	LANESBOROUGH- BRIDGE REPLACEMENT, L-03-024, NARRAGANSETT AVENUE OVER PONTOOSUC LAKE	NA	BR-OFF System	\$1,807,193	\$1,673,327	\$0	
2016	607113	STATEWIDE	STATEWIDE	DUDLEY- BRIDGE REPLACEMENT, D-12-009, CARPENTER ROAD OVER ABANDONED RR	NA	BR-OFF System	\$1,808,730	\$1,674,750	\$0	
2016	606303	STATEWIDE	STATEWIDE	RUTLAND- BRIDGE SUPERSTRUCTURE REPLACEMENT, R-14-004, INTERVALLE ROAD OVER EAST BRANCH OF WARE RIVER	NA	BR-OFF System	\$1,814,400	\$1,680,000	\$0	
2016	604468	STATEWIDE	STATEWIDE	WEST BROOKFIELD- BRIDGE REPLACEMENT, W-19-008, WICKABOAG VALLEY ROAD OVER SUCKER BROOK	NA	BR-OFF System	\$2,376,648	\$2,200,600	\$0	



2016

YR	MassDOT Project ID	MPO	Municipality Name	MassDOT Project Description	District	Funding Source	Total Programmed Funds	Federal Funds	Non-Federal Funds	Additional Information
2016	603477	STATEWIDE	STATEWIDE	SOUTHWICK- INTERSECTION IMPROVEMENTS AT FOUR LOCATIONS ON ROUTE 57 (FEEDING HILLS ROAD)	2	Statewide CMAQ	\$2,332,800	\$2,160,000	\$0	
2016	606555	STATEWIDE	STATEWIDE	NORTHAMPTON- ROUNDABOUT CONSTRUCTION AT INTERSECTION ROUTES 5/10 (NORTH KING STREET) & HATFIELD STREET	2	Statewide CMAQ	\$3,150,360	\$2,917,000	\$0	
2016	602462	STATEWIDE	STATEWIDE	HOLLISTON- SIGNAL INSTALLATION AT ROUTE 16/126 AND OAK STREET	3	Statewide CMAQ	\$1,080,000	\$1,000,000	\$0	
2016	603251	STATEWIDE	STATEWIDE	WORCESTER- SIGNAL & INTERSECTION IMPROVEMENTS @ HOLDEN STREET, DRUMMOND AVENUE & SHORE DRIVE	3	Statewide CMAQ	\$1,134,002	\$1,050,002	\$0	
2016	601579	STATEWIDE	STATEWIDE	WAYLAND- SIGNAL & INTERSECTION IMPROVEMENTS AT ROUTE 27 (MAIN STREET) AND ROUTE 30 (COMMONWEALTH ROAD)	3	Statewide CMAQ	\$1,980,616	\$1,833,904	\$0	
2016	606026	STATEWIDE	STATEWIDE	DISTRICT 4- TRAFFIC SIGNAL REPLACEMENT & FIBER-OPTIC LED CONVERSION AT VARIOUS LOCATIONS	4	Statewide CMAQ	\$1,151,788	\$1,066,470	\$0	
2016	602165	STATEWIDE	STATEWIDE	STONEHAM- SIGNAL & INTERSECTION IMPROVEMENTS AT ROUTE 28/NORTH STREET	4	Statewide CMAQ	\$3,394,073	\$3,142,660	\$0	
2016	605181	STATEWIDE	STATEWIDE	METHUEN- INTERCHANGE RECONSTRUCTION ON I-93 AT ROUTE 110/113 ROTARY, INCLUDING REMOVAL OF M-17-017 & M-17-018, REHAB OF M-17-007 & NEW BRIDGE CONSTRUCTION OF M-17-040	4	Statewide CMAQ	\$3,499,178	\$59,892,000	\$0	
2016	605189	STATEWIDE	STATEWIDE	CONCORD- BRUCE FREEMAN RAIL TRAIL CONSTRUCTION, FROM COMMONWEALTH AVENUE TO POWDER MILL ROAD, INCLUDES 2 RAILROAD BRIDGES & 1 CULVERT (PHASE II-C)	4	Statewide CMAQ	\$5,975,191	\$5,532,584	\$0	
2016	605367	STATEWIDE	STATEWIDE	TAUNTON- INTERSECTION IMPROVEMENTS AT THE HON. GORDON M. OWEN RIVERWAY & WILLIAMS STREET	5	Statewide CMAQ	\$1,620,000	\$1,500,000	\$0	
2016	605679	STATEWIDE	STATEWIDE	TAUNTON- INTERSECTION IMPROVEMENTS @ ROUTE 140 (COUNTY STREET) & HART STREET	5	Statewide CMAQ	\$1,815,134	\$1,680,680	\$0	
2016	606107	STATEWIDE	STATEWIDE	DISTRICT 6- SCHEDULED & EMERGENCY TRAFFIC SIGNAL REPAIRS AT VARIOUS LOCATIONS	6	Statewide CMAQ	\$605,102	\$560,280	\$0	
2016	606316	STATEWIDE	STATEWIDE	BROOKLINE- PEDESTRIAN BRIDGE REHABILITATION, B-27-016, OVER MBTA OFF CARLTON STREET	NA	Statewide CMAQ	\$2,071,988	\$1,918,508	\$0	
2016	0	STATEWIDE	STATEWIDE	MassRides -- Travel Options Program	NA	Statewide CMAQ	\$2,762,128	\$0	\$0	
2016	607254	STATEWIDE	STATEWIDE	NORTH ADAMS-WILLIAMSTOWN - MOHAWK BICYCLE/PEDESTRIAN TRAIL	NA	Statewide CMAQ	\$4,898,880	\$4,536,000	\$0	
2016	0	STATEWIDE	STATEWIDE	Projects TBD	NA	Statewide CMAQ	\$16,500,000	\$0	\$0	
							<b>STATEWIDE CMAQ Subtotal</b>	\$58,275,310	\$92,775,339	\$0
							<b>STATEWIDE CMAQ TOTALS</b>	\$58,275,310	\$92,775,339	\$0

STATEWIDE HSIP PROGRAM

2016	607495	STATEWIDE	STATEWIDE	Statewide- Sign upgrade (for retroreflectivity) on secondary roadway	NA	HSIP	\$5,161,000	\$4,748,120	\$0	
2016	606620	STATEWIDE	STATEWIDE	Statewide- Taunton to Bolton I-495 Traffic Sign Replacement	NA	HSIP	\$5,950,000	\$5,474,000	\$0	



2016

YR	MassDOT Project ID	MPO	Municipality Name	MassDOT Project Description	District	Funding Source	Total Programmed Funds	Federal Funds	Non-Federal Funds	Additional Information	
2016	606930	STATEWIDE	STATEWIDE	HOV Lane Tow Truck Services for 2 years (Year 2)	NA	STP-Flex	\$350,000	\$324,074	\$0		
2016	606942	STATEWIDE	STATEWIDE	Highway Assistance Patrols - area 4 - year 2	NA	STP-Flex	\$400,000	\$370,370	\$0		
2016	606943	STATEWIDE	STATEWIDE	Highway Assistance Patrols - area 5 - year 2	NA	STP-Flex	\$400,000	\$370,370	\$0		
2016	606939	STATEWIDE	STATEWIDE	Highway Assistance Patrols - area 1 - year 2	NA	STP-Flex	\$450,000	\$416,667	\$0		
2016	606940	STATEWIDE	STATEWIDE	Highway Assistance Patrols - area 2 - year 2	NA	STP-Flex	\$450,000	\$416,667	\$0		
2016	606941	STATEWIDE	STATEWIDE	Highway Assistance Patrols - area 3 - year 2	NA	STP-Flex	\$450,000	\$416,667	\$0		
2016	606931	STATEWIDE	STATEWIDE	HOV lane BTV Operator Contract, 2 year contract (year 2)	NA	STP-Flex	\$800,000	\$740,741	\$0		
							<b>STP-FLEX Subtotal</b>	\$3,333,334	\$0		
							<b>STATEWIDE ITS TOTALS</b>	\$13,100,000	\$12,245,630	\$0	

STATEWIDE NHS PRESERVATION PROGRAM

<b>NHPP</b>											
2016	607473	STATEWIDE	STATEWIDE	WEST BROOKFIELD-BROOKFIELD RESURFACING AND RELATED WORK ON RT. 9	NA	NHPP	\$1,994,181	\$1,846,464	\$0		
2016	607175	STATEWIDE	STATEWIDE	PLYMOUTH - RESURFACING AND RELATED WORK ON ROUTE 3	NA	NHPP	\$11,310,173	\$10,472,382	\$0		
2016	607176	STATEWIDE	STATEWIDE	SHREWSBURY - WESTBOROUGH RESURFACING AND RELATED WORK ON ROUTE 9	NA	NHPP	\$13,392,086	\$12,400,080	\$0		
							<b>NHPP Subtotal</b>	\$26,696,440	\$24,718,926	\$0	
							<b>STATEWIDE NHS PRESERVATION PROGRAM TOTALS</b>	\$26,696,440	\$24,718,926	\$0	

STATEWIDE SAFE ROUTES TO SCHOOLS PROGRAM

<b>SRTS</b>										
2016	0	STATEWIDE	STATEWIDE	SRTS - Education	NA	SRTS	\$904,283	\$904,283	\$0	
<b>TAP</b>										
2016	602912	STATEWIDE	CHICOPEE	Chicopee-Chicopee River Riverwalk Multi-Use Path Construction, From Grape Street To Front Street (Near Ellerton Street)	2	TAP	\$1,785,780	\$1,428,624	\$357,156	
2016	603730	STATEWIDE	WEST SPRINGFIELD	West Springfield- Connecticut Riverwalk & Bikeway Extension, From Elm Street To Doty Circle, Includes Pedestrian Bridge W-21-020	2	TAP	\$1,640,736	\$1,312,589	\$328,147	





2016

YR	MassDOT Project ID	MPO	Municipality Name	MassDOT Project Description	District	Funding Source	Total Programmed Funds	Federal Funds	Non-Federal Funds	Additional Information
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**Total Federal Funds    Total Non-Federal Fund    Total Programmed Funds**

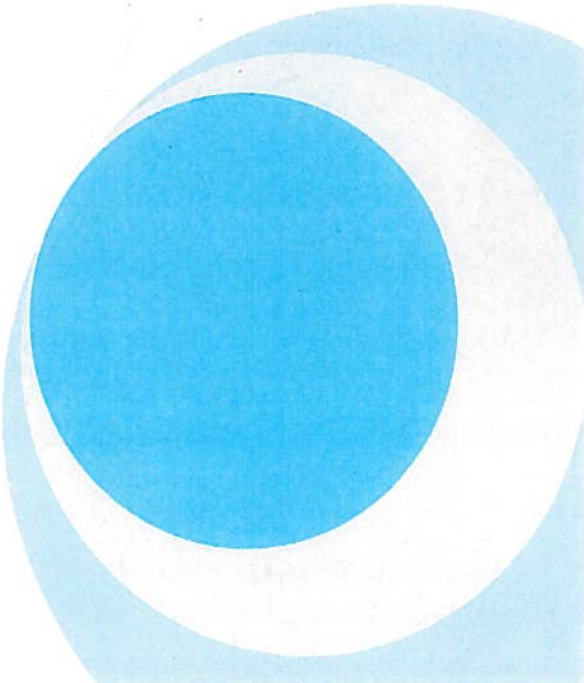
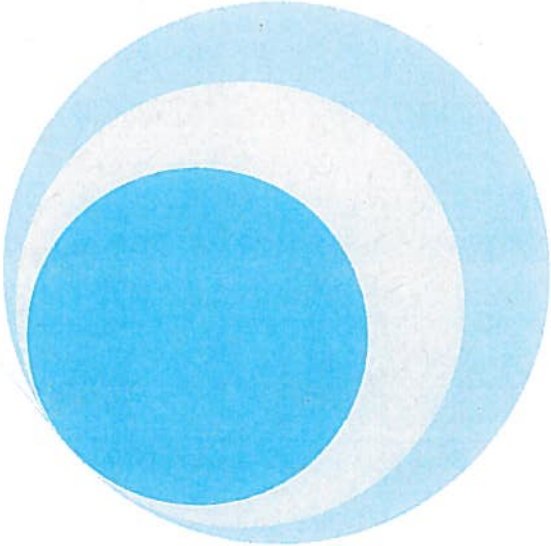
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\$602,612,337.40

\$1,453,139,266.00



**Projects Funded with  
Federal Transit Funds**

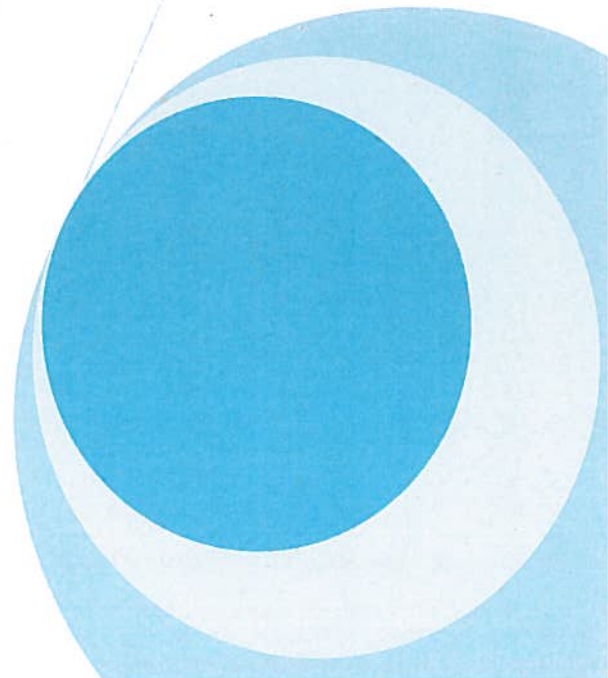
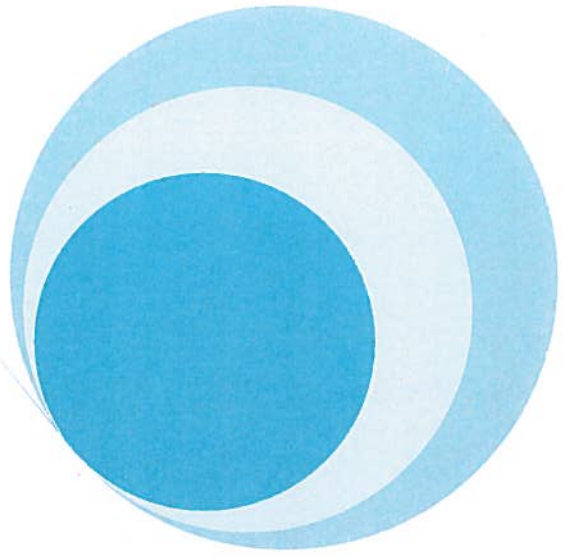


**Statewide Transportation Improvement Program (STIP)  
Project List (FY2016)**

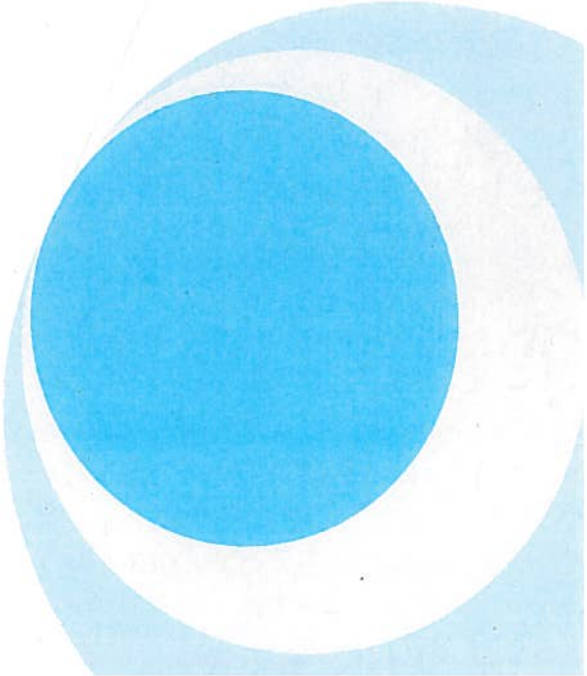
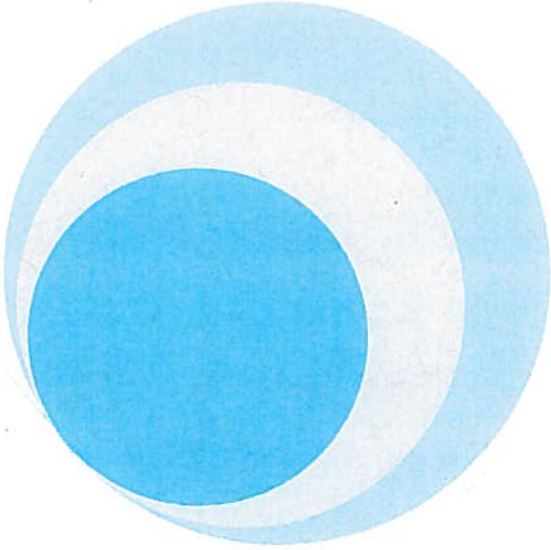
FTA Program	Transit Agency	Project Description	Carryover or Earmark	FTA Activity Line Item	RTACAP	MAP	ITCCAP	TDC	SCA	Local Funds	Total Cost
5307	Cape Cod Regional Transit Authority (CRTA)	REHAB/RENOVATE BUS STATIONS	2013, 2014	113400	\$109,180	\$0	\$0	\$0	\$0	\$0	\$545,900
5307	Cape Cod Regional Transit Authority (CRTA)	ACQUISITION OF BUS SUPPORT EQUIP/FACILITIES	2014	114200	\$672,180	\$0	\$0	\$0	\$0	\$0	\$865,225
5307	Cape Cod Regional Transit Authority (CRTA)	ACQUIRE - ADP HARDWARE	2014	114207	\$11,000	\$0	\$0	\$0	\$0	\$0	\$55,000
5307	Cape Cod Regional Transit Authority (CRTA)	CONSTRUCT BICYCLE ACCESS, FACIL & EQUIP ON BUSES	2014	119306	\$44,436	\$0	\$0	\$0	\$0	\$0	\$53,045
5307	Cape Cod Regional Transit Authority (CRTA)	NON FIXED ROUTE ADA PARA SERV	2013	117C00	\$511,463	\$0	\$0	\$0	\$127,866	\$0	\$639,329
5307	Cape Cod Regional Transit Authority (CRTA)	MOBILITY MANAGEMENT	2013	117L00	\$1,095,574	\$0	\$0	\$0	\$0	\$0	\$1,369,468
5307	Cape Cod Regional Transit Authority (CRTA)	PREVENTIVE MAINTENANCE	2014	117A00	\$2,133,446	\$0	\$0	\$0	\$0	\$0	\$2,666,807
5307	Cape Cod Regional Transit Authority (CRTA)	OPERATING ASSISTANCE	2013	300900	\$700,000	\$0	\$0	\$0	\$0	\$0	\$1,400,000
5307	Cape Cod Regional Transit Authority (CRTA)	CONSTRUCT LANDSCAPING / SCENIC BEAUTIFICATION	2014	119303	\$2,459,295	\$5,689	\$0	\$0	\$0	\$0	\$2,464,984
5307	Merrimack Valley Regional Transit Authority (MVRTA)	Preventive Maintenance Expense	2015	119303	\$2,459,295	\$5,689	\$0	\$0	\$0	\$0	\$2,464,984
5307	Merrimack Valley Regional Transit Authority (MVRTA)	ADA Operating Expense	2015	119303	\$1,133,190	\$0	\$0	\$0	\$0	\$0	\$1,133,190
5307	Merrimack Valley Regional Transit Authority (MVRTA)	Rehab/Renovation: Buckley Transportation Center Lawrence	2015	114403	\$412,000	\$103,000	\$0	\$0	\$0	\$0	\$515,000
5307	Merrimack Valley Regional Transit Authority (MVRTA)	Purchase - Replacement: Buses 5 Model Year 2004 Delivery FY 2016	2015	114209	\$1,680,000	\$420,000	\$0	\$0	\$0	\$0	\$2,100,000
5307	Merrimack Valley Regional Transit Authority (MVRTA)	Purchase - Replacement: Buses 8 Model Year 2004 Delivery FY 2016	2015	114209	\$2,688,000	\$672,000	\$0	\$0	\$0	\$0	\$3,360,000
5307	Merrimack Valley Regional Transit Authority (MVRTA)	Purchase - Replacement: Buses 5 Model Year 2004 Delivery FY 2016	2014, 2015	114209	\$1,680,000	\$420,000	\$0	\$0	\$0	\$0	\$2,100,000
5307	Berkshire Regional Transit Authority (BRTA)	Rehab/Renovation: [Unspecified Facility]	2015	114301	\$120,000	\$30,000	\$0	\$0	\$0	\$0	\$150,000
5307	Berkshire Regional Transit Authority (BRTA)	Transit Enhancements: [Unspecified]	2015	114403	\$20,000	\$5,000	\$0	\$0	\$0	\$0	\$25,000
5307	Berkshire Regional Transit Authority (BRTA)	Rehab/Renovation: Surveillance/Security	2015	114409	\$20,800	\$5,200	\$0	\$0	\$0	\$0	\$26,000
5307	Berkshire Regional Transit Authority (BRTA)	Replacement support vehicles	2015	114406	\$20,000	\$5,000	\$0	\$0	\$0	\$0	\$25,000
5307	Berkshire Regional Transit Authority (BRTA)	Rehab/Renovation: Shop Equipment	2015	114211	\$60,000	\$15,000	\$0	\$0	\$0	\$0	\$75,000
5307	Berkshire Regional Transit Authority (BRTA)	Preventive Maintenance	2015	117A00	\$80,000	\$20,000	\$0	\$0	\$0	\$0	\$100,000
5307	MetroWest Regional Transit Authority (MWRTA)	PURCHASE SIGNAGE	2015	119208	\$5,878	\$1,470	\$0	\$0	\$0	\$0	\$7,348
5307	MetroWest Regional Transit Authority (MWRTA)	ACQUISITION OF BUS SUPPORT EQUIP/FACILITIES	2015	114200	\$20,000	\$5,000	\$0	\$0	\$0	\$0	\$25,000
5307	MetroWest Regional Transit Authority (MWRTA)	ACQUIRE - MOBILE SURV/SECURITY EQUIP	2015	114209	\$10,000	\$2,500	\$0	\$0	\$0	\$0	\$12,500
5307	MetroWest Regional Transit Authority (MWRTA)	NON FIXED ROUTE ADA PARA SERV	2015	117C00	\$800,000	\$0	\$0	\$0	\$0	\$0	\$1,600,000
5307	Massachusetts Bay Transportation Authority (MBTA)	PREVENTIVE MAINTENANCE	2015	117A00	\$12,000,000	\$0	\$0	\$0	\$0	\$0	\$15,000,000
5307	Massachusetts Bay Transportation Authority (MBTA)	HEAVY RAIL CARS - Red/Orange Lines	2015	121221	\$64,000,000	\$0	\$0	\$0	\$0	\$0	\$80,000,000
5307	Massachusetts Bay Transportation Authority (MBTA)	Systems Upgrades	2015	119400	\$58,685,516	\$0	\$0	\$0	\$0	\$0	\$73,356,895
5307	Cape Ann Transportation Authority (CATA)	ACQUIRE - SUPPORT VEHICLES	2015	114211	\$24,000	\$6,000	\$0	\$0	\$0	\$0	\$30,000
5307	Cape Ann Transportation Authority (CATA)	REHAB/RENOVATE BUS SUPPORT FACIL/EQUIP	2015	114406	\$112,000	\$28,000	\$0	\$0	\$0	\$0	\$140,000
5307	Cape Ann Transportation Authority (CATA)	REHAB/RENOVATE - SHOP EQUIPMENT	2015	114406	\$8,000	\$2,000	\$0	\$0	\$0	\$0	\$10,000
5307	Cape Ann Transportation Authority (CATA)	PREVENTIVE MAINTENANCE	2015	117A00	\$32,000	\$8,000	\$0	\$0	\$0	\$0	\$40,000
5307	Worcester Regional Transit Authority (WRTA)	Purchase - Replacement: Vans	2015	117C00	\$2,400	\$5,600	\$0	\$0	\$0	\$0	\$8,000
5307	Worcester Regional Transit Authority (WRTA)	ADA Operating Projects	2015	117C00	\$866,917	\$0	\$0	\$0	\$0	\$0	\$1,083,646
5307	Worcester Regional Transit Authority (WRTA)	Preventive Maintenance	2015	117A00	\$3,603,618	\$0	\$0	\$0	\$0	\$0	\$4,504,323
5307	Worcester Regional Transit Authority (WRTA)	Project Administration	2015	117900	\$53,432	\$0	\$0	\$0	\$0	\$0	\$66,790
5307	Worcester Regional Transit Authority (WRTA)	Transportation Planning	2015	442400	\$266,266	\$0	\$0	\$0	\$0	\$0	\$332,833
5307	Worcester Regional Transit Authority (WRTA)	Purchase - Support Vehicle	2015	117C00	\$60,000	\$15,000	\$0	\$0	\$0	\$0	\$75,000
5307	Worcester Regional Transit Authority (WRTA)	Purchase - Miscellaneous Support Equipment	2015	114209	\$80,000	\$20,000	\$0	\$0	\$0	\$0	\$100,000
5307	Worcester Regional Transit Authority (WRTA)	Spare Parts / Associated Capital Maintenance	2015	114209	\$180,237	\$45,059	\$0	\$0	\$0	\$0	\$225,296
5307	Worcester Regional Transit Authority (WRTA)	Computer Technologies - Software	2015	442400	\$160,000	\$40,000	\$0	\$0	\$0	\$0	\$200,000
5307	Worcester Regional Transit Authority (WRTA)	Computer Technologies - Hardware	2015	442400	\$100,000	\$10,000	\$0	\$0	\$0	\$0	\$110,000
5307	Worcester Regional Transit Authority (WRTA)	Enhancements - Shelters	2015	117C00	\$30,000	\$7,500	\$0	\$0	\$0	\$0	\$37,500
5307	Worcester Regional Transit Authority (WRTA)	Enhancements - Signage	2015	117C00	\$30,000	\$7,500	\$0	\$0	\$0	\$0	\$37,500
5307	Montachusett Regional Transit Authority (MART)	Purchase - Expansion: Buses (3)	2015	111301	\$940,000	\$235,000	\$0	\$0	\$0	\$0	\$1,175,000
5307	Montachusett Regional Transit Authority (MART)	Purchase - Replacement: Vans	2015	111215	\$440,000	\$110,000	\$0	\$0	\$0	\$0	\$550,000
5307	Montachusett Regional Transit Authority (MART)	ACQUIRE - MISC SUPPORT EQUIPMENT	2015	114220	\$320,000	\$80,000	\$0	\$0	\$0	\$0	\$400,000
5307	Montachusett Regional Transit Authority (MART)	REHAB/RENOVATE - MAINTENANCE FACILITY	2015	114402	\$40,000	\$10,000	\$0	\$0	\$0	\$0	\$50,000
5307	Montachusett Regional Transit Authority (MART)	REHAB/RENOVATE - BUS PARK & RIDE LOT	2015	113404	\$40,000	\$10,000	\$0	\$0	\$0	\$0	\$50,000
5307	Lowell Regional Transit Authority (LRTA)	UP TO 50% FEDERAL SHARE	2014, 2015	300901	\$1,663,588	\$0	\$0	\$0	\$1,163,588	\$0	\$2,827,176
5307	Lowell Regional Transit Authority (LRTA)	Operating Assistance 2016	2014, 2015	300901	\$1,663,686	\$0	\$0	\$0	\$1,663,686	\$0	\$3,327,372
5307	Lowell Regional Transit Authority (LRTA)	Purchase - Capital Spare Parts	2014, 2015	111240	\$104,000	\$26,000	\$0	\$0	\$0	\$0	\$130,000
5307	Lowell Regional Transit Authority (LRTA)	SHORT RANGE TRANSIT PLANNING 2016	2014, 2015	442400	\$80,000	\$0	\$0	\$0	\$0	\$20,000	\$100,000
5307	Greater Attleboro-Taunton Regional Transit Authority (GATRA)	PREVENTIVE MAINTENANCE 2016	2016	111203	\$1,078,440	\$0	\$0	\$0	\$0	\$0	\$1,348,050
5307	Greater Attleboro-Taunton Regional Transit Authority (GATRA)	Purchase - Replacement: Buses - 5	2016	111203	\$849,000	\$206,000	\$0	\$0	\$0	\$0	\$1,055,000
5307	Greater Attleboro-Taunton Regional Transit Authority (GATRA)	Purchase - Replacement: Vans - 8	2016	111215	\$500,000	\$125,000	\$0	\$0	\$0	\$0	\$625,000
5307	Greater Attleboro-Taunton Regional Transit Authority (GATRA)	Purchase - Replacement: Vans - 8	2016	111215	\$2,400,000	\$600,000	\$0	\$0	\$0	\$0	\$3,000,000
5307	Greater Attleboro-Taunton Regional Transit Authority (GATRA)	Plymouth ITC Construction Year 1	2016	119301	\$37,500	\$0	\$0	\$0	\$0	\$0	\$37,500
5307	Greater Attleboro-Taunton Regional Transit Authority (GATRA)	CONSTRUCT LANDSCAPING / SCENIC BEAUTIFICATION	2016	119303	\$37,500	\$0	\$0	\$0	\$0	\$0	\$37,500
5307	Greater Attleboro-Taunton Regional Transit Authority (GATRA)	ACQUIRE - MOBILE SURV/SECURITY EQUIP	2016	114209	\$6,000	\$0	\$0	\$0	\$0	\$0	\$30,000

Other Non-Federal	Nantucket Regional Transit Authority (NRTA)	111203	BUY REPLACEMENT 30-FT BUS	\$0	\$480,000	\$0	\$0	\$0	\$0	\$480,000	\$0	\$0	\$0
Other Non-Federal	Nantucket Regional Transit Authority (NRTA)	114407	REHAB/RENOVATE - ADP HARDWARE	\$0	\$50,000	\$0	\$0	\$0	\$0	\$50,000	\$0	\$0	\$0
Other Non-Federal	Nantucket Regional Transit Authority (NRTA)	114402	REHAB/RENOVATE - MAINTENANCE FACILITY	\$0	\$45,000	\$0	\$0	\$0	\$0	\$45,000	\$0	\$0	\$0
Other Non-Federal	Nantucket Regional Transit Authority (NRTA)	114402	Construction: Maintenance/Storage Facility	\$0	\$120,000	\$0	\$0	\$0	\$0	\$120,000	\$0	\$0	\$0
Other Non-Federal	Nantucket Regional Transit Authority (NRTA)	119302	CONSTRUCTION - BUS SHELTERS	\$0	\$50,000	\$0	\$0	\$0	\$0	\$50,000	\$0	\$0	\$0
Other Non-Federal	Martha's Vineyard Transit Authority (VTA)	111201	Purchase - Replacement: Buses	\$0	\$975,000	\$0	\$0	\$0	\$0	\$975,000	\$0	\$0	\$0
Other Non-Federal	Martha's Vineyard Transit Authority (VTA)	111215	Purchase - Replacement: Vans	\$0	\$15,000	\$0	\$0	\$0	\$0	\$15,000	\$0	\$0	\$0
Other Non-Federal	Martha's Vineyard Transit Authority (VTA)	113420	Rehab/Renovation: [Unspecified Facility]	\$0	\$50,000	\$0	\$0	\$0	\$0	\$50,000	\$0	\$0	\$0
Other Non-Federal	Martha's Vineyard Transit Authority (VTA)	114406	Rehab/Renovation: Shop Equipment	\$0	\$100,000	\$0	\$0	\$0	\$0	\$100,000	\$0	\$0	\$0
Other Non-Federal	Martha's Vineyard Transit Authority (VTA)	111403	Rehab/Rebuild: Buses	\$0	\$500,000	\$0	\$0	\$0	\$0	\$500,000	\$0	\$0	\$0
Other Non-Federal	Martha's Vineyard Transit Authority (VTA)	113403	Rehab/Renovation: Terminal, Intermodal	\$0	\$10,000	\$0	\$0	\$0	\$0	\$10,000	\$0	\$0	\$0
Other Non-Federal	Franklin Regional Transit Authority (FRTA)	116402	Rehab/Renovation: Communications Systems	\$0	\$100,000	\$0	\$0	\$0	\$0	\$100,000	\$0	\$0	\$0
Other Non-Federal	Franklin Regional Transit Authority (FRTA)	114409	Rehab/Renovation: Surveillance/Security	\$0	\$10,000	\$0	\$0	\$0	\$0	\$10,000	\$0	\$0	\$0
Other Non-Federal	Franklin Regional Transit Authority (FRTA)	114411	Rehab/Renovation: Support Vehicles	\$0	\$45,000	\$0	\$0	\$0	\$0	\$45,000	\$0	\$0	\$0
Other Non-Federal	Franklin Regional Transit Authority (FRTA)	114406	Rehab/Renovation: Shop Equipment	\$0	\$10,000	\$0	\$0	\$0	\$0	\$10,000	\$0	\$0	\$0
Other Non-Federal	Franklin Regional Transit Authority (FRTA)	114403	Rehab/Renovation: Admin/Maint Facility	\$0	\$12,000	\$0	\$0	\$0	\$0	\$12,000	\$0	\$0	\$0
			Subtotal	\$0	\$3,472,000	\$0	\$0	\$0	\$0	\$642,000	\$0	\$0	\$0
			Total	\$327,788,866	\$8,844,303	\$0	\$0	\$247,900	\$20,292,188	\$68,250,733	\$425,340,810	\$4,756,000	\$0

**Federal Fiscal Year  
2017**



**Projects Funded with  
Federal Highway Funds**



STATE TRANSPORTATION IMPROVEMENT PROGRAM FOR FY YEAR = 2017

2017

YR	MassDOT Project ID	MPO	Municipality Name	MassDOT Project Description	District	Funding Source	Total Programmed Funds	Federal Funds	Non-Federal Funds	Additional Information	
<b>FA BRIDGE PRESERVATION</b>											
2017	607512	STATEWIDE	NORTH ADAMS	NORTH ADAMS- SYSTEMATIC BRIDGE MAINTENANCE, N-14-019, ROUTE 8A (HODGES CROSS RD.) OVER SOUTH BRANCH HOOSIC RIVER	NA	FA	\$309,994	\$276,780	\$0		
2017	606075	STATEWIDE	OXFORD	OXFORD-STRUCTURAL STEEL CLEANING AND PAINTING AND OTHER RELATED WORK; BRIDGE NO. O-06-036 I-395 OVER DANA ROAD AND BRIDGE NO. O-06-037 I-395 SB OVER FEDERAL HILL ROAD	NA	FA	\$1,519,954	\$1,357,102	\$0		
2017	607517	STATEWIDE	STATEWIDE	DISTRICT 2- SYSTEMATIC BRIDGE MAINTENANCE AT VARIOUS LOCATIONS (2017)	NA	FA	\$1,849,963	\$1,651,753	\$0		
2017	607499	STATEWIDE	STATEWIDE	DISTRICT 6- SYSTEMATIC BRIDGE MAINTENANCE ON SR 3	NA	FA	\$1,874,880	\$1,674,000	\$0		
2017	607514	STATEWIDE	STATEWIDE	BRIDGE CLEANING ALONG THE RTE. 24 AND RTE. 3 CORRIDORS	NA	FA	\$1,899,990	\$1,696,420	\$0		
2017	607507	STATEWIDE	WAKEFIELD	WAKEFIELD - BRIDGE DECK REPLACEMENT BRIDGE NO. W-01-021 (2IME), HOPKINS STREET OVER I-95 / ST.128	NA	FA	\$2,469,936	\$2,205,300	\$0		
							<b>FA Subtotal</b>	\$9,924,717	\$8,861,354	\$0	
							<b>FA BRIDGE PRESERVATION TOTALS</b>	\$9,924,717	\$8,861,354	\$0	

SECTION 1A / FEDERAL AID TARGET PROJECTS

CMAQ	Berkshire	Boston Region	Boston	Barnstable	Worcester	Massachusetts				
2017	606890	Berkshire	Adams	ADAMS, NORTH ADAMS - ASHUWILLTICOOK RAIL TRAIL EXTENSION (LIME ST TO HODGES CROSS RD)	1	CMAQ	\$1,334,867	\$1,067,894	\$266,973	Design & Construction; Total project cost = \$3,322,537; SAFETEA-LU, HPP 2850 - MA Berkshire County Bike Paths, Design & Construction - \$4,000,000
2017	606460	Boston Region	Boston	BOSTON- IMPROVEMENTS AT AUDUBON CIRCLE	6	CMAQ	\$2,991,236	\$2,392,989	\$598,247	CMAQ-TAP Total Cost = \$5,539,955
2017	606272	Cape Cod	Barnstable	BARNSTABLE- INTERSECTION IMPROVEMENTS AT TYANNOUGH ROAD (ROUTE 28) AND YARMOUTH ROAD	5	CMAQ	\$2,688,000	\$2,150,400	\$537,600	TOTAL \$2,400,000 (12% inflation = \$2,688,000) (HSIP, RSA performed; CMAQ. Analysis to be performed upon completion of FDR), outreach
2017	601368	Central Massachusetts	Worcester	WORCESTER - RESURFACING & RELATED WORK ON ROUTE 122 (GRAFTON STREET), FROM WASHINGTON SQUARE TO RICE SQUARE (1.4 MILES)	3	CMAQ	\$3,487,078	\$2,789,662	\$697,416	Construction / Design Status = 25% / TEC Score = 5.1 / HSIP + CMAQ Total Project Cost = \$6,100,000



YR	MassDOT Project ID	MPO	Municipality Name	MassDOT Project Description	District	Funding Source	Total Programmed Funds	Federal Funds	Non-Federal Funds	Additional Information	
2017	607435	CAPE COD	BARNSTABLE	BARNSTABLE- INTERSECTION IMPROVEMENTS @ FALMOUTH ROAD (ROUTE 28) & OSTERVILLE-WEST BARNSTABLE ROAD	5	HSIP	\$2,240,000	\$2,016,000	\$224,000	CONSTRUCTION Total Cost \$2,000,000 (12% inflation = \$2,240,000), pre 25%	
2017	601368	CENTRAL MASSACHUSETTS	WORCESTER	WORCESTER - RESURFACING & RELATED WORK ON ROUTE 122 (GRAFTON STREET), FROM WASHINGTON SQUARE TO RICE SQUARE (1.4 MILES)	3	HSIP	\$3,374,592	\$3,037,133	\$337,459	Construction / Design Status = 25% / TEC Score = 5.1 / HSIP + CMAQ Total Project Cost = \$6,100,000	
2017	607401	NORTHERN MIDDLESEX	CHELMSFORD	CHELMSFORD- TRAFFIC SIGNAL INSTALLATION AT ROUTE 110 & ROUTE 495 (2 LOCATIONS)	4	HSIP	\$631,791	\$568,612	\$63,179	Total project cost at 2017 YOY \$1,313,200 (\$1,172,500) Funding Sources - STP: \$661,409; HSIP: \$631,791	
2017	604203	PIONEER VALLEY	AGAWAM	AGAWAM- INTERSECTION IMPROVEMENTS AT ROUTE 187 & ROUTE 57	2	HSIP	\$1,201,102	\$960,882	\$240,220	8.53 Pre 25% (YOY \$1,680,000)	
2017	607339	SOUTHEASTERN MASSACHUSETTS	ATTLEBORO	ATTLEBORO - INTERSECTION IMPROVEMENTS AT ROUTE 1 (WASHINGTON STREET)/ROUTE 1A (NEWPORT AVENUE) AND ROUTE 123 (HIGHLAND AVENUE)	5	HSIP	\$995,567	\$796,454	\$199,113	HSIP (\$995,567) / CMAQ (\$3,004,433) Total Cost = \$4,000,000; Construction; EC Score 53 Of 93; Status Pre 25% Anticipating Project will be HSIP & CMAQ eligible, pending further analysis.	
							<b>HSIP Subtotal</b>	\$11,656,635	\$1,539,255		
							<b>HSIP-AC Subtotal</b>	\$34,441	\$30,997	\$3,444	AC Year 1 of 2. Estimated total project cost \$835,000, with Year of Expenditure (+ 4% annually) total project cost into FFY2018 \$939,261 using STP, HSIP and CMAQ.
							<b>NHPP-AC</b>	\$21,836,372	\$17,469,098	\$4,367,274	AC Yr 5 of 5; NHS+BR+Statewide Infrastructure Total Cost = \$151,333,710 (\$122,291,802 programmed within FFYs 2014-17 TIP)
							<b>NHPP-AC Subtotal</b>	\$21,836,372	\$17,469,098	\$4,367,274	
							<b>STP</b>	\$3,680,498	\$2,944,398	\$736,100	AC - Year 2 of 2; Total Cost = 8,159,420 MPO evaluation score 3 of 7; Design Status: 75%; YOY 8%
2017	602280	BERKSHIRE	Dalton	DALTON- RECONSTRUCTION OF HOUSATONIC STREET, FROM ROUTE 8 & 9 TO ROUTE 8	1	STP	\$3,680,498	\$2,944,398	\$736,100		
2017	604989	BOSTON REGION	SOUTHBOROUGH	SOUTHBOROUGH- RECONSTRUCTION OF MAIN STREET (RTE 30), FROM SEARS ROAD TO PARK STREET	3	STP	\$5,025,260	\$4,020,208	\$1,005,052		
2017	607405	CAPE COD	CHATHAM	CHATHAM- INTERSECTION IMPROVEMENTS & RELATED WORK AT MAIN STREET (ROUTE 28), DEPOT ROAD, QUEEN ANNE ROAD & CROWELL ROAD	5	STP	\$2,061,236	\$1,648,989	\$412,247	CONSTRUCTION Total Cost \$2,000,000 (12% inflation = \$2,240,000 = \$2,061,236 STP + \$178,764 TAP), pre 25%	





YR	MassDOT Project ID	MPO	Municipality Name	MassDOT Project Description	District	Funding Source	Total Programmed Funds	Federal Funds	Non-Federal Funds	Additional Information
<b>▶ STP-AC</b>										
2017	601630	BOSTON REGION	WEYMOUTH	WEYMOUTH- ABINGTON- RECONSTRUCTION & WIDENING ON ROUTE 18 (MAIN STREET) FROM HIGHLAND PLACE TO ROUTE 139 (4.0 MILES) INCLUDES REHAB OF W-32-013, ROUTE 18 OVER THE OLD COLONY RAILROAD (MBTA)	6	STP-AC	\$7,895,719	\$6,316,575	\$1,579,144	AC Yr 3 of 3; STP+HSIP+TEA-21 Earmark Total Cost = \$40,630,000
2017	0	BOSTON REGION	MULTIPLE	GREEN LINE EXTENSION PROJECT (PHASE II), MEDFORD HILLSIDE (COLLEGE AVENUE) TO MYSTIC VALLEY PARKWAY/ROUTE 16	8	STP-AC	\$9,327,291	\$7,461,833	\$1,865,458	CMAQ+STP Total Cost = \$190,100,000 (\$38,000,000 programmed with FFYs 2014-17 TIP)
2017	607411	MARTHA'S VINEYARD COMMISSION	TISBURY	TISBURY- BIKE & PEDESTRIAN IMPROVEMENTS ALONG BEACH ROAD, FROM THE TERMINATION OF THE EXISTING SHARED USE PATH WESTERLY TO THE FIVE CORNERS INTERSECTION	5	STP-AC	\$390,019	\$312,015	\$78,004	AC Year 1 of 2. Estimated total project cost \$835,000, with Year of Expenditure (+ 4% annually) total project cost into FFY2018 \$939,261 using STP, HSIP and CMAQ.
<b>▶ TAP</b>										
2017	606460	BOSTON REGION	BOSTON	BOSTON- IMPROVEMENTS AT AUDUBON CIRCLE	6	TAP	\$2,548,719	\$2,038,975	\$509,744	CMAQ+TAP Total Cost = \$5,539,955; pending TAP approval
2017	607405	CAPE COD	CHATHAM	CHATHAM- INTERSECTION IMPROVEMENTS & RELATED WORK AT MAIN STREET (ROUTE 28), DEPOT ROAD, QUEEN ANNE ROAD & CROWELL ROAD	5	TAP	\$178,764	\$143,011	\$35,753	CONSTRUCTION Total Cost \$2,000,000 (12% inflation = \$2,240,000 = \$2,061,236 STP + \$178,764 TAP), pre 25%
2017	607542	MERRIMACK VALLEY	GEORGETOWN	GEORGETOWN- NEWBURY- BORDER TO BOSTON TRAIL (NORTHERN GEORGETOWN TO BYFIELD SECTION)	4	TAP	\$100,000	\$80,000	\$20,000	Total Project Cost for regionwide Border to Boston \$26,270,248. This project is for the Georgetown Square north to Byfield section only. Construction TEC = 4.72 (C)
2017	605020	MERRIMACK VALLEY	SALISBURY	SALISBURY- MULTI-USE TRAIL EXTENSION (BORDERS TO BOSTON TRAIL)	4	TAP	\$205,423	\$164,338	\$41,085	Total Project Cost for regionwide Border to Boston = \$26,270,248. This project is for the Salisbury section only. Construction TEC = 5.05 (C)
2017	602945	NORTHERN MIDDLESEX	BILLERICA	BILLERICA- MIDDLESEX CANAL ENHANCEMENT	4	TAP	\$245,303	\$196,242	\$49,061	At 25% design FY 2017 YOE \$3,400,656 (\$3,036,300) Funding Sources - STP: \$1,689,250; CMAQ: \$1,466,103; TAP: \$245,303
2017	606264	OLD COLONY	PLYMOUTH	PLYMOUTH- IMPROVEMENTS ON OBERY STREET, FROM SOUTH STREET TO A.A. CARANCI WAY/PLYMOUTH NORTH H.S. DRIVE INTERSECTION	5	TAP	\$300,009	\$240,007	\$60,002	75% Design; Total Cost YOE is \$3,881,110; Funded by STP, CMAQ, and TAP
2017	606445	PIONEER VALLEY	LONGMEADOW	LONGMEADOW- RESURFACING & RELATED WORK ON CONVERSE STREET, FROM LAUREL STREET TO DWIGHT STREET (2.04 MILES)	2	TAP	\$473,939	\$379,151	\$94,788	6.05 TEC Score 25% (YOE \$1,776,051)
							<b>TAP Subtotal</b>	\$4,052,157	\$3,241,724	\$810,433
							<b>TOTALS</b>	\$150,372,896	\$121,401,683	\$28,971,213

SECTION 1A / FEDERAL AID TARGET PROJECTS



YR	MassDOT Project ID	MPO	Municipality Name	MassDOT Project Description	District	Funding Source	Total Programmed Funds	Federal Funds	Non-Federal Funds	Additional Information
2017	607548	FRANKLIN	SHELBURNE	Shelburne - Bardswell Ferry over Dragon Brook	1	BR-OFF	\$1,847,820	\$1,478,256	\$369,564	
2017	607527	FRANKLIN	ORANGE	Orange - Holtshire Road over Millers River	2	BR-OFF	\$2,924,842	\$2,339,874	\$584,968	
2017	607534	NORTHERN MIDDLESEX	TEWKSBURY	TEWKSBURY - MILL STREET OVER THE SHAWSHEEN RIVER (BR-OFF)	4	BR-OFF	\$1,167,284	\$933,827	\$233,457	Total project cost FFY 2017 YOY \$1,167,284 (\$1,042,217)
2017	602564	SOUTHEASTERN MASSACHUSETTS	CARVER	CARVER- MIDDLEBOROUGH- BRIDGE REPLACEMENT, C-04-004=IM-18-025, ROCHESTER ROAD OVER WEWEANTIC RIVER	5	BR-OFF	\$2,990,310	\$2,392,248	\$598,062	
<b>▶ NHPP</b>							<b>BR-OFF Subtotal ▶</b>	<b>\$35,247,093</b>	<b>\$7,049,419</b>	
2017	606075	CENTRAL MASSACHUSETTS	OXFORD	OXFORD - STRUCTURAL STEEL CLEANING AND PAINTING AND OTHER RELATED WORK; BRIDGE NO. O-06-036 I-395 OVER DANA ROAD AND BRIDGE NO. O-06-037 I-395 SB OVER FEDERAL HILL ROAD	3	NHPP	\$1,519,954	\$1,215,963	\$303,991	Construction / Design Status = TBD / Total Project Cost = \$1,519,954
<b>▶ NHPP Subtotal ▶</b>							<b>\$1,519,954</b>	<b>\$1,215,963</b>	<b>\$303,991</b>	
<b>SECTION 1B / FEDERAL AID BRIDGE PROJECTS TOTALS ▶</b>							<b>\$70,411,017</b>	<b>\$56,328,813</b>	<b>\$14,082,204</b>	

**SECTION 1C / FEDERAL AID NON-TARGET PROJECTS**

<b>▶ CMAQ</b>										
2017	607398	CAPE COD	YARMOUTH	YARMOUTH- BARNSTABLE- CAPE COD RAIL TRAIL EXTENSION, FROM STATION AVENUE (YARMOUTH) TO ROUTE 132 (BARNSTABLE)	5	CMAQ	\$6,000,000	\$4,800,000	\$1,200,000	TOTAL COST \$6,000,000 for 2017
<b>▶ HPP (1998)</b>							<b>\$6,000,000</b>	<b>\$4,800,000</b>	<b>\$1,200,000</b>	
2017	601630	BOSTON REGION	WEYMOUTH	WEYMOUTH- ABINGTON- RECONSTRUCTION & WIDENING ON ROUTE 18 (MAIN STREET) FROM HIGHLAND PLACE TO ROUTE 139 (4.0 MILES) INCLUDES REHAB OF W-32-013, ROUTE 18 OVER THE OLD COLONY RAILROAD (MBTA)	6	HPP (1998)	\$5,604,281	\$4,483,425	\$1,120,856	Construction; HPP 1236; AC Yr 3 of 3; STP+HSIP+TEA-21 Earmark Total Cost = \$40,630,000
<b>▶ HPP (1998) Subtotal ▶</b>							<b>\$5,604,281</b>	<b>\$4,483,425</b>	<b>\$1,120,856</b>	
<b>▶ HPP (2005)</b>										
2017	606890	BERKSHIRE	Adams	ADAMS, NORTH ADAMS - ASHUWILLTICOOK RAIL TRAIL EXTENSION (LIME ST TO HODGES CROSS RD)	1	HPP (2005)	\$1,987,670	\$1,590,136	\$397,534	Design & Construction; Total project cost = \$3,322,537; SAFETEA-LU, HPP 2850 - MA Berkshire County Bike Paths, Design & Construction - \$4,000,000 (Earmark Total)
<b>▶ HPP (2005) Subtotal ▶</b>							<b>\$1,987,670</b>	<b>\$1,590,136</b>	<b>\$397,534</b>	

YR	MassDOT Project ID	MPO	Municipality Name	MassDOT Project Description	District	Funding Source	Total Programmed Funds	Federal Funds	Non-Federal Funds	Additional Information
<b>▶ STATEWIDE CMAQ</b>										
2017	602929	BOSTON REGION	HOLLISTON	HOLLISTON- MULTI-USE TRAIL CONSTRUCTION ON A SECTION OF THE UPPER CHARLES RAIL (2 MILES OF PROPOSED 27 MILES - PHASE I)	3	STATEWIDE CMAQ	\$2,428,563	\$1,942,850	\$485,713	
2017	606223	BOSTON REGION	ACTON	ACTON- CONCORD- BRUCE FREEMAN RAIL TRAIL CONSTRUCTION (PHASE II-B)	4	STATEWIDE CMAQ	\$6,451,200	\$5,160,960	\$1,290,240	
<b>STATEWIDE CMAQ Subtotal</b>							\$8,879,763	\$7,103,810	\$1,775,953	
<b>SECTION 1D / FEDERAL AID MAJOR &amp; STATE CATEGORY PROJECTS TOTALS</b>							\$220,347,429	\$58,856,648	\$11,490,781	
<b>▶ SECTION 2A / NON-FEDERAL PROJECTS</b>										
<b>▶ OTHER</b>										
2017	0	BOSTON REGION	MULTIPLE	GREEN LINE EXTENSION PROJECT - EXTENSION TO COLLEGE AVENUE WITH THE UNION SQUARE SPUR	8	OTHER	\$338,012,000	\$0	\$238,012,000	The Green Line Extension project is currently in the New Starts pipeline and the Commonwealth anticipates a decision in a Full Funding Grant Agreement in FFY 2015. The cash flows for the project, therefore, provide 100% bond funding for FFYs 2013-14 and b
<b>OTHER Subtotal</b>							\$338,012,000	\$0	\$238,012,000	
<b>SECTION 2A / NON-FEDERAL PROJECTS TOTALS</b>							\$338,012,000	\$0	\$238,012,000	
<b>▶ STATEWIDE ADA IMPLEMENTATION PLAN</b>										
<b>▶ STP-Flex</b>										
2017	607041	STATEWIDE	STATEWIDE	DISTRICT 5- ADA RETROFITS AT VARIOUS LOCATIONS	NA	STP-Flex	\$1,989,000	\$1,775,893	\$0	
2017	607039	STATEWIDE	STATEWIDE	DISTRICT 4- ADA RETROFITS AT VARIOUS LOCATIONS	NA	STP-Flex	\$2,020,000	\$1,803,571	\$0	
<b>STP-FLEX Subtotal</b>							\$4,009,000	\$3,579,464	\$0	
<b>STATEWIDE ADA IMPLEMENTATION PLAN TOTALS</b>							\$4,009,000	\$3,579,464	\$0	
<b>▶ STATEWIDE BRIDGE REPL. / REHAB PROGRAM</b>										
<b>▶ BR-OFF System</b>										
2017	0	STATEWIDE	STATEWIDE	TEWKSBURY - BRIDGE REPLACEMENT, T-03-003, MILL STREET OVER SHAWSHOEN RIVER	NA	BR-OFF System	\$1,167,284	\$1,042,218	\$0	
2017	607127	STATEWIDE	STATEWIDE	HUBBARDSTON- BRIDGE REPLACEMENT, H-24-009, EVERGREEN ROAD OVER MASON BROOK	NA	BR-OFF System	\$1,382,192	\$1,234,100	\$0	



YR	MassDOT Project ID	MPO	Municipality Name	MassDOT Project Description	District	Funding Source	Total Programmed Funds	Federal Funds	Non-Federal Funds	Additional Information
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STATEWIDE CMAQ

Statewide CMAQ

2017	0	STATEWIDE	STATEWIDE	LEE - BIKEWAY	1	Statewide CMAQ	\$3,360,000	\$3,000,000	\$0	
2017	602929	STATEWIDE	STATEWIDE	HOLLISTON- MULTI-USE TRAIL CONSTRUCTION ON A SECTION OF THE UPPER CHARLES RAIL (2 MILES OF PROPOSED 27 MILES - PHASE I)	3	Statewide CMAQ	\$2,429,563	\$2,168,360	\$0	
2017	605020	STATEWIDE	STATEWIDE	BOXFORD- GEORGETOWN- NEWBURY- SALISBURY- MULTI-USE TRAIL EXTENSION (BORDERS TO BOSTON TRAIL)	4	Statewide CMAQ	\$3,850,000	\$3,850,000	\$0	
2017	606223	STATEWIDE	STATEWIDE	ACTON- CONCORD- BRUCE FREEMAN RAIL TRAIL CONSTRUCTION (PHASE II-B)	4	Statewide CMAQ	\$6,451,200	\$5,760,000	\$0	
2017	607411	STATEWIDE	STATEWIDE	TISBURY- BIKE & PEDESTRIAN IMPROVEMENTS ALONG BEACH ROAD, FROM THE TERMINATION OF THE EXISTING SHARED USE PATH WESTERLY TO THE FIVE CORNERS INTERSECTION	5	Statewide CMAQ	\$1,120,000	\$1,000,000	\$0	
2017	607398	STATEWIDE	STATEWIDE	YARMOUTH- BARNSTABLE- CAPE COD RAIL TRAIL EXTENSION, FROM STATION AVENUE (YARMOUTH) TO ROUTE 132 (BARNSTABLE)	5	Statewide CMAQ	\$6,000,000	\$6,000,000	\$0	
2017	0	STATEWIDE	STATEWIDE	MassRides -- Travel Options Program	NA	Statewide CMAQ	\$2,836,705	\$0	\$0	
2017	0	STATEWIDE	STATEWIDE	Projects TBD	NA	Statewide CMAQ	\$32,000,000	\$0	\$0	
<b>STATEWIDE CMAQ Subtotal</b>							\$58,046,468	\$21,778,360	\$0	
<b>STATEWIDE CMAQ TOTALS</b>							\$58,046,468	\$21,778,360	\$0	

STATEWIDE HSIP PROGRAM

HSIP

2017	0	STATEWIDE	STATEWIDE	Statewide- Interstate sign upgrade project TBD	NA	HSIP	\$4,000,000	\$3,520,000	\$0	
2017	607494	STATEWIDE	STATEWIDE	Statewide- Various Safety Strategies To Be Determined Based On 2013 SHSP And Updates	NA	HSIP	\$6,111,000	\$5,377,680	\$0	
2017	607496	STATEWIDE	STATEWIDE	Statewide- Sign upgrade (for retroreflectivity) on secondary roadway	NA	HSIP	\$9,333,444	\$8,213,431	\$0	
<b>HSIP Subtotal</b>							\$19,444,444	\$17,111,111	\$0	
<b>STATEWIDE HSIP PROGRAM TOTALS</b>							\$19,444,444	\$17,111,111	\$0	



YR	MassDOT Project ID	MPO	Municipality Name	MassDOT Project Description	District	Funding Source	Total Programmed Funds	Federal Funds	Non-Federal Funds	Additional Information
2017	606941	STATEWIDE	STATEWIDE	Highway Assistance Patrols - area 3 - year 1	NA	STP-Flex	\$1,450,000	\$1,294,643	\$0	
2017	606939	STATEWIDE	STATEWIDE	Highway Assistance Patrols - area 1 - year 1	NA	STP-Flex	\$1,750,000	\$1,562,500	\$0	
<b>STP-FLEX Subtotal</b>							\$8,500,000	\$7,589,286	\$0	
<b>STATEWIDE ITS TOTALS</b>							\$17,999,680	\$16,071,144	\$0	

<b>STATEWIDE NHS PRESERVATION PROGRAM</b>										
<b>NHPP</b>										
2017	607474	STATEWIDE	STATEWIDE	SOUTH HADLEY-GRANBY RESURFACING AND RELATED WORK ON ROUTE 202	NA	NHPP	\$1,585,920	\$1,416,000	\$0	
2017	607475	STATEWIDE	STATEWIDE	WINCHENDON- RESURFACING AND RELATED WORK ON ROUTE 12	NA	NHPP	\$2,023,700	\$1,806,875	\$0	
2017	607477	STATEWIDE	STATEWIDE	LYNNFIELD-PEABODY RESURFACING AND RELATED WORK ON ROUTE 1	NA	NHPP	\$6,444,386	\$5,753,916	\$0	
2017	607476	STATEWIDE	STATEWIDE	METHUEN-RESURFACING AND RELATED WORK ON ROUTE 213	NA	NHPP	\$6,498,228	\$5,801,989	\$0	
2017	606179	STATEWIDE	STATEWIDE	DENNIS - HARWICH - BREWSTER - ORLEANS - RESURFACING AND RELATED WORK ON RT. 6	NA	NHPP	\$8,357,798	\$7,462,320	\$0	
<b>NHPP Subtotal</b>							\$24,910,032	\$22,241,100	\$0	
<b>STATEWIDE NHS PRESERVATION PROGRAM TOTALS</b>							\$24,910,032	\$22,241,100	\$0	

<b>STATEWIDE SAFE ROUTES TO SCHOOLS PROGRAM</b>										
<b>SRTS</b>										
2017	0	STATEWIDE	STATEWIDE	SRTS - Education and Planning & Design and selected schools	NA	SRTS	\$947,835	\$947,835	\$0	
<b>SRTS Subtotal</b>							\$947,835	\$947,835	\$0	
<b>TAP</b>										
2017	0	STATEWIDE	STATEWIDE	SRTS - Planning & Design and selected schools	NA	TAP	\$800,000	\$640,000	\$160,000	
<b>TAP Subtotal</b>							\$800,000	\$640,000	\$160,000	
<b>STATEWIDE SAFE ROUTES TO SCHOOLS PROGRAM TOTALS</b>							\$1,747,835	\$1,587,835	\$160,000	



2017

YR	MassDOT Project ID	MPO	Municipality Name	MassDOT Project Description	District	Funding Source	Total Programmed Funds	Federal Funds	Non-Federal Funds	Additional Information
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**Total Federal Funds    Total Non-Federal Fund    Total Programmed Funds**

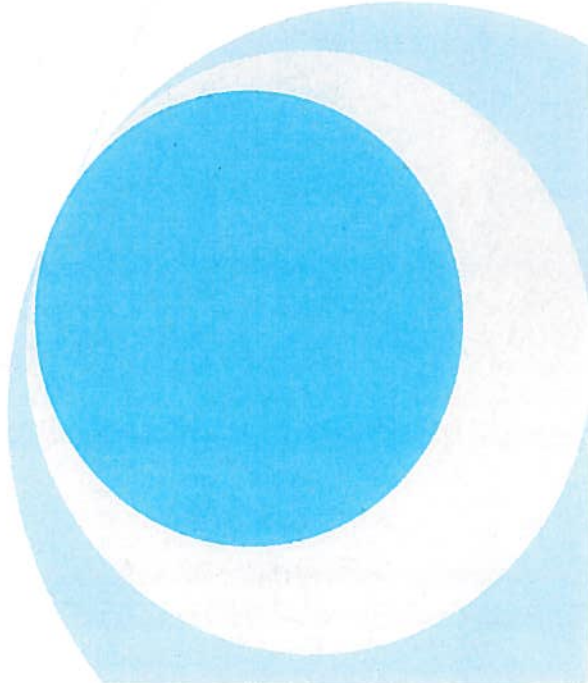
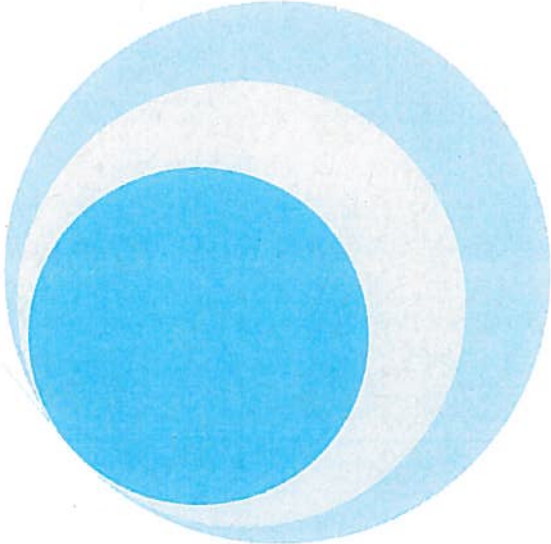
\$472,767,148.80

\$296,130,587.60

\$1,075,264,592.00



**Projects Funded with  
Federal Transit Funds**



**Statewide Transportation Improvement Program (STIP)  
Project List (FY2017)**

FTA Program	Transit Agency	FTA Activity Line Item	Project Description	Carryover or Fairmark Detail	RTACAP	MAP	ITCCAP	TDC	SCA	LocalFunds	Total Cost
5307	Cape Cod Regional Transit Authority (CCRTA)	113400	REHAB/RENOVATE BUS STATIONS	2015	\$449,822	\$112,455	\$0	\$0	\$0	\$0	\$562,277
5307	Cape Cod Regional Transit Authority (CCRTA)	119902	CONSTRUCTION - BUS SHELTERS	2014	\$46,400	\$11,600	\$0	\$0	\$0	\$0	\$58,000
5307	Cape Cod Regional Transit Authority (CCRTA)	114207	ACQUIRE - ADP HARDWARE	2014	\$52,000	\$13,000	\$0	\$0	\$0	\$0	\$65,000
5307	Cape Cod Regional Transit Authority (CCRTA)	119905	CONSTRUCT PED ACCESS / WALKWAYS	2014	\$20,748	\$5,187	\$0	\$0	\$0	\$0	\$25,935
5307	Cape Cod Regional Transit Authority (CCRTA)	117000	NON FIXED ROUTE ADA PARA SERV	2015	\$26,807	\$0	\$0	\$0	\$131,702	\$0	\$658,509
5307	Cape Cod Regional Transit Authority (CCRTA)	117A00	PREVENTIVE MAINTENANCE	2015	\$2,197,449	\$0	\$0	\$0	\$549,362	\$0	\$2,746,811
5307	Cape Cod Regional Transit Authority (CCRTA)	117100	MOBILITY MANAGEMENT	2015	\$1,095,574	\$0	\$0	\$0	\$73,894	\$0	\$1,369,468
5307	Cape Cod Regional Transit Authority (CCRTA)	300900	OPERATING ASSISTANCE	2015	\$800,000	\$0	\$0	\$0	\$800,000	\$0	\$1,600,000
5307	Cape Cod Regional Transit Authority (CCRTA)	114200	ACQUISITION OF BUS SUPPORT EQUIP/FACILITIES	2015	\$712,946	\$178,236	\$0	\$0	\$0	\$0	\$891,182
5307	Merrimack Valley Regional Transit Authority (MVRTA)		Preventive Maintenance Expense	2016	\$2,582,260	\$0	\$0	\$0	\$645,565	\$0	\$3,227,825
5307	Merrimack Valley Regional Transit Authority (MVRTA)		ADA Operating Expense	2016	\$1,179,510	\$0	\$0	\$0	\$294,875	\$0	\$1,474,385
5307	Merrimack Valley Regional Transit Authority (MVRTA)		Rehab/Renovate: Refurbish Engine/Transmission & Model Year	2016	\$240,000	\$60,000	\$0	\$0	\$0	\$0	\$300,000
5307	Berkshire Regional Transit Authority (BRTA)	111204	Purchase - Replacement: Buses		\$103,488	\$25,872	\$0	\$0	\$0	\$0	\$129,360
5307	Berkshire Regional Transit Authority (BRTA)	117C00	ADA Operating Projects		\$16,665	\$0	\$0	\$0	\$16,665	\$0	\$33,330
5307	Berkshire Regional Transit Authority (BRTA)	117A00	Preventive Maintenance	2016	\$5,878	\$1,470	\$0	\$0	\$0	\$0	\$7,348
5307	MetroWest Regional Transit Authority (MWRTA)	119208	PURCHASE SIGNAGE	2016	\$20,000	\$5,000	\$0	\$0	\$0	\$0	\$25,000
5307	MetroWest Regional Transit Authority (MWRTA)	114200	ACQUISITION OF BUS SUPPORT EQUIP/FACILITIES	2016	\$10,000	\$2,500	\$0	\$0	\$0	\$0	\$12,500
5307	MetroWest Regional Transit Authority (MWRTA)	114209	ACQUIRE - MOBILE SURV/SECURITY EQUIP	2016	\$70,000	\$17,500	\$0	\$0	\$0	\$0	\$87,500
5307	MetroWest Regional Transit Authority (MWRTA)	117C00	NON FIXED ROUTE ADA PARA SERV	2016	\$12,000,000	\$0	\$0	\$0	\$700,000	\$0	\$13,700,000
5307	Massachusetts Bay Transportation Authority (MBTA)	111221	PREVENTIVE MAINTENANCE		\$96,000,000	\$0	\$0	\$0	\$0	\$3,000,000	\$100,000,000
5307	Massachusetts Bay Transportation Authority (MBTA)	119400	HEAVY RAIL CARS - Red/Orange Lines		\$26,685,516	\$0	\$0	\$0	\$0	\$6,671,379	\$33,356,895
5307	Massachusetts Bay Transportation Authority (MBTA)	114400	REHAB/RENOVATE BUS SUPPORT FACIL/EQUIP		\$117,221	\$29,305	\$0	\$0	\$0	\$0	\$146,526
5307	Cape Ann Transportation Authority (CATA)	117A00	PREVENTIVE MAINTENANCE		\$325,000	\$0	\$0	\$0	\$0	\$81,250	\$406,250
5307	Cape Ann Transportation Authority (CATA)		Purchase - Replacement: Vans		\$56,000	\$14,000	\$0	\$0	\$0	\$0	\$70,000
5307	Worcester Regional Transit Authority (WRTA)	117C00	ADA Operating Projects	2016	\$858,248	\$0	\$0	\$0	\$214,562	\$0	\$1,072,810
5307	Worcester Regional Transit Authority (WRTA)	117A00	Preventive Maintenance	2016	\$3,693,708	\$0	\$0	\$0	\$923,427	\$0	\$4,617,135
5307	Worcester Regional Transit Authority (WRTA)	117900	Project Administration	2016	\$53,966	\$0	\$0	\$0	\$13,492	\$0	\$67,458
5307	Worcester Regional Transit Authority (WRTA)	442400	Transportation Planning	2016	\$272,923	\$0	\$0	\$0	\$68,231	\$0	\$341,154
5307	Worcester Regional Transit Authority (WRTA)		Purchase - Support Vehicle		\$64,000	\$14,000	\$0	\$0	\$0	\$0	\$78,000
5307	Worcester Regional Transit Authority (WRTA)		Purchase - Miscellaneous Support Equipment		\$80,000	\$20,000	\$0	\$0	\$0	\$0	\$100,000
5307	Worcester Regional Transit Authority (WRTA)		Spare Parts / Associated Capital Maintenance		\$205,868	\$51,467	\$0	\$0	\$0	\$0	\$257,335
5307	Worcester Regional Transit Authority (WRTA)		Purchase Shop Equipment		\$180,000	\$45,000	\$0	\$0	\$0	\$0	\$225,000
5307	Worcester Regional Transit Authority (WRTA)		Computer Technologies - Software		\$48,000	\$12,000	\$0	\$0	\$0	\$0	\$60,000
5307	Worcester Regional Transit Authority (WRTA)		Computer Technologies - Hardware		\$120,000	\$30,000	\$0	\$0	\$0	\$0	\$150,000
5307	Worcester Regional Transit Authority (WRTA)		Enhancements - Shelters		\$30,000	\$7,500	\$0	\$0	\$0	\$0	\$37,500
5307	Worcester Regional Transit Authority (WRTA)		Enhancements - Signage		\$30,000	\$7,500	\$0	\$0	\$0	\$0	\$37,500
5307	Montachusett Regional Transit Authority (MART)	119402	Transit Enhancements: Purchase Additional Shelters	2016	\$160,000	\$40,000	\$0	\$0	\$0	\$0	\$200,000
5307	Montachusett Regional Transit Authority (MART)	116402	REHAB/RENOV COMMUNICATIONS SYSTEM	2016	\$280,000	\$70,000	\$0	\$0	\$0	\$0	\$350,000
5307	Montachusett Regional Transit Authority (MART)	111215	Purchase - Replacement: Vans	2016	\$800,000	\$200,000	\$0	\$0	\$0	\$0	\$1,000,000
5307	Montachusett Regional Transit Authority (MART)	114406	REHAB/RENOVATE - SHOP EQUIPMENT	2016	\$160,000	\$40,000	\$0	\$0	\$0	\$0	\$200,000
5307	Montachusett Regional Transit Authority (MART)	300901	UP TO 50% FEDERAL SHARE		\$1,272,424	\$0	\$0	\$0	\$1,272,424	\$0	\$2,544,848
5307	Lowell Regional Transit Authority (LRTA)	111202	BUY REPLACEMENT 35-FT BUS		\$640,000	\$160,000	\$0	\$0	\$0	\$0	\$800,000
5307	Lowell Regional Transit Authority (LRTA)	300901	Operating Assistance 2017	2016	\$1,663,686	\$0	\$0	\$0	\$1,663,686	\$0	\$3,327,372
5307	Lowell Regional Transit Authority (LRTA)	442400	Purchase - Capital Spare Parts		\$104,000	\$0	\$0	\$0	\$0	\$26,000	\$130,000
5307	Lowell Regional Transit Authority (LRTA)	117A00	SHORT RANGE TRANSIT PLANNING 2017	2016	\$80,000	\$0	\$0	\$0	\$270,610	\$0	\$1,353,050
5307	Lowell Regional Transit Authority (LRTA)	117A00	PREVENTIVE MAINTENANCE 2017		\$768,440	\$0	\$0	\$0	\$0	\$0	\$960,000
5307	Greater Attleboro-Taunton Regional Transit Authority (GATRA)	111203	BUY REPLACEMENT 30-FT BUS - 4		\$560,000	\$140,000	\$0	\$0	\$0	\$0	\$700,000
5307	Greater Attleboro-Taunton Regional Transit Authority (GATRA)	111215	BUY REPLACEMENT VAN - 8		\$280,000	\$70,000	\$0	\$0	\$0	\$0	\$350,000
5307	Greater Attleboro-Taunton Regional Transit Authority (GATRA)	114402	REHAB/RENOVATE - TAUNTON MAINTENANCE FACILITY		\$32,000	\$8,000	\$0	\$0	\$0	\$0	\$40,000
5307	Greater Attleboro-Taunton Regional Transit Authority (GATRA)	119203	PURCHASE LANDSCAPING / SCENIC BEAUTIFICATION		\$48,000	\$12,000	\$0	\$0	\$0	\$0	\$60,000
5307	Greater Attleboro-Taunton Regional Transit Authority (GATRA)	116220	PURCHASE MISC COMMUNICATIONS EQUIP		\$80,000	\$20,000	\$0	\$0	\$0	\$0	\$100,000
5307	Greater Attleboro-Taunton Regional Transit Authority (GATRA)	114200	ACQUIRE - MISC SUPPORT EQUIPMENT		\$480,000	\$120,000	\$0	\$0	\$0	\$0	\$600,000
5307	Greater Attleboro-Taunton Regional Transit Authority (GATRA)	111303	BUY 30-FT BUS FOR EXPANSION - 3		\$360,000	\$90,000	\$0	\$0	\$0	\$0	\$450,000
5307	Greater Attleboro-Taunton Regional Transit Authority (GATRA)	111315	BUY VAN FOR SVC EXPANSION - 5		\$1,000,000	\$0	\$0	\$0	\$250,000	\$0	\$1,250,000
5307	Greater Attleboro-Taunton Regional Transit Authority (GATRA)	117C00	NON FIXED ROUTE ADA PARA SERV		\$500,000	\$0	\$0	\$0	\$500,000	\$0	\$1,000,000
5307	Greater Attleboro-Taunton Regional Transit Authority (GATRA)	300901	Operating Assistance	2015, 2016	\$1,723,347	\$318,337	\$0	\$0	\$0	\$0	\$1,991,684
5307	Southeastern Regional Transit Authority (SRTA)	114409	Purchase - Replacement: Buses(5)	2016	\$80,000	\$20,000	\$0	\$0	\$0	\$0	\$100,000
5307	Southeastern Regional Transit Authority (SRTA)		Rehab/Renovate: Surveillance/Security	2016	\$96,000	\$0	\$0	\$0	\$24,000	\$0	\$120,000
5307	Southeastern Regional Transit Authority (SRTA)		ADA Operating Projects	2016	\$640,000	\$10,000	\$0	\$0	\$0	\$0	\$650,000
5307	Southeastern Regional Transit Authority (SRTA)		Preventive Maintenance	2016	\$10,000	\$0	\$0	\$0	\$150,000	\$0	\$160,000







**Part III**  
**Federal Fiscal Year 2013**  
**Project Status**

*July 2013*

FFY 2013 State Transportation Improvement Program - Commonwealth of Massachusetts

MassDOT Project ID	MPO	Municipality Name	MassDOT Project Description	District	Funding Source	Total Programmed Funds	Federal Funds	Non-Federal Funds	Additional Information	Ad Date	Advertised Amount	Federal Participation Cost	STIP or OA Actual
<b>Federal Aid Target Projects</b>													
<b>STP - Surface Transportation Program</b>													
602182	Berkshire	Great Barrington	Great Barrington- Reconstruction Of Main Street (Route 7)	1	STP-Flex	\$ 1,000,000	\$ 800,000	\$ 200,000	STP + CMAQ + HSIP+TE+Statewide TE, Total Cost = 5,155,000; MPO evaluation score 7 of 7; Design Status: 25% (75% executed in July)				
604620	Beeton	Weymouth-etc	Weymouth-Abrington-Reconstruction & Widening On Route 18 (Main Street) From Highland Place To Route 139 (40 Miles)- Includes Rehab Of W-32-013, Route 18 Over The Old Colony Railroad (MBTA)	6	STP-AG	\$	\$	\$	AC-36-1 of 3; STP+TE+RA-24-Removal-Total-Cost-=\$28,340,000-Action 30 01 Removed from 2013, will be reprogrammed in an outer year in the FFY 2014-2017 TIP				
	Cape Cod	regionwide	BARNSTABLE- BOURNE- SANDWICH- INSTALLATION OF VARIABLE MESSAGE BOARDS AND CAMERAS ON ROUTES 6, 25 AND 28 (CAPE COD REGIONAL ITS)	5	STP	1500000	\$ 1,200,000	\$ 300,000	17 01				
606705	Franklin	Conway	Conway- Retaining Wall Replacement On Route 116 Along The South River	1	STP-Flex	\$ 451,466	\$ 361,125	\$ 90,281	Remainder programmed under section 1C below (2 earmarks), and under STP-AC in 2014. Total project cost estimate is \$3.3 million. Project using STP, Sec 115, and Sec 125 funding sources. AC year 1 of 2				
TBD	Old Colony	Regionwide	Old Colony Regional Bicycle/Parking Program (Bicycle Rack Grant Program)	5	STP-Flex	\$ 50,000	\$ 40,000	\$ 10,000					
600426	Old Colony	Plymouth	Plymouth- Reconstruction Of Route 44 (Samoset Street) From Route 3 (NO Ramp) Easterly To Water Street	5	STP-Flex	\$ 3,213,796	\$ 2,571,037	\$ 642,759	25% Design; Total Cost YOE is \$4,318,290; Funded by STP, STP-E, and CMAQ Action 28 01 Increase project cost and amend out partial amount to CMAQ				
603457	Old Colony	West Bridgewater	West Bridgewater- Intersection Improvements At Route 106 & Route 28 (Cement Square)	5	STP-Flex	\$	\$	\$	25% Design-PPP-193-1-Total-Cost-YOE-is-\$2,405,946- Funded-by-SAFETEA-LU-PPP-Earmark-;STP-HSIP-and-CMAQ Action 28 03 Amend out to CMAQ				
604825	Pioneer Valley	Plainfield	Plainfield- Rehabilitation Of Route 116	1	STP-Flex	\$ 1,962,000	\$ 1,569,600	\$ 392,400	Action 10.3 Increase Cost				
600496	Southeast Mass	Dartmouth	Dartmouth-Ramp Construction At Route 1195/Frame Corner Road (Phase 1)- Includes Bridge Widening, D-04-11.6- Frame Corner Road Over I-195	5	STP-Flex	\$	\$	\$	Regionally Significant Project STP (65,146,601) / CMAQ (4,799,421) / Federal Aid Bridge (93,341,181) Total Cost = \$16,206,622- Construction- EC Score-: 14-72- Pre-25%-Eligible-for-CMAQ-Funding-Action 29 03 Amend out to CMAQ				
605365	Southeast Mass	New Bedford	New Bedford- Intersection Improvements At Route 140/Route 6 (Kempion Street) And Brovelli Avenue	5	STP-Flex	\$ 2,324,429	\$ 1,859,543	\$ 464,886	STP (\$2,324,429) / HSIP (\$896,010) Total Cost = \$3,220,439; Construction, EC Score 60 Of 73, Status 25% Eligible for HSIP & CMAQ Funding				
			<b>STP-Flex Regional Subtotal</b>			<b>\$10,501,631</b>	<b>\$8,401,365</b>	<b>\$2,100,266</b>					

FFY 2013 State Transportation Improvement Program - Commonwealth of Massachusetts

MassDOT Project ID	MFO	Municipality Name	MassDOT Project Description	District	Funding Source	Total Programmed Funds	Federal Funds	Non-Federal Funds	Additional Information	Ad Date	A	Federal Participation Cost	STIP or OA Actual
			<b>STP - Barnstable Sub-Total</b>			\$0	\$0	\$0					
604255	Boston	Boston	Boston - Central Artery / Third Harbor Tunnel	6	STP	\$ 20,000,000	\$ 20,000,000	\$ -	100% match				
602984	Boston	Concord etc	Concord - Lincoln Limited Access Highway Improvements At Route 2 & 2A, Between Crosby's Corner & Bedford Road, Includes C-19-024	4	STP-AC	\$ 11,775,130	\$ 9,420,104	\$ 2,355,026	AC Yr 3 of 4 - STP+HSP+CMAQ Total Cost = \$61,723,980 (\$22,471,587 programmed within FY's 2013-16 TIP)				
601825	Boston	Danvers	Danvers - Reconstruction Of Liberty Street, From Route 128 To Water/High Street Intersection, Includes D-03-004 & D-03-014	4	STP	\$ 8,836,648	\$ 7,069,318	\$ 1,767,330	STP-Boston. Total project cost is \$7,128,052. A 10% 30.03 Cost Increase				
607209	Boston	Somerville	Somerville - Reconstruction Of Beacon Street, From Oxford Street To Cambridge C.L.	4	STP	\$ 1,571,252	\$ 1,257,002	\$ 314,250	STP+SAFETEA-LU Earmark Total Cost = \$4,056,000				
605188	Boston	Cambridge	Cambridge - Common Improvements At Waterhouse Street, Mass Ave. & Garden Street	6	STP	\$ 849,022	\$ 679,218	\$ 169,804	Construction: TE+Statewide TE+SAFETEA-LU Earmark Total Cost = \$2,764,874				
604687	Boston	Arlington	Arlington - Reconstruction Of Massachusetts Avenue, From Pond Lane To The Cambridge C.L.	4	STP	\$ 53,727	\$ 42,982	\$ 10,745	CMAQ-TE+Statewide TE+SAFETEA-LU Earmark-Section 129 Earmark Total Cost = \$4,887,336				

FFY 2013 State Transportation Improvement Program - Commonwealth of Massachusetts

MassDOT Project ID	MPO	Municipality Name	MassDOT Project Description	District	Funding Source	Total Programmed Funds	Federal Funds	Non-Federal Funds	Additional Information	Ad Date	Advertised Amount	Federal Participation Cost	STIP or OA Actual
<b>Transportation Alternatives Program</b>													
604687	Boston	Arlington	Arlington- Reconstruction Of Massachusetts Avenue, From Pond Lane To The Cambridge C.L.	4	STP-TE	\$ 237,332	\$ 189,866	\$ 47,466	CMAQ+TE+Statewide TE+SAFE+LU Earmark+Section 129 Earmark Total Cost = \$5,887,336				
605188	Boston	Cambridge	Cambridge- Common Improvements At Waterhouse Street, Mass Ave & Garden Street	6	STP-TE	\$ 546,666	\$ 437,333	\$ 109,333	Construction: TE+Statewide TE+SAFE+LU Earmark Total Cost = \$2,764,874				
602182	Berkshire	Great Barrington	MassDOT Enhancements Incentive Program Subtotal Great Barrington- Reconstruction Of Main Street (Route 7)	1	STP-TE	\$ 783,998	\$ 627,198	\$ 156,800	STP + CMAQ + HSP+TE+Statewide TE; Total Cost = 5,155,000; NPO evaluation score 7 of 7; Design Status: 25% (75% expected in July)				
604514	Boston	Beverly	Beverly- Construction Of A Walkway On Beverly Harborfront	4	STP-TE	\$ -	\$ -	\$ -	Action 30.20 Project removed, combined with 604521				
606137	Boston	Frammingham	Frammingham- Bike Path Construction & Improvements On Cochuate Rail Trail, From School Street To Route 30	3	STP-TE	\$ 801,602	\$ 641,282	\$ 160,320	Action 30.21 Cost increase				
605121	Boston	Beverly-Salem	Beverly-Salem- Harborfront Walkway & Causeway Park Construction	4	STP-TE	\$ 2,232,634	\$ 1,786,107	\$ 446,527	Action 30.22 Project cost increase and description change to incorporate project 602314				
606493	Central Mass	Northbridge	Northbridge - Reconstruction Of Sutton Street, From Sutton T.L. To Route 122 (Approx. - 2.2 Miles)	3	STP-TE	\$ 3,026,000	\$ 2,420,800	\$ 605,200	The source of the Statewide Transportation Enhancements 2-for-1 funding / Total Project Cost = \$7,440,000 of TE + STP Action 26.03 Increase Cost				
605181	Mcinnack Valley	Meduen	Meduen- Interchange Reconstruction On I-93 At Route 110/113 Rotary, Including Removal Of M-17-017 & M-17-018, Rehab Of M-17-007 & New Bridge Construction Of M-17-040	4	STP-TE-AC	\$ 188,500	\$ 150,800	\$ 37,700	AC 1 OF 3 - Total Project Cost = \$39,892,000 FY 2013, 2014 & 2015 Statewide, CMAQ & TE + 2013 HSP #2434 (2005) + 2013 IM (2010 Discretionary). + FY 2013 and FY 2015 STP, CMAQ & HSP + FY 2014 STP + HSP (Construction). TEC = 9.63 out of 18. (C.)				
604917	Montachusset	Templeton	Templeton- Reconstruction Of Baldwinville Road, From Route 202/68 To Patious Road (Approx. 3 Miles)	2	STP-TE	\$ 25,042	\$ 20,034	\$ 5,008	AC Yr. 2 of 2 - Construction, TEC 7.13 of 18; Revised 100% Design due 4/13/12. Environ done; ROW expected; STP+STP/TE+Statewide TE Total Cost = \$5,357,511				
600426	Old Colony	Plymouth	Plymouth- Reconstruction Of Route 44 (Stamoset Street) From Route 3 (NB Ramp) Easterly To Water Street - Enhancement Elements	5	STP-TE	\$ 91,190	\$ 72,952	\$ 18,238	25% Design, Total Cost YOE is \$4,318,290; Funded by STP, STP-E and CMAQ; Identified Transportation Enhancements Fund (STP-E) eligible project costs (2-year state fiscal action)				

FFY 2013 State Transportation Improvement Program - Commonwealth of Massachusetts													
MassDOT Project ID	MPO	Municipality Name	MassDOT Project Description	District	Funding Source	Total Programmed Funds	Federal Funds	Non-Federal Funds	Additional Information	Ad Date	Advertised Amount	Federal Participation Cost	STIP or OA Actual
606643	Pioneer Valley	West Springfield	West Springfield-Improvements & Related Work On I-91/Route 5/I-90 Connector Road	2	HSIP	\$ 1,080,992	\$ 972,893	\$ 108,099	4.73 TEC 75%				
605365	Southcoast Mass	New Bedford	New Bedford- Intersection Improvements At Route 140/Route 6 (Kempson Street) And Brownell Avenue.	5	HSIP	\$ 1,195,138	\$ 1,075,642	\$ 119,516	STP (\$2,324,429) / HSIP (\$896,010) Total Cost = \$3,220,439; Construction; EC Score 60 OF 73; Status 25%. Eligible for HSIP & CMAQ Funding Action 29.01 Increase Cost				
			<b>HSIP Regional Targets Sub-Total</b>			<b>\$10,887,175</b>	<b>\$9,798,458</b>	<b>\$1,088,718</b>					
606466	Statewide	Statewide	Statewide- Signs & Marking Upgrades For Stop-Sign-Controlled Intersections At Various Locations		HSIP	\$ -	\$ -	\$ -	to be replaced with new file number. Action 23.01 Remove from 2013, completed in 2012, shift funds to project #607402				
607069	Statewide	Statewide	Statewide- Various Safety Strategies To Be Determined Based On 2012 SHSP And Updates		HSIP	\$ 1,225,000	\$ 1,102,500	\$ 122,500	All projects yet to be determined - SHSP update draft should be available by summer 2012; Action 23.02 move \$675,000 into project #607402 and \$100,000 into project #607521				
607070	Statewide	Statewide	Statewide- Implementation Phase I) Of The Flashing Yellow Arrow At Signalized Intersections-One Of The "RWMA Nine Proven Countermeasures		HSIP	\$ 2,000,000	\$ 1,800,000	\$ 200,000	Development of project scope and PNF underway. Action 23.03 Remove project #605442 and shift funds to project #607070				
605442	Statewide	Statewide	Longmeadow-West-Springfield-Guide-&-Traffic-Sign-Replacement-Only		HSIP	\$ -	\$ -	\$ -	AC 2 of 2. TFFC \$4.4M. Action 23.03 Remove project and shift funds to project #607070				
607402	Statewide	Statewide	Statewide - Signs and Marking Upgrades at interchanges to reduce wrong way crashes		HSIP	\$ 1,675,000	\$ 1,507,500	\$ 167,500	Action 23.05 Add to 2013, fund with \$1,000,000 from project #606466 completed in 2012 and with \$675,000 from project #607069				
607521	Statewide	Statewide	Implement Emphasis Area Plans for SHSP		HSIP	\$ 100,000	\$ 90,000	\$ 10,000	Action 23.06 Takes \$100,000 from project #607669 which is used as a placeholder				
			<b>Statewide HSIP Program</b>			<b>\$5,000,000</b>	<b>\$4,500,000</b>	<b>\$500,000</b>	HOLDING SPOT TO ACQUIRE FOR \$22.25M (100% Equity Bonus used for EAFGANS Payment) 1.24.01 Subtract \$2.25M Federal which was oblig. Equity Bonus and apply it towards action 21.02 MB1 Leominster Procurement				
			Statewide Railroad Grade Crossings		R-H Crossings	\$10,000,000	\$8,000,000	\$ 2,000,000					
			Statewide Railroad Grade Crossings			\$10,000,000	\$9,000,000	\$ 2,000,000					
			<b>Highway Safety Improvement Program Total</b>			<b>\$26,887,175</b>	<b>\$24,298,458</b>	<b>\$2,588,718</b>					

Funding Split Varies by Project Specification

FFY 2013 State Transportation Improvement Program - Commonwealth of Massachusetts

MassDOT Project ID	MPO	Municipality Name	MassDOT Project Description	District	Funding Source	Total Programmed Funds	Federal Funds	Non-Federal Funds	Additional Information	Ad Date	Advertised Amount	Federal Participation Cost	STIP or OA Actual
603457	Old Colony	West Bridgewater	West Bridgewater- Intersection Improvements At Route 106 & Route 28 (Central Square)	5	CMAQ	\$ 1,569,376	\$ 1,255,501	\$ 313,875	25% Design, HPP-1931, Total Cost YOE is \$2,415,960; Funded by SAFETEA-LU HPP Earmark, STP, HSIP, and CMAQ Action 28 04 Increase project cost and amend STP funds into CMAQ	1/26/2013	\$1,047,627		CM-002S(502)
602912	Pioneer Valley	Chicopee	Chicopee- Chicopee River Riverwalk Multi-Use Path Construction, From Grape Street To Front Street (Near Ellerton Street - Design Funds)	2	CMAQ	\$ 129,316	\$ 103,453	\$ 25,863	10.02 TEC 25%				
606045	Pioneer Valley	Holyoke	Holyoke- Signal & Intersection Improvements At Homestead Avenue & Lower Westfield Road	2	CMAQ	\$ 1,352,827	\$ 1,082,262	\$ 270,565	5.77 TEC 25% Resub				
606375	Pioneer Valley	Northampton	Northampton- Park & Ride Construction At The Va Medical Center	2	CMAQ	\$ 800,000	\$ 640,000	\$ 160,000	Action 29.04 Increase project cost, and amend STIP into CMAQ				
600496	Southeast Mass	Dartmouth	Dartmouth- Ramp Construction At Route I-195/France Corner Road (Phase 1) Includes Bridge Widening, D-04-d6, France Corner Road Over I-195	5	CMAQ	\$ 7,191,168	\$ 5,752,934	\$ 1,438,234	Construction: EC Score 31 Of 73; Status 25% STP- Providence Action 29.02 Decrease project cost and amend STP into CMAQ				
605141	Southeast Mass	Attleboro	Attleboro- Reconstruction & Geometric Improvements On Tiffany Street, From Route 123 To New Road (Phase 1)	5	CMAQ	\$ 2,901,407	\$ 2,321,126	\$ 580,281					
	Southeast Mass	Regionwide	Bike Rack Installation	5	CMAQ	\$ 100,000	\$ 80,000	\$ 20,000					
			<b>Regional CMAQ Subtotal</b>			<b>\$35,714,215</b>	<b>\$28,643,163</b>	<b>\$7,071,052</b>					
605181	Merrimack Valley	Methuen	Methuen- Interchange Reconstruction On I-93 At Route 110/113 Rotary, Including Removal Of M-17-017 & M-17-018, Rehab Of M-17-007 & New Bridge Construction Of M-17-040	4	CMAQ	\$ 17,700,000	\$ 14,160,000	\$ 3,540,000	Total Project Cost = \$59,892,000 FY 2013, 2014 & 2015 Statewide CMAQ & TE + 2013 HPP #2434 (2005) + 2013 M (2010 Discretionary) + FY 2013 and FY 2015 STP, CMAQ & HSIP + FY 2014 STP + HSIP (Construction), TEC = 9.63 out of 18, (C.C.)				
	Statewide	Statewide	MBTA - Procurement of 10 Option Locomotives		CMAQ	\$ 40,318,750	\$ 32,255,000	\$ 8,063,750	Action 21.01 Add to FFY 2013. Total cost is \$53,811,250. Move \$13,531,250 Total Cost from state match to CMAQ to other as this cost will be obligated by obligated Authority which will be obligated as CMAQ for this project. Statewide CMAQ amount of \$40,318,750 Total Cost to come from a reduction in the programmed CAT/GANS debt service/ (\$32.25. M + 20% state match = \$40,318,750)				
	Statewide	Statewide	Travel Options, Vanpools, Alternative Vehicles, ACO		CMAQ	\$ 19,041,948	\$ 15,233,558	\$ 3,808,390					
	Statewide	Statewide	Statewide CMAQ Program		CMAQ	\$ 777,060,698	\$ 651,648,558	\$ 125,412,140					
606414		Statewide	HOG Operations And Maintenance Support HHS-Contract- Consultant Service Contract for ITS design and support services		CMAQ	\$ 750,000	\$ 600,000	\$ 150,000	Action 15.03 Delete 606914 and combine funds evenly with 606913 and 606414; Action 19.01, update project description				
606913		Statewide	Consultant Services Contract For ITS Design And Support Services		CMAQ	\$ 750,000	\$ 600,000	\$ 150,000	Action 15.04 Delete 606914 and combine funds evenly with 606913 and 606414				
606914		Statewide	Consultant Services-Contract For ITS Design And Support Services		CMAQ	\$ -	\$ -	\$ -	Action 15.03 Delete 606914 and combine funds evenly with 606913 and 606414				
606422	I-95	Statewide	Burlington-Webster- Reading- Expansion Of Fiber- CCTV, VMS- & Traffic Sensor Network On I-95	4	CMAQ	\$ -	\$ -	\$ -	Action 30.18 Remove from 2013	4/13/2013			
606915	Statewide	Statewide	HOC and ITS Field Equipment Operational Expenses For 2 Years		CMAQ, STP-Flex	\$ 1,000,000	\$ 800,000	\$ 200,000	Action 19.02, change funding source				
606972	Statewide	Statewide	ITS Portion of Interstate Maintenance		CMAQ	\$ 2,000,000	\$ 2,000,000	\$ -	Action 2: Add project				
606283	I-495 from Hopkinton to Lawrence	Hopkinton to Lawrence	Hopkinton To Andover- Installation Of Cameras, Message Signs & Communication Infrastructure On I-495 (Design/Build ITS)	3 & 4	CMAQ	\$ 8,000,000	\$ 6,400,000	\$ 1,600,000	Action 30.18 Cost increase	4/13/2013			
			Statewide ITS Program			\$12,500,000	\$10,400,000	\$2,100,000					
						<b>\$125,274,913</b>	<b>\$100,691,722</b>	<b>\$24,583,191</b>					
						<b>Completion Mitigation and Air Quality Total</b>							



MassDOT Project ID	MPO	Municipality Name	MassDOT Project Description	District	Funding Source	Total Programmed Funds	Federal Funds	Non-Federal Funds	Additional Information	Ad Date	Advertisement Amount	Federal Participation Cost	STIP or OA Actual
<b>FFY 2013 State Transportation Improvement Program - Commonwealth of Massachusetts</b>													
<b>National Highway Performance Program</b>													
<b>Federal Aid Bridge Projects</b>													
603379	Boston	Boston	Over-Maint-River	6	BR-AG	\$	\$	\$	Action 13.03 AC Converted in FFY2012. Adjustment to 0M.				
606448	Boston	Boston	Boston- Deck Patching & Superstructure Repairs On B-16-365 (Bowler Overpass)	6	NHPP \$	10,800,110	\$ 8,640,088	\$ 2,160,022					
605774	Boston	Hopkinton	Hopkinton- Bridge Bettermnt, H-23-012, I-90 Ramp Over I-495	3	NHPP	\$ 5,341,960	\$ 4,273,568	\$ 1,068,392					
600703	Boston	Lexington	Lexington- Bridge Replacement, L-10-009, Route 2 (Eb & Wb) Over Route I-95 (Route 128)	4	NHPP-AC	\$ 1,800,000	\$ 1,440,000	\$ 360,000	AC Yr. 1 of 3. Total Cost = \$31,800,000				
603711	Boston	Needham etc	Needham- Wellesley- Rehad/Replacement Of 6 Bridges On I-95/Route 128, N-04-020, N-04-021, N-04-022, N-04-026, N-04-027 & W-13-023 (Add-A-Lane - Contract V)	6	NHPP-AC	\$ 2,000,000	\$ 1,600,000	\$ 400,000	AC Yr. 1 of 5. NHS+BR Total Cost = \$127,500,000 (\$120,000,000 programmed within FFY's 2013-16+17P, AC Yr. 5 of 5 will be programmed in FFY 2017)				
604507	Central Mass	Oxford	Oxford - Culvert Replacement, O-06-001, Comins Road Over French River	3	NHPP	\$ 1,303,038	\$ 1,042,430	\$ 260,608	Construction / Design Status= 25% / Total Project Cost = \$1,303,038				
604065	Central Mass	Worcester	Worcester - Bridge Reconstruction, W-44-094, (S/P) Belmont Street Over I-290	3	NHPP	\$ 9,747,000	\$ 7,797,600	\$ 1,949,400	Construction / Design Status= 25% / Action 26.07 Increase Cost				
603478	Franklin	Deerfield	Deerfield- Bridge- Rehabilitation- D-06-044 & D-16-045-Route-4-91 (Nb-&Sb)-Over-The-Deerfield-River-(Belwater-Road-And-Lower-Road)	2	BR-AG	\$	\$	\$	Action 14.01 Retirement of 2013, 2014 and 2015 AC balances	12/22/2012			NHP-0025(462)
601585	Franklin	Gitt-etc	Gitt- Montague- Bridge- Rehabilitation- G-03-039-M-28-031-Avenue-A-Over-Connecticut-River-&-Repair-Of-G-12-029-M-28-031-Montague-City-Road-Over-The-Connecticut-River	2	BR-AG	\$	\$	\$					
600911	Franklin	Monroe	Monroe- Rowe- Bridge Preservation, M-26-007-R-10-002, Depot Street Over The Deerfield River	1	NHPP	\$ 3,000,000	\$ 2,400,000	\$ 600,000					
604029	Martha's Vineyard	Oak Bluffs	Oak Bluffs - Fishery - Bridge Replacement, O-01401=T-04-001, Beach Road Over Lagoon Pond Drainbridge	5	NHPP-AC	\$ 9,000,000	\$ 7,200,000	\$ 1,800,000	Action 4.01 - 75% DESIGN Accelerated Construction Year 1 of 1				
600988	Martha's Vineyard	Groveland	Groveland- Harvest Hill- Bridge- Replacement- G-15-031-H-12-012-Route-92-&Route-112-Over-The-Merrimack-River-(Bates-Bridge)	4	BR-AC-ON	\$	\$	\$	Action 2.01 AC Converted in FFY2012. Adjustment to 0M				
603514	Montachusett	Leominster	Leominster- Bridge Replacement, L-08-014, Whitney Street Over The Monnoosoc Brook	3	NHPP	\$3,901,629	\$3,121,303	\$ 780,326	Cost Est as of 4/13; Bridge On System Action 3.11 Cost increase				
606202	Northwest Middlesex	Bunstable	Bunstable- Bridge- Replacement- D-13-003- Main-Street-Over-Selmon-Brook	3	NHPP	\$	\$	\$	Action 32.04 Move to 2014, use STP				
601845	Northwest Middlesex	Lowell	Lowell- Bridge Demolition, L-15-021 & New- Bridge- Construction, L-15-093- University-(Foster)-Avenue-Over-The-Merrimack-River-And-Northern-Canal	4	BR-AC-ON	\$	\$	\$	Action 3.01 AC Converted in FFY2012. Adjustment to 0M				
82611	Pioneer Valley	Cheesee	Cheesee- Holyoke- Bridge- Rehabilitation- C-13-012-H-21-030-Route-116-(Cheesee/CabotSt)-Over-Connecticut-River-&-P-R-R-(Aka-Millstream-Bridge)	2	BR-ON	\$	\$	\$	Action 10.05 AC Converted in FFY2012. Adjustment to 0M				
603618	Pioneer Valley	Ludlow	Ludlow- Wilbham - Bridge Rehabilitation/Construct Street Over The Cheesee River	2	NHPP	\$ 950,000	\$ 760,000	\$ 190,000					
606345	Pioneer Valley	Springfield	Springfield - Bridge Rehabilitation, S-24-077, Route I-291 Over Pass Boulevard	2	NHPP	\$ 3,125,400	\$ 2,500,320	\$ 625,080					
606033	Southwest Mass	Attleboro	Attleboro- Bridge-Preservation-A-16-053-1-95-(N)-Over-North-Avenue	5	NHPP	\$ 1,440,000	\$ 460,000	\$ 980,000	Action 29.07 Amend out of TIP				
604642	Southwest Mass	Berkley	Berkley- Bridge Replacement, B-08-003, Padelford Street Over State Route 24	5	NHPP	\$ 6,403,679	\$ 5,122,943	\$ 1,280,736	Action 29.08 Cost increase				
600496	Southwest Mass	Dartmouth	Dartmouth- Ramp Construction At Route I-195/France Corner Road (Phase 1) Includes Bridge Widening, D-04-816, Faunce Corner Road Over I-195	5	NHPP	\$ 8,947,537	\$ 7,158,030	\$ 1,789,507	Action 29.03 Decrease amount of project cost in BR-ON(NHPP)				
605828	Southwest Mass	Fall River	Fall-River- Bridge-Bettermnt- F-02-042- Wilson-Road-Over-Route-24	5	BR-ON	\$	\$	\$	Action 11.01 Delete from 2013.		\$0		
606136	Southwest Mass	Fall River	Fall-River- Superstructure- Replacement- F-02-044- Mendham-Street-Over-Route-24	5	NHPP	\$ 4,600,000	\$ 3,680,000	\$ 920,000	Action 29.11 Amend out of TIP	12/29/2012	261773515		NHP-0025(425)
606254	Southwest Mass	Fall River	Fall-River- Concrete- Structural- Steel- Repairs- & Painting- F-02-046- E-16-008- I-195-Over-Rte-24- & Taunton-River-(Bridge-Phase-1)	5	NHPP	\$	\$	\$	Action 11.02 Delete from 2013.	4/6/2013	1300000	\$264,870,646	
605223	Southwest Mass	Fall River	FALL RIVER- INTERCHANGE IMPROVEMENTS AT ROUTE I-195/ROUTE 79/ROUTE 138	5	NHPP \$	49,000,000	\$ 39,300,000	\$ 9,800,000	Action 11.01 add to 2013, 2014, 2015, and 2016 with funds same as 06354 for a total cost of \$33,770,157. Of which \$18,070,152 is for I-195/Rte 79 Rte 138 interchange improvements, of which \$175,000,000 is for Rte 138 improvements, of which \$13,745,652 is NFA and \$900,000,000 is for Rte 79. \$98,000,000 is for repairs etc. for B. We include in this AC-AT 1 of 4				
606383	Southwest Mass	Raynham	Raynham- Bridge Deck Replacement, R-02-025, Route 138 Over I-495	5	NHPP	\$ 6,854,763	\$ 5,483,810	\$ 1,370,953	Action 29.12 Cost increase				
607384	Central Mass	Sturbridge	Sturbridge- Clean & Paint Bridges Along I-44 Corridor	3	NHPP	\$ 3,147,750	\$ 2,318,200	\$ 829,550	Action 26.06 Add to 2013	5/4/2013			
			BR-On Statewide Bridge Rehabilitation And Replacement Program			\$127,775,196	\$102,770,157	\$26,184,589					
	statewide	statewide	Bridge Maintenance Program		NHPP	\$9,980,000	\$7,092,000	\$1,915,000					
	statewide	statewide	Statewide Bridge Inspection		NHPP	\$6,250,000	\$5,480,000	\$1,240,000					
			On-System Bridge Total			\$144,015,196	\$115,121,157	\$29,432,589					
										12/29/2012	\$0.000002		NHP-95-(106)



FFY 2013 State Transportation Improvement Program - Commonwealth of Massachusetts												
MassDOT Project ID	MPO	Municipality Name	MassDOT Project Description	District	Funding Source	Total Programmed Funds	Federal Funds	Non-Federal Funds	Additional Information	Ad Date	Federal Participation Cost	STIP or OA Actual
<b>Federal Aid Non-Target Projects</b>												
<b>Earmarks</b>												
604687	Boston	Arlington	Arlington- Reconstruction Of Massachusetts Avenue, From Pond Lane To The Cambridge C.L.	4	HPP (2005)	\$ 1,445,400	\$ 1,164,320	\$ 281,080	Construction: CMAQ+TE+Statewide TE+SAFE+LU Earmark Section 129 Earmark Total Cost = \$5,881,336			
606889	Boston	Boston	Boston-Improvements-AlongGainsborough-Ave-S-Boston-Streets	6	HPP (2005)	\$ -	\$ -	\$ -	Construction: HPP 2012 Action 30.11 Removal from 2013, will be reprogrammed in 2014 of FY 2014-1017 TIP			
606226	Boston	Boston	Boston- Reconstruction Of Rubberford Avenue, From City Square To Sullivan Square	6	HPP (2005)	\$ 1,124,874	\$ 899,899	\$ 224,975	Design: HPP 3568; local match			
605188	Boston	Cambridge	Cambridge- Common Improvements At Waterhouse Street, Mass Ave & Garden Street	6	HPP (2005)	\$ 1,124,874	\$ 899,899	\$ 224,975	Construction: TE+Statewide TE+SAFE+LU Earmark Total Cost = \$2,764,874; Total Cost was \$2,161,874			
606209	Boston	Framingham	Framingham- Reconstruction Of Route 126 (Concord Street)	3	HPP (1998)	\$ 3,983,545	\$ 3,186,836	\$ 796,709	Construction: HPP 684, TEA-21 Earmark+Section 129 Earmark+Local Funds Total Cost = \$8,347,738			
604988	Boston	Franklin	Franklin- Reconstruction Of Route 140, Main Street & Emmons Street (Downtown Enhancements)	3	HPP (2005)	\$ 5,754,819	\$ 4,603,855	\$ 1,150,964	Construction: HPP 4272			
606235	Boston	Quincy	Quincy- Adams Green Transportation Improvements	6	HPP (2005)	\$ 6,711,062	\$ 5,168,850	\$ 1,542,212	Construction: HPP 431, STP+SAFE+LU Earmark Total Cost = \$4,056,000			
607209	Boston	Somerville	Somerville- Reconstruction Of Beacon Street, From Oxford Street To Cambridge C.L.	4	HPP (2005)	\$ 2,587,214	\$ 2,069,771	\$ 517,443	Construction: HPP 431, STP+SAFE+LU Earmark Total Cost = \$4,056,000			
604659	Boston	Weymouth-etc	Weymouth-Abington- Reconstruction- Widening On Route 1A (Main Street) From Highland Place To Route 129 (4.0 Miles) Includes Rehab Of W-22, 019, Route 1A Over The Old Colony Railroad (ABFEA)	6	HPP (1998)	\$ -	\$ -	\$ -	Construction: HPP 1236, AGY+1663, STP+TEA-21 Earmark+Local Cost = \$28,240,000 Action 30.02 R. moved from 2013, will be reprogrammed in an outer year in the FFY 2014-2017 TIP			
604892	Central Mass	Worcester	Worcester- Bike Path Construction, From Trainer Street To Kilby Street	3	HPP (2005)	\$ 130,000	\$ 104,000	\$ 26,000	Action 12.01 add corrected remaining value from earmarks to 2014, move \$130,000 to 2013 for design. Construction / HPP#918 - MA136 & HPP#4285 - MA207			
605181	Merrimack Valley	Methuen	Methuen- Interchange Reconstruction On I-93 At Route 110/113 Rotary, Including Removal Of M-17-017 & M-17-018, Rehab Of M-17-007 & New Bridge Construction Of M-17-040	4	HPP (2005)	\$ 329,258	\$ 263,406	\$ 65,852	Total Project Cost = \$59,892,000 FY 2013, 2014 & 2015 Statewide CMAQ & TE + 2013 HPP #3434 (2005) + 013 MA (2010 Discretionary) + FY 2013 and FY 2015 TP, CMAQ & HSP + FY 2014 STIP + HSP			
USFWS201301	Merrimack Valley	Newbury	Newbury - Repair, Reconstruction & Resurfacing Of Sunset Drive In Newbury	4	HPP (2005)	\$ 224,975	\$ 179,980	\$ 44,995	HPP # 2891 Total Cost = \$619,995 FY 2013 HPP + FY 013 US FWS Rural Roads Program US FWS Rural Roads Program Funding is 100% Federal Funds does not require a match.			
n/a	Montachusett	Ayer	parking facility	3	HPP (1998)	\$ 3,965,720	\$ 3,158,464	\$ 807,256	Action 10.01 add to 2013			
604339	Montachusett	Winchendon	Winchendon- Multi-Use Trail Construction (North Central Pathway - Phase V) Includes W-39-023, W-39-024 & W-39-028	3	HPP (2005) #1798	\$ 115,500	\$ 3,158,464	\$ (3,042,964)	Action 8.01 add to 2013 earmark for ROW acquisition	3/16/2013		

FFY 2013 State Transportation Improvement Program - Commonwealth of Massachusetts

MassDOT Project ID	MPO	Municipality Name	MassDOT Project Description	District	Funding Source	Total Programmed Funds	Federal Funds	Non-Federal Funds	Additional Information	Advertised Amount	Federal Participation Cost	STIP or OA Actual
	Franklin	Regionwide	Connecticut River Scenic Byway Corridor Management Plan Update		Sc Bywy Disc 2008	\$ 162,936	\$ 130,349		Action 14.03 Add to 2013			
	Franklin	Regionwide	Connecticut River Scenic Byway Land Protection		Sc Bywy Disc 2008	\$ 669,469	\$ 535,575		Action 14.07 Add to 2013			
n/a	Martha's Vineyard	VTA	purchase of (3) 40' transit buses and (1) 30' bus	5	REF	\$ 1,085,000	\$ 1,085,000	\$ -	Action 4.03 - add to 2013 re-purposed funds			
605181	Merrimack Valley	Methuen	Methuen- Interchange Reconstruction On I-93 At Route 110/113 Rotary, Including Removal Of M-17-017 & M-17-018, Rehab Of Newbury - Repair, Reconstruction & Resurfacing Of Sunset Drive In Newbury.	4	IM-disc	\$ 1,000,000	\$ 900,000	\$ 100,000	Total Project Cost = \$59,892,000 FY 2013, 2014 & 2015 Statewide (CMAQ & TE + 2013 HPP #2-14 (2.05) + IPP # 2897, Total cost = \$619,995 FY 2013 HPP - FY 013 LSF - VS Rural Roads Program - US FA - VS Rural Action #01 - add to 2013 re-purposed funds			
USFWS201301	Merrimack Valley	Newbury	Wachusett Commuter Rail Extension	3	REF	\$ 3,621,955	\$ 3,621,955	\$ -	Action 5.01 - add to 2013 re-purposed funds			
n/a	Monmouth	MBTA	purchase of (4) 25' buses	5	REF	\$ 749,000	\$ 749,000	\$ -	Action 3.03 - add to 2013 re-purposed funds			
n/a	Nantucket	NRTA	garage construction at Gallagher Terminal	3	REF	\$ 2,500,000	\$ 2,500,000	\$ -	TT-178 Action 28.05 Decrease Cost			
n/a	Norfolk	LRTA	Brookton- Downtown Road & Streetscape Improvements (Phase I)	5	REF	\$ 1,971,608	\$ 1,577,286	\$ 394,322	Action 6.01 - add to 2013 re-purposed funds			
603675	Old Colony	Brookton	purchase of (3) 35' hybrid buses and (2) 35' diesel buses	5	REF	\$ 2,600,000	\$ 2,600,000	\$ -	NSBG			
n/a	Old Colony	BAT	CT Scenic Byway 2011 access & interpretation	2	Sc Bywy	\$ 203,364	\$ 162,691	\$ 40,673	NSBG			
n/a	Pioneer Valley	Regionwide	Jacob's Ladder Scenic Byway 2011 Blanche Barlow Acres/Goose Pond recreational access	2	Sc Bywy	\$ 170,100	\$ 136,080	\$ 34,020	NSBG			
n/a	Pioneer Valley	Regionwide	real-time customer information project	2	REF	\$ 450,000	\$ 450,000	\$ -	Action 10.01 - add to 2013 re-purposed funds	99,300		
n/a	Pioneer Valley	PVTA	Scenic Byway Grant - Trail Linkages - Rte 112 & JLT	2	Sc Bywy	\$ 68,375	\$ 54,700	\$ 13,675	Action 10.06 - Add to 2013.			
n/a	Pioneer Valley	Regionwide	Fall River- Interchange Improvements At Route 1495/Route 79/Route 138	5	S330	\$ 993,500	\$ 993,500	\$ -	Action 11.08 - add to 2013, 2014, 2015, and 2016 with funds from (06354 for a total cost of \$ 8,779,152, of which \$18,770,152 is for I-195/Rte 79) Rte 138 level improvements, of which \$15,100,000 is for R 7 08,000,000 is for repairs, 1 info, or the AC-28.1 of 4.			
605223	Southeastern Mass	Fall River	Cambridge - Common Impoements at Waterhouse Street, Mass Ave & Garden Street	6	VPPP	\$ 929,840	\$ 743,872	\$ 185,968	Action 10.06 - Add to 2013.			
n/a	Southeastern Mass	Cambridge	purchase of (2) 30' transit buses	5	REF	\$ 983,928	\$ -	\$ 983,928	Action 11.02 Move from Statewide CMAQ to other project. Total Cost to come from deobligated blue on 1 Authority which will be reobligated as blue on 1 Authority project.			
n/a	Southeastern Mass	GATRA	parking deck maintenance and beams	5	REF	\$ 495,000	\$ -	\$ 495,000	Action 11.13 Add to 2013			
n/a	Southeastern Mass	SRTA	Dartmouth- Ramp Construction At Route I-195/Faunce Corner Road (Phase I) Includes Bridge Widening, D-04-016, Faunce Corner Road Over I-195	5	Other	\$ 6,803,697	\$ 5,442,958	\$ 1,360,739	Action 29.16 Move \$6,803,697 of Total Cost increase to other as this Cost will be funded by deobligated. Obligated Authority which will be reobligated as CMAQ for this project.			
600496	Southeastern Mass	Dartmouth	Belmont - Watertown - Reconstruction on Trapulo Road & Belmont Street	6	Other	\$ 2,231,376	\$ 1,785,101	\$ 446,275	Action 21.02 Move from Statewide CMAQ to other project. Total Cost to come from deobligated blue on 1 Authority which will be reobligated as blue on 1 Authority project.			
604688	Boston	Belmont	MBTA - Procurement of 10 Option Locomotives		Other	\$ 13,531,250	\$ 10,825,000	\$ 2,706,250	Action 11.02 Move from Statewide CMAQ to other project. Total Cost to come from deobligated blue on 1 Authority which will be reobligated as blue on 1 Authority project.			
n/a	Boston	n/a	Essex Coastal Scenic Byways Wayfinding, Signage System		Sc Bywy	\$ 275,000	\$ 220,000	\$ 55,000	Action 11.02 Move from Statewide CMAQ to other project. Total Cost to come from deobligated blue on 1 Authority which will be reobligated as blue on 1 Authority project.			
n/a	Boston	n/a	Miscellaneous / Other Total		Sc Bywy	\$ 275,000	\$ 220,000	\$ 55,000	Action 11.02 Move from Statewide CMAQ to other project. Total Cost to come from deobligated blue on 1 Authority which will be reobligated as blue on 1 Authority project.			
<b>Remark Total</b>						<b>\$95,934,973</b>	<b>\$64,655,538</b>	<b>\$7,991,171</b>				

**STATE Transit Outlook**

**Project List (FY13)**

FTA Program	Regional Transit	Project Description	FTA Scope & Activity	Carryover or Earmark	Federal Funds	State Match Sources					RTA Funds	Total Cost
						RTACAP	MAP	ITCCAP	TDC	SCA		
5307	MART	40' Bus Rolling Stock (1)		Carryover FFY12	\$312,000	\$78,000	\$0	\$0	\$0	\$0	\$0	\$390,000
	MART	North Leominster Garage Construction (Fed \$ for TDC)		FFY10 Carryover \$365,000; FFY11 Carryover \$385,000; FFY12 \$750,000	\$1,500,000	\$0	\$0	\$0	\$300,000	\$0	\$0	\$1,500,000
	MART	Wachusett Commuter Rail Extension		repurposed funds	\$3,621,955	\$0	\$0	\$0	\$0	\$0	\$0	\$3,621,955
	MART	Misc Rehab Facilities Projects		Carryover FFY10	\$40,000	\$10,000	\$0	\$0	\$0	\$0	\$0	\$50,000
	MART	Purchase Network Equipment			\$40,000	\$10,000	\$0	\$0	\$0	\$0	\$0	\$50,000
	MART	Unfunded SGR Projects: Roof repairs & CO/NO2 sensors			\$120,000	\$30,000	\$0	\$0	\$0	\$0	\$0	\$150,000
	MART	Urbanized Area Service Fixed Route & Paratransit Operations			\$1,511,909	\$0	\$0	\$0	\$0	\$1,511,909	\$0	\$3,023,818
	MART	Fuel as a Capital Maintenance Provision			\$238,091	\$0	\$0	\$0	\$0	\$59,523	\$0	\$297,614
	MBTA	POWER PROGRAM			\$47,267,526	\$0	\$0	\$0	\$0	\$0	\$11,816,882	\$59,084,408
	MBTA	SYSTEMS UPGRADES			\$8,786,066	\$0	\$0	\$0	\$0	\$0	\$2,196,517	\$10,982,583
	MBTA	STATIONS (ACCESSIBILITY) - GOVERNMENT CENTER			\$32,761,068	\$0	\$0	\$0	\$0	\$0	\$8,190,267	\$40,951,335
	MBTA	STATIONS (ACCESSIBILITY) - STATE STREET			\$17,197,512	\$0	\$0	\$0	\$0	\$0	\$4,299,378	\$21,496,890
	MBTA	FACILITIES (YARDS, SHOPS, PARKING, ETC.) - PARKING SYSTEMS IMPROVEMENTS			\$15,000,000	\$0	\$0	\$0	\$0	\$0	\$3,750,000	\$18,750,000
	MBTA	PREVENTATIVE MAINTENANCE REVENUE VEHICLES (193 ECD BUSES - OVERHAUL)		YES, 2012	\$ 12,000,000	\$0	\$0	\$0	\$0	\$0	\$ 3,000,000	\$ 15,000,000
	MBTA	STATIONS (ACCESSIBILITY) - STATIONS (ELEVATOR/ESCALATOR PROGRAM)		YES, 2012	\$ 22,000,000	\$0	\$0	\$0	\$0	\$0	\$ 5,500,000	\$ 27,500,000
	MBTA	SYSTEMS UPGRADES		YES, 2010	\$ 1,612,767	\$0	\$0	\$0	\$0	\$0	\$ 403,192	\$ 2,015,959
	MBTA	REVENUE VEHICLES (75 HYUNDAI ROTEM COACHES - PROCUREMENT)		YES, 2011	\$ 95,487,128	\$0	\$0	\$0	\$0	\$0	\$ 23,871,782	\$ 119,358,910
	MBTA	POWER PROGRAM		YES, 2011	\$ 60,000,000	\$0	\$0	\$0	\$0	\$0	\$ 15,000,000	\$ 75,000,000
	MBTA	FACILITIES (YARDS, SHOPS, PARKING, ETC.) - SCIENCE PARK			\$ 17,600,000	\$0	\$0	\$0	\$0	\$0	\$ 4,400,000	\$ 22,000,000
	MBTA	STATIONS (ACCESSIBILITY) - STATION IMPROVEMENTS		YES, 2009 & 2010	\$ 26,378,210	\$0	\$0	\$0	\$0	\$0	\$ 6,594,553	\$ 32,972,763
	MBTA	STATIONS (ACCESSIBILITY) - ORIENT HEIGHTS STATION PROJECT		YES, 2011	\$ 30,763,964	\$0	\$0	\$0	\$0	\$0	\$ 7,690,991	\$ 38,454,955
	MBTA	SYSTEMS UPGRADES (SYSTEMS UPGRADES)		YES, 2011	\$ 807,254	\$0	\$0	\$0	\$0	\$0	\$ 201,814	\$ 1,009,068
	CATA	Preventative Maintenance			\$300,000	\$0	\$0	\$0	\$0	\$75,000	\$0	\$375,000
	CATA	29' Bus Rolling Stock (4)			\$214,000	\$0	\$0	\$0	\$0	\$206,000	\$0	\$420,000
	MWRTA	Paratransit			\$1,300,000	\$47,825	\$0	\$0	\$0	\$277,175	\$0	\$1,625,000
	MWRTA	Equipment and Facilities			\$368,698	\$92,175	\$0	\$0	\$0	\$0	\$0	\$460,873
	BAT	Capital Parts	11.12.40	Carryover, FFY11	\$96,000	\$24,000	\$0	\$0	\$0	\$0	\$0	\$120,000
	BAT	Support Equipment	11.42.20	Carryover, FFY11	\$40,000	\$10,000	\$0	\$0	\$0	\$0	\$0	\$50,000
	BAT	ITC Improvements	11.34.03	Carryover, FFY11	\$16,000	\$4,000	\$0	\$0	\$0	\$0	\$0	\$20,000
	BAT	(3) 35' hybrid buses; (2) 35' diesel buses		repurposed funds	\$2,600,000	\$0	\$0	\$0	\$0	\$0	\$0	\$2,600,000
	BAT	AVL/GPS Fixed Route	11.52.04	Carryover, FFY11	\$175,000	\$175,000	\$0	\$0	\$0	\$0	\$0	\$350,000
	BAT	VOH (3) 2005 Vehicles	11.17.01	Carryover, FFY11	\$387,500	\$237,500	\$0	\$0	\$0	\$0	\$0	\$625,000
	BAT	PM/ADA/Operating		Carryover, FFY12	\$2,460,000	\$0	\$0	\$0	\$0	\$5,095,063	\$6,844,937	\$14,400,000
	BAT	PM/ADA/Operating/Capital			\$2,974,500	\$0	\$0	\$0	\$0	\$0	\$743,625	\$3,718,125
	WRTA	Associated Capital Maintenance/Tires	11.12.40		\$80,000	\$20,000	\$0	\$0	\$0	\$0	\$0	\$100,000
	WRTA	Maintenance / Admin Facility Rehab	11.44.02		\$80,000	\$20,000	\$0	\$0	\$0	\$0	\$0	\$100,000
	WRTA	Support Vehicle	11.42.11		\$28,000	\$7,000	\$0	\$0	\$0	\$0	\$0	\$35,000
	WRTA	Shop Equipment	11.42.06		\$120,000	\$30,000	\$0	\$0	\$0	\$0	\$0	\$150,000
	WRTA	Computer Related	11.42.07 / 11.42.08		\$110,160	\$27,540	\$0	\$0	\$0	\$0	\$0	\$137,700
	WRTA	Signage & Bus Shelters	11.92.02 / 11.94.02 / 11.92.08		\$160,000	\$40,000	\$0	\$0	\$0	\$0	\$0	\$200,000
	WRTA	Replacement - Options only MAP vans (10)	11.12.15		\$56,000	\$14,000	\$0	\$0	\$0	\$0	\$0	\$70,000
	WRTA	Support Equipment - Furniture New Hub	11.42.20		\$128,000	\$32,000	\$0	\$0	\$0	\$0	\$0	\$160,000
	WRTA	Bus Rolling Stock	11.12.01 / 11.12.02	RTACap14	\$1,849,840	\$462,460	\$0	\$0	\$0	\$0	\$0	\$2,312,300
	WRTA	Bus Rolling Stock	11.12.01 / 11.12.02		\$1,387,700	\$0	\$0	\$0	\$277,540	\$0	\$0	\$1,387,700
	WRTA	six replacement buses		carryover	\$3,750,000	\$0	\$0	\$0	\$750,000	\$0	\$0	\$3,750,000
	WRTA	six replacement vans			\$370,000	\$0	\$0	\$0	\$74,000	\$0	\$0	\$370,000
	WRTA	five new vans			\$316,000	\$0	\$0	\$0	\$63,200	\$0	\$0	\$316,000
	WRTA	three electric buses		carryover	\$2,880,000	\$0	\$0	\$0	\$750,000	\$0	\$0	\$2,880,000
	WRTA	Preventive Maintenance	11.7A.00		\$1,515,074	\$0	\$0	\$0	\$0	\$378,769	\$0	\$1,893,843
	WRTA	Project Administration	11.79.00		\$51,861	\$0	\$0	\$0	\$0	\$12,965	\$0	\$64,826
	WRTA	Transportation Planning	11.24.00		\$247,254	\$0	\$0	\$0	\$0	\$61,814	\$0	\$309,068
	WRTA	ADA Paratransit Services	11.7C.00		\$898,100	\$0	\$0	\$0	\$0	\$224,525	\$0	\$1,122,625
	PVTA	ITS Implementation/Misc Support	11.42.20	Carryover FFY04	\$513,831	\$128,458	\$0	\$0	\$0	\$0	\$0	\$642,289
	PVTA	ITS Implementation/Misc Support	11.42.20	Carryover FFY08	\$300,000	\$75,000	\$0	\$0	\$0	\$0	\$0	\$375,000

**STATE Transit Outlook**

**Project List (FY13)**

FTA Program	Region	Project Description	FTA Scope & Activity	Carryover or Earmark	Federal Funds	State Match Sources					RTA Funds	Total Cost
						RTACAP	MAP	ITCCAP	TDC	SCA		
PVTA		Environmental Compliance	11.44.02	Carryover FFY11	\$76,800	\$19,200	\$0	\$0	\$0	\$0	\$0	\$96,000
PVTA		Facility Rehab / Environmental Compliance	11.44.02	Carryover FFY08	\$251,070	\$62,768	\$0	\$0	\$0	\$0	\$0	\$313,838
PVTA		Facility Rehab / Environmental Compliance	11.44.02	Carryover FFY09	\$96,154	\$24,038	\$0	\$0	\$0	\$0	\$0	\$120,192
PVTA		Facility Rehab / SSI	11.34.01	Carryover FFY10	\$58,296	\$0	\$0	\$0	\$11,659	\$0	\$0	\$58,296
PVTA		Shop Equipment	11.42.20	Carryover FFY11	\$76,800	\$19,200	\$0	\$0	\$0	\$0	\$0	\$96,000
PVTA		Shop Equipment	11.42.06	Carryover FFY09	\$4,092	\$1,023	\$0	\$0	\$0	\$0	\$0	\$5,115
PVTA		Shop Equipment	11.42.06	Carryover FFY08	\$44,278	\$11,070	\$0	\$0	\$0	\$0	\$0	\$55,348
PVTA		Computer Equipment	11.42.07	Carryover FFY11	\$312,082	\$78,020	\$0	\$0	\$0	\$0	\$0	\$390,102
PVTA		real-time customer information signage		repurposed funds	\$450,000	\$0	\$0	\$0	\$0	\$0	\$0	\$450,000
PVTA		Computer Equipment	11.42.07	Carryover FFY09	\$44,318	\$11,080	\$0	\$0	\$0	\$0	\$0	\$55,398
PVTA		Surveillance Equipment	11.42.09	Carryover FFY10	\$6,300	\$0	\$0	\$0	\$1,260	\$0	\$0	\$6,300
PVTA		Surveillance Equipment	11.42.09	Carryover FFY10	\$130,540	\$32,635	\$0	\$0	\$0	\$0	\$0	\$163,175
PVTA		Surveillance Equipment	11.42.09	Carryover FFY08	\$116,459	\$29,115	\$0	\$0	\$0	\$0	\$0	\$145,574
PVTA		Miscellaneous Communications Equipment	11.62.20	Carryover FFY08	\$98,303	\$24,576	\$0	\$0	\$0	\$0	\$0	\$122,879
PVTA		Signal Priority	11.62.02	Carryover FFY11	\$140,000	\$35,000	\$0	\$0	\$0	\$0	\$0	\$175,000
PVTA		Shelters	11.92.02	Carryover FFY11	\$3,494	\$873	\$0	\$0	\$0	\$0	\$0	\$4,367
PVTA		Shelters	11.92.02	Carryover FFY10	\$217,697	\$0	\$0	\$0	\$43,539	\$0	\$0	\$217,697
PVTA		Shelters	11.92.02	Carryover FFY09	\$130,540	\$32,635	\$0	\$0	\$0	\$0	\$0	\$163,175
PVTA		Shelters	11.92.02	Carryover FFY08	\$50,446	\$12,611	\$0	\$0	\$0	\$0	\$0	\$63,057
PVTA		Shelter Lighting	11.92.03	Carryover FFY10	\$31,200	\$0	\$0	\$0	\$6,240	\$0	\$0	\$31,200
PVTA		Signage and Lighting	11.92.08	Carryover FFY11	\$110,064	\$27,516	\$0	\$0	\$0	\$0	\$0	\$137,580
PVTA		Signage	11.92.08	Carryover FFY10	\$27,804	\$0	\$0	\$0	\$5,561	\$0	\$0	\$27,804
PVTA		Preventive Maintenance		Carryover FFY12	\$4,660,770	\$0	\$0	\$0	\$0	\$0	\$1,165,193	\$5,825,963
PVTA		ADA		Carryover FFY12	\$1,137,300	\$0	\$0	\$0	\$0	\$0	\$227,460	\$1,364,760
PVTA		Planning		Carryover FFY12	\$200,000	\$0	\$0	\$0	\$0	\$0	\$50,000	\$250,000
PVTA		Fuel Surcharge		Carryover FFY12	\$200,000	\$0	\$0	\$0	\$0	\$0	\$50,000	\$250,000
PVTA		40' Bus Rolling Stock (1)	11.12.01	Carryover FFY12	\$938,842	\$0	\$0	\$0	\$246,210	\$0	\$0	\$938,842
PVTA		60' Art. Bus Rolling Stock (3)	11.12.06	Carryover FFY12	\$2,139,368	\$534,842	\$0	\$0	\$0	\$0	\$0	\$2,674,210
PVTA		Environmental Compliance	11.44.02	Carryover FFY12	\$60,000	\$0	\$0	\$0	\$15,000	\$0	\$0	\$60,000
PVTA		Facility Rehab	11.44.02	Carryover FFY12	\$1,460,000	\$0	\$0	\$0	\$365,000	\$0	\$0	\$1,460,000
PVTA		Fareboxes	11.42.10	Carryover FFY12	\$80,000	\$0	\$0	\$0	\$20,000	\$0	\$0	\$80,000
PVTA		Shop Equipment	11.42.06	Carryover FFY12	\$140,000	\$0	\$0	\$0	\$35,000	\$0	\$0	\$140,000
PVTA		Signage and Lighting	11.92.08	Carryover FFY12	\$120,000	\$0	\$0	\$0	\$30,000	\$0	\$0	\$120,000
PVTA		Support/Spv Vehicles	11.42.11	Carryover FFY12	\$160,000	\$0	\$0	\$0	\$40,000	\$0	\$0	\$160,000
PVTA		<20' Vans (11)	11.12.15	Carryover FFY12	\$593,022	\$0	\$0	\$0	\$148,256	\$0	\$0	\$593,022
CCRTA		Bus Other Capital Items	117-00		\$3,588,654	\$0	\$0	\$0	\$0	\$897,164	\$0	\$4,485,818
CCRTA		bus rolling stock			\$1,178,172	\$241,356			\$42,666			\$1,420,108
CCRTA		bus station/terminals/stops			\$158,000				\$31,600			\$158,000
CCRTA		Bus Equipment and Facilities	114-00		\$175,439		\$0	\$0	\$35,088	\$0	\$0	\$175,439
CCRTA		Operating Assistance	300-00		\$269,060	\$0	\$0	\$0	\$0	\$269,060	\$0	\$538,120
CCRTA		Transit Enhancements	119-00		\$56,000	\$0	\$0	\$0	\$11,200	\$0	\$0	\$56,000
GATRA		Planning		FY2011	\$80,000	\$0	\$0	\$0	\$0	\$20,000	\$0	\$100,000
GATRA		Replace 3 Fixed Route Buses		FY2011	\$1,066,500	\$133,500	\$0	\$0	\$106,500	\$0	\$0	\$1,200,000
GATRA		Associated Capital Maintenance Items		FY2011	\$80,000	\$20,000	\$0	\$0	\$0	\$0	\$0	\$100,000
GATRA		Preventative Maintenance		FY2011 + 2012	\$2,800,000	\$0	\$0	\$0	\$0	\$700,000	\$0	\$3,500,000
GATRA		(2) 30' buses		repurposed funds	\$740,000	\$0	\$0	\$0	\$0	\$0	\$0	\$740,000
GATRA		Transit Enhancements		FY2012	\$30,000	\$7,500	\$0	\$0	\$0	\$0	\$0	\$37,500
GATRA		Taunton Terminal Improvements		FY2012	\$480,000	\$0	\$0	\$0	\$96,000	\$0	\$0	\$480,000
GATRA		ADA Paratransit Operating Expense		FY2012	\$1,000,000	\$0	\$0	\$0	\$0	\$250,000	\$0	\$1,250,000
GATRA		Plymouth Facility - preliminary design			\$300,000	\$75,000	\$0	\$0	\$0	\$0	\$0	\$375,000
GATRA		Rehab of two transit buses		FY2012	\$180,000	\$45,000	\$0	\$0	\$0	\$0	\$0	\$225,000
GATRA		purchase vans			\$594,232		\$148,558	\$0	\$0	\$0	\$0	\$742,790
SRTA		Operating		Carryover FFY 11, FFY 12	\$4,876,122				\$4,047,903	\$828,219	\$0	\$9,752,244
SRTA		35' Bus Rolling Stock (8)		Carryover FFY11	\$2,880,000	\$720,000	\$0	\$0	\$0	\$0	\$0	\$3,600,000
SRTA		Preventative Maintenance		Carryover FFY09	\$800,000	\$31,735	\$0	\$0	\$0	\$150,000	\$0	\$981,735
SRTA		Renovations to Maintenance Facilities			\$20,000	\$5,000	\$0	\$0	\$0	\$0	\$0	\$25,000
SRTA		Support Vehicles ( 1)			\$20,000	\$5,000	\$0	\$0	\$0	\$0	\$0	\$25,000
SRTA		Administrative & Support Equipment			\$11,200	\$2,800	\$0	\$0	\$0	\$0	\$0	\$14,000
SRTA		grind & resurface parking deck;replace beam fireproofing		repurposed funds	\$370,000	\$0	\$0	\$0	\$0	\$0	\$0	\$370,000
SRTA		Ongoing Environmental Mitigation			\$20,000	\$5,000	\$0	\$0	\$0	\$0	\$0	\$25,000
SRTA		Administrative Office Buildout			\$12,000	\$3,000	\$0	\$0	\$0	\$0	\$0	\$15,000
SRTA		Safety & Security			\$120,000	\$30,000	\$0	\$0	\$0	\$0	\$0	\$150,000
SRTA		Fall River Terminal Construction		\$450,000, Earmark \$950,000, ARRA \$454,954, Carryover FFY12 \$1,145,046	\$1,145,046	\$0	\$0	\$840,000	\$0	\$0	\$0	\$1,985,046
SRTA		ADA Compliance			\$386,415	\$0	\$0	\$0	\$96,604	\$0	\$0	\$483,019
SRTA		Farebox Project		\$1,200,000, Carryover FFY12 \$40,000	\$40,000	\$10,000	\$0	\$0	\$0	\$0	\$0	\$50,000
SRTA		NB Terminal Repairs			\$80,000	\$20,000	\$0	\$0	\$0	\$0	\$0	\$100,000
SRTA		Transit Enhancements			\$38,656	\$9,664	\$0	\$0	\$0	\$0	\$0	\$48,320
SRTA		FR & DR Software upgrades			\$247,881	\$61,970	\$0	\$0	\$0	\$0	\$0	\$309,851
LRTA		Capital Spare Parts		Carryover FFY12	\$140,000	\$35,000	\$0	\$0	\$0	\$0	\$0	\$175,000
LRTA		Bus Shelters& Signs		Carryover FFY11	\$40,000	\$10,000	\$0	\$0	\$0	\$0	\$0	\$50,000
LRTA		Gallagher Terminal		Carryover FFY11	\$633,160	\$158,290	\$0	\$0	\$0	\$0	\$0	\$791,450
LRTA		Gallagher Terminal garage replacement			\$350,000				\$75,000			\$350,000

**STATE Transit Outlook**

**Project List (FY13)**

FTA Program	Region	Project Description	FTA Scope & Activity	Carryover or Earmark	Federal Funds	State Match Sources					RTA Funds	Total Cost
						RTACAP	MAP	ITCCAP	TDC	SCA		
	region	BOSTON- COMMONWEALTH AVE/KENMORE SQ. ROADWAY AND PEDESTRIAN IMPROVEMENTS	Earmark transferred from FHWA to FTA, was HPP 682	YES, 2011	\$ 2,708,000	\$0	\$0	\$0	\$0	\$0	\$ 677,000	\$ 3,385,000
	region	BEVERLY/SALEM INTERMODAL		YES, 2004	\$ 1,100,000	\$0	\$0	\$0	\$0	\$0		\$ 1,100,000
	region	FERRY - MBTA FERRY SYSTEM		YES, 2011	\$ 2,500,000	\$0	\$0	\$0	\$0	\$0	\$ 625,000	\$ 3,125,000
	region	FERRY - MBTA FERRY SYSTEM		YES, 2012	\$ 2,500,000	\$0	\$0	\$0	\$0	\$0	\$ 625,000	\$ 3,125,000
	WRTA	Intermodal Center - Union Station / WRTA Hub	11.34.01 / 12.34.02		\$1,551,000	\$387,750	\$0	\$0	\$0	\$0	\$0	\$1,938,750
	PVTA	Westfield ITC	11.31.03	Carryover FFY99	\$827,260	\$0	\$0	\$206,815	\$0	\$0	\$0	\$1,034,075
	PVTA	Holyoke ITC	11.42.07	Carryover FFY09	\$46,626	\$0	\$0	\$11,656	\$0	\$0	\$0	\$58,282
	PVTA	Holyoke ITC	11.92.02	Carryover FFY09	\$1,105	\$0	\$0	\$276	\$0	\$0	\$0	\$1,381
	PVTA	Holyoke ITC	11.92.08	Carryover FFY09	\$45,639	\$0	\$0	\$11,410	\$0	\$0	\$0	\$57,049
	PVTA	Interactive Passenger Information System	11.42.20	Carryover FFY10	\$745,689	\$0	\$0	\$0	\$149,138	\$0	\$0	\$745,689
	GATRA	Plymouth facility - design			\$300,000						\$75,000	\$375,000
	GATRA	So. Attleboro/Attleboro/Mansfield Improvements			\$750,000	\$0	\$0	\$1,500,000	\$0	\$0	\$164,462	\$2,414,462
	GATRA	Preventative Maintenance			\$100,000	\$0	\$0	\$0	\$0	\$25,000	\$0	\$125,000
<b>5309 Subtotal ▶</b>					<b>\$341,044,456</b>	<b>\$796,798</b>	<b>\$0</b>	<b>\$1,730,157</b>	<b>\$876,138</b>	<b>\$25,000</b>	<b>\$82,349,997</b>	<b>\$425,946,408</b>
<b>5310 ▶</b>		replacement vans			\$56,000	\$14,000	\$0	\$0	\$0	\$0	\$0	\$70,000
	BAT	Rockland service	formerly 5317		\$50,170	\$0	\$0	\$0	\$0	\$0	\$50,170	\$100,340
	VTA	remaining balance carried over from increase in federal dollar amount - JTC amendment (4/12)	formerly 5317		\$20,000	\$0	\$0	\$0	\$0	\$11,025	\$0	\$31,025
		Acton - LRTA Road Runner	formerly 5317		\$ 26,000	\$0	\$0	\$0	\$0	\$0	\$ 26,000	\$ 52,000
		Friendship Home - Wheels to Work	formerly 5317		\$ 25,500	\$0	\$0	\$0	\$0	\$0	\$ 25,500	\$ 51,000
		Greater Lynn Senior Services (GLSS) - Reaching Beyond Borders: GLSS Mobility Links Project	formerly 5317		\$ 169,764	\$0	\$0	\$0	\$0	\$0	\$ 169,764	\$ 339,528
	MBTA	Paratransit Customers Program	formerly 5317		\$ 115,429	\$0	\$0	\$0	\$0	\$0	\$ 28,857	\$ 144,286
	Boston/Northern Shore Career Center	North Shore Career Center (NSCC) - Mobility Management and Employment Express Service	formerly 5317		\$ 263,790	\$0	\$0	\$0	\$0	\$0	\$ 202,665	\$ 466,455

**STATE Transit Outlook  
Project List (FY13)**

FTA Program	Regional Transit	Project Description	FTA Scope & Activity	Carryover or Earmark	Federal Funds	State Match Sources					RTA Funds	Total Cost
						RTACAP	MAP	ITCCAP	TDC	SCA		
Non-Federal (RTACAP)	VTA	farebox upgrades				\$25,000	\$0	\$0	\$0	\$0	\$0	\$25,000
	VTA	parking lot repairs				\$20,000	\$0	\$0	\$0	\$0	\$0	\$20,000
	VTA	AVL/ITS & Additional Integration				\$120,000	\$0	\$0	\$0	\$0	\$0	\$120,000
	VTA	facility/building improvements & repairs computer; shop equipment; etc)				\$41,000	\$0	\$0	\$0	\$0	\$0	\$41,000
	NRTA	one 25' bus - rolling stock				\$191,000	\$0	\$0	\$0	\$0	\$0	\$191,000
	NRTA	miscellaneous capital				\$15,000	\$0	\$0	\$0	\$0	\$0	\$15,000
	LRTA	35' Mid-Life Overhaul (10) 2007 Gillig)			\$0	\$100,000	\$0	\$0	\$0	\$0	\$0	\$100,000
	FRTA	Radio Communications		N/A		\$35,000	\$0	\$0	\$0	\$0	\$0	\$35,000
	FRTA	Vehicle Replacement		N/A		\$71,000	\$0	\$0	\$0	\$0	\$0	\$71,000
	BRTA	100% RTACAP funded ITC DOOR REPLACEMENT (supplemental list)				\$69,809	\$0	\$0	\$0	\$0	\$0	\$69,809
MWRTA	equipment & facilities - call center study				\$50,000	\$0	\$0	\$0	\$0	\$0	\$50,000	
non-Federal (Other State & Locally Funded Projects)	PVTA	Westfield ITC	11.31.03			\$0	\$0	\$400,000	\$0	\$0	\$0	\$400,000
	FRTA	Greenfield ITC						\$86,500				\$86,500
non-Federal (Other State & Locally Funded Projects)						\$0	\$0	\$0	\$0	\$0	\$0	\$0
						\$0	\$0	\$0	\$0	\$0	\$0	\$0
						\$0	\$0	\$0	\$0	\$0	\$0	\$0
						\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>Subtotal Non-Federal Aid</b>						<b>\$737,809</b>	<b>\$0</b>	<b>\$486,500</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,224,309</b>

TOTAL FEDERAL AID											
5307	\$512,141,564	\$5,005,753	\$148,558	\$840,000	\$4,651,136	\$18,072,886	\$115,449,620	\$651,658,960			
5309	\$341,044,456	\$796,798	\$0	\$1,730,157	\$876,138	\$25,000	\$82,349,997	\$425,946,408			
5310	\$726,653	\$14,000	\$0	\$0	\$0	\$11,025	\$502,956	\$1,254,634			
5311	\$1,799,248	\$0	\$0	\$0	\$0	\$275,579	\$575,662	\$2,650,489			
Grants	\$50,999,245	\$0	\$0	\$0	\$4,679,849	\$0	\$6,900,000	\$57,899,245			
Other	\$9,804,600	\$125,000	\$0	\$0	\$1,123,250	\$0	\$0	\$9,929,600			
<b>Total All Federal Aid</b>	<b>\$916,515,766</b>	<b>\$5,941,551</b>	<b>\$148,558</b>	<b>\$2,570,157</b>	<b>#####</b>	<b>\$18,384,490</b>	<b>\$205,778,235</b>	<b>\$1,149,339,336</b>			
<b>TOTAL NON-FEDERAL AID</b>		<b>\$0.00</b>	<b>\$737,809</b>	<b>\$0</b>	<b>\$486,500</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,224,309</b>

A decorative graphic on the right side of the page. It features three overlapping circles of varying sizes, each composed of concentric rings in shades of blue. Two thin, light blue lines intersect at a point, forming a V-shape that frames the circles. The circles are positioned in the upper right and lower right areas of the page.

**List of Projects  
Advertised in FFY 2013**

## FFY 2013 Highway Funded Projects - Advertised

Project #	Description	Project Type	District	Tip Year	Advertising Date	Ad Cost	Total Federal Participating Cost
601154	PELHAM- RECONSTRUCTION OF AMHERST ROAD, FROM THE AMHERST T.L. TO 800 FEET EAST OF ENFIELD ROAD (1.7 MILES - PHASE I)	Hwy. Reconstr - Minor Widening	District 2	2013	05/11/2013 (adv.)	\$2,876,105.80	\$3,063,280.35
602037	WORCESTER- INTERSECTION & SIGNAL IMPROVEMENTS AT LINCOLN STREET, HIGHLAND STREET, PLEASANT STREET CORRIDOR (PHASE I)	Traffic Signals	District 3	2013	06/29/2013 (adv.)	\$2,737,306.00	\$3,177,719.20
602486	EASTHAMPTON- INTERSECTION IMPROVEMENTS @ POMEROY MEADOW ROAD, LOUDVILLE ROAD, GLENDALE STREET, WEST STREET (0.62 MILE)	Hwy Reconstr-No Added Capacity	District 2	2013	06/22/2013 (adv.)	\$3,110,812.50	\$3,057,244.40
603654	BOSTON- BRIDGE REPLACEMENT, B-16-163, MORTON STREET OVER THE MBTA & CSX RAILROAD	Bridge Replacement	District 6	2013	06/22/2013 (adv.)	\$9,298,539.50	\$10,415,690.67
604029	OAK BLUFFS- TISBURY- BRIDGE REPLACEMENT, O-01-001-T-04-001, BEACH ROAD OVER LAGOON POND DRAWBRIDGE	Bridge Replacement	District 5	2013	12/22/2012 (adv.)	\$38,277,479.14	\$43,869,693.51
604507	OXFORD- CULVERT REPLACEMENT, O-06-001, COMINS ROAD OVER FRENCH RIVER	Bridge Replacement	District 3	2013	06/22/2013 (adv.)	\$1,168,746.09	\$1,336,129.72
604642	BERKLEY- BRIDGE REPLACEMENT, B-08-003, PADEFORD STREET OVER STATE ROUTE 24	Bridge Replacement	District 5	2013	06/01/2013 (adv.)	\$6,131,559.05	\$6,744,446.42
604688	BELMONT- WATERTOWN- RECONSTRUCTION ON TRAPELO ROAD & BELMONT STREET	Hwy Reconstr-No Added Capacity	District 4	2013	06/01/2013 (adv.)	\$2,154,564.74	\$18,587,942.20
604825	PLAINFIELD- REHABILITATION OF ROUTE 116	Resurfacing	District 1	2013	11/03/2012 (adv.)	\$1,681,778.00	\$1,977,613.60
604879	WILMINGTON- WOBURN- INTERSTATE MAINTENANCE & RELATED WORK ON ROUTE I-93	Resurfacing	District 4	2013	05/25/2013 (adv.)	\$13,755,109.00	\$15,607,289.75
604907	DRACUT- RECONSTRUCTION OF ARLINGTON STREET, FROM BROADWAY ROAD (ROUTE 113) TO METHUEN STREET (APPROX. 7500 FT)	Hwy Reconstr-No Added Capacity	District 4	2013	07/06/2013 (adv.)	\$7,588,109.31	\$7,856,526.05
605065	AMHERST- HADLEY- NORTHAMPTON- NORWOTTUCK RAIL TRAIL IMPROVEMENTS, FROM DAMON ROAD TO STATIONS ROAD (8.5 MILES)	Bikeway/Bike Path Construction	District 2	2013	03/16/2013 (adv.)	\$2,978,218.18	\$3,540,939.68
605223	FALL RIVER- INTERCHANGE IMPROVEMENTS AT ROUTE I-195/ROUTE 79/ROUTE 138 INCLUDING BRAGA BRIDGE PHASE 2 CLEANING/PAINTING AND STRUCTURAL REPAIRS	Bridge Reconstruction/Rehab	District 5	2013	12/28/2012 (adv.)	\$248,740,827.00	\$281,524,767.00
605392	LANCASTER- INTERSECTION IMPROVEMENTS @ FIVE CORNERS: ROUTE 110 (BOLTON ROAD, HIGH STREET EXTENSION), CENTER BRIDGE ROAD, OLD COMMON ROAD	Traffic Signals	District 3	2013	06/29/2013 (adv.)	\$1,238,182.03	\$1,400,187.01
605596	FOXBOROUGH- INTERSTATE MAINTENANCE & RELATED WORK ON I-95	Resurfacing	District 5	2013	12/29/2012 (adv.)	\$8,339,937.25	\$9,360,901.64
605597	LYNNFIELD- WAKEFIELD- INTERSTATE MAINTENANCE & RELATED WORK ON I-95	Resurfacing	District 4	2013	12/22/2012 (adv.)	\$11,051,700.50	\$12,415,792.18
605602	WEYMOUTH- RESURFACING & RELATED WORK ON ROUTE 3	Resurfacing	District 6	2013	01/26/2013 (adv.)	\$2,749,972.50	\$3,290,439.00
605774	HOPKINTON- DECK REPLACEMENT, H-23-012, I-90 RAMP OVER I-495	Bridge Reconstruction/Rehab	District 3	2013	11/17/2012 (adv.)	\$4,549,243.00	\$5,246,971.60
606008	ATHOL- PETERSHAM- RESURFACING & RELATED WORK ON ROUTE 32, FROM 1 MILE NORTH OF ROUTE 101 TO ROUTE 2/ROUTE 32 BRIDGE	Resurfacing	District 2	2013	10/13/2012 (adv.)	\$2,406,271.00	\$2,842,265.20
606010	BERNARDSTON- RESURFACING & RELATED WORK ON ROUTE 10, FROM I-91 TO ROUTE 142	Resurfacing	District 2	2013	10/13/2012 (adv.)	\$1,604,849.00	\$1,894,038.80
606110	SUTTON- INTERSECTION IMPROVEMENTS @ ROUTE 146 & BOSTON ROAD	Hwy Reconstr - Major Widening	District 3	2013	04/13/2013 (adv.)	\$7,237,696.76	\$0.00
606126	MIDDLETON- RESURFACING & RELATED WORK ON ROUTE 114	Resurfacing	District 4	2013	02/23/2013 (adv.)	\$1,800,226.50	\$2,117,111.80
606235	QUINCY- ADAMS GREEN TRANSPORTATION IMPROVEMENTS	Hwy Reconstr-No Added Capacity	District 6	2013	06/29/2013 (adv.)	\$7,377,669.93	\$6,995,158.26
606286	BOURNE- SANDWICH- RESURFACING OF ROUTE 6 (MID-CAPE HIGHWAY), FROM SAGAMORE BRIDGE TO SANDWICH/BARNSTABLE T.L. INCLUDES 6 BRIDGES	Resurfacing	District 5	2013	12/29/2012 (adv.)	\$6,005,143.00	\$6,613,210.45
606375	NORTHAMPTON- PARK & RIDE CONSTRUCTION AT THE VA MEDICAL CENTER	New Construction	District 2	2013	01/26/2013 (adv.)	\$842,870.00	\$1,047,627.50
606493	NORTHBRIDGE- RECONSTRUCTION OF SUTTON STREET, FROM SUTTON T.L. TO ROUTE 122 (APPROX. 2.2 MILES)	Hwy Reconstr - Major Widening	District 3	2013	07/13/2013 (adv.)	\$8,265,540.60	\$7,835,166.03
606498	BRAINTREE- QUINCY- MILTON- BOSTON- HOV LANE BARRIER TRANSFER VEHICLE (BTV) OPERATOR & TOW TRUCK SERVICE CONTRACT	Intelligent Transportation Sys	District 6	2013	03/23/2013 (adv.)	\$1,666,500.00	\$1,999,800.00
606516	WAKEFIELD- SAFE ROUTES TO SCHOOLS (DOLBEARE SCHOOL)	Hwy Reconstr-No Added Capacity	District 4	2013	07/13/2013 (adv.)	\$435,635.00	\$529,974.00
606519	BROCKTON- SAFE ROUTES TO SCHOOL (BROOKFIELD ELEMENTARY SCHOOL)	New Construction	District 5	2013	06/08/2013 (adv.)	\$481,088.00	\$597,500.00
606521	BRAINTREE- SAFE ROUTES TO SCHOOL (ROSS ELEMENTARY SCHOOL)	Hwy Reconstr-No Added Capacity	District 6	2013	07/13/2013 (adv.)	\$613,775.00	\$725,390.75
606643	HOLYOKE- WEST SPRINGFIELD- IMPROVEMENTS & RELATED WORK ON I-91/ROUTE 5/I-90 CONNECTOR ROAD	Hwy. Reconstr - Minor Widening	District 2	2013	04/06/2013 (adv.)	\$1,234,277.50	\$1,430,489.00
606700	DISTRICT 5- ROUTINE MAINTENANCE & STRUCTURAL REPAIRS TO ROUTE 3 CORRIDOR BRIDGES	Structures Maintenance	District 5		05/04/2013 (adv.)	\$5,086,047.00	\$5,751,154.05
607111	CONCORD- BRIDGE PRESERVATION, C-19-014, OLD STOW ROAD OVER MBTA & B&M RR	Structures Maintenance	District 4	2013	05/18/2013 (adv.)	\$579,295.58	\$687,666.22



**FFY 2013 Highway Funded Projects - Advertised**

607179	FRANKLIN- INTERSTATE MAINTENANCE & RELATED WORK ON I-495	Resurfacing	District 3	2013	06/29/2013 (adv).	\$5,076,619.41	\$5,680,415.77
607219	WINCHENDON- RESURFACING & IMPROVEMENTS ON ROUTE 140, FROM THE GARDNER T.L. TO TEEL ROAD	Resurfacing	District 2	2013	03/16/2013 (adv).	\$1,252,800.00	\$1,474,378.00
607240	NANTUCKET- RESURFACING & RELATED WORK ON POLPIS ROAD, FROM RABBIT RUN ROAD TO 1,000 FEET NORTHEAST OF NORTH PASTURE LANE	Resurfacing	District 5	2013	04/13/2013 (adv).	\$281,515.00	\$347,501.75
607241	SANDSFIELD- BRIDGE MAINTENANCE, 5-03-030, ROUTE 8 (SOUTH MAIN STREET) OVER SILVERNAIL BROOK	Structures Maintenance	District 1		05/04/2013 (adv).	\$249,000.00	\$310,004.00
607243	WORCESTER- SAFE ROUTES TO SCHOOL (ELM PARK COMMUNITY SCHOOL)	Hwy Reconstr-No Added Capacity	District 3	2013	06/29/2013 (adv).	\$462,636.00	\$570,521.00
607384	STURBRIDGE- CLEAN & PAINT BRIDGES ALONG I-84 CORRIDOR	Structures Maintenance	District 3	2013	05/04/2013 (adv).	\$3,355,000.00	\$3,927,100.00

**FFY 2013 HIGHWAY-FUNDED PROJECTS - ADVERTISED**

MPO	City/Town	Description	PROJIS	Source	District	Advertised Date	Advertised Amount
<b>DISTRICTS</b>							
district 6	various	DISTRICT 6- BORING & GEOTECHNICAL TESTING & RELATED WORK AT VARIOUS LOCATIONS	607310	NFA	6	20-Oct-12	1,080,970
district 1	various	DISTRICT 1- GUARDRAIL REPAIRS AT VARIOUS LOCATIONS	605005	NFA MT	1	1-Dec-12	114,189
district 2	various	DISTRICT 2- TRAFFIC SIGNAL BETTERMENT AT VARIOUS LOCATIONS	607291	NFA MT	2	1-Dec-12	502,849
district 4	various	DISTRICT 4- HIGHWAY LIGHTING REPAIRS AT VARIOUS LOCATIONS	607247	NFA MT	4	1-Dec-12	974,609
district 1	various	DISTRICT 1- CRACK SEALING AT VARIOUS LOCATIONS	606631	NFA MT	1	8-Dec-12	229,241
district 1	various	DISTRICT 1- TRAFFIC MANAGEMENT AT VARIOUS LOCATIONS	606769	NFA MT	1	8-Dec-12	156,400
district 2	various	DISTRICT 2- BRIDGE DECK & JOINT REPAIRS AT VARIOUS LOCATIONS	607218	NFA MT	2	8-Dec-12	1,073,858
district 2	various	DISTRICT 2- INSTALLATION OF OVERHEAD & GROUND MOUNTED GUIDE SIGNS	607278	NFA MT	2	8-Dec-12	367,995
district 4	various	DISTRICT 4- SCHEDULED & EMERGENCY BRIDGE STRUCTURAL REPAIRS AT VARIOUS LOCATIONS	605961	NFA MT	4	8-Dec-12	4,801,500
district 6	Boston	BOSTON- YAWKEY WAY EXTENSION	606300	NFA Spec	6	15-Dec-12	4,914,291
district 1	various	DISTRICT 1- APPLICATION OF REFLECTORIZED PAVEMENT MARKINGS AT VARIOUS LOCATIONS	606771	NFA MT	1	15-Dec-12	399,770
district 2	various	DISTRICT 2- FACILITY REPAIR AT VARIOUS LOCATIONS	607280	NFA MT	2	15-Dec-12	575,000
district 2	various	DISTRICT 2- HIGHWAY LIGHTING REPAIRS AT VARIOUS LOCATIONS	607279	NFA MT	2	15-Dec-12	588,328
district 4	various	DISTRICT 4- DRAINAGE STRUCTURE RECONSTRUCTION AT VARIOUS LOCATIONS	607228	NFA MT	2	15-Dec-12	573,562
district 5	various	DISTRICT 5- SCHEDULED & EMERGENCY STRUCTURAL REPAIRS AT VARIOUS LOCATIONS	606905	NFA MT	5	15-Dec-12	3,435,905
district 1	various	DISTRICT 1- INSTALLATION OF REFLECTORIZED REFERENCE LOCATION SIGNS AT VARIOUS LOCATIONS	605403	NFA MT	1	12-Jan-13	179,680
district 2	various	DISTRICT 2- RECONSTRUCTION OF DRAINAGE STRUCTURES AT VARIOUS LOCATIONS	607276	NFA MT	2	12-Jan-13	740,159
district 4	various	DISTRICT 4- FACILITIES REPAIRS & IMPROVEMENTS	607225	NFA MT	4	12-Jan-13	460,852
district 1	various	DISTRICT 1- CATCH BASIN CLEANING AT VARIOUS LOCATIONS	606758	NFA MT	1	19-Jan-13	516,304
district 2	various	DISTRICT 2- CATCH BASIN CLEANING AT VARIOUS LOCATIONS	607274	NFA MT	2	19-Jan-13	735,655
district 5	various	DISTRICT 5- FABRICATION & INSTALLATION OF OVERHEAD AND GROUND MOUNTED GUIDE SIGNS AT VARIOUS LOCATIONS	607308	NFA MT	5	19-Jan-13	808,278
district 1	various	DISTRICT 1- SIDEWALK REPAIRS AT VARIOUS LOCATIONS	606398	NFA MT	1	26-Jan-13	294,784
district 2	various	DISTRICT 2- HIGHWAY CLEANING ON SECTIONS OF I-91 & I-291 (GREATER SPRINGFIELD AREA)	607277	NFA MT	2	26-Jan-13	89,424
district 6	Boston	BOSTON- SPECTACLE ISLAND LATENT DEFECT REPAIRS	607289	MHS	6	2-Feb-13	143,646
district 6	Boston /Chelsea	BOSTON TO CHELSEA- TOBIN BRIDGE TOLL PLAZA REPLACEMENT WITH ALL ELECTRONIC TOLLING (AET)	606661	NFA Tobin	6	2-Feb-13	1,929,691
district 1	various	DISTRICT 1- PAVEMENT MARKER INSTALLATION & REPAIR AT VARIOUS LOCATIONS	607320	NFA MT	1	2-Feb-13	828,416
district 2	various	DISTRICT 2- CONCRETE PAVEMENT REHABILITATION AT VARIOUS LOCATIONS	607282	NFA MT	2	2-Feb-13	506,000
district 4	various	DISTRICT 4- TRAFFIC SIGNAL BETTERMENT AT VARIOUS LOCATIONS	607248	NFA MT	4	2-Feb-13	1,101,656
district 6	various	DISTRICT 6- SCHEDULED & EMERGENCY CLEANING OF DRAINAGE STRUCTURES AT VARIOUS LOCATIONS (2013)	606967	NFA misc	6	2-Feb-13	586,657
district 1	various	DISTRICT 1- FABRICATION AND INSTALLATION OF OVERHEAD & GROUND MOUNTED GUIDE SIGNS	607352	NFA MT	1	9-Feb-13	143,587
district 2	various	DISTRICT 2- IMPACT ATTENUATOR REPAIR (CRASH CUSHIONS) AT VARIOUS LOCATIONS	607283	NFA MT	2	9-Feb-13	111,774
district 4	various	DISTRICT 4- SCHEDULED & EMERGENCY DRAWBRIDGE OPERATIONS, MAINTENANCE & REPAIRS AT VARIOUS LOCATIONS (NORTH EAST AREA)	607257	NFA MT	4	9-Feb-13	2,970,000
district 6	Boston etc	BOSTON TO CHELSEA- TOBIN BRIDGE TOLL PLAZA REPLACEMENT WITH ALL ELECTRONIC TOLLING (AET)	606661	NFA Tobin	6	9-Feb-13	2,585,291
district 1	various	DISTRICT 1- SCHEDULED & EMERGENCY BRIDGE DECK REPAIRS AT VARIOUS LOCATIONS	606767	NFA MT	1	16-Feb-13	1,925,000
district 4	various	DISTRICT 4- CLEANING DRAINAGE STRUCTURES & SYSTEMS AT VARIOUS LOCATIONS	607227	NFA MT	4	16-Feb-13	859,970
district 1	various	DISTRICT 1- SCHEDULED & EMERGENCY BRIDGE DECK JOINT REPAIRS AT VARIOUS LOCATIONS	606765	NFA MT	1	23-Feb-13	460,000
district 2	various	DISTRICT 2- TREE REMOVAL & SIGHT DISTANCE CLEARANCE AT VARIOUS LOCATIONS	607331	NFA MT	2	23-Feb-13	931,241
district 4	various	DISTRICT 4- SALT SHED REPAIR AT VARIOUS LOCATIONS	607287	NFA MT	4	23-Feb-13	657,742
district 6	various	DISTRICT 6- SCHEDULED & EMERGENCY STRUCTURAL & SUBSTRUCTURE REPAIRS AT VARIOUS LOCATIONS	606963	multiple	6	23-Feb-13	4,515,620
district 1	various	DISTRICT 1- ROADWAY REPAIRS AT VARIOUS LOCATIONS	606397	NFA MT	1	2-Feb-13	311,834
district 4	various	DISTRICT 4- SCHEDULED & EMERGENCY TRAFFIC CONTROL AT VARIOUS LOCATIONS	607315	NFA MT	4	2-Feb-13	410,694
district 5	various	DISTRICT 5- SCHEDULED & EMERGENCY FACILITY REPAIRS & UPGRADES AT VARIOUS LOCATIONS	607361	NFA MT	5	2-Feb-13	1,156,650
district 3	various	DISTRICT 3- CONCRETE COATING APPLICATION FOR BRIDGES AT VARIOUS LOCATIONS	607370	NFA MT	3	9-Mar-13	460,000
district 4	various	DISTRICT 4- BORINGS & GEOTECHNICAL TESTING & RELATED WORK AT VARIOUS LOCATIONS	607404	NFA & FA	4	9-Mar-13	834,560
district 5	various	DISTRICT 5- HIGHWAY SWEEPING AT VARIOUS LOCATIONS	607356	NFA MT	5	9-Mar-13	977,069
district 6	various	DISTRICT 6- MAINTENANCE OF MHS COMMUNICATIONS SYSTEMS AT VARIOUS LOCATIONS	606650	NHS & Tob	6	9-Mar-13	2,063,950
district 1	various	DISTRICT 1- BRIDGE STRUCTURAL REPAIRS AT VARIOUS LOCATIONS	607334	NFA MT	1	16-Mar-13	2,075,000
district 2	various	DISTRICT 2- VEGETATION MANAGEMENT AT VARIOUS LOCATIONS	607281	NFA MT	2	16-Mar-13	40,549
district 5	various	DISTRICT 5- EMERGENCY & SCHEDULED INSTALLATION OF BRIDGE SHIELDING	606907	NFA MT	5	16-Mar-13	1,507,396
district 6	various	DISTRICT 6- INSTALLATION & REFURBISHMENT OF CRASH CUSHION SYSTEMS AT VARIOUS LOCATIONS (2013)	606949	NFA MT	6	16-Mar-13	962,561
district 6	various	DISTRICT 6- RESURFACING & RELATED WORK AT VARIOUS LOCATIONS (HMA)	606976	NFA MT	6	16-Mar-13	6,050,511
district 3	various	DISTRICT 3- DRAINAGE SYSTEM REPAIRS & IMPROVEMENTS AT VARIOUS LOCATIONS	607367	NFA MT	3	23-Mar-13	1,101,051
district 3	various	DISTRICT 3- FABRICATION AND INSTALLATION OF OVERHEAD AND GROUND MOUNTED GUIDE SIGNS AT VARIOUS LOCATIONS	607368	NFA MT	3	23-Mar-13	323,783
district 4	various	DISTRICT 4- PAVEMENT PRESERVATION AT VARIOUS LOCATIONS	607229	NFA MT	4	23-Mar-13	862,029
district 5	various	DISTRICT 5- BRIDGE PAINTING AT VARIOUS LOCATIONS	605866	NFA MT	5	23-Mar-13	3,459,526
district 5	various	DISTRICT 5- HIGHWAY LIGHTING REPAIRS & UPGRADES VARIOUS LOCATIONS	607307	NFA MT	5	23-Mar-13	603,800
district 6	various	DISTRICT 6- ELECTRICAL SYSTEM UPGRADES AT VARIOUS LOCATIONS	606745	NFA MT	6	23-Mar-13	1,870,335
district 6	various	DISTRICT 6- ROADSIDE VEGETATION IMPROVEMENT AT VARIOUS LOCATIONS	607350	NFA MT	6	23-Mar-13	1,149,977

<b>BERKSHIRE</b>							
Berkshire	Alford	ASHFIELD- BRIDGE REPLACEMENTS, BR# A-13-004, ROUTE 116 OVER THE SOUTH RIVER & A-13-012, ROUTE 116 OVER THE SOUTH RIVER	602859	ABP-NFA	1	6-Oct-12	1,340,764
Berkshire							
Berkshire							
Berkshire							
Berkshire							
Berkshire							

<b>BOSTON REGION</b>							
Boston Region	Hopkinton	HOPKINTON- BRIDGE BETTERMENT, H-23-012, I-90 RAMP OVER I-495	605774	BR-	3	17-Nov-12	5,246,972
Boston Region	Lynnfield etc	LYNNFIELD- WAKEFIELD- INTERSTATE MAINTENANCE & RELATED WORK ON I-95	605597	NHP	4	22-Dec-12	12,415,792
Boston Region	Foxborough	FOXBOROUGH- INTERSTATE MAINTENANCE & RELATED WORK ON I-95	605596	NHP	5	29-Dec-12	9,360,902
Boston Region	Newton	NEWTON- REPLACEMENT OF ROADWAY LIGHTING STATION #4 ALONG THE I-90 BOSTON EXTENSION	606540	NFA MHS	4	26-Jan-13	103,479
Boston Region	weymouth	WEYMOUTH- RESURFACING & RELATED WORK ON ROUTE 3	605602	NHP	5	1/26/13	3,290,439
Boston Region	Middleton	MIDDLETON- RESURFACING & RELATED WORK ON ROUTE 114	606126	NHP	4	23-Feb-13	2,117,112

**FFY 2013 HIGHWAY-FUNDED PROJECTS - ADVERTISED**

MPO	City/Town	Description	PROJIS	Source	District	Advertised Date	Advertised Amount
Boston Region	Braintree etc	BRAINTREE- QUINCY- MILTON- BOSTON- HOV LANE BARRIER TRANSFER VEHICLE (BTV) OPERATOR & TOW	606498	STP	4	9-Mar-13	1,999,800
Boston Region	Lexington	LEXINGTON- BRIDGE REPLACEMENT, L-10-009, ROUTE 2 (EB & WB) OVER ROUTE I-95 (ROUTE 128)	600703	NHP	4	9-Mar-13	LOI
Boston Region	Braintree etc	BRAINTREE- QUINCY- MILTON- BOSTON- HOV LANE BARRIER TRANSFER VEHICLE (BTV) OPERATOR & TOW	606498	STP SWRB	4	23-Mar-13	1,999,800

<b>CAPE COD</b>							
Cape Cod	Bourne etc	BOURNE- SANDWICH- RESURFACING OF ROUTE 6 (MID-CAPE HIGHWAY), FROM SAGAMORE BRIDGE TO SANDWICH/BARNSTABLE T.L. INCLUDES 6 BRIDGES	606286	NHP	5	29-Dec-12	6,613,210

<b>CENTRAL MASS</b>							

<b>FRANKLIN</b>							
	Barnardston	BERNARDSTON- RESURFACING & RELATED WORK ON ROUTE 10, FROM I-91 TO ROUTE 142	606010	STP	2	13-Oct-12	1,894,039

<b>MARTHA'S VINEYARD</b>							
Martha's Vineyard	Oak Bluffs	OAK BLUFFS- TISBURY- BRIDGE REPLACEMENT, O-01-001=T-04-001, BEACH ROAD OVER LAGOON POND DRAWBRIDGE	604029	NHP	5	22-Dec-12	\$43,869,693

**FFY 2013 HIGHWAY-FUNDED PROJECTS - ADVERTISED**

FFY 2013 HIGHWAY-FUNDED PROJECTS - ADVERTISED			PROJIS	Source	District	Advertised Date	Advertised Amount
MPO	City/Town	Description					
<b>MERRIMACK VALLEY</b>							

<b>MONTACHUSETT</b>							
MPO	City/Town	Description	PROJIS	Source	District	Advertised Date	Advertised Amount
Montachusett	Athol etc	ATHOL- PETERSHAM- RESURFACING & RELATED WORK ON ROUTE 32, FROM 1 MILE NORTH OF ROUTE 101 TO ROUTE 2/ROUTE 32 BRIDGE	606008	STP	3	18-Oct-12	\$2,842,265
Montachusett	Winchendon	WINCHENDON- RESURFACING & IMPROVEMENTS ON ROUTE 140, FROM THE GARDNER T.L. TO TEEL ROAD	607219	STP-HSIP	3	16-Mar-13	\$1,474,378

**FFY 2013 HIGHWAY-FUNDED PROJECTS - ADVERTISED**

FFY 2013 HIGHWAY-FUNDED PROJECTS - ADVERTISED			PROJIS	Source	District	Advertised Date	Advertised Amount
MPO	City/Town	Description	PROJIS	Source	District	Advertised Date	Advertised Amount
<b>NORTHERN MIDDLESEX</b>							
<b>OLD COLONY</b>							
<b>PIONEER VALLEY</b>							
Pioneer Valley	Northampton	NORTHAMPTON- PARK & RIDE CONSTRUCTION AT THE VA MEDICAL CENTER	606375	CMAO	2	26-Jan-13	\$1,047,627
Pioneer Valley	Amherst etc	AMHERST- HADLEY- NORTHAMPTON- NORWOTTUCK RAIL TRAIL IMPROVEMENTS, FROM DAMON ROAD TO STATIONS ROAD (8.5 MILES)	605065	HP	2	16-Mar-13	\$3,540,940

<b>SOUTHEAST MASS</b>							
SE Mass	Freetown etc	FREETOWN- LAKEVILLE- TAUNTON- RESURFACING & RELATED WORK ON ROUTE 140	605171	STP	5	6-Oct-12	-\$191,749
SE Mass	Fall River	FALL RIVER- INTERCHANGE IMPROVEMENTS AT ROUTE I-195/ROUTE 79/ROUTE 138 INCLUDING BRAGA BRIDGE PHASE 2 CLEANING/PAINTING AND STRUCTURAL REPAIRS	605223	NHP	5	29-Dec-12	\$264,774,505
SE Mass	Berkley	BERKLEY- BRIDGE REPLACEMENT, B-08-003, PADELDFORD STREET OVER STATE ROUTE 24 (ABP GANS design/build - letters of interest stage (for informational purposes only)	604642	ABP GANS	5	19-Jan-13	

**PART C. 5. STATUS ON IMPLEMENTATION OF FFY 2013 TIP PROJECTS  
FFY 2013 HIGHWAY PROJECT LIST**

2013 Merrimack Valley MPO 2014-2017 Transportation Improvement Program Status of 2013 Highway Projects						
ID	Location	Project Description	Highway District	Funding Category	Total Estimated Cost	Project Status as of May 2013
600214	Hav.	HAVERTHILL- RECONSTRUCTION OF ROUTE 125 (SOUTH MAIN ST), FROM BOSTON ROAD TO BASILIERE BRIDGE & SALEM STREET, FROM SOUTH MAIN STREET TO PEABODY STREET	4	STP-AC	\$368,848	UNDER CONSTRUCTION
602469	Merrimac	MERRIMAC- RECONSTRUCTION OF ROUTE 110 (WEST MAIN STREET/EAST MAIN STREET), FROM 400 FEET WEST OF ORCHARD STREET TO BROAD STREET	4	STP	\$4,820,296	IN DESIGN
605181	Methuen	METHUEN- INTERCHANGE RECONSTRUCTION ON I-93 AT ROUTE 110/113 ROTARY, INCLUDING REMOVAL OF M-17-017 & M-17-018, REHAB OF M-17-007 & NEW BRIDGE CONSTRUCTION OF M-17-040	4	STP-AC HSIP CMAQ HFP (2005) IM SW CMAQ SW TE	\$260,795 \$442,956 \$885,911 \$329,258 \$1,000,000 \$17,700,000 \$188,500	IN DESIGN
600988	Grov./ Hav.	GROVELAND- HAVERTHILL- BRIDGE REPLACEMENT, G-15-001=H-12-012, ROUTE 97 & ROUTE 113 OVER THE MERRIMACK RIVER (BATES BRIDGE)	4	BR-ON-AC		PAID OFF IN 2012, REMOVED FROM 2013 PROGRAMMING
F&WS	Newbury	NEWBURY - REPAIR, RECONSTRUCTION & RESURFACING OF SUNSET DRIVE IN NEWBURY	4	HFP (2005) Other	\$224,975 \$350,025	COMPLETE

**PART C. 5. STATUS ON IMPLEMENTATION OF FFY 2013 TRANSIT TIP PROJECTS**

Merrimack Valley MPO													
May 2013 Status of 2013 Transit Projects													
FTA Program ▼	Regional Transit Authority ▼	Project Description ▼	Carryover or Earmark Details ▼	Federal Funds ▼	State Match Sources					RTA Funds ▼	Total Cost ▼	Project Status as of May 2013	
					RTACAP ▼	MAP ▼	ITCCAP ▼	TDC ▼	SCA ▼				
5307 ▶	MVRTA	Capital funding used for Preventive Maintenance and considered as an operating expense for FY 2014 (O)	Carryover, FY 2012 Funds Used	\$ 988,165	\$ -	\$ -	\$ -	\$ -	\$ 247,040		\$ 1,235,205	file application 7/1/2013	
	MVRTA	Capital funding used for operating ADA service and considered as an operating expense for FY 2014 (O)	Carryover Used	\$ 1,037,030	\$ -	\$ -	\$ -	\$ 259,260			\$ 1,296,290	file application 7/1/2013	
	MVRTA	Continue Short Range Planning MVPC UPWP FY 2014 (20% match from MVPC) (N)	Carryover Used	\$ 40,000	\$ -	\$ -	\$ -	\$ -	\$ 10,000	\$ 50,000		file application 7/1/2013	
	MVRTA	Purchase 1 new 45' Commuter Coach ©	Carryover Used	\$ 454,800	\$ 113,700	\$ -	\$ -	\$ -		\$ 568,500		delivery June 2013	
	MVRTA	Washington Sq. Haverhill Transit Station Relocation - Final Design (N)	Carryover Used	\$ 208,460	\$ 52,115	\$ -	\$ -	\$ -		\$ 260,575		still in preliminary design	
	MVRTA	MVPC Technical Support to MVRTA FY 2014 (20% match from MVPC) (N)	Carryover Used	\$ 40,000	\$ -	\$ -	\$ -	\$ -	\$ 10,000	\$ 50,000		file application 7/1/2013	
	MVRTA	Replace 4 Admin. Support Vehicles (M)	Carryover Used	\$ 160,735	\$ 40,185	\$ -	\$ -	\$ -		\$ 200,920		complete	

## STATUS OF PREVIOUS ANNUAL ELEMENT PROJECTS

ID Number	Community - Project Description	Award/Advert. Date/Notice To Proceed Date	Estimated Cost	Funding Category
604467	Harvard/Lancaster - Route 2 - Resurfacing & related work from Poor Farm Rd Bridge to Exit 34	9/8/08	\$6,334,128	NHS
604045	Westminster - Depot Road Bridge #W-28-019 over Round Meadow Brook	10/10/08	\$1,343,440	BR
604966	Fitchburg/Gardner/Lancaster/Leominster/Westminster - Route 2 - Sign replacement & upgrade	11/13/08	\$4,262,591	STP
604167	Townsend - Vinton Pond Road Bridge #T-07-011 over Pearl Hill Brook	12/31/08	\$706,181	BR
603794	Petersham - Route 32/122 Bridge #P-08-001 over East Branch of Swift River	1/15/09	\$1,968,089	NFA
603700	Westminster - Route 12 Bridge #A-28-007 over Phillips Brook	4/28/09	\$2,617,552	BR
601960	Hubbardston - Route 62 Reconstruction from Barre Town Line to Princeton Town Line	5/18/09	\$3,311,300	STP
604162	Gardner - Route 2 Bridge #G-01-035 & G-01-036 over Route 68	5/6/09	\$8,906,708	BR
604463	Ashburnham - Lake Road Bridge #A-11-016 over Watatic Lake Outlet	6/2/09	\$791,238	ARRA
601992	Leominster - Route 12/Willard Street - Signal & intersection improvements	6/23/09	\$851,716	STP
603492	Clinton - Water Street Bridge #C-16-002 over Nashua River	7/25/09	\$3,212,923	ARRA
604364	Fitchburg/Westminster - Route 2 - Resurfacing & related work from Exit 26 to Exit 28	8/7/09	\$6,364,805	ARRA
604220	Royalston - Route 32 - Resurfacing & rehabilitation from Elm Ave to N.H. State Line	11/27/09	\$3,473,902	STP & ARRA
604736	Fitchburg - Route 31/John Fitch Highway - Intersection Improvements	2/23/10	\$1,224,365	Sect 117 & TCSP
603495	Phillipston - Route 2 - Bridge Replacement, Br# P-09-004 Over Route 2A (State Road)	4/29/10	\$3,883,447	NFA - GANS
603645	Townsend - Wheeler Road - Replacement of Br# T-07-008 over Willard Brook	6/30/10	\$1,198,605	BR
605076	Phillipston - Highland Avenue - Bridge Betterment, Br# P-09-005 Over Route 202/ Route 2	6/7/10	\$1,563,697	STP
605579	Gardner - Route 140 - Resurfacing & Related Work from 1000 ft north of Rt 101 continuing 1.6 miles north to Stone St	2/11/10	\$1,794,959	ARRA
604634	Fitchburg - Ashby West Road - Bridge Replacement, Br# F-04-053 Over the Scott Reservoir Outlet	6/19/10	\$1,083,812	NFA - GANS
605841	Petersham - Route 32/122 - Resurfacing from Barre Town Line to 1 mile north of Route 101	6/26/10	\$2,431,478	STP
605391	Leominster - Intersection & Signal Improvements at Merriam Avenue and Lindell Avenue	11/19/11	\$693,627	STP
605773	Leominster - Superstructure Replacement, L-08-028, Hamilton Street over Route 2	3/24/12	\$6,040,337	BR-On
605216	Lancaster - Reconstruction on Route 70 (Lunenburg Road) at Old Union Turnpike	11/9/12	\$1,807,345	STP/HSIP
605104	Leominster - Bridge Reconstruction & Ramp Improvements, L-08-024, Route 12 over Route 2	3/11/13	\$8,203,110	BR-On
604175	Royalston - Bridge Replacement, R-12-004, Northeast Fitzwilliam Road over Lawrence Brook	3/19/13	\$1,176,401	BR-Off
604917	Templeton - Reconstruction of Baldwinville Road from Route 202/68 to Patriots Road	1/4/13	\$4,310,977	STP/TE
606008	Athol- Petersham- Resurfacing & Related Work On Route 32, From 1 Mile North Of Route 101 To Route 2	3/1/13	\$2,464,033	STP
607219	Winchendon - Resurfacing & Improvements on Route 140, from Gardner Town Line to Teel Road	3/16/13	\$1,252,800	HSIP
605392	Lancaster- Intersection Improvements @ Five Corners: Route 110 (Bolton Road, High Street Extension), Center Bridge Road, Old Common Road	3 <sup>rd</sup> Quarter FFY2013	\$1,083,996	CMAQ
603514	Leominster- Bridge Replacement, L-08-014, Whitney Street over the Monoosnoc Brook	4 <sup>th</sup> Quarter FFY2013	\$3,901,629	BR-On
604515	Royalston- Bridge Replacement, R-12-006, North Fitzwilliam Road over Lawrence Brook	4 <sup>th</sup> Quarter FFY2013	\$1,393,664	BR-Off
604492	Royalston- Bridge Replacement, R-12-006, North Fitzwilliam Road over Lawrence Brook	4 <sup>th</sup> Quarter FFY2013	\$562,106	BR-Off



## Status of 2013 Transit Projects

### Federal Funds

RTA	Section	Description	Federal Funds	Approval Status	Grant #	Comments
Montachusett	5307	Operating Assistance	\$1,222,516	obligated	MA 90-X647	Done- all funds expended
Montachusett	5307	N. Leominster Garage Construction	\$1,135,000	obligated	MA-90-X611/647	\$385,000 Fed outlay thru May
Montachusett	5307	Utility Pole Relocation	\$294,816	obligated	MA 90-X647	Done- all funds expended
Montachusett	5307	Equipment Purchase	\$49,552	obligated	MA 90-X647	Done- all funds expended
Montachusett	5307	Purchase Replacement Bus	\$312,000	obligated	MA-90-X611	Committed but not expended
Montachusett	5309	A&E N. Leominster Garage Carryover	\$712,800	obligated	MA 04-0010	Done- all funds expended
Montachusett	5309	N. Leominster Garage Construction	\$5,135,000	obligated	MA-04-0040	\$3,967,995 Fed outlay thru May
Montachusett	5310	MAP Vehicle Purchases	\$440,356	obligated		Awarded but not expended
Montachusett	5311	Operating Assistance Rural	\$36,202	obligated		Done – All Funds Expended
Montachusett	5309 SGR	Maintenance & ITC Bldg Improvements	\$980,000	obligated	MA-04-0061	\$724,482 Fed Outlay thru May
Montachusett	5309 TIGGER	Solar PV & Energy Conservation	\$1,518,750	obligated	MA-88-0001	\$624,458 Fed Outlay thru May
Montachusett	5309-SGR	Purchase Replacement Buses	\$1,500,000	obligated	MA-04-0072	Committed but not expended
Montachusett	5309 VTCLI	MOVET One-Call/One-Click Ctr	\$2,000,000	Unobligated	MA-04-0073	\$453,237 Fed Outlay thru May

**MASS DOT - HIGHWAY DIVISION  
PROJECTS ADVERTISED DURING FEDERAL FISCAL YEAR 2012 WITHIN SRPEDD**

<b>MANSFIELD</b>	<b>ROUTE 106 (EASTMAN STREET) IMPROVEMENTS</b>	<b>PROJECT ID:</b>	<b>605665</b>
<i>Funding Category:</i>	STP	Federal Funds:	\$ 2,022,569
<i>Date Advertised:</i>	3/24/12	State/Local Funds:	\$ 505,642
<i>Status:</i>	Under Construction	Total Funds:	\$ 2,528,211
<b>MANSFIELD</b>	<b>Rehabilitation on Several Bridges</b>	<b>PROJECT ID:</b>	<b>605821</b>
<i>Funding Category:</i>	BR	Federal Funds:	\$ 2,097,727
<i>Date Advertised:</i>	3/24/12	State/Local Funds:	\$ 524,432
<i>Status:</i>	Under Construction	Total Funds:	\$ 2,622,159
<b>NEW BEDFORD</b>	<b>FLAHERTY DRIVE EXTENSION</b>	<b>PROJECT ID:</b>	<b>605678</b>
<i>Funding Category:</i>	HPP	Federal Funds:	\$ 1,518,385
<i>Date Advertised:</i>	3/31/12	State/Local Funds:	\$ 379,596
<i>Status:</i>	Under Construction	Total Funds:	\$ 1,897,981
<b>FALL RIVER</b>	<b>PLYMOUTH AVE RECONSTRUCTION &amp; IMPROVEMENTS</b>	<b>PROJECT ID:</b>	<b>605069</b>
<i>Funding Category:</i>	STP / HSIP	Federal Funds:	\$ 6,626,974
<i>Date Advertised:</i>	5/26/12	State/Local Funds:	\$ 1,656,743
<i>Status:</i>	Under Construction	Total Funds:	\$ 8,283,717
<b>FAIRHAVEN</b>	<b>BRIDGE SUPERSTRUCTURE</b>	<b>PROJECT ID:</b>	<b>606139</b>
<i>Funding Category:</i>	ABP-NFA	Federal Funds:	\$ 3,990,177
<i>Date Advertised:</i>	6/9/12	State/Local Funds:	\$ 997,544
<i>Status:</i>	Under Construction	Total Funds:	\$ 4,987,721
<b>TAUNTON</b>	<b>RTE 44 RESURFACING &amp; RELATED WORK</b>	<b>PROJECT ID:</b>	<b>605167</b>
<i>Funding Category:</i>	STP	Federal Funds:	\$ 756,449
<i>Date Advertised:</i>	8/4/12	State/Local Funds:	\$ 189,112
<i>Status:</i>	Notice to Proceed 12/5/12	Total Funds:	\$ 945,561
<b>ATTLEBORO</b>	<b>I-295 NB RAMPTO I-95 NB IMPROVEMENTS</b>	<b>PROJECT ID:</b>	<b>606608</b>
<i>Funding Category:</i>	HSIP	Federal Funds:	\$ 567,351
<i>Date Advertised:</i>	8/18/12	State/Local Funds:	\$ 141,838
<i>Status:</i>	Notice to Proceed 12/13/12	Total Funds:	\$ 709,189
<b>MANSFIELD</b>	<b>I-495 MAINTENANCE MANSFIELD-NORTON</b>	<b>PROJECT ID:</b>	<b>605591</b>
<i>Funding Category:</i>	IM / STP	Federal Funds:	\$ 10,022,375
<i>Date Advertised:</i>	8/25/12	State/Local Funds:	\$ 2,505,594
<i>Status:</i>	Notice to Proceed 01/04/13	Total Funds:	\$ 12,527,969
<b>SEEKONK</b>	<b>I-195 &amp; RTE 24 SEEKONK-DARTMOUTH GUIDE &amp; TRAFFIC SIGN REPLACEMENT</b>	<b>PROJECT ID:</b>	<b>605444</b>
<i>Funding Category:</i>	HSIP	Federal Funds:	\$ 3,819,216
<i>Date Advertised:</i>	9/22/12	State/Local Funds:	\$ 954,804
<i>Status:</i>	Notice to Proceed 01/30/13	Total Funds:	\$ 4,774,020

## CMMPO Advertised Projects

<u>Fiscal Yr</u>	<u>Adv Date</u>	<u>Community</u>	<u>Subregion</u>	<u>Description</u>	<u>Adv Amount</u>	<u>Category</u>	<u>PROJIS #</u>
<b>2010</b>	6/5/10	Auburn	SW	I-290 & I-395	\$11,136,190	IM	605585
	7/10/10	Auburn	SW	Millbury St	\$1,208,510	STP	603191
	8/28/10	Auburn	SW	Route 20	\$3,033,600	STP	605580
	1/23/10	Douglas/Nbr/Sutton/Ux	SE	Rte 146 (SB)	\$9,980,780	ARRA	604474
	6/26/10	Douglas/Nbr/Sutton/Ux	SE	Rte 146 (NB)	\$9,371,670	STP	606035
	1/16/10	Hardwick	W	Route 32	\$2,264,320	ARRA	605710
	7/3/10	Millbury	SE	Route 122A bridge	\$215,441	Br	85500
	12/5/09	Oakham	N	Route 122 bridge	\$1,567,490	ARRA	605068
	6/26/10	Oxford	SW	Rte 12 / Cudworth Rd	\$758,120	STP	603356
	1/2/10	Southbridge	SW	Alpine Dr bridge	\$1,995,660	Br	603992
	9/11/10	Spencer	W	Brooks Pond Rd	\$49,450	Br	603006
	8/31/10	Sturbridge	SW	Grand Trunk Trail	\$41,440	Design	605674
	6/12/10	Sutton	SW	Main St bridge	\$1,411,400	Br	604252
	7/24/10	Uxbridge	SE	River Rd bridge	\$2,534,465	Br	604788
	9/18/10	W Brookfield	W	Long Hill Rd	\$3,648,878	Br	601796
	4/6/10	Worcester	C	Bikeway Qvillage McKeon Rd	\$160,000	Design	605780
	9/11/10	Worcester	C	Canal district streetscape	\$6,991,470	ARRA	605750
	9/11/10	Worcester	C	Belmont St E	\$6,269,600	HSIP/STP	601920
	9/11/10	Worcester	C	N Main St gateway	\$2,102,290	HPP	604473
	11/16/10	Worcester	C	Bike Path Tainter to Kilby	\$104,082	Design	604892
1/20/10	WRTA	C	Vehicles, ITS, Equip, Facility	\$1,241,857	ARRA trans		
<b>TOTAL</b>					<b>\$66,086,713</b>		
<b>2011</b>	7/16/2011	Barre	N	Route 122 bridge	\$2,127,332	Br	605084
	7/23/2011	Boylston	NE	Route 70 drainage improve	\$2,826,624	STP	606041
	8/6/2011	Dudley	SW	West Dudley Rd over Quinebau	\$4,393,165	Br	604032
	9/24/2011	E Brookfield	W	Shore Rd over Ebrook R	\$1,273,777	Br	603003
	3/12/2011	Holden/West Boylston	N	I-190 over Quinapoxet	\$1,167,391	Br	605772
	1/22/2011	Millbury	SE	Greenwood St bridge	\$1,291,360	Br	605691
	8/27/2011	Northborough	NE	Church/South/Hudson	\$3,937,597	CMAQ	604115
	7/2/2011	Northborough/Shrewsbury	NE	Route 20	\$2,638,506	STP	606151
	7/16/2011	Oxford	SW	I-395	\$10,356,822	IM	605759
	7/30/2011	Worcester	C	Qvillage Bikeway	\$1,388,398	STP	605780
	9/24/2011	Worcester	C	Rt 12 over Middle R	\$3,873,500	Br	604690
	9/3/2011	Worcester	C	Belmont St	\$5,290,047	STP	604955
	9/3/2011	Worcester	C	I-290	\$23,569,131	IM	604409
<b>TOTAL</b>					<b>\$64,133,650</b>		
<b>2012</b>	12/13/2011	Auburn	SW	Swanson Rd over I-290	\$2,948,872	Br	605561
	12/10/2011	Auburn & west	SW	I-90 resurfacing, to I-84	\$11,130,400	IM	606288
	9/15/2012	Auburn/Oxford	SW	Route 12/20 overlap	\$7,239,589	CMAQ/STP	604234
	12/10/2011	E Brookfield/Spem/Stur	W	Route 49 resurfacing	\$2,744,732	STP	606451
	12/10/2011	Northbridge	SE	Doug Rd over Mumford R	\$4,657,069	Br	604161
	12/3/2011	Shrewsbury/Worcester	NE/C	Lake Q bridge	\$144,613,752	Br	604729
	1/14/2012	Southbridge	SW	Rt 169 over P&W	\$2,779,726	Br	605338
	12/24/2011	Warren/W Brookfield	W	Route 67 resurfacing	\$2,270,249	STP	606487
<b>TOTAL</b>					<b>\$178,384,389</b>		
<b>2013</b>	4/13/2013	Sutton	SE	Rt 146 at Boston Rd	\$8,040,631	NFA	606110
	5/25/2013	Warren/Brim/Palmer	W	I-90 resurfacing & related	\$2,806,967	IM	606704
	5/24/2013	Sturbridge	SW	I-84 maintenance	\$4,003,000	IM	607384
<b>TOTAL</b>					<b>\$14,850,598</b>		

Town	Location	Description	FFY Year	Funding Source	Status	Comments
Conway	North Poland Road	Replace Bridge C-20-003 over Poland Brook	2011	ABP	Advertised 8/6/11	\$1,731,400
Whately	Route 116/5/10 intersestion	Construction of Park and Ride lot	2011	Statewide CMAQ	Advertised 9/10/11	\$1,528,609
Charlemont	Route 2	Replace Culvert over Oxbow Book and Wilder Brook C-05-016 & 017	2011	STP	Advertised 9/17/11	\$2,482,523
Deerfield	1-91	Rehab. Bridges D-06-044 & 045 (NB/SB) over Deerfield River (Stillwater Rd and Lower Rd)	2011	BR-AC	Advertised 9/17/11	\$48,857,667
Gill-Greenfield	Route 2	Replace Bridge G-04-003 = G-12-004 over Fall River	2011	BR	Advertised 9/17/11	\$8,487,425
Ashfield	Route 116	Retaining wall repairs at 2 locations along South River	2012	FA	Advertised 1/4/12	\$2,755,089
Gill, Montague	Avenue A	Bridge reconstruction (G-04-010 and M-28-31) over Connecticut River (multi-year)	2012	BR	Advertised 9/18/12	\$7,450,073
Buckland	Route 112	Bridge replacement (B-28-002) on Route 112 over Clarks Brook	2012	BR	Advertised 7/2/12	\$1,944,282
Charlemont	Route 2	Culvert replacement (C-05-025) on Route 2 over Hartwell Brook	2012	STP	Advertised 8/31/12	\$1,399,116
Deerfield	1-91	Bridge rehabilitation (D-06-044 and D-06-045) over the Deerfield River	2012		Advertised 9/18/12	\$24,809,494

**TABLE 4: FEDERAL TRANSIT FUNDING TOTALS BY FUNDING CATEGORY**  
(Does not include matching funds)

FEDERAL AID CATEGORY	FFY 14	FFY 15	FFY 16	FFY 17
Section 5307	\$4,614,562	\$11,415,399	\$2,926,126	\$2,906,126
Section 5309 – New Starts	0	0	0	\$50,000,000
Section 5310-Capital Assistance	\$375,768	0	0	0
Section 5311-Operating	\$7,773	0	0	0
Section 5337	0	0	0	0
Section 5339	\$127,428	\$258,691	0	0

**TABLE 5: Status of FFY 2013 Transit Projects**

FFY	RTA	DESCRIPTION	FUNDING CATEGORY	FEDERAL AMOUNT	TOTAL AMOUNT	ANTICIPATED IMPLEMENTATION
2013	LRTA	Transit facilities and services	2011 §5307 carryover	\$1,183,463	\$2,639,481	Ongoing
2013	LRTA	Preventive Maintenance	§5307	\$1,588,663	\$1,906,396	Ongoing
2013	LRTA	Planning Assistance	§5307	\$60,000	\$7,500	Ongoing
2013	LRTA	Bus and bus facilities/signs & shelters	2011 §5307 carryover	\$40,000	\$50,000	Ongoing
2013	LRTA	Bus and facilities/spare parts	2012 §5307 carryover	\$140,000	\$175,000	Ongoing
2013	LRTA	Mid Life Overhaul	Non Federal RTACAP	\$0	\$100,000	Complete
2013	LRTA	Bus and facilities (Gallagher Terminal)	2011 §5307 carryover	\$633,160	\$791,450	Ongoing
2013	LRTA	Rural assistance	§5311	\$7,773	\$15,546	Complete
2013	LRTA	5 lift and radio equipped vehicles	§5310	\$69,015	\$231,194	Ongoing
2013	LRTA	Tewksbury Saturday service	Boston UZA	\$25,572	\$51,444	Ongoing
2013	LRTA	Pheasant Lane Mall Saturday Service	Boston UZA	\$4,460	\$8,920	Ongoing

**FFY 2014-2017 OLD COLONY TRANSPORTATION IMPROVEMENT PROGRAM (TIP)**

**11. Annual Listing of Obligated Projects (FFY 2013 Advertisements)**

COMMUNITY	ID	ADVERTISED	DESCRIPTION	TOTAL COST	FEDERAL	STATE
BROCKTON	603675	*	BROCKTON- DOWNTOWN ROADWAY AND STREETScape IMPROVEMENTS (PHASE I)	\$1,971,608	\$ 1,577,286	\$ 394,322
BROCKTON	606519	*	BROCKTON- SAFE ROUTES TO SCHOOL (BROOKFIELD ELEMENTARY SCHOOL)	\$597,500	\$ 537,750	\$ 59,750
PLYMOUTH	600426	*	PLYMOUTH- RECONSTRUCTION OF ROUTE 44 (SAMOSET STREET) FROM ROUTE 3 (NB RAMP) EASTERLY TO WATER STREET	\$4,901,470	\$ 4,411,323	\$ 490,147
WEST BRIDGEWATER	603457	*	WEST BRIDGEWATER- INTERSECTION IMPROVEMENTS AT ROUTE 106 & ROUTE 28 (CENTRAL SQUARE)	\$3,375,180	\$ 2,700,144	\$ 675,036
			<b>Total Cost of Projects Advertised:</b>	<b>\$ 10,845,758</b>	<b>\$ 9,226,503</b>	<b>\$ 1,619,255</b>

\* Projects anticipated to be advertised by October 1, 2013

- ✓ As of the endorsement of the FFY 2014-2017 TIP on July 2, 2013, all of the projects programmed in FFY 2013 of the FFY 2013-2016 TIP were either advertised for construction bids, or anticipated to be advertised by October 1, 2013.

**FFY 2014-2017 OLD COLONY TRANSPORTATION IMPROVEMENT PROGRAM (TIP)**

**14. FFY 2013 TIP Transit Project Status**

**Transit**

Federal				Approval		
RTA	Section	Description	Federal Funds	Status	Grant #	Comments
BAT	5307	Fare Collection Equip. Support Equip., Service Vehicle,	\$960,000	Approved	MA-90-X555	\$139,851 remaining
BAT	5307	Capital Parts, Intermodal Paving and support equipment	\$396,168	Approved	MA-90-X502	\$34,897 remaining
BAT	5307	AVL/ GPS, VOH, Support Equipment and Parts	\$1,165,000	Approved	MA-90-X654	\$523,428 remaining
BAT	5307	3 Hybrid Buses and 2 Transit Coaches	\$2,600,000	Approved	MA-95-X015	\$2,600,000 remaining
BAT	5309	Maintenance and ITC Paving	\$675,000	Approved	MA-04-0075	\$126,060 remaining
State				Approval		
RTA	Section	Description	State Funds	Status	Grant #	Comments
BAT	MAP	Mobility Assistance	\$447,020	Pending	See State	

## Appendix E Status of Federal Fiscal Year 2013 Transit Projects

This chapter of the Transportation Improvement Program (TIP) lists information about the status of transit projects on the fiscal year 2013 element of the fiscal years 2013–2017 TIP.

*Funds Programmed:* Total funds programmed in the fiscal year 2013 element of the fiscal years 2013–2017 TIP

*Pending:* Application being prepared to be submitted to FTA

*Completed:* Application submitted to FTA

*Approved:* Funds executed

Section 5307		Detail	Funds Programmed	Pending	Completed	Approved
Mode	Type					
Systemwide	Preventive Maintenance	FY13 Preventive Maintenance	\$ 12,000,000		\$ 12,000,000	
Red Line	Signals	Red Line Signal Upgrade (00)	\$ 8,000,000	\$ 8,000,000		
Red/Blue Lines	Stations	Government Center (LRAP)	\$ 53,492,698	\$ 53,492,698		
Red/Orange Lines	Stations	State Street	\$ 17,197,512	\$ 17,197,512		
Red Line	Tunnels	Red Line Leak Repairs	\$ 20,317,216	\$ 20,317,216		
Systemwide	Bridge & Tunnels	Bridge & Tunnel Program	\$ 16,000,000	\$ 16,000,000		
Systemwide	Systems Upgrades	Systems Upgrades 5307	\$ 6,198,310	\$ 6,198,310		
<b>Section 5307 MBTA Total</b>			<b>\$133,205,736</b>	<b>\$121,205,736</b>	<b>\$12,000,000</b>	<b>\$0</b>

Section 5337		Detail	Programmed Funds	Pending	Completed	Approved
Mode	Type					
Green Line	Revenue Vehicles	Green Line #8 Upgrades	\$9,400,000	\$9,400,000		
Red Line	Track and Right-of-Way	Red Line Floating Slab (00)	\$7,599,443	\$7,599,443		
Red Line	Parking Facilities	Parking System Improvements	\$8,500,000	\$8,500,000		
Stations	Stations	Stations & Facilities	\$42,274,867	\$42,274,867		
Systemwide	Bridge & Tunnels	Bridge & Tunnel Program	\$48,000,000	\$48,000,000		
Systemwide	Automated Fare Collection	AFC Upgrades/Relational Database/Operational System	\$3,760,000	\$3,760,000		
<b>Section 5337 MBTA Total</b>			<b>\$119,534,310</b>	<b>\$119,534,310</b>	<b>\$0</b>	<b>\$0</b>



# D Appendix

## FFY 2013 Highway Projects Status

This appendix lists information about the status of roadway projects in the federal fiscal year 2013 element of the FFYs 2013–16 TIP.

**TABLE D-1**  
**Advanced Construction Projects**

Project Number	Project Description	District	Funding Source(s)
602984	Concord- Lincoln- Limited Access Highway Improvements at Route 2 & 2A, between Crosby's Corner & Bedford Road, includes C-19-024	4	HSIP

**TABLE D-2**  
**Projects Advertised in FFY 2013**

Project Number	Project Description	District	Funding Source(s)
606498	Braintree- Quincy- Milton- Boston- HOV Lane Barrier Transfer Vehicle (BTV) Operator Contract	6	STP-Flex
605596	Foxborough- Interstate Maintenance & Related Work On I-95	5	IM
605774	Hopkinton- Bridge Betterment, H-23-012, I-90 Ramp Over I-495	3	BR-On
605597	Lynnfield- Wakefield- Interstate Maintenance & Related Work On I-95	4	IM
606126	Middleton- Resurfacing & Related Work On Route 114	4	NHS
605602	Weymouth- Resurfacing & Related Work On Route 3	6	NHS

**TABLE D-3 (CONT.)**  
**Projects Expected to be Advertised in FFY 2013**

Project Number	Project Description	District	Funding Source(s)
606235	Quincy- Adams Green Transportation Improvements	6	HPP (2005)
607209	Somerville- Reconstruction Of Beacon Street, From Oxford Street To Cambridge C.L.	4	STP-Flex
606516	Wakefield- Safe Routes To Schools (Dolbeare School)	4	SRTS
604879	Wilmington- Woburn- Interstate Maintenance & Related Work On Route I-93	4	IM
603654	Boston- Bridge Replacement, B-16-163, Morton Street over the MBTA & CSX Railroad	6	ABP-GANS

**TABLE D-4**  
**Projects That Will Be Advertised in a Future TIP Element**

Project Number	Project Description	District	Funding Source(s)
606885	Arlington- Bikeway Connection At Intersection Route 3 And Route 60	4	CMAQ
606432	Burlington- Woburn- Reading- Expansion Of Fiber, CCTV, VMS & Traffic Sensor Network On I-95	4	CMAQ
601630	Weymouth- Abington- Reconstruction & Widening On Route 18 (Main Street) From Highland Place To Route 139 (4.0 Miles) Includes Rehab Of W-32-013, Route 18 Over The Old Colony Railroad (MBTA)	6	STP-AC

**TABLE D-5**  
**Projects That Were Removed From the TIP**

Project Number	Project Description	District	Funding Source(s)
607110	Bedford- Bridge Preservation, Sr 4 (Great Road) Over The Shawsheen River	4	BR-Off

**STATUS OF PREVIOUS ANNUAL ELEMENT PROJECTS**

**Highways**

A listing of the Highway Funded Projects from the previous TIP that have been advertised and those that have yet to be advertised can be found on the following tables.

**FHWA Projects Advertised from 10/1/12 to 5/15/13 in the BRPC Region**

Locale	Description	Adv. Amt.	ID No.	Fund
Becket	Resurfacing & Related Work on Route 20 - from MM 25.73 (Route 8 south) to MM 30.94 (Route 8 north) <i>Status: under construction</i>	\$3,109,644	605616	Surface Transportation Program (Re-Distribution funds)

**FHWA Funded Projects yet to be advertised**

Locale	Description	Current TIP Estimate*	ID No.	Fund
Great Barrington	Reconstruction of Main Street (Route 7)	\$5,155,000	602182	Surface Transportation Program, Transportation Enhancements, Highway Safety Improvement Program, Congestion Mitigation Air Quality
Lee	Reconstruction of Tyringham Rd.	\$5,900,000	601320	Surface Transportation Program
Pittsfield	Infrastructure Improvements at Conte Community School	\$546,000	606908	Safe Routes to School
Sandisfield	Bridge Replacement - S-03-005, Clark Road over W. Branch of the Farmington River	\$1,733,037	607112	Federal Aid Bridge (Off System)
Sandisfield	Bridge Maintenance - S-03-030, Route 8 (S. Main St.) over Silvernail Brook	\$310,000	607241	Federal Aid Bridge (Systematic Maintenance)
Sheffield	Bridge Replacement - S-10-023, Route 7A (Ashley Falls Rd.) over the Housatonic Railroad	\$3,011,400	604516	Federal Aid Bridge (On System)

\* Includes State/ Local match.

Table 15: Project Implementation

Year	Highway Project Description	Municipality	SID	Funding	Programmed	Status
2012	Improvements to Allen Street and Bicentennial Highway (\$2,400,000)	Springfield	604821	STP	\$3,189,211	Under Construction
2012	Route 116 (Notch) Reconstruction \$4,006,890	Amherst	82250	STP	\$3,302,908	Under Construction
2012	Route 116 (Notch) Reconstruction \$4,006,890	Amherst	82250	STP-E	\$528,000	Under Construction
2012	Route 159 (Main Street) Reconstruction (\$4,239,802)	Agawam	602653	STP	\$2,350,830	Under Construction
2012	Route 159 (Main Street) Reconstruction (\$4,239,802)	Agawam	602653	STP-E	\$606,000	Under Construction
2012	Main @ Maple and Jabish Intersection Improvements	Belchertown	605556	CMAQ	\$1,004,769	Under Construction
2012	Route 202 Resurfacing Douglas Street to Route 33	South Hadley	606471	STP	\$1,000,000	Under Construction
2012	Route 159 (Main Street) Reconstruction (\$4,152,422)	Agawam	602653	HSIP	\$1,080,992	Under Construction
2012	Route 116 (Notch) Reconstruction \$4,006,890	Amherst	82250	TE	\$175,982	Under Construction
2012	Route 159 (Main Street) Reconstruction (\$4,239,802)	Agawam	602653	TE	\$201,980	Under Construction
2012	Bridge Rehabilitation Route 116 Chicopee/Cabot St. over Conn. River and PVR	Chicopee/Holyoke	82611	A/C Bridge	\$8,000,000	Under Construction
2012	Bridge Replacement Kennedy Rd over Roberts Meadow Brook	Northampton	604242	BR	\$1,094,187	Under Construction
2012	Bridge Rehab, Pelham Rd over Fort River	Amherst	604023	BR	\$1,247,190	Under Construction
2012	*Spring, Elliot, and Edwards St Intersection Improvement (\$1,228,668)	Springfield (MA259)	605817	Sec.125	\$700,000	Under Construction
2012	*Spring, Elliot, and Edwards St Intersection Improvement (\$1,228,668)	Springfield (MA240)	605817	Sec.129	\$735,000	Under Construction
2012	Replacement of Northampton Street bridge over the Manhan River	Easthampton	604048	IBRD	\$300,000	Under Construction
2012	FY 2002-TCSP (008), West Springfield, Pioneer Valley Planning Commission	Region		TCSP	\$207,459	Implementation
2012	PVPC FFY2011 Access and Interpretation	CT River Scenic Byway		NSBG	\$203,364	Pending
2012	PVPC FFY2011 Blanche Barlow Acres/Goose Pond Recreational Access	JLT Scenic Byway		NSBG	\$170,100	Pending
2012	PVPC FFY 2010 Trails Linkages project for Route 112 and JLT	RT112/JLT Scenic Byway		NSBG	\$68,375	Pending
2012	I-91 Interstate Pavement rehabilitation	West Springfield/Holyoke	605594	IM	\$16,452,094	Under Construction
2012	Traffic Sign Replacement on I-91 District 2	Longmeadow - Northampton	605442	HSIP	\$700,000	Under Construction
2012	Interstate Maintenance and Related work on I-91	Holyoke/West Springfield	605594	IM	\$16,452,096	Under Construction
2013	WESTFIELD- RECONSTRUCTION OF ROUTE 187 (FEEDING HILLS ROAD) EASTHAMPTON- INTERSECTION IMPROVEMENTS @ POMEROY MEADOW ROAD, LOUDVILLE ROAD, GLENDALE STREET, WEST STREET	Westfield	604442	STP	\$4,796,145	Not Advertised
2013	PLAINFIELD- REHABILITATION OF ROUTE 116	Easthampton	602486	STP	\$2,739,871	Not Advertised
2013	PELHAM- RECONSTRUCTION OF AMHERST ROAD, FROM THE AMHERST T.L TO 800 FEET EAST OF ENFIELD ROAD (1.7 MILES) - PHASE 1	Plainfield	604825	STP	\$1,478,066	Under Construction
2013	WEST SPRINGFIELD- IMPROVEMENTS & RELATED WORK ON I-91/ROUTE 51-90 CONNECTOR ROAD	Pelham	601154	STP	\$3,249,274	Letting 7/2/13
2013	CHICOPEE- CHICOPEE RIVER RIVERWALK MULT-USE PATH CONSTRUCTION, FROM GRAPE STREET TO FRONT STREET (NEAR ELLERTON STREET) - Design	West Springfield	606643	STP	\$166,958	Letting 6/11/13
2013	HOLYOKE- SIGNAL & INTERSECTION IMPROVEMENTS AT HOMESTEAD AVENUE & LOWER WESTFIELD ROAD (2,006,325)	Chicopee	602912	STP	\$129,316	Design Only
2013	WEST SPRINGFIELD- IMPROVEMENTS & RELATED WORK ON I-91/ROUTE 51-NORTHAMPTON- PARK & RIDE CONSTRUCTION AT THE VA MEDICAL CENTER	Holyoke	606045	CMAQ	\$644,341	P, S, & E Not Advertised
2013	HOLYOKE- SIGNAL & INTERSECTION IMPROVEMENTS AT HOMESTEAD AVENUE & LOWER WESTFIELD ROAD (2,006,325)	West Springfield	606643	HSIP	\$1,080,992	Letting 6/11/13
2013		Northampton	606375	CMAQ	\$800,000	Awarded 4/17/2013
2013		Holyoke	606045	CMAQ	\$2,006,325	P, S, & E Not Advertised

14 calendar days in advance. Once a draft TIP is agreed upon by the JTC, it is subject to a 30-day public comment period. The JTC considers any public comments received before deciding to modify the draft TIP or endorse it unchanged, and forward it to the MPO for signature.

**Modification to the TIP**

If a project cannot be funded in the programmed year, then another listed project may be substituted provided that:

1. A 30-day notification of the proposed change is made,
2. A public meeting concerning the proposed change is held,
3. The TIP remains financially constrained and
4. The project may be amended into the TIP if it is recommended in the financially constrained section of the RTP, and,
5. The Commonwealth’s Office of Transportation Planning department is notified of the substitution.

The addition or deletion of projects to and from the TIP are amendments, but administrative modifications can be made to the TIP for actions including changing a project’s description, cost estimate, or scope, as long as the changes are minor in nature. Not all changes to the TIP must include a public review and comment period. Administrative modifications are routinely conducted by the decision-making body with no public review process.

**2013 Obligated Funds for Martha’s Vineyard MPO**

As required, the annual list of TIP federal funding obligated for the region in 2013:

Project Number	Town	Description	Federal Amt.	State Amt.	Total Amt.
604813	Oak Bluffs	Intersection Improvements at Edgartown-Vineyard Haven Road and Barnes Road (Roundabout)	\$305,098	\$76,275	\$381,373
100% Funded through 2013. Construction Cost (TFPCC) = \$1,270,863					
604029	Oak Bluffs & Tisbury	Bridge # O-01-001 / T-04-001 Beach Rd. over Lagoon Pond BR replacement.	\$10,207,328	\$2,551,832	\$12,759,160

2013 obligated amount is Year 1 of 3 Advance Construction; the total estimated cost is \$38,277,479. The remaining Bridge Replacement funds are programmed in this TIP: \$13,269,526 in 2014 (Year 2), and \$12,248,793 in 2015 (Year 3).



**Part IV**  
**AIR QUALITY**  
**CONFORMITY ANALYSIS**

*July 2013*

## **AIR QUALITY CONFORMITY STATUS**

Since most all of Massachusetts (with limited exceptions) was designated on 5/21/12 by the United States Environmental Protection Agency as "unclassifiable/attainment" for the latest ozone standard, a conformity determination for the 2014-17 Massachusetts State Transportation Improvement Program is not required. Further details and background information are as follows:

The entire Commonwealth of Massachusetts was previously classified as nonattainment for ozone, and was divided into two nonattainment areas. The Eastern Massachusetts Ozone Nonattainment Area included Barnstable, Bristol, Dukes, Essex, Middlesex, Nantucket, Norfolk, Suffolk, and Worcester counties. Berkshire, Franklin, Hampden, and Hampshire counties comprised 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.

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). Periodically, air quality analyses are conducted on all the RTPs, the purposes of which are to evaluate the RTPs' air quality impacts on the SIP. Conformity determinations are then performed to ensure that all regionally significant projects are included in the RTPs and the TIPs, and that they meet the air quality goals of the SIP. The Federal Highway Administration (FHWA) – in consultation with the Environmental Protection Agency (EPA New England) and the Massachusetts Department of Environmental Protection (DEP) – confirm and approve these conformity determinations (more details and background of major conformity milestones in recent years are provided in the each MPO's 2012 Regional Transportation Plan).

In 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 1970 Clean Air Act defined a one-hour national ambient air quality standard (NAAQS) for ground-level ozone. The 1990 CAAA further classified degrees of nonattainment of the one-hour standard based on the severity of the monitored levels of the pollutant. The entire commonwealth of Massachusetts was classified as being in serious nonattainment for the one-hour ozone standard, with a required attainment date of 1999. The attainment date was later extended, first to 2003 and a second time to 2007.

In 1997, the EPA proposed a new, eight-hour ozone standard that replaced the one-hour standard, effective June 15, 2005. Scientific information had shown that ozone could affect human health at lower levels, and over longer exposure times than one hour. The new standard was challenged in court, and after a lengthy legal battle, the courts upheld it. It was finalized in June 2004. The eight-hour standard is 0.08 parts per million, averaged over eight hours and not to be exceeded more than once per year. Nonattainment areas were again further classified based on the severity of the eight-hour values. Massachusetts as a whole was classified as being in moderate nonattainment for the eight-hour standard, and was separated into two nonattainment areas—Eastern Massachusetts and Western Massachusetts.

In March 2008, EPA published revisions to the eight-hour ozone NAAQS establishing a level of 0.075 ppm, (March 27, 2008; 73 FR 16483). In 2009, EPA announced it would reconsider this standard because it fell outside of the range recommended by the Clean Air Scientific Advisory Committee. However, EPA did not take final action on the reconsideration so the standard would remain at 0.075 ppm.

After reviewing data from Massachusetts monitoring stations, EPA sent a letter on December 16, 2011 proposing that only Dukes County would be designated as nonattainment for the new proposed 0.075 ozone standard. Massachusetts concurred with these findings.

On May 21, 2012, (77 FR 30088), the final rule was published in the Federal Register, defining the 2008 NAAQS at 0.075 ppm, the standard that was promulgated in March 2008. A second rule published on May 21, 2012 (77 FR 30160), revoked the 1997 ozone NAAQS to occur one year after the July 20, 2012 effective date of the 2008 NAAQS.

Also on May 21, 2012, the air quality designations areas for the 2008 NAAQS were published in the Federal Register. In this Federal Register, the only area in Massachusetts that was designated as nonattainment is Dukes County. All other Massachusetts counties were classified as unclassifiable/attainment.

Therefore, conformity for ozone in the each of the Massachusetts MPOs was required until July 20, 2013 for only the 1997 ozone standard. This 2014-17 STIP (as a product of all the MPO TIPs) has not completed its collective development, review, and approval by the Federal Highway Administration until after July 20, 2013 – after this standard has been revoked. As for Martha's Vineyard (Dukes County), the only Massachusetts region which remained an ozone non-attainment area under the 2008 NAAQS, it is also classified as an "isolated rural area" and as such, for transportation improvement programs composed entirely of exempt projects (40 CFR 93.126), an air quality conformity analysis and determination is also not required.

Martha's Vineyard / Dukes County has historically programmed – and continues to program – in its TIP only "Exempt" transportation projects as defined in 40 CFR 93.126, so their current FFY 2014-17 Transportation Improvement Program does not require an air quality conformity analysis or determination for the 2008 NAAQS. Nevertheless, the entire list of current projects was reviewed as part of the interagency conformity consultation process, with the interagency group last meeting on June 13, 2013, and reaching a consensus that potential adverse emissions impacts were not associated with any of the subject projects.

For these reasons – an "unclassifiable/attainment" designation for most of Massachusetts currently, plus the fact that the Martha's Vineyard region has only programmed "exempt" transportation projects, the Commonwealth does not need to perform a conformity analysis or determination for ozone on the current state transportation improvement program.

All the regional TIPs were derived from regional transportation plans that met conformity requirements, and this STIP has been prepared in accordance with EPA's and Massachusetts' current conformity regulations. This FFY 2014-2017 Statewide TIP – as a product of all the regional TIPs – has been prepared following all the guidelines and requirements of these rules during this time period.





**Part V**  
**Public Outreach**

*July 2013*

**PUBLIC PARTICIPATION PROCESS**

Federal Legislation emphasizes the need to provide citizens with an opportunity to comment on proposed regional and State TIPs. The Commonwealth's STIP process is an adjunct to the regions' specific outreach processes, but also follows the Commonwealth's commitment to transparency and civic engagement in government.

MassDOT encourages its constituents to stay informed on all its activities, including but not limited to the STIP, through the use of various social media tools including Twitter ([www.twitter.com/massdot](http://www.twitter.com/massdot)); YouTube ([www.youtube.com/youmovemass.com](http://www.youtube.com/youmovemass.com)); the Commonwealth's transportation blog ([www.transportation.blog.state.ma.us](http://www.transportation.blog.state.ma.us)); Flickr ([www.flickr.com/photos](http://www.flickr.com/photos)); and RSS feeds.

Since the STIP is a compilation of all projects - both state and regional - the public outreach program in each region includes the STIP by reference. The Commonwealth requests that all RPAs and RTAs place the notice of the STIP's availability on their respective web sites, newsletters, and other public communications. Additionally, the Commonwealth places notice of the availability of the draft State TIP in local papers.

For the 2014-2017 STIP, the formal public comment period extends from July 31, 2013 through August 30, 2013. The comments received can be viewed in Appendix I of this document. Individual regions will make hard copies of the draft project listings in the STIP available for public comment and review during their regular business hours during this period. The STIP will also be posted online at each MPO website and at <http://www.massdot.state.ma.us/planning/Main/StatewidePlans/StateTransportationImprovementProgram.aspx>

Legal notices, announcing the availability of the document on the Commonwealth's web site, were faxed to the following newspapers: *Cape Cod Times*, the *Martha's Vineyard Times*, the *Nantucket Inquirer and Mirror*, the *Fitchburg Sentinel and Enterprise*, the *Worcester Telegram and Gazette*, the *Lowell Sun*, the *Lawrence Eagle-Tribune*, the *Brockton Enterprise*, the *New Bedford Standard Times*, the *Boston Globe*, the *Berkshire Eagle*, the *Greenfield Recorder*, and the *Springfield Republican*.

Selected samples of the STIP's outreach to be included in the Final STIP at the close of the public comment period will consist of examples such as a copy of the web page for the Massachusetts Department of Transportation; the web pages from the regional planning agencies; the web page from the a regional transit authority; legal advertisement placed in newspapers; and other examples of public notice.

## **Notice of Availability**

The Massachusetts Department of Transportation announces the availability of the draft project listings for the proposed State Transportation Improvement Program for Federal Fiscal Years 2014 to 2017. 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

<http://www.massdot.state.ma.us/planning/Main/StatewidePlans/StateTransportationImprovementProgram.aspx>, and during regular business hours at Metropolitan Area Planning Council, 60 Temple Place, Boston, the Massachusetts Bay Transit Authority, 10 Park Plaza, Suite 3910, Boston, and the Cape Ann Transportation Authority, 3 Pond Road, Gloucester. The comment period will begin on July 31, 2013 and end on August 30, 2013. Comments can be mailed to STIP Coordinator, MassDOT, Office of Transportation Planning, 10 Park Plaza Room 4150, Boston, MA 02116 by fax to 857.368.0639 or by e-mail to [sheri.warrington@state.ma.us](mailto:sheri.warrington@state.ma.us).

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## State Transportation Improvement Plan (STIP) FFY 2013-2016

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- [Capital Investment Plan](#)
- [Ferry Compact](#)
- [Freight Plan](#)
- [Pedestrian Plan](#)
- [Ports Strategic Plan](#)
- [Rail Plan](#)
- [Regional ITS](#)
- [Statewide ITS](#)
- **[State Transportation Improvement Program](#)**

[Current Studies](#)

[Completed Studies](#)

[Maps, Data and Reports](#)

[Research](#)

MassDOT is pleased to announce the availability of the final State Transportation Improvement Program for Federal Fiscal Years 2014 to 2017. These documents are a compilation of roadway, bridge, intermodal and transit projects as developed by the Commonwealth's ten MPOs and the three non-MPOs.

Any comments can be forwarded to the STIP Coordinator, by mail to MassDOT, Office of Transportation Planning, 10 Park Plaza, Room 4150, Boston MA 02116, by e-mail to [sheri.warrington@state.ma.us](mailto:sheri.warrington@state.ma.us); or by fax at 857.368.0639.

### Draft STIP for Federal Fiscal Years 2014 - 2017

- Part II: Programmed Projects
  - [Highway FFY 2014 - 2017](#)
  - Transit
    - [FFY 2014 - 2017](#) Accessible and Machine readable (CSV)
    - Printable (PDF)
      - [FFY 2014](#)
      - [FFY 2015](#)
      - [FFY 2016](#)
      - [FFY 2017](#)
- Part IV: [Air Quality Conformity Status](#)

### Previous STIPs

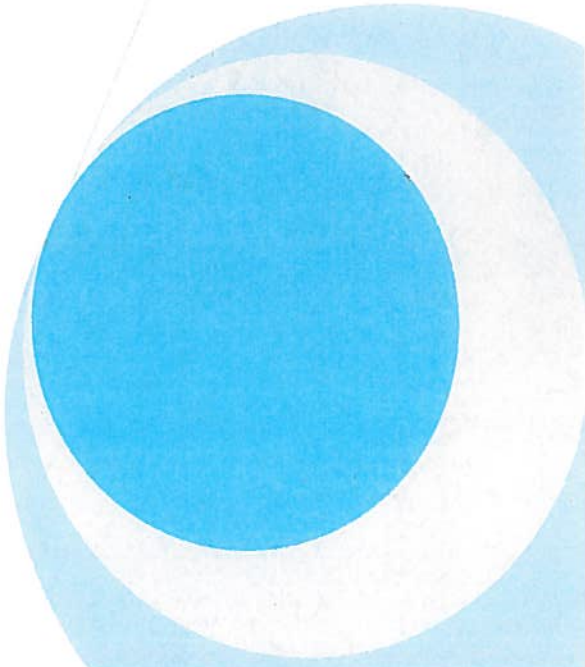
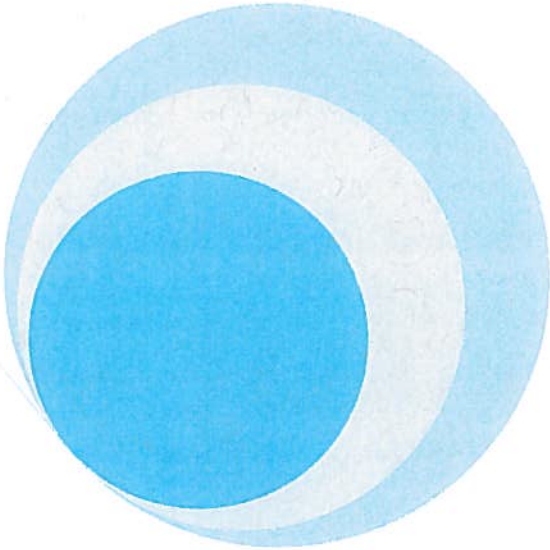
### Frequently Asked Questions

Select Language  Powered by Google Translate | [Translation Support](#)

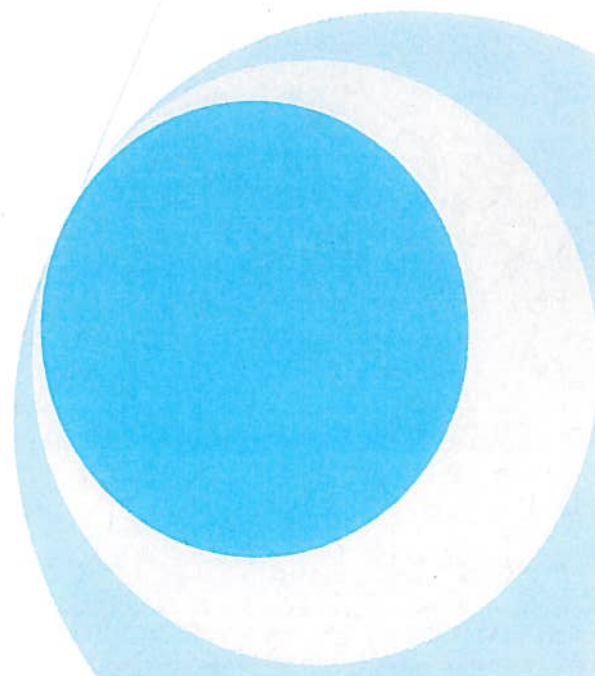
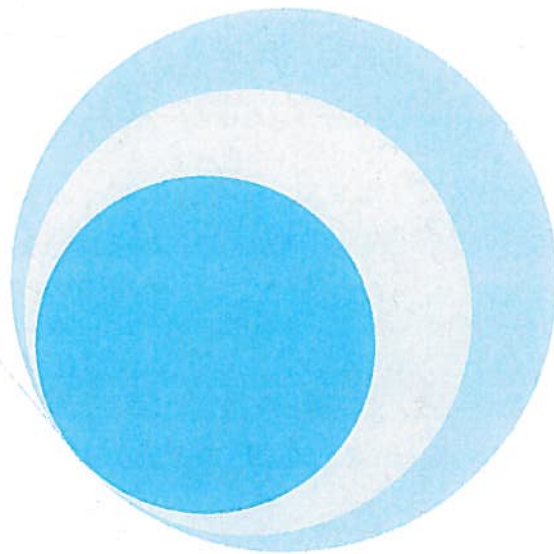
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**Appendix**



**Appendix A**  
**Guidance Documents**





U.S. Department  
of Transportation  
**Federal Highway  
Administration**

**Massachusetts Division**  
February 21, 2012

55 Broadway, 10<sup>th</sup> Floor  
Cambridge, MA 02142  
617.494-3657  
617.494.3355 (fax)  
[www.fhwa.dot.gov/madiv](http://www.fhwa.dot.gov/madiv)

In Reply Refer To:  
HDA-MA

Mr. David J. Mohler  
Executive Director  
Office of Transportation Planning  
Massachusetts Department of Transportation (MassDOT)  
10 Park Plaza, Room 4150  
Boston, MA 02116-3969

Subject: Financial Guidance for the FY 2013-2016 TIPs/STIP

Dear Mr. Mohler:

The purpose of this letter is to provide the financial guidance for developing the FY 2013-2016 Transportation Improvement Programs (TIPs)/Statewide Transportation Improvement Program (STIP). As you are aware, the estimate of Federal funds to be considered for programming is contingent on authorizing legislation, either an extension of the Safe, Accountable, Flexible, Efficient Transportation Equity Act: A Legacy for Users (SAFE TEA-LU), or a new highway bill. For the six core Federal-Aid Highway Programs, the estimated obligation authority (OA) for FY 2013, 2014, 2015 and 2016 is \$600 million per year and includes \$50 million per year for August Redistribution.

We are pleased that efforts are underway to develop the FY 2013-2016 STIP, and we would like to commend MassDOT for preparing a schedule that includes a goal of submitting the STIP for approval in August 2012.

In addition, any remaining High Priority Program projects and other congressionally designated projects in highway authorization and appropriation legislation may be considered for programming as appropriate.

In the development of the STIP, it is recommended that the State consult with the Environmental Protection Agency (EPA), Federal Transit Administration (FTA) and the Federal Highway Administration (FHWA), so that only projects in the MPO RTP financial plans are included in the transportation model. To ensure adequate public review, please include the air quality conformity determination in the Draft MPO TIPs.

Consistent with FHWA's guidance on the planning requirements and their relationship to the National Environmental Policy Act of 1969 (NEPA), each entire project described in a Record of Decision (ROD), Finding of No Significant Impact (FONSI), or Categorical Exclusion (CE) should be consistent with the TIP and the RTP prior to the FHWA approval of the environmental



## TIPs/STIP Programming Guidelines for Massachusetts March 17, 2010

### **Year of Expenditure (YOE) Revenue and Cost Estimates**

[23 CFR 450.216(l) and 23 CFR 450.324(h)]

The revenue and cost estimates for the TIPs/STIP must use an inflation rate to reflect “year of expenditure dollars”. The inflation rate of 4% per annum must be added to the cost estimates for all projects from the second to the fourth year in the TIPs/STIP. Also it is suggested that the TIPs/STIP include a brief statement or footnote stating that the inflation rate was accounted for in the cost estimates.

### **Full Funding** [23 CFR 450.324(i) and 23 CFR 450.216(m)]

Projects that are programmed on the TIPs/STIP must be fully funded to cover the entire cost of the project, with all sources of funding explicitly identified. Whether the project appears in one or several TIPs/STIP years, it should be relatively easy for readers to be able to review a project’s total estimated cost, as well as its funding source(s).

### **Programming Earmarks**

Congressional earmarks should be programmed in the TIPs/STIP only when full funding is available to cover the entire cost of the project, and the project is ready to be advanced. The design phase for earmarked projects should only be programmed if the construction funds are programmed in either the TIP or the RTP.

The scope of work developed for a project must be consistent with the legislative description, whether the description comes from an annual appropriations bill or an authorizing legislation such as SAFETEA-LU.

Earmarks such as Ferry Boat Discretionary projects, may be programmed beyond the second year of the TIPs/STIP, if an earmark is anticipated in an appropriations bill or an application is under review by the implementing federal agency.

The phases for the use of earmarks should be clearly identified (right-of-way, design, construction). Also, the TIPs/STIP must show the appropriate “Demo ID” or relevant section number to enable FHWA/FTA to identify the earmark. This includes the “HPP section number” (HPP 2367 for example) or a “Demo ID” such as “MA 091”.

### **Advanced Construction**

Consistent with the policy approved on March 15, 2005, AC will be used only if project construction, due to engineering decisions, would be scheduled to span the years for which funding is programmed. AC method will not be used solely as a means to fund a project.

AC will be used only for projects that exceed an MPO annual target; projects that can be programmed in one year will not use AC funding. In the Boston Region MPO region, because targets are significantly greater than in other MPOs, it may be possible, on a case by case basis to use AC on projects that are less than the target (over \$25 million).



Summary of Proposed FFY 2013 - 2016 MPO Targets  
March 14, 2012

	Current 2013	Proposed 2013	Current 2014	Proposed 2014	Current 2015	Proposed 2015	Proposed 2016
<b>Base Obligation Authority Redistribution, as Estimated by FHWA</b>	\$560,000,000	\$550,000,000	\$560,000,000	\$550,000,000	\$560,000,000	\$550,000,000	\$550,000,000
<b>Total Estimated Obligation Authority Available:</b>	\$0	\$50,000,000	\$0	\$0	\$0	\$50,000,000	\$50,000,000
<b>Central Artery/Tunnel or ABP GANS Obligation Authority</b>	\$560,000,000	\$600,000,000	\$560,000,000	\$600,000,000	\$560,000,000	\$600,000,000	\$600,000,000
	-\$170,710,000	-\$141,005,000	-\$178,390,000	-\$122,840,000	-\$150,000,000	-\$150,000,000	-\$150,000,000
<b>Total Non-Earmarked O/A Available Statewide</b>	\$389,290,000	\$458,995,000	\$381,610,000	\$477,160,000	\$410,000,000	\$450,000,000	\$450,000,000
<b>Total Non-Earmarked Available Statewide ( Including State Match )</b>	\$475,737,500	\$561,443,750	\$466,137,500	\$584,993,750	\$501,625,000	\$551,450,000	\$551,455,000
<b>Statewide Infrastructure Items:</b>							
Statewide Infrastructure Program	\$6,000,000	\$6,000,000	\$6,000,000	\$6,000,000	\$6,000,000	\$6,000,000	\$6,000,000
Statewide HSIP Program	\$5,000,000	\$5,000,000	\$5,000,000	\$5,000,000	\$5,000,000	\$5,000,000	\$5,000,000
Statewide Safe Routes to Schools Program	\$3,500,000	\$4,200,000	\$3,500,000	\$5,200,000	\$3,500,000	\$5,200,000	\$5,180,000
Statewide CMAQ	\$6,250,000	\$37,000,000	\$6,250,000	\$33,000,000	\$6,250,000	\$24,000,000	\$23,000,000
Statewide Transportation Enhancements	\$3,500,000	\$7,500,000	\$3,500,000	\$12,500,000	\$3,500,000	\$12,500,000	\$12,500,000
Statewide Recreational Trails	\$783,000	\$783,000	\$783,000	\$1,000,000	\$783,000	\$1,000,000	\$1,000,000
Statewide ITS	\$6,250,000	\$15,750,000	\$6,250,000	\$15,700,000	\$6,250,000	\$12,700,000	\$12,700,000
Statewide Design and Right of Way	\$2,000,000	\$0	\$2,000,000	\$0	\$2,000,000	\$0	\$0
Statewide Interstate Maintenance Program	\$75,000,000	\$75,000,000	\$75,000,000	\$65,250,000	\$75,000,000	\$63,000,000	\$63,000,000
Statewide NHS Preservation Program	\$12,000,000	\$12,000,000	\$12,000,000	\$29,218,750	\$12,000,000	\$25,500,000	\$25,500,000
Statewide Railroad Grade Crossings	\$500,000	\$10,000,000	\$500,000	\$10,000,000	\$500,000	\$500,000	\$2,500,000
Statewide Stormwater Retrofits	\$10,000,000	\$10,000,000	\$10,000,000	\$4,000,000	\$10,000,000	\$10,000,000	\$10,000,000
Statewide ADA Implementation Plan	\$3,000,000	\$3,000,000	\$3,000,000	\$4,000,000	\$3,000,000	\$4,000,000	\$4,000,000
<b>Subtotal Statewide Infrastructure Items:</b>	\$130,783,000	\$186,233,000	\$130,783,000	\$197,868,750	\$130,783,000	\$169,400,000	\$170,380,000
<b>Other Statewide Items:</b>							
Award Adjustments, Change Orders, Project Value Changes, Etc. Planning	\$43,750,000	\$42,750,000	\$43,750,000	\$41,750,000	\$43,750,000	\$41,750,000	\$41,750,000
DBEs, CEPO, Pavement Lab Retrofits, and Misc. Programs	\$23,000,000	\$23,000,000	\$23,000,000	\$23,000,000	\$23,000,000	\$23,000,000	\$23,000,000
	\$0	\$1,000,000	\$0	\$1,000,000	\$0	\$1,000,000	\$1,000,000
<b>Subtotal Other Statewide Items:</b>	\$66,750,000	\$66,750,000	\$66,750,000	\$65,750,000	\$66,750,000	\$65,750,000	\$65,750,000
<b>Regional Major Infrastructure Projects:</b>							
	\$21,875,000	\$0	\$15,625,000	\$21,875,000	\$40,000,000	\$40,000,000	\$40,000,000
<b>Bridge Program:</b>							
Statewide Bridge Maintenance Program	\$0	\$10,000,000	\$0	\$10,000,000	\$0	\$10,000,000	\$10,000,000
Statewide Bridge Repl. / Rehab Program	\$121,483,328	\$139,175,000	\$121,483,328	\$99,175,000	\$121,483,328	\$122,000,000	\$82,000,000
<b>Statewide Bridge Inspection Program</b>							
Statewide Federal Aid Bridge Program:	\$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>	\$127,733,328	\$155,425,000	\$127,733,328	\$115,425,000	\$127,733,328	\$138,250,000	\$98,250,000
<b>Regional Targets:</b>							
Minimum Regional CMAQ Component:	\$20,000,000	\$20,000,000	\$20,000,000	\$20,000,000	\$20,000,000	\$20,000,000	\$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
Maximum Regional Non-CMAQ / HSIP Component:	\$98,596,173	\$123,035,750	\$95,246,173	\$154,075,000	\$106,358,673	\$108,050,000	\$147,075,000
<b>Total Regional Target</b>	\$128,596,173	\$153,035,750	\$125,246,173	\$184,075,000	\$136,358,673	\$138,050,000	\$177,075,000

TITLE 23 - TRANSPORTATION FUNDING

FEDERAL FISCAL YEAR 2014  
FEDERAL REGIONAL TARGETS  
March 14, 2012

	Obligation Authority	Obl. Auth. Matching State Funds	Total Funding Based On Obl. Auth.
Base Obligation Authority	\$550,000,000		
Redistribution, as Estimated by FHWA	\$50,000,000		
<b>Total Estimated Obligation Authority Available:</b>	<b>\$600,000,000</b>		
Central Artery/Tunnel Obligation Authority	(122,840,000)		Final CAT/GANS
<b>Total Non-Earmarked Available Statewide - (Including State Match)</b>	<b>477,160,000</b>	<b>107,833,750</b>	<b>584,993,750</b>
<b>Statewide Infrastructure Items:</b>			
Statewide Infrastructure Program	\$4,800,000	\$1,200,000	\$6,000,000
Statewide HSIP Program	\$5,400,000	\$600,000	\$6,000,000
Statewide Safe Routes to Schools Program	\$5,200,000	\$0	\$5,200,000
Statewide CMAQ	\$26,400,000	\$6,600,000	\$33,000,000
Statewide Transportation Enhancements	\$10,000,000	\$2,500,000	\$12,500,000
Statewide Recreational Trails	\$800,000	\$200,000	\$1,000,000
Statewide ITS	\$12,560,000	\$3,140,000	\$15,700,000
Statewide Design and Right of Way	\$0	\$0	\$0
Statewide Interstate Maintenance Program	\$58,725,000	\$6,525,000	\$65,250,000
Statewide NHS Preservation Program	\$23,375,000	\$5,843,750	\$29,218,750
Statewide Railroad Grade Crossings	\$8,000,000	\$2,000,000	\$10,000,000
Statewide Stormwater retrofits	\$8,000,000	\$2,000,000	\$10,000,000
Statewide ADA Implementation Plan	\$3,200,000	\$800,000	\$4,000,000
<b>Subtotal Statewide Infrastructure Items:</b>	<b>\$166,460,000</b>	<b>\$31,408,750</b>	<b>\$197,868,750</b>
<b>Other Statewide Items:</b>			
Award Adjustments, Change Orders, Project Value Changes, Etc. Planning	\$33,400,000	\$8,350,000	\$41,750,000
DBEs, FAPO, Pavement Lab Retrofits, and Misc. Programs	\$18,400,000	\$4,600,000	\$23,000,000
<b>Subtotal Other Statewide Items:</b>	<b>\$52,600,000</b>	<b>\$13,150,000</b>	<b>\$65,750,000</b>
<b>Regional Major Infrastructure Projects:</b>	<b>\$17,500,000</b>	<b>\$4,375,000</b>	<b>\$21,875,000</b>
<b>Bridge Program:</b>			
Statewide Bridge Maintenance Program	\$8,000,000	\$2,000,000	\$10,000,000
Statewide Bridge Repl. / Rehab Program	\$79,340,000	\$19,835,000	\$99,175,000
Statewide Bridge Inspection Program	\$5,000,000	\$1,250,000	\$6,250,000
<b>Subtotal Federal Aid Bridge Program:</b>	<b>\$92,340,000</b>	<b>\$23,085,000</b>	<b>\$115,425,000</b>
<b>Total Regional Targets:</b>			
Minimum Regional CMAQ Component:	\$16,000,000	\$4,000,000	\$20,000,000
Minimum Regional HSIP Component:	\$9,000,000	\$1,000,000	\$10,000,000
Maximum Regional Non-CMAQ / HSIP Component:	\$123,260,000	\$30,815,000	\$154,075,000
<b>Total Regional Target</b>	<b>\$148,260,000</b>	<b>\$35,815,000</b>	<b>\$184,075,000</b>

Region	Regional Share (%)	Regional Minimum HSIP Component With State Match	Regional Minimum CMAQ Component With State Match	Total Regional Target With State Match	STP with State Match
Berkshire Region	3.5596	\$355,964	\$711,929	\$6,562,416	\$5,484,521
Boston Region	42.9671	\$4,296,710	\$8,593,421	\$79,091,696	\$66,201,565
Cape Cod	4.5851	\$458,514	\$917,028	\$8,440,099	\$7,064,557
Central Mass	8.6901	\$869,013	\$1,738,026	\$15,996,359	\$13,389,319
Franklin Region	2.5397	\$253,975	\$507,949	\$4,675,037	\$3,913,114
Martha's Vineyard	0.3100	\$30,997	\$61,994	\$570,575	\$477,585
Merrimack Valley	4.4296	\$442,956	\$885,911	\$8,153,707	\$6,824,840
Montachusett	4.4596	\$445,955	\$891,911	\$8,208,924	\$6,871,058
Nantucket	0.2200	\$21,998	\$43,996	\$404,925	\$338,931
Northern Middlesex	3.9096	\$390,961	\$781,922	\$7,196,613	\$6,023,730
Old Colony	4.5595	\$455,954	\$911,909	\$8,392,981	\$7,025,117
Pioneer Valley	10.8099	\$1,080,992	\$2,161,984	\$19,898,358	\$16,655,383
Southeastern Mass	8.9601	\$896,010	\$1,792,021	\$16,493,311	\$13,805,280
<b>Total:</b>	<b>100.00</b>	<b>\$10,000,000</b>	<b>\$20,000,000</b>	<b>\$184,075,000</b>	<b>\$154,075,000</b>

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

TITLE 23 - TRANSPORTATION FUNDING

FEDERAL FISCAL YEAR 2016  
 FEDERAL REGIONAL TARGETS  
 March 14, 2012

	Obligation Authority	Obl. Auth. Matching State Funds	Total Funding Based On Obl. Auth.
Base Obligation Authority	\$550,000,000		
Redistribution, as Estimated by FHWA	\$50,000,000		
<b>Total Estimated Obligation Authority Available:</b>	<b>\$600,000,000</b>		
ABP GANS Repayment	(150,000,000)		
<b>Total Non-Earmarked Available Statewide - (Including State Match)</b>	<b>450,000,000</b>	<b>101,455,000</b>	<b>551,455,000</b>
<b>Statewide Infrastructure Items:</b>			
Statewide Infrastructure Program	\$4,800,000	\$1,200,000	\$6,000,000
Statewide HSIP Program	\$4,500,000	\$500,000	\$5,000,000
Statewide Safe Routes to Schools Program	\$5,180,000	\$0	\$5,180,000
Statewide CMAQ	\$18,400,000	\$4,600,000	\$23,000,000
Statewide Transportation Enhancements	\$10,000,000	\$2,500,000	\$12,500,000
Statewide Recreational Trails	\$800,000	\$200,000	\$1,000,000
Statewide ITS	\$10,160,000	\$2,540,000	\$12,700,000
Statewide Design and Right of Way	\$0	\$0	\$0
Statewide Interstate Maintenance Program	\$56,700,000	\$6,300,000	\$63,000,000
Statewide NHS Preservation Program	\$20,400,000	\$5,100,000	\$25,500,000
Statewide Railroad Grade Crossings	\$2,000,000	\$500,000	\$2,500,000
Statewide Stormwater retrofits	\$8,000,000	\$2,000,000	\$10,000,000
Statewide ADA Implementation Plan	\$3,200,000	\$800,000	\$4,000,000
<b>Subtotal Statewide Infrastructure Items:</b>	<b>\$144,140,000</b>	<b>\$26,240,000</b>	<b>\$170,380,000</b>
<b>Other Statewide Items:</b>			
Award Adjustments, Change Orders, Project Value Changes, Etc. Planning	\$33,400,000	\$8,350,000	\$41,750,000
DBEs, FAPO, Pavement Lab Retrofits, and Misc. Programs	\$18,400,000	\$4,600,000	\$23,000,000
	\$800,000	\$200,000	\$1,000,000
<b>Subtotal Other Statewide Items:</b>	<b>\$52,600,000</b>	<b>\$13,150,000</b>	<b>\$65,750,000</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 Maintenance Program	\$8,000,000	\$2,000,000	\$10,000,000
Statewide Bridge Repl. / Rehab Program	\$65,600,000	\$16,400,000	\$82,000,000
Statewide Bridge Inspection Program	\$5,000,000	\$1,250,000	\$6,250,000
<b>Subtotal Federal Aid Bridge Program:</b>	<b>\$78,600,000</b>	<b>\$19,650,000</b>	<b>\$98,250,000</b>
<b>Total Regional Targets:</b>			
Minimum Regional CMAQ Component:	\$16,000,000	\$4,000,000	\$20,000,000
Minimum Regional HSIP Component:	\$9,000,000	\$1,000,000	\$10,000,000
Maximum Regional Non-CMAQ / HSIP Component:	\$117,660,000	\$29,416,000	\$147,076,000
<b>Total Regional Target</b>	<b>\$142,660,000</b>	<b>\$34,416,000</b>	<b>\$177,076,000</b>

Region	Regional Share (%)	Regional Minimum HSIP Component With State Match	Regional Minimum CMAQ Component With State Match	Total Regional Target With State Match	STP with State Match
Berkshire Region	3.5596	\$355,964	\$711,929	\$6,303,240	\$5,235,346
Boston Region	42.9671	\$4,296,710	\$8,593,421	\$76,083,999	\$63,193,867
Cape Cod	4.5851	\$458,514	\$917,028	\$8,119,139	\$6,743,597
Central Mass	8.6901	\$869,013	\$1,738,026	\$15,388,049	\$12,781,010
Franklin Region	2.5397	\$253,975	\$507,949	\$4,497,255	\$3,735,331
Martha's Vineyard	0.3100	\$30,997	\$61,994	\$548,878	\$455,887
Merrimack Valley	4.4296	\$442,956	\$885,911	\$7,843,638	\$6,514,771
Montachusett	4.4596	\$445,955	\$891,911	\$7,896,755	\$6,558,889
Nantucket	0.2200	\$21,998	\$43,996	\$389,526	\$323,533
Northern Middlesex	3.9096	\$390,961	\$781,922	\$6,922,940	\$5,750,057
Old Colony	4.5595	\$455,954	\$911,909	\$8,073,813	\$6,705,949
Pioneer Valley	10.8099	\$1,080,992	\$2,161,984	\$19,141,664	\$15,898,688
Southeastern Mass	8.9601	\$896,010	\$1,792,021	\$15,866,104	\$13,178,073
<b>Total:</b>	<b>100.00</b>	<b>\$10,000,000</b>	<b>\$20,000,000</b>	<b>\$177,075,000</b>	<b>\$147,075,000</b>

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

2014 - 2017 Statewide Transportation Improvement Program  
Fiscal Constraint Charts

Draft

FFY 2014	MAP-21	FUNDING CATEGORY	ANTICIPATED NET APPORTIONMENTS OF FEDERAL FUNDS	ESTIMATED BALANCE FROM FY 2013	ANTICIPATED TRANSFER OF FUNDS	TOTAL FUNDS AVAILABLE (10/1) SUBJECT TO OBLIGATION AUTHORITY	FY 2014 PROGRAMMED (2014-2017)	BALANCE REMAINING
		NATIONAL HIGHWAY PERFORMANCE	\$305,385,113	\$1,898,992	(\$50,000,000)	\$257,284,105	\$235,334,830	\$21,949,275
		STP FLEX	\$43,947,012	\$9,696,605	\$50,000,000	\$103,643,617	\$92,311,319	\$11,332,298
		BRIDGE-OFF SYSTEM	\$28,456,838	\$205,629,022		\$234,085,860	\$11,122,934	\$222,962,927
		STP NON-FLEX	\$73,207,617	\$1,599,520		\$74,807,137	\$73,310,995	\$1,496,143
		-BOSTON URBAN AREA	\$45,201,991	\$904,940		\$46,106,931	\$45,184,792	\$922,139
		-BARNSTABLE URBAN AREA	\$2,727,959	\$100,021		\$2,827,980	\$2,771,420	\$56,560
		-SPRINGFIELD, CHICOPEE, HOLYOKE	\$5,878,325	\$134,996		\$6,013,321	\$5,893,055	\$120,266
		-WORCESTER URBAN AREA	\$5,015,765	\$171,892		\$5,187,657	\$5,083,904	\$103,753
		-PROVIDENCE, PAWTUCKET	\$2,878,139	\$57,563		\$2,935,702	\$2,876,988	\$58,714
		-OTHER AREAS (RURAL & SMALL URBAN)	\$11,505,438	\$230,109		\$11,735,547	\$11,500,836	\$234,711
		STP-ENHANCEMENT	\$0	\$65,455,145		\$65,455,145	\$12,191,672	\$53,263,473
		SAFE ROUTES TO SCHOOLS PGM.	\$0	\$3,180,887		\$3,180,887	\$1,425,500	\$1,755,387
		TAP RECREATIONAL TRAILS	\$1,174,862	\$3,407,754		\$4,582,616	\$800,000	\$3,782,616
		TAP FLEX	\$5,188,933	\$5,188,933		\$10,377,866	\$1,822,000	\$8,555,866
		STP NON-FLEX	\$5,188,933	\$5,188,933		\$10,377,866	\$3,985,002	\$6,392,864
		-BOSTON URBAN AREA	\$3,203,903	\$3,203,903		\$6,407,806	\$2,920,743	\$3,487,063
		-BARNSTABLE URBAN AREA	\$193,357	\$193,357		\$386,714	\$175,953	\$210,761
		-SPRINGFIELD, CHICOPEE, HOLYOKE	\$416,654	\$416,654		\$833,308	\$379,151	\$454,157
		-WORCESTER URBAN AREA	\$355,516	\$355,516		\$711,032	\$323,517	\$387,515
		-PROVIDENCE, PAWTUCKET	\$204,002	\$204,002		\$408,003	\$185,639	\$222,364
		-OTHER AREAS (RURAL & SMALL URBAN)	\$761,152	\$761,152		\$1,522,304	\$685,037	\$837,267
		HWY SAFETY IMPROVEMENT PGM.	\$32,277,307	\$17,474,090	\$0	\$49,751,397	\$36,305,564	\$13,445,833
		HSIP - High Risk Rural	\$0	\$5,627,938		\$5,627,938	\$0	\$5,627,938
		RWY/HWY CROSSINGS- HAZARD ELIMINATION	\$1,207,226	\$8,656,632		\$9,863,858	\$4,000,000	\$5,863,858
		RWY/HWY CROSSINGS- PROTECTIVE DEVICES	\$1,207,227	\$6,105,589		\$7,312,816	\$4,000,000	\$3,312,816
		SUB-TOTAL	\$497,241,068	\$333,482,103	\$0	\$830,723,171	\$476,609,815	\$359,741,293
		CMAO	\$60,908,669	\$121,328,051	\$0	\$182,236,720	\$93,444,029	\$88,792,692
		PLANNING	\$20,064,084	\$32,175,272		\$52,239,356	\$25,774,942	\$26,464,414
		FEDERAL AID SUB-TOTAL:	\$578,213,821	\$486,985,426	\$0	\$1,065,199,247	\$595,828,786	\$474,998,399
						FEDERAL OIA GUIDANCE	\$600,000,000	

2014 - 2017 Statewide Transportation Improvement Program  
Fiscal Constraint Charts

DRAFT

MAP-21

FFY 2015

FUNDING CATEGORY	ANTICIPATED NET APPORTIONMENTS OF FEDERAL FUNDS	ESTIMATED BALANCE FROM FY 2014	ANTICIPATED TRANSFER OF FUNDS	TOTAL FUNDS AVAILABLE (10/1) SUBJECT TO OBLIGATION AUTHORITY	FY 2015 PROGRAMMED (2014-2017)	BALANCE REMAINING
NATIONAL HIGHWAY PERFORMANCE	\$305,385,113	\$21,949,275		\$327,334,388	\$280,697,217	\$46,637,170
STP FLEX	\$43,947,012	\$11,332,298	\$0	\$55,279,310	\$17,285,652	\$37,993,658
BRIDGE-OFF SYSTEM	\$28,456,838	\$222,962,927		\$251,419,765	\$26,378,706	\$87,293,792
STP NON-FLEX	\$73,207,617	\$1,496,143		\$74,703,760	\$73,209,685	\$1,494,075
-BOSTON URBAN AREA	\$45,201,991	\$922,139		\$46,124,130	\$45,201,647	\$922,483
-BARNSTABLE URBAN AREA	\$2,727,959	\$56,560		\$2,784,519	\$2,728,828	\$55,690
-SPRINGFIELD, CHICOPEE, HOLYOKE	\$5,878,325	\$120,266		\$5,998,591	\$5,878,620	\$119,972
-WORCESTER URBAN AREA	\$5,015,765	\$103,753		\$5,119,518	\$5,017,128	\$102,390
-PROVIDENCE, PAWTUCKET	\$2,878,139	\$58,714		\$2,936,853	\$2,878,116	\$58,737
-OTHER AREAS (RURAL & SMALL URBAN)	\$11,505,438	\$234,711		\$11,740,149	\$11,505,346	\$234,803
STP-ENHANCEMENT	\$0	\$53,263,473		\$53,263,473	\$45,144,591	\$8,118,882
SAFE ROUTES TO SCHOOLS PGM.	\$0	\$1,755,387		\$1,755,387	\$1,663,268	\$92,119
TAP RECREATIONAL TRAILS	\$1,174,862	\$3,782,616		\$4,957,478	\$800,000	\$4,157,478
TAP FLEX	\$5,188,933	\$8,555,866		\$13,744,799	\$3,435,346	\$10,309,453
TAP NON-FLEX	\$5,188,933	\$6,392,864		\$11,581,797	\$3,123,594	\$8,458,202
-BOSTON URBAN AREA	\$3,203,903	\$3,487,063		\$6,690,966	\$6,557,147	\$133,819
-BARNSTABLE URBAN AREA	\$193,357	\$210,761		\$404,118	\$396,036	\$8,082
-SPRINGFIELD, CHICOPEE, HOLYOKE	\$416,654	\$454,157		\$870,810	\$853,394	\$17,416
-WORCESTER URBAN AREA	\$355,516	\$387,515		\$743,031	\$728,170	\$14,861
-PROVIDENCE, PAWTUCKET	\$204,002	\$222,364		\$426,365	\$417,838	\$8,527
-OTHER AREAS (RURAL & SMALL URBAN)	\$338,467	\$837,267		\$1,175,734	\$1,152,220	\$23,515
HWY SAFETY IMPROVEMENT PGM.	\$32,277,307	\$13,445,833		\$45,723,140	\$24,371,813	\$21,351,328
HSIP - High Risk Rural	\$0	\$5,627,938		\$5,627,938	\$0	\$5,627,938
RWV/HWY CROSSINGS- HAZARD ELIMINATION	\$1,207,226	\$5,863,858		\$7,071,084	\$400,000	\$6,671,084
RWV/HWY CROSSINGS- PROTECTIVE DEVICES	\$1,207,227	\$3,312,816		\$4,520,043	\$400,000	\$4,120,043
SUB-TOTAL	\$497,241,068	\$359,741,293	\$0	\$856,982,361	\$476,909,872	\$242,325,223
CMAQ	\$60,908,669	\$88,792,692	\$0	\$149,701,361	\$86,629,840	\$63,071,520
PLANNING	\$20,064,084	\$26,464,414		\$46,528,498	\$24,800,000	\$21,728,498
FEDERAL AID SUB-TOTAL:	\$578,213,821	\$474,998,399	\$0	\$1,053,212,220	\$588,339,712	\$327,125,241
				FEDERAL OIA GUIDANCE	\$600,000,000	

2014 - 2017 Statewide Transportation Improvement Program  
Fiscal Constraint Charts

FFY 2016	MAP-21	ANTICIPATED NET APPORTIONMENTS OF FEDERAL FUNDS	ESTIMATED BALANCE FROM FY 2015	ANTICIPATED TRANSFER OF FUNDS	TOTAL FUNDS AVAILABLE (10/1) SUBJECT TO OBLIGATION, AUTHORITY	FY 2016 PROGRAMMED (2014-2017)	BALANCE REMAINING
		FUNDING CATEGORY					
		NATIONAL HIGHWAY PERFORMANCE	\$46,637,170	(\$15,000,000)	\$337,022,283	\$294,592,791	\$42,429,493
		STP FLEX	\$37,993,658	\$15,000,000	\$96,940,670	\$41,195,681	\$55,744,989
		BRIDGE-OFF SYSTEM	\$87,293,792		\$115,750,630	\$34,999,994	\$80,750,637
		STP NON-FLEX	\$1,494,075		\$74,701,692	\$73,207,658	\$1,494,034
		-BOSTON URBAN AREA	\$922,483		\$46,124,474	\$45,201,984	\$922,489
		-BARNSTABLE URBAN AREA	\$55,690		\$2,783,649	\$2,727,976	\$55,673
		-SPRINGFIELD, CHICOPEE, HOLYOKE	\$119,972		\$5,998,297	\$5,878,331	\$119,966
		-WORCESTER URBAN AREA	\$5,015,765		\$5,118,155	\$5,015,792	\$102,363
		-PROVIDENCE, PAWTUCKET	\$2,878,139		\$2,936,876	\$2,878,139	\$58,738
		-OTHER AREAS (RURAL & SMALL URBAN)	\$11,505,438		\$11,740,241	\$11,505,436	\$234,805
		STP-ENHANCEMENT	\$0		\$8,118,882	\$0	\$0
		SAFE ROUTES TO SCHOOLS PGM.	\$0		\$92,119	\$642,015	(\$549,896)
		TAP RECREATIONAL TRAILS	\$1,174,862		\$4,157,478	\$800,000	\$4,532,340
		TAP FLEX	\$5,188,933		\$10,309,453	\$1,560,000	\$13,938,386
		TAP NON-FLEX	\$5,188,933		\$8,458,202	\$579,261	\$13,067,874
		-BOSTON URBAN AREA	\$3,203,903		\$133,819	\$3,270,968	\$66,754
		-BARNSTABLE URBAN AREA	\$193,357		\$8,082	\$197,410	\$4,029
		-SPRINGFIELD, CHICOPEE, HOLYOKE	\$416,654		\$17,416	\$425,389	\$8,681
		-WORCESTER URBAN AREA	\$355,516		\$14,861	\$362,969	\$7,408
		-PROVIDENCE, PAWTUCKET	\$204,002		\$8,527	\$208,278	\$4,251
		-OTHER AREAS (RURAL & SMALL URBAN)	\$338,467		\$23,515	\$354,742	\$7,240
		HWY SAFETY IMPROVEMENT PGM.	\$32,277,307		\$21,351,328	\$34,918,695	\$18,709,939
		HSIP - High Risk Rural	\$0		\$5,627,938	\$0	\$0
		RWY/HWY CROSSINGS- HAZARD ELIMINATION	\$0		\$6,671,084	\$400,000	\$6,271,084
		RWY/HWY CROSSINGS- PROTECTIVE DEVICES	\$0		\$4,120,043	\$408,000	\$3,720,043
		SUB-TOTAL	\$494,826,615	\$0	\$737,151,838	\$483,296,095	\$240,109,923
		CMAQ	\$60,908,669	\$0	\$63,071,520	\$84,712,931	\$39,267,259
		PLANNING	\$20,064,084	\$0	\$41,792,582	\$24,800,000	\$16,992,582
		FEDERAL AID SUB-TOTAL:	\$575,799,368	\$0	\$902,924,609	\$592,809,026	\$296,368,763
		FEDERAL O/A GUIDANCE				\$600,000,000	

2014 - 2017 Statewide Transportation Improvement Program  
Fiscal Constraint Charts

FFY 2017	FUNDING CATEGORY	MAP-21	CURRENT TARGETS				DRAFT	
			ANTICIPATED NET APPORTIONMENTS OF FEDERAL FUNDS	ESTIMATED BALANCE FROM FY 2016	ANTICIPATED TRANSFER OF FUNDS (\$10,000,000)	TOTAL FUNDS AVAILABLE (10/1) SUBJECT TO OBLIGATION AUTHORITY		FY 2017 PROGRAMMED (2014-2017)
	NATIONAL HIGHWAY PERFORMANCE		\$305,385,113	\$42,429,493	(\$10,000,000)	\$337,814,606	\$281,276,498	\$56,538,107
	STP FLEX		\$43,947,012	\$55,744,989	\$10,000,000	\$109,692,001	\$29,801,998	\$79,890,003
	BRIDGE-OFF SYSTEM		\$28,456,838	\$80,750,637		\$109,207,475	\$31,865,298	\$77,342,176
	STP NON-FLEX		\$73,207,617	\$1,494,034		\$74,701,651	\$73,207,618	\$1,494,033
	-BOSTON URBAN AREA		\$45,201,991	\$922,489		\$46,124,480	\$45,201,991	\$922,490
	-BARNSTABLE URBAN AREA		\$2,727,959	\$55,673		\$2,783,632	\$2,727,959	\$55,673
	-SPRINGFIELD, CHICOPEE, HOLYOKE		\$5,878,325	\$119,966		\$5,998,291	\$5,878,325	\$119,966
	-WORCESTER URBAN AREA		\$5,015,765	\$102,363		\$5,118,128	\$5,015,766	\$102,363
	-PROVIDENCE, PAWTUCKET		\$2,878,139	\$58,738		\$2,936,877	\$2,878,139	\$58,738
	-OTHER AREAS (RURAL & SMALL URBAN)		\$11,505,438	\$234,805		\$11,740,243	\$11,505,438	\$234,805
	SAFE ROUTES TO SCHOOLS PGM.		\$0	(\$549,896)		(\$549,896)	\$0	(\$549,896)
	TAP RECREATIONAL TRAILS		\$1,174,862	\$4,532,340	\$0	\$5,707,202	\$800,000	\$4,907,202
	TAP FLEX		\$5,188,933	\$13,938,386		\$19,127,319	\$3,080,000	\$16,047,319
	TAP NON-FLEX		\$5,188,933	\$13,067,874		\$18,256,807	\$3,241,726	\$15,015,082
	-BOSTON URBAN AREA		\$3,203,903	\$66,754		\$3,270,657	\$3,205,244	\$65,413
	-BARNSTABLE URBAN AREA		\$193,357	\$4,029		\$197,386	\$193,438	\$3,948
	-SPRINGFIELD, CHICOPEE, HOLYOKE		\$416,654	\$8,681		\$425,335	\$416,829	\$8,507
	-WORCESTER URBAN AREA		\$355,516	\$7,408		\$362,923	\$355,665	\$7,258
	-PROVIDENCE, PAWTUCKET		\$204,002	\$4,251		\$208,252	\$204,087	\$4,165
	-OTHER AREAS (RURAL & SMALL URBAN)		\$338,467	\$7,240		\$345,707	\$338,793	\$6,914
	HWY SAFETY IMPROVEMENT PGM.		\$32,277,307	\$18,709,939	\$0	\$50,987,246	\$29,660,191	\$21,327,056
	HSIP - High Risk Rural		\$0	\$0		\$0	\$0	\$0
	RWY/HWY CROSSINGS- HAZARD ELIMINATION		\$0	\$6,271,084		\$6,271,084	\$2,000,000	\$4,271,084
	RWY/HWY CROSSINGS- PROTECTIVE DEVICES		\$0	\$3,720,043		\$3,720,043	\$2,000,000	\$1,720,043
	SUB-TOTAL		\$494,826,615	\$240,108,923	\$0	\$734,935,538	\$456,933,329	\$278,002,209
	CMAQ		\$60,908,669	\$39,267,259		\$100,175,928	\$89,012,422	\$11,163,506
	PLANNING		\$20,064,084	\$16,992,582		\$37,056,666	\$24,800,000	\$12,256,666
	FEDERAL AID SUB-TOTAL:		\$575,799,368	\$296,368,763	\$0	\$872,168,131	\$570,745,750	\$301,422,381
	FEDERAL OIA GUIDANCE						\$600,000,000	

**TITLE 23 - TRANSPORTATION FUNDING**

FEDERAL FISCAL YEAR 2014  
FEDERAL REGIONAL TARGETS  
April 8, 2013

	Obligation Authority	Obl. Auth. Matching State Funds	Total Funding Based On Obl. Auth.
Base Obligation Authority	\$550,000,000		
Redistribution, as Estimated by FHWA	\$50,000,000		
<b>Total Estimated Obligation Authority Available:</b>	<b>\$600,000,000</b>		
Central Artery/Tunnel Obligation Authority	(122,840,000)		Final CAT/GANS
<b>Total Non-Earmarked Available Statewide - (Including State Match)</b>	<b>477,160,000</b>	<b>110,747,165</b>	<b>587,907,165</b>
<b>Statewide Infrastructure Items:</b>			
Statewide Infrastructure Program (STP, NHPP)	\$10,000,000	\$2,500,000	\$12,500,000
Statewide HSIP Program	\$13,600,000	\$1,511,111	\$15,111,111
Statewide Safe Routes to Schools Program	\$5,200,000	\$367,304	\$5,567,304
Statewide CMAQ	\$19,300,000	\$4,825,000	\$24,125,000
Statewide Transportation Enhancements	\$10,000,000	\$2,500,000	\$12,500,000
Statewide Recreational Trails	\$800,000	\$200,000	\$1,000,000
Statewide ITS (CMAQ and STP)	\$12,560,000	\$3,140,000	\$15,700,000
Statewide Design and Right of Way	\$0	\$0	\$0
Statewide Interstate Maintenance Program (NHPP)	\$46,818,000	\$5,202,000	\$52,020,000
Statewide NHS Preservation Program (NHPP)	\$34,000,000	\$8,500,000	\$42,500,000
Statewide RR Grade Crossings (STP)	\$8,000,000	\$2,000,000	\$10,000,000
Statewide Transit (CMAQ)	\$0	\$0	\$0
Statewide Stormwater Retrofits	\$1,200,000	\$300,000	\$1,500,000
Statewide ADA Implementation Plan	\$0	\$0	\$0
<b>Subtotal Statewide Infrastructure Items:</b>	<b>\$161,478,000</b>	<b>\$33,545,415</b>	<b>\$205,023,415</b>
<b>Other Statewide Items:</b>			
Award Adjustments, Change Orders, Project Value Changes, Etc.	\$31,282,000	\$7,820,500	\$39,102,500
Planning	\$24,800,000	\$6,200,000	\$31,000,000
DBEs, FAPO, Pavement Lab Retrofits, and Misc. Programs	\$800,000	\$200,000	\$1,000,000
<b>Subtotal Other Statewide Items:</b>	<b>\$56,882,000</b>	<b>\$14,220,500</b>	<b>\$71,102,500</b>
<b>Regional Major Infrastructure Projects:</b>	<b>\$18,066,667</b>	<b>\$4,516,667</b>	<b>\$22,583,334</b>
<b>Bridge Program:</b>			
Statewide Bridge Maintenance Program (NHPP)	\$8,000,000	\$2,000,000	\$10,000,000
Statewide Bridge Repl. / Rehab Program (NHPP + STP OFF-System Bridge)	\$79,340,000	\$19,835,000	\$99,175,000
Statewide Bridge Inspection Program	\$5,000,000	\$1,250,000	\$6,250,000
<b>Subtotal Federal Aid Bridge Program:</b>	<b>\$92,340,000</b>	<b>\$23,085,000</b>	<b>\$115,425,000</b>
<b>Total Regional Targets:</b>			
Minimum Regional CMAQ Component:	\$38,000,000	\$9,500,000	\$47,500,000
Minimum Regional HSIP Component:	\$12,375,000	\$1,375,000	\$13,750,000
Regional TAP Component:	\$3,985,003	\$996,251	\$4,981,254
Maximum Regional Non-CMAQ / HSIP / TAP Component:	<u>\$94,033,330</u>	<u>\$23,508,333</u>	<u>\$117,541,663</u>
<b>Total Regional Target</b>	<b>\$148,393,333</b>	<b>\$35,379,583</b>	<b>\$183,772,916</b>

Region	Regional Share (%)	Regional Minimum HSIP Component With State Match	Regional Minimum CMAQ Component With State Match	Regional TAP Component With State Match	Total Regional Target With State Match	NonCMAQ/HSIP/TAP with State Match
Berkshire Region	3.5596	\$489,451	\$1,690,831	\$0	\$6,541,882	\$4,361,380
Boston Region	42.9671	\$6,907,977	\$20,409,374	\$2,648,719	\$78,961,899	\$60,096,829
Cape Cod	4.5851	\$630,457	\$2,177,942	\$178,764	\$8,426,248	\$5,439,085
Central Mass	8.6901	\$1,194,893	\$4,127,812	\$426,039	\$16,970,107	\$10,221,363
Franklin Region	2.5397	\$349,215	\$1,206,379	\$0	\$4,667,365	\$3,111,771
Martha's Vineyard	0.3100	\$42,621	\$147,235	\$0	\$569,639	\$379,783
Memmick Valley	4.4296	\$609,064	\$2,104,040	\$306,423	\$8,140,326	\$5,121,799
Montachusett	4.4596	\$613,189	\$2,118,288	\$74,990	\$8,195,452	\$5,388,986
Nantucket	0.2200	\$30,247	\$104,490	\$0	\$404,260	\$269,523
Northern Middlesex	3.9096	\$537,571	\$1,857,064	\$245,303	\$7,184,802	\$4,644,863
Old Colony	4.5595	\$626,937	\$2,165,783	\$300,009	\$8,379,287	\$5,286,477
Pioneer Valley	10.8099	\$1,486,364	\$5,134,712	\$473,939	\$19,866,703	\$12,770,689
Southeastern Mass	8.9601	\$1,232,014	\$4,256,049	\$428,067	\$16,466,244	\$10,550,114
<b>Total:</b>	<b>100.00</b>	<b>\$13,760,000</b>	<b>\$47,500,000</b>	<b>\$4,981,254</b>	<b>\$183,772,916</b>	<b>\$117,541,663</b>



**TITLE 23 - TRANSPORTATION FUNDING**

FEDERAL FISCAL YEAR 2016  
FEDERAL REGIONAL TARGETS  
April 8, 2013

	Obligation Authority	Obl. Auth. Matching State Funds	Total Funding Based On Obl. Auth.
Base Obligation Authority	\$550,000,000		
Redistribution, as Estimated by FHWA	\$50,000,000		
<b>Total Estimated Obligation Authority Available:</b>	<b>\$600,000,000</b>		
ABP GANS Repayment	(150,000,000)		
<b>Total Non-Earmarked Available Statewide - (Including State Match)</b>	<b>450,000,000</b>	<b>102,279,167</b>	<b>552,279,167</b>
<b>Statewide Infrastructure Items:</b>			
Statewide Infrastructure Program	\$0	\$0	\$0
Statewide HSIP Program	\$17,600,000	\$1,955,556	\$19,555,556
Statewide Safe Routes to Schools Program	\$5,180,000	\$1,295,000	\$6,475,000
Statewide CMAQ	\$30,000,000	\$7,500,000	\$37,500,000
Statewide Transportation Enhancements	\$10,000,000	\$2,500,000	\$12,500,000
Statewide Recreational Trails	\$800,000	\$200,000	\$1,000,000
Statewide ITS	\$10,480,000	\$2,620,000	\$13,100,000
Statewide Design and Right of Way	\$0	\$0	\$0
Statewide Interstate Maintenance Program	\$45,990,000	\$5,110,000	\$51,100,000
Statewide NHS Preservation Program	\$21,360,000	\$5,340,000	\$26,700,000
Statewide RR Grade Crossings	\$800,000	\$200,000	\$1,000,000
Statewide Transit	\$0	\$0	\$0
Statewide Stormwater retrofits	\$4,000,000	\$1,000,000	\$5,000,000
Statewide ADA Implementation Plan	\$3,200,000	\$800,000	\$4,000,000
<b>Subtotal Statewide Infrastructure Items:</b>	<b>\$149,410,000</b>	<b>\$28,520,556</b>	<b>\$177,930,556</b>
<b>Other Statewide Items:</b>			
Award Adjustments, Change Orders, Project Value Changes, Etc. Planning	\$30,130,000	\$7,532,500	\$37,662,500
DBEs, FAPO, Pavement Lab Retrofits, and Misc. Programs	\$24,800,000	\$6,200,000	\$31,000,000
	\$800,000	\$200,000	\$1,000,000
<b>Subtotal Other Statewide Items:</b>	<b>\$55,730,000</b>	<b>\$13,932,500</b>	<b>\$69,662,500</b>
<b>Regional Major Infrastructure Projects:</b>	<b>\$25,600,000</b>	<b>\$6,400,000</b>	<b>\$32,000,000</b>
<b>Bridge Program:</b>			
Statewide Bridge Maintenance Program	\$8,000,000	\$2,000,000	\$10,000,000
Statewide Bridge Repl. / Rehab Program	\$65,600,000	\$16,400,000	\$82,000,000
Statewide Bridge Inspection Program	\$5,000,000	\$1,250,000	\$6,250,000
<b>Subtotal Federal Aid Bridge Program:</b>	<b>\$78,600,000</b>	<b>\$19,650,000</b>	<b>\$98,250,000</b>
<b>Total Regional Targets:</b>			
Minimum Regional CMAQ Component:	\$30,000,000	\$7,500,000	\$37,500,000
Minimum Regional HSIP Component:	\$10,000,000	\$1,111,111	\$11,111,111
Regional TAP Component:	\$3,985,003	\$396,251	\$4,381,254
Maximum Regional Non-CMAQ / HSIP Component:	<u>\$95,674,997</u>	<u>\$24,168,749</u>	<u>\$120,843,746</u>
<b>Total Regional Target</b>	<b>\$140,660,000</b>	<b>\$33,776,111</b>	<b>\$174,436,111</b>

Region	Regional Share (%)	Regional Minimum HSIP Component With State Match	Regional Minimum CMAQ Component With State Match	Regional TAP Component With State Match	Total Regional Target With State Match	NonCMAQ/HSIP/TAP with State Match
Berkshire Region	3.5596	\$395,516	\$1,334,867	\$0	\$6,209,306	\$4,478,922
Boston Region	42.9671	\$4,774,123	\$16,112,664	\$2,548,719	\$74,950,144	\$51,514,639
Cape Cod	4.5851	\$509,460	\$1,719,428	\$178,764	\$7,998,143	\$5,590,490
Central Mass	8.6901	\$965,570	\$3,258,799	\$426,039	\$15,158,727	\$10,508,318
Franklin Region	2.5397	\$282,194	\$952,405	\$0	\$4,430,234	\$3,195,635
Martha's Vineyard	0.3100	\$34,441	\$116,238	\$0	\$640,698	\$390,018
Merrimack Valley	4.4296	\$492,173	\$1,661,084	\$305,423	\$7,720,747	\$5,266,067
Montachusett	4.4596	\$495,506	\$1,672,333	\$74,990	\$7,779,973	\$5,536,244
Nantucket	0.2200	\$24,442	\$82,492	\$0	\$383,721	\$276,787
Northern Middlesex	3.9096	\$434,401	\$1,466,103	\$245,303	\$6,819,770	\$4,673,962
Old Colony	4.5595	\$506,616	\$1,709,829	\$300,009	\$7,963,491	\$5,437,037
Pioneer Valley	10.8099	\$1,201,102	\$4,053,720	\$473,939	\$18,856,402	\$13,127,642
Southeastern Mass	8.9601	\$995,567	\$3,360,039	\$428,067	\$15,629,657	\$10,845,984
<b>Total:</b>	<b>100.00</b>	<b>\$11,111,111</b>	<b>\$37,500,000</b>	<b>\$4,981,254</b>	<b>\$174,436,111</b>	<b>\$120,843,746</b>

**OFF SYSTEM PROGRAM**

MPO Region	PROJ No.	Town Name	District	Location	TIP YR.	Budget TIP Cost (\$)	Total Amount to be AC'd
Berkshire	606706	Pittsfield	01	HWY WOODLAWN AVE	2014	\$4,594,259.00	
Berkshire	<u>605935</u>	Williamstown	01	HWY HOPPER RD	2014	\$3,348,000.00	
Pioneer Valley	<u>604429</u>	Pelham	02	HWY MEETINGHSE RD	2014	\$1,846,800.00	
Montachusett	<u>607114</u>	Lancaster	03	HWY JACKSON RD	2014	\$4,144,608.00	\$7,576,608.00
							\$13,933,667.00

**ON SYSTEM PROGRAM**

MPO Region	PROJ No.	Town Name	District	Location	TIP YR.	Budget TIP Cost (\$)	Total Amount to be AC'd
<i>Boston Region</i>	607338	<i>Gloucester</i>	04	ST128	2014	\$8,450,000.00	\$17,250,000.00
<i>Boston Region</i>	<u>604796</u>	<i>Dedham</i>	06	HWY PROVIDNCE HWY	2014	\$5,859,000.00	\$10,868,550.00
Boston Region	<u>605895</u>	Bellingham	03	ST126 S MAIN ST	2014	\$1,705,200.00	
Boston Region	<u>604428</u>	Chelsea	06	HWY WASHINGTON AV	2014	\$4,581,284.00	
							\$20,595,484.00

**ADVANCE CONSTRUCTION PROGRAM**

MPO Region	PROJ No.	Town Name	District	Location	TIP YR.	Budget TIP Cost (\$)
Boston Region	603711	Needham-Wellesley	06	I-95	2014	\$8,500,000
Martha's Vineyard	604029	Oak Bluffs - Tisbury	05	Beach Road	2014	\$10,000,000
Boston Region	600703	Lexington	04	Rte 2	2014	\$15,000,000
Southeastern	605223	Fall River	05	I-195/Rte. 79/Rte. 138	2014	\$31,075,000

**OFF SYSTEM PROGRAM**

**Inflation**

**8%**

MPO Region	PROJ.No.	Town Name	District	Location	TIP YR.	Budget TIP Cost (\$)	Budget TIP Cost Inflated (\$)
Berkshire	<u>603778</u>	Lanesborough	01	HWY NARRAGANSETT	2016	\$1,673,327.00	\$1,807,193.00
Franklin	<u>602320</u>	Deerfield	02	HWY MCCLELLN FRM RR	2016	\$5,071,472.00	\$5,477,189.76
Boston Region	<u>607133</u>	Quincy	06	HWY ROBERTSON ST I 93 /US1/ST3	2016	\$4,563,576.41	\$4,928,662.52
Berkshire	<u>607116</u>	Florida	01	HWY S COUNTY RD	2016	\$2,705,000.00	\$2,921,400.00
Pioneer Valley	604626	Belchertown/ West Springfield/ Warren	02	HWY WILSON ST	2016	\$1,605,700.40	\$3,115,152.00
Southeastern		Fall River	05	HWY AIRPORT RD	2016	\$3,124,570.00	\$3,374,535.60
Boston Region	<u>607345</u>	Cohasset	05	HWY ATLANTIC AVE	2016	\$4,670,896.00	\$5,044,567.68
Central Mass.	<u>606303</u>	Rutland	03	HWY INTERVALE RD	2016	\$1,680,000.00	\$1,814,400.00
Central Mass.	<u>607113</u>	Dudley	03	HWY CARPENTER RD	2016	\$1,674,750.00	\$1,808,730.00
Franklin	<u>607118</u>	Heath	01	HWY SADOGA RD	2016	\$1,560,000.00	\$1,684,800.00
Boston Region	<u>606632</u>	Hopkinton	03	HWY FRUIT ST	2016	\$8,700,660.00	\$9,396,713.00
Central Mass.	<u>604468</u>	West Brookfield	02	HWY WICKABG VLLY	2016	\$2,200,600.00	\$2,376,648.00
							\$43,749,991.56

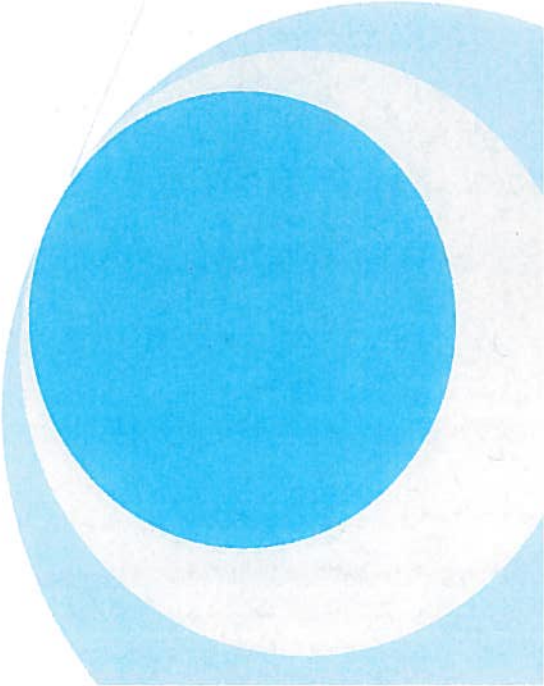
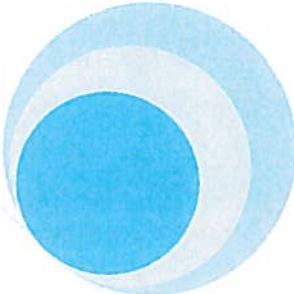
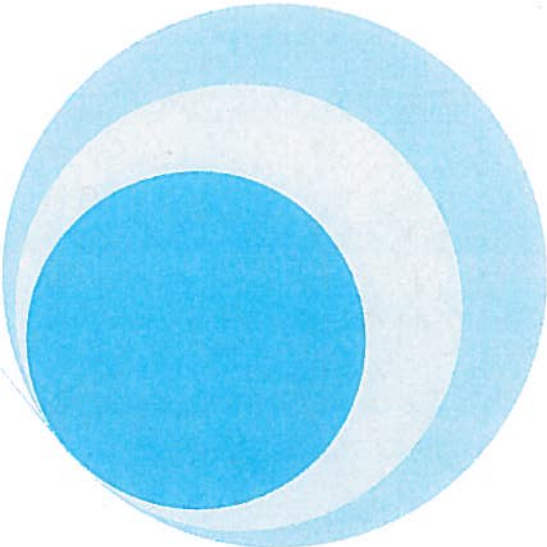
**ON SYSTEM PROGRAM**

MPO Region	PROJ.No.	Town Name	District	Location	TIP YR.	Budget TIP Cost (\$)	Budget TIP Cost Inflated (\$)	Total Amount to be AC'd
Boston Region	<u>604173</u>	Boston	06	HWY N WSHNGTN ST	2016	\$4,631,371.30	\$5,001,881.00	\$69,501,881.00
							\$5,001,881.00	

**ADVANCE CONSTRUCTION PROGRAM**

MPO Region	PROJ.No.	Town Name	District	Location	TIP YR.	Budget TIP Cost (\$)	Budget TIP Cost
Boston Region	<u>600867</u>	Boston	06	ST 2 A/MASS AVE	2016	\$ 9,100,000	\$ 9,100,000
Southeastern	605223	Fall River	05	I-195/Rte. 79/Rte. 138	2016	\$12,040,119	\$12,040,119
Martha's Vineyard	604029	Oak Bluffs - Tisbury	05	Beach Road	2016	\$7,000,000	\$7,000,000
Boston Region	600703	Lexington	04	Rte 2	2016	\$5,108,000	\$5,108,000

**Appendix B**  
**Statewide Projects**



STATE TRANSPORTATION IMPROVEMENT PROGRAM FOR FY YEAR = 2014

2014

YR	MassDOT Project ID	MPO	Municipality Name	MassDOT Project Description	District	Funding Source	Total Programmed Funds	Federal Funds	Non-Federal Funds	Additional Information
<b>FA BRIDGE PRESERVATION</b>										
2014	607469	STATEWIDE	SANDISFIELD	SANDISFIELD- BRIDGE MAINTENANCE, S-03-033, ROUTE 8 (S MAIN ST.) OVER W. BRANCH FARMINGTON RIVER	NA	FA	\$478,561	\$478,561	\$0	
2014	607468	STATEWIDE	STATEWIDE	DISTRICT 2- SYSTEMATIC BRIDGE MAINTENANCE AT VARIOUS LOCATIONS	NA	FA	\$2,812,400	\$2,812,400	\$0	
2014	607470	STATEWIDE	STATEWIDE	DISTRICT 6- BRIDGE MAINTENANCE AT VARIOUS LOCATIONS ON I-95/I-93 (ROUTE 128/ROUTE 1)	NA	FA	\$2,851,200	\$2,851,200	\$0	
2014	607272	STATEWIDE	STATEWIDE	DISTRICT 4- SCHEDULED BRIDGE REPAIRS & MAINTENANCE ON H-12-041	NA	FA	\$3,744,000	\$3,744,000	\$0	
<b>FA Subtotal</b>							\$9,886,161	\$9,886,161	\$0	
<b>FA BRIDGE PRESERVATION TOTALS</b>							\$9,886,161	\$9,886,161	\$0	

STATEWIDE BRIDGE REPL. / REHAB PROGRAM

<b>BR-OFF System</b>										
2014	604429	STATEWIDE	STATEWIDE	PELHAM- BRIDGE REPLACEMENTS, P-04-006, MEETINGHOUSE ROAD OVER AMETHYST BROOK & P-04-007, MEETINGHOUSE ROAD OVER HARRIS BROOK	NA	BR-OFF System	\$1,846,800	\$1,846,800	\$0	
2014	605935	STATEWIDE	STATEWIDE	WILLIAMSTOWN- BRIDGE REPLACEMENT, W-37-009, HOPPER ROAD OVER GREEN RIVER	NA	BR-OFF System	\$3,348,000	\$3,348,000	\$0	
2014	607114	STATEWIDE	STATEWIDE	LANCASTER- FULL BRIDGE REPLACEMENT, L-02-018, JACKSON ROAD OVER ROUTE 2	NA	BR-OFF System	\$4,144,608	\$4,144,608	\$0	
2014	606706	STATEWIDE	STATEWIDE	PITTSFIELD- BRIDGE REPLACEMENT, P-10-010, WOODLAWN AVE OVER CSX RR	NA	BR-OFF System	\$4,594,259	\$4,594,259	\$0	
<b>BR-OFF SYSTEM Subtotal</b>							\$13,933,667	\$13,933,667	\$0	
<b>BR-ON System</b>										
2014	605895	STATEWIDE	STATEWIDE	BELLINGHAM- BRIDGE DEMOLITION, B-06-011, ROUTE 126 OVER CSX RAILROAD (ABANDONED) & INSTALLATION OF BIKE PATH CULVERT	NA	BR-ON System	\$1,705,200	\$1,705,200	\$0	
2014	604428	STATEWIDE	STATEWIDE	CHELSEA- BRIDGE REPLACEMENT, C-09-001, WASHINGTON AVENUE OVER THE MBTA AND B&M RAILROAD	NA	BR-ON System	\$4,581,284	\$4,581,284	\$0	
2014	604796	STATEWIDE	STATEWIDE	DEDHAM- BRIDGE REPLACEMENT, D-05-033, PROVIDENCE HIGHWAY OVER MOTHER BROOK	NA	BR-ON System	\$5,859,000	\$5,859,000	\$0	
2014	607338	STATEWIDE	STATEWIDE	GLOUCESTER- BRIDGE PRESERVATION, G-05-017, ROUTE 128 OVER ANNISQUAM RIVER (PHASE II)	NA	BR-ON System	\$8,450,000	\$8,450,000	\$0	



YR	MassDOT Project ID	MPO	Municipality Name	MassDOT Project Description	District	Funding Source	Total Programmed Funds	Federal Funds	Non-Federal Funds	Additional Information	
<b>STATEWIDE HSIP PROGRAM</b>											
	▶	<b>HSIP</b>									
2014	604964	STATEWIDE	STATEWIDE	Lowell- Signal & Intersection Improvements At Vfw Highway, Bridge Street & Lakeview Avenue	NA	HSIP	\$1,000,000	\$1,000,000	\$0		
2014	605668	STATEWIDE	STATEWIDE	Raynham- Signal And Intersection Improvement @ Route 44 (New State Highway), Orchard Street And Route 24 NB - Off Ramp	NA	HSIP	\$1,000,000	\$1,000,000	\$0		
2014	605906	STATEWIDE	STATEWIDE	District 5- Median Delineation Replacement On Route 6. From Dennis T.L To Orleans T.L	NA	HSIP	\$1,000,000	\$1,000,000	\$0		
2014	606733	STATEWIDE	STATEWIDE	Attleboro- Ramp Reconstruction And Realignment From Route I-95 Sb To Route I-295 Sb	NA	HSIP	\$1,000,000	\$1,000,000	\$0		
2014	607071	STATEWIDE	STATEWIDE	Statewide- Implementation (Phase II) Of The Flashing Yellow Arrow At Signalized Intersections--One Of The FHWA Nine Proven Countermeasures	NA	HSIP	\$2,000,000	\$2,000,000	\$0		
2014	605833	STATEWIDE	STATEWIDE	West Springfield to Barnardston -- Traffic Sign Replacement on Interstate 91 (AC YR 1 of 2)	NA	HSIP	\$3,111,000	\$3,111,000	\$0		
2014	607491	STATEWIDE	STATEWIDE	Statewide- Various Safety Strategies To Be Determined Based On 2013 SHSP And Updates	NA	HSIP	\$6,000,000	\$6,000,000	\$0		
							<b>HSIP Subtotal</b>	\$15,111,000	\$0		
							<b>STATEWIDE HSIP PROGRAM TOTALS</b>	\$15,111,000	\$15,111,000	\$0	

<b>STATEWIDE INTERSTATE MAINTENANCE PROGRAM</b>											
	▶	<b>NHPP</b>									
2014	606173	STATEWIDE	STATEWIDE	BERNARDSTON - INTERSTATE MAINTENANCE RESURFACING AND RELATED WORK	NA	NHPP	\$6,372,000	\$6,372,000	\$0		
2014	606171	STATEWIDE	STATEWIDE	SHARON WALPOLE - INTERSTATE RESURFACING AND RELATED WORK ON I-95	NA	NHPP	\$9,912,000	\$9,912,000	\$0		
2014	606172	STATEWIDE	STATEWIDE	NEW BEDFORD - FAIRHAVEN - INTERSTATE MAINTENANCE RESURFACING AND RELATED WORK ON I-195	NA	NHPP	\$9,912,000	\$9,912,000	\$0		
2014	606174	STATEWIDE	STATEWIDE	CHELMSFORD - INTERSTATE MAINTENANCE RESURFACING AND RELATED WORK	NA	NHPP	\$12,489,120	\$12,489,120	\$0		
2014	606582	STATEWIDE	STATEWIDE	EASTHAMPTON NORTHAMPTON - INTERSTATE MAINTENANCE AND RELATED WORK ON I-91	NA	NHPP	\$13,334,000	\$13,334,000	\$0		
							<b>NHPP Subtotal</b>	\$52,019,120	\$0		
							<b>STATEWIDE INTERSTATE MAINTENANCE PROGRAM TOTALS</b>	\$52,019,120	\$52,019,120	\$0	



YR	MassDOT Project ID	MPO	Municipality Name	MassDOT Project Description	District	Funding Source	Total Programmed Funds	Federal Funds	Non-Federal Funds	Additional Information
<b>▶ STATEWIDE SAFE ROUTES TO SCHOOLS PROGRAM</b>										
<b>▶ SRTS</b>										
2014	0	STATEWIDE	STATEWIDE	SRTS - Education	NA	SRTS	\$824,607	\$824,607	\$0	
							<b>SRTS Subtotal</b>	\$824,607	\$0	
<b>▶ STP-TE</b>										
2014	605144	STATEWIDE	AMHERST	Amherst-Norhampton-Southampton-West Brookfield Sidewalk & Wheelchair Ramp Construction on Routes 5, 9 and 10	2	STP-TE	\$1,600,000	\$1,280,000	\$320,000	
2014	606636	STATEWIDE	ATHOL	Athol- Scenic Byway/Access & Overlook Construction.	2	STP-TE	\$72,800	\$58,240	\$14,560	Total Cost = \$72,800 Adjusted for YOE by 4%; Non Adjusted Total Cost = \$70,000; TEC 4.48 of 18; Landscape & Roadside Development; Prelim Design;
2014	604532	STATEWIDE	ACTION	Acton- Carlisle- Westford- Bruce Freeman Rail Trail (Phase II-A)	3	STP-TE	\$11,090,000	\$8,872,000	\$2,218,000	Total Project Cost now \$11,090,008.75 Additional funds to cover cost overrun will be CMAQ
2014	606669	STATEWIDE	AMESBURY	Amesbury- Powwow Riverwalk Construction, From Main Street To Water Street, includes Ped Bridge A-07-034 (Phase I)	4	STP-TE	\$1,058,089	\$846,471	\$211,618	Total Project Cost = \$1,800,000 in 2012 dollars; = 1,944,000 in 2014 dollars. BY 2014 CMAQ + FY 2014 TE (STP) (Construction) TEC = 5.42 out of 18. (C)
2014	605720	STATEWIDE	HAVERHILL	Haverhill- Riverwalk Construction (Bradford Section) From Route 125 To County Road	4	STP-TE	\$2,410,718	\$1,928,574	\$482,144	(Construction) TEC = 5.32 out of 18. (C)
							<b>STP-TE Subtotal</b>	\$12,985,285	\$3,246,322	
<b>▶ STP-TE -AC</b>										
2014	605181	STATEWIDE	METHUEN	Methuen- Interchange Reconstruction On I-93 At Route 110/113 Rotary, including Removal Of M-17-017 & M-17-018, Rehab Of M-17-007 & New Bridge Construction Of M-17-040	4	STP-TE -AC	\$458,334	\$366,667	\$91,667	Total Project Cost = \$59,892,000 FY 2013, 2014 & 2015 Statewide CMAQ & TE + 2013 HPP #2434 (2005) + 2013 IM (2010 Discretionary) + FY 2013 and FY 2015 STP, CMAQ & HSIP + FY 2014 STP + HSIP (Construction). TEC = 9.63 out of 18. (C)
							<b>STP-TE -AC Subtotal</b>	\$458,334	\$91,667	
<b>▶ TAP</b>										
2014	607452	STATEWIDE	SPRINGFIELD	Springfield - Safe Routes To School (Alice Beal)	2	TAP	\$388,750	\$311,000	\$77,750	
2014	607447	STATEWIDE	MALDEN	Malden- Safe Routes To School (Beebe)	4	TAP	\$577,500	\$462,000	\$115,500	
2014	607441	STATEWIDE	MANCHESTER-BY-THE-SEA	Manchester- Safe Routes To School (Memorial Elementary)	5	TAP	\$625,000	\$500,000	\$125,000	



2014

YR	MassDOT Project ID	MPO	Municipality Name	MassDOT Project Description	District	Funding Source	Total Programmed Funds	Federal Funds	Non-Federal Funds	Additional Information
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**Total Federal Funds**    **Total Non-Federal Fund**    **Total Programmed Funds**

\$349,016,576.75

\$3,913,668.00

\$313,413,997.00





STATE TRANSPORTATION IMPROVEMENT PROGRAM FOR FY YEAR = 2015

2015

YR	MassDOT Project ID	MPO	Municipality Name	MassDOT Project Description	District	Funding Source	Total Programmed Funds	Federal Funds	Non-Federal Funds	Additional Information	
<b>FA BRIDGE PRESERVATION</b>											
2015	607510	STATEWIDE	SANDISFIELD	SANDISFIELD- SYSTEMATIC BRIDGE MAINTENANCE, S-03-033, ROUTE 8 (S. MAIN ST.) OVER W. BRANCH FARMINGTON RIVER (PHASE II)	NA	FA	\$309,920	\$298,000	\$0		
2015	607515	STATEWIDE	STATEWIDE	DISTRICT 2- SYSTEMATIC BRIDGE MAINTENANCE AT VARIOUS LOCATIONS (2015)	NA	FA	\$1,849,536	\$1,778,400	\$0		
2015	607497	STATEWIDE	STATEWIDE	DISTRICT 6- SYSTEMATIC BRIDGE MAINTENANCE ON I-93/US-1/ST 3	NA	FA	\$1,863,701	\$1,792,020	\$0		
2015	607509	STATEWIDE	STATEWIDE	BRIDGE CLEANING ALONG I-495, RTE. 25, RTE. 6 AND RTE. 28	NA	FA	\$1,899,976	\$1,826,900	\$0		
2015	607505	STATEWIDE	STATEWIDE	SUB-STRUCTURE REPAIRS ON I-93 AND I-495 CORRIDOR BRIDGES IN DISTRICT 4	NA	FA	\$2,469,792	\$2,374,800	\$0		
2015	607518	STATEWIDE	WORCESTER	Project Description (brief): WORCESTER-FEDERAL AID SYSTEMATIC MAINTENANCE, BRIDGE JOINTS, DECK REPAIRS, PRESSURE WASHING AND RELATED WORK, I-190 OVER RT. 12 AND RAMP B; BRIDGE NO. W-44-124 (XFX) NORTHBOUND	NA	FA	\$1,521,624	\$1,463,100	\$0		
							<b>FA Subtotal</b>	\$9,914,549	\$0		
							<b>FA BRIDGE PRESERVATION TOTALS</b>	\$9,914,549	\$9,533,220	\$0	

<b>STATEWIDE ADA IMPLEMENTATION PLAN</b>										
<b>STP-TE</b>										
2015	607033	STATEWIDE	STATEWIDE	DISTRICT 5- ADA RETROFITS AT VARIOUS LOCATIONS	NA	STP-TE	\$1,980,000	\$1,903,846	\$0	
2015	607032	STATEWIDE	STATEWIDE	DISTRICT 4- ADA RETROFITS AT VARIOUS LOCATIONS	NA	STP-TE	\$2,020,000	\$1,942,308	\$0	
							<b>STP-TE Subtotal</b>	\$4,000,000	\$0	
							<b>STATEWIDE ADA IMPLEMENTATION PLAN TOTALS</b>	\$4,000,000	\$3,846,154	\$0

<b>STATEWIDE BRIDGE REPL. / REHAB PROGRAM</b>										
<b>BR-OFF System</b>										
2015	606372	STATEWIDE	STATEWIDE	WAREHAM- BRIDGE REPLACEMENT, W-06-002, PAPER MILL ROAD OVER WEWEANTIC RIVER	NA	BR-OFF System	\$1,637,319	\$1,574,346	\$0	



2015

YR	MassDOT Project ID	MPO	Municipality Name	MassDOT Project Description	District	Funding Source	Total Programmed Funds	Federal Funds	Non-Federal Funds	Additional Information
2015	603682	STATEWIDE	STATEWIDE	AMESBURY- BRIDGE REPLACEMENT, A-07-026, ROUTE I-495 (NB & SB) OVER THE BIKEWAY (ABANDONED B&M RR LINE)	NA	BR-ON System	\$11,288,692	\$10,854,512	\$0	
2015	600703	STATEWIDE	STATEWIDE	LEXINGTON- BRIDGE REPLACEMENT, L-10-009, ROUTE 2 (EB & WB) OVER ROUTE I-95 (ROUTE 128)	NA	BR-ON System	\$13,200,000	\$13,200,000	\$0	
2015	602932	STATEWIDE	STATEWIDE	LOWELL- BRIDGE REPLACEMENT, L-15-058, VFW HIGHWAY OVER BEAVER BROOK	NA	BR-ON System	\$14,147,596	\$13,603,458	\$0	
<b>BR-ON SYSTEM Subtotal</b>							\$103,499,962	\$101,081,101	\$0	
<b>STATEWIDE BRIDGE REPL. / REHAB PROGRAM TOTALS</b>							\$134,749,774	\$131,260,998	\$0	
<b>STATEWIDE CMAQ</b>										
<b>Statewide CMAQ</b>										
2015	604531	STATEWIDE	STATEWIDE	ACTON- MAYNARD- ASSABET RIVER RAIL TRAIL CONSTRUCTION, INCLUDES 2 BRIDGES	4	Statewide CMAQ	\$4,714,428	\$4,533,104	\$0	
2015	605181	STATEWIDE	STATEWIDE	METHUEN- INTERCHANGE RECONSTRUCTION I-93 AT ROUTE 110/113 ROTARY, INCLUDING REMOVAL OF M-17-017 & M-17-018, REHAB OF M-17-007 & NEW BRIDGE CONSTRUCTION OF M-17-040	4	Statewide CMAQ	\$23,808,000	\$59,892,000	\$0	
2015	0	STATEWIDE	STATEWIDE	Truck Stop Electrification	NA	Statewide CMAQ	\$500,000	\$0	\$0	
2015	0	STATEWIDE	STATEWIDE	Vanpools	NA	Statewide CMAQ	\$562,000	\$0	\$0	
2015	0	STATEWIDE	STATEWIDE	MassRides -- Travel Options Program	NA	Statewide CMAQ	\$2,689,512	\$0	\$0	
<b>STATEWIDE CMAQ Subtotal</b>							\$32,273,940	\$64,425,104	\$0	
<b>STATEWIDE CMAQ TOTALS</b>							\$32,273,940	\$64,425,104	\$0	
<b>STATEWIDE HSIP PROGRAM</b>										
<b>HSIP</b>										
2015	606619	STATEWIDE	STATEWIDE	District 1 to 3- West Stockbridge to Auburn I-90 Traffic Sign Replacement	NA	HSIP	\$0	\$0	\$0	
2015	606712	STATEWIDE	STATEWIDE	District 3- Millbury to Boston I-90 traffic Sign Replacement	NA	HSIP	\$0	\$0	\$0	
2015	607072	STATEWIDE	STATEWIDE	Statewide- Implementation (Phase III) Of The Flashing Yellow Arrow At Signalized Intersections--One Of The FHWA Nine Proven Countermeasures	NA	HSIP	\$1,500,000	\$1,440,000	\$0	
2015	605833	STATEWIDE	STATEWIDE	West Springfield to Bernardston -- Traffic Sign Replacement on Interstate 91 (AC VR 2 of 2)	NA	HSIP	\$3,635,480	\$3,635,480	\$0	
2015	607492	STATEWIDE	STATEWIDE	Statewide- Various Safety Strategies To Be Determined Based On 2013 SHSP And Updates	NA	HSIP	\$7,308,986	\$7,016,627	\$0	
<b>HSIP Subtotal</b>							\$12,444,466	\$12,092,107	\$0	



YR	MassDOT Project ID	MPO	Municipality Name	MassDOT Project Description	District	Funding Source	Total Programmed Funds	Federal Funds	Non-Federal Funds	Additional Information
2015	606940	STATEWIDE	STATEWIDE	Highway Assistance Patrols - area 2 - year 1	NA	STP-Flex	\$500,000	\$480,769	\$0	
2015	606941	STATEWIDE	STATEWIDE	Highway Assistance Patrols - area 3 - year 1	NA	STP-Flex	\$500,000	\$480,769	\$0	
2015	606942	STATEWIDE	STATEWIDE	Highway Assistance Patrols - area 4 - year 1	NA	STP-Flex	\$500,000	\$480,769	\$0	
2015	606943	STATEWIDE	STATEWIDE	Highway Assistance Patrols - area 5 - year 1	NA	STP-Flex	\$500,000	\$480,769	\$0	
2015	606916	STATEWIDE	STATEWIDE	HOC Operating and Maintenance Expenses	NA	STP-Flex	\$884,000	\$850,000	\$0	
<b>STP-FLEX Subtotal</b>							\$4,170,400	\$4,009,999	\$0	
<b>STATEWIDE ITS TOTALS</b>							\$12,670,160	\$12,221,306	\$0	

**STATEWIDE NHS PRESERVATION PROGRAM**

YR	MassDOT Project ID	MPO	Municipality Name	MassDOT Project Description	District	Funding Source	Total Programmed Funds	Federal Funds	Non-Federal Funds	Additional Information
<b>NHPP</b>										
2015	606544	STATEWIDE	STATEWIDE	LENOX - PITTSFIELD RESURFACING AND RELATED WORK ROUTE 7	NA	NHPP	\$2,650,752	\$2,548,800	\$0	
2015	605887	STATEWIDE	STATEWIDE	SHEFFIELD - GREAT BARRINGTON - RESURFACING AND RELATED WORK ON US RT. 7	NA	NHPP	\$6,215,090	\$5,976,048	\$0	
2015	607174	STATEWIDE	STATEWIDE	CHELSEA - REVERE - RESURFACING AND RELATED WORK ON ROUTE 1	NA	NHPP	\$8,643,660	\$8,311,212	\$0	
<b>NHPP Subtotal</b>							\$17,509,502	\$16,836,060	\$0	
<b>STATEWIDE NHS PRESERVATION PROGRAM TOTALS</b>							\$17,509,502	\$16,836,060	\$0	

**STATEWIDE SAFE ROUTES TO SCHOOLS PROGRAM**

YR	MassDOT Project ID	MPO	Municipality Name	MassDOT Project Description	District	Funding Source	Total Programmed Funds	Federal Funds	Non-Federal Funds	Additional Information
<b>SRTS</b>										
2015	0	STATEWIDE	STATEWIDE	SRTS - Education	NA	SRTS	\$863,268	\$863,268	\$0	
<b>SRTS Subtotal</b>							\$863,268	\$863,268	\$0	
<b>TAP</b>										
2015	607254	STATEWIDE	NORTH ADAMS	North Adams/ Williamstown - Mohawk Bike Trail Project	1	TAP	\$4,717,440	\$3,773,952	\$943,488	Construction, YOE 8%
2015	606891	STATEWIDE	PITTSFIELD	Pittsfield - Ashwilletook Rail Trail Extension To Crane Avenue	1	TAP	\$2,021,760	\$1,617,408	\$404,352	
2015	607453	STATEWIDE	SOUTHAMPTON	Southampton - Safe Routes To School (Morris Elementary)	2	TAP	\$531,250	\$425,000	\$106,250	
2015	0	STATEWIDE	FITCHBURG	Fitchburg - Safe Routes To School (South Street Elementary)	3	TAP	\$540,000	\$432,000	\$108,000	Safe Routes to School SRTS funding is TAP Flex and requires a 20% state match. PRC approval TBD



2015

YR	MassDOT Project ID	MPO	Municipality Name	MassDOT Project Description	District	Funding Source	Total Programmed Funds	Federal Funds	Non-Federal Funds	Additional Information
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**Total Federal Funds    Total Non-Federal Fund    Total Programmed Funds**

\$326,315,187.40

\$3,296,910.00

\$305,441,512.00



STATE TRANSPORTATION IMPROVEMENT PROGRAM FOR FY YEAR = 2016

2016

YR	MassDOT Project ID	MPO	Municipality Name	MassDOT Project Description	District	Funding Source	Total Programmed Funds	Federal Funds	Non-Federal Funds	Additional Information
<b>FA BRIDGE PRESERVATION</b>										
2016	607506	STATEWIDE	CHELMSFORD	CHELMSFORD - BRIDGE DECK REPLACEMENT BRIDGE NO. C-08-037 (2K7), ST 4 NORTH STREET OVER I-495	NA	FA	\$2,469,917	\$2,286,960	\$0	
2016	607511	STATEWIDE	DALTON	DALTON- SYSTEMATIC BRIDGE MAINTENANCE; D-01-005, ROUTE 8 (MAIN ST.) OVER EAST BRANCH HOUSATONIC RIVER	NA	FA	\$309,960	\$287,000	\$0	
2016	607519	STATEWIDE	STATEWIDE	WORCESTER-FEDERAL AID SYSTEMATIC MAINTENANCE; BRIDGE JOINTS; DECK REPAIRS; PRESSURE WASHING AND RELATED WORK; 190 OVER RT. 12 NB AND RAMP B; BRIDGE NO. W-44-124 (1XG)	NA	FA	\$1,519,992	\$1,407,400	\$0	
2016	607516	STATEWIDE	STATEWIDE	DISTRICT 2- SYSTEMATIC BRIDGE MAINTENANCE AT VARIOUS LOCATIONS (2016)	NA	FA	\$1,849,978	\$1,712,942	\$0	
2016	607498	STATEWIDE	STATEWIDE	DISTRICT 6- SYSTEMATIC BRIDGE MAINTENANCE ON SR 3 FOR (2016)	NA	FA	\$1,882,958	\$1,743,480	\$0	
2016	607513	STATEWIDE	STATEWIDE	BRIDGE CLEANING ALONG THE I-95 AND I-195 CORRIDOR	NA	FA	\$1,899,989	\$1,759,249	\$0	
							<b>FA Subtotal</b>	\$9,932,794	\$0	
							<b>FA BRIDGE PRESERVATION TOTALS</b>	\$9,932,794	\$0	
<b>STATEWIDE ADA IMPLEMENTATION PLAN</b>										
<b>STP-Flex</b>										
2016	607035	STATEWIDE	STATEWIDE	DISTRICT 1- ADA RETROFITS AT VARIOUS LOCATIONS	NA	STP-Flex	\$340,000	\$314,815	\$0	
2016	607036	STATEWIDE	STATEWIDE	DISTRICT 2- ADA RETROFITS AT VARIOUS LOCATIONS	NA	STP-Flex	\$740,000	\$685,185	\$0	
2016	607038	STATEWIDE	STATEWIDE	DISTRICT 3- ADA RETROFITS AT VARIOUS LOCATIONS	NA	STP-Flex	\$1,280,000	\$1,185,185	\$0	
2016	607042	STATEWIDE	STATEWIDE	DISTRICT 6- ADA RETROFITS AT VARIOUS LOCATIONS	NA	STP-Flex	\$1,640,000	\$1,518,519	\$0	
							<b>STP-FLEX Subtotal</b>	\$4,000,000	\$0	
							<b>STATEWIDE ADA IMPLEMENTATION PLAN TOTALS</b>	\$4,000,000	\$0	



YR	MassDOT Project ID	MPO	Municipality Name	MassDOT Project Description	District	Funding Source	Total Programmed Funds	Federal Funds	Non-Federal Funds	Additional Information
<b>STATEWIDE BRIDGE REPL. / REHAB PROGRAM TOTALS</b>										
							\$81,999,993	\$78,388,741	\$0	
<b>STATEWIDE CMAQ</b>										
<b>Statewide CMAQ</b>										
2016	602911	STATEWIDE	STATEWIDE	CHICOPEE- CONNECTICUT RIVERWALK & BIKEWAY CONSTRUCTION, FROM BOAT RAMP NEAR I-90 TO NASH FIELD (2.5 MILES)	2	Statewide CMAQ	\$1,212,762	\$1,122,928	\$0	
2016	605066	STATEWIDE	STATEWIDE	NORTHAMPTON- INTERSECTION IMPROVEMENTS AT PLEASANT STREET (STATE ROUTE 5) AND CONZ STREET	2	Statewide CMAQ	\$1,466,254	\$1,357,643	\$0	
2016	606450	STATEWIDE	STATEWIDE	HOLYOKE- TRAFFIC SIGNAL UPGRADES AT 15 INTERSECTIONS ALONG HIGH & MAPLE STREETS	2	Statewide CMAQ	\$1,625,054	\$1,504,680	\$0	
2016	603477	STATEWIDE	STATEWIDE	SOUTHWICK- INTERSECTION IMPROVEMENTS AT FOUR LOCATIONS ON ROUTE 57 (FEEDING HILLS ROAD)	2	Statewide CMAQ	\$2,332,800	\$2,160,000	\$0	
2016	606555	STATEWIDE	STATEWIDE	NORTHAMPTON- ROUNDABOUT CONSTRUCTION AT INTERSECTION ROUTES 5/10 (NORTH KING STREET) & HATHFIELD STREET	2	Statewide CMAQ	\$3,150,360	\$2,917,000	\$0	
2016	602462	STATEWIDE	STATEWIDE	HOLLISTON- SIGNAL INSTALLATION AT ROUTE 16/126 AND OAK STREET	3	Statewide CMAQ	\$1,080,000	\$1,000,000	\$0	
2016	603251	STATEWIDE	STATEWIDE	WORCESTER- SIGNAL & INTERSECTION IMPROVEMENTS @ HOLDEN STREET, DRUMMOND AVENUE & SHORE DRIVE	3	Statewide CMAQ	\$1,134,002	\$1,050,002	\$0	
2016	601579	STATEWIDE	STATEWIDE	WAYLAND- SIGNAL & INTERSECTION IMPROVEMENTS AT ROUTE 27 (MAIN STREET) AND ROUTE 30 (COMMONWEALTH ROAD)	3	Statewide CMAQ	\$1,980,616	\$1,833,904	\$0	
2016	606026	STATEWIDE	STATEWIDE	DISTRICT 4- TRAFFIC SIGNAL REPLACEMENT & FIBER-OPTIC LED CONVERSION AT VARIOUS LOCATIONS	4	Statewide CMAQ	\$1,151,788	\$1,066,470	\$0	
2016	602165	STATEWIDE	STATEWIDE	STONEHAM- SIGNAL & INTERSECTION IMPROVEMENTS AT ROUTE 28/NORTH STREET	4	Statewide CMAQ	\$3,394,073	\$3,142,660	\$0	
2016	605181	STATEWIDE	STATEWIDE	METHUEN- INTERCHANGE RECONSTRUCTION ON I-93 AT ROUTE 110/113 ROTARY, INCLUDING REMOVAL OF M-17-017 & M-17-018; REHAB OF M-17-007 & NEW BRIDGE CONSTRUCTION OF M-17-040	4	Statewide CMAQ	\$3,499,178	\$59,892,000	\$0	
2016	605189	STATEWIDE	STATEWIDE	CONCORD- BRUCE FREEMAN RAIL TRAIL CONSTRUCTION, FROM COMMONWEALTH AVENUE TO POWDER MILL ROAD, INCLUDES 2 RAILROAD BRIDGES & 1 CULVERT (PHASE II-C)	4	Statewide CMAQ	\$5,975,191	\$5,532,584	\$0	
2016	605367	STATEWIDE	STATEWIDE	TAUNTON- INTERSECTION IMPROVEMENTS AT THE HON. GORDON M. OWEN RIVERWAY & WILLIAMS STREET	5	Statewide CMAQ	\$1,620,000	\$1,500,000	\$0	
2016	605679	STATEWIDE	STATEWIDE	TAUNTON- INTERSECTION IMPROVEMENTS @ ROUTE 140 (COUNTY STREET) & HART STREET	5	Statewide CMAQ	\$1,815,134	\$1,680,680	\$0	
2016	606107	STATEWIDE	STATEWIDE	DISTRICT 6- SCHEDULED & EMERGENCY TRAFFIC SIGNAL REPAIRS AT VARIOUS LOCATIONS	6	Statewide CMAQ	\$605,102	\$560,280	\$0	
2016	606316	STATEWIDE	STATEWIDE	BROOKLINE- PEDESTRIAN BRIDGE REHABILITATION, B-27-016, OVER MBTA OFF CARLTON STREET	NA	Statewide CMAQ	\$2,071,988	\$1,918,508	\$0	
2016	0	STATEWIDE	STATEWIDE	MassRides -- Travel Options Program	NA	Statewide CMAQ	\$2,762,128	\$0	\$0	
2016	607254	STATEWIDE	STATEWIDE	NORTH ADAMS-WILLIAMSTOWN - MOHAWK BICYCLE/PEDESTRIAN TRAIL	NA	Statewide CMAQ	\$4,898,880	\$4,536,000	\$0	



YR	MassDOT Project ID	MPO	Municipality Name	MassDOT Project Description	District	Funding Source	Total Programmed Funds	Federal Funds	Non-Federal Funds	Additional Information
2016	607485	STATEWIDE	STATEWIDE	Statewide- ITS Real Time Traffic Monitoring (RTTM) System Expansion	NA	CMAQ	\$1,080,000	\$1,000,000	\$0	
2016	607424	STATEWIDE	STATEWIDE	Statewide- ITS Advanced Transportation Management System (ATMS) software (AC Year 2 of 2)	NA	CMAQ	\$1,566,000	\$1,566,000	\$0	
2016	606938	STATEWIDE	STATEWIDE	Statewide- ITS Deploy Critical Infrastructure Surveillance	NA	CMAQ	\$1,750,000	\$1,620,370	\$0	
2016	606936	STATEWIDE	STATEWIDE	Statewide- ITS Expansion of CCTV, VMS, & Traffic Sensor Network	NA	CMAQ	\$4,104,000	\$3,800,000	\$0	
<b>▶ STP-Flex</b>										
2016	606944	STATEWIDE	STATEWIDE	Highway Assistance Patrols - area 6 - year 2	NA	STP-Flex	\$100,000	\$92,593	\$0	
2016	606932	STATEWIDE	STATEWIDE	HOV Operating Expenses for two years (Year 2)	NA	STP-Flex	\$200,000	\$185,185	\$0	
2016	606930	STATEWIDE	STATEWIDE	HOV Lane Tow Truck Services for 2 years (Year 2)	NA	STP-Flex	\$350,000	\$324,074	\$0	
2016	606942	STATEWIDE	STATEWIDE	Highway Assistance Patrols - area 4 - year 2	NA	STP-Flex	\$400,000	\$370,370	\$0	
2016	606943	STATEWIDE	STATEWIDE	Highway Assistance Patrols - area 5 - year 2	NA	STP-Flex	\$400,000	\$370,370	\$0	
2016	606939	STATEWIDE	STATEWIDE	Highway Assistance Patrols - area 1 - year 2	NA	STP-Flex	\$450,000	\$416,667	\$0	
2016	606940	STATEWIDE	STATEWIDE	Highway Assistance Patrols - area 2 - year 2	NA	STP-Flex	\$450,000	\$416,667	\$0	
2016	606941	STATEWIDE	STATEWIDE	Highway Assistance Patrols - area 3 - year 2	NA	STP-Flex	\$450,000	\$416,667	\$0	
2016	606931	STATEWIDE	STATEWIDE	HOV lane BTV Operator Contract, 2 year contract (year 2)	NA	STP-Flex	\$800,000	\$740,741	\$0	
<b>▶ STP-FLEX Subtotal</b>							\$3,600,000	\$3,333,334	\$0	
<b>STATEWIDE ITS TOTALS</b>							\$13,100,000	\$12,245,630	\$0	
<b>▶ STATEWIDE NHS PRESERVATION PROGRAM</b>										
<b>▶ NHPP</b>										
2016	607473	STATEWIDE	STATEWIDE	WEST BROOKFIELD-BROOKFIELD RESURFACING AND RELATED WORK ON RT 9	NA	NHPP	\$1,994,181	\$1,846,464	\$0	
2016	607175	STATEWIDE	STATEWIDE	PLYMOUTH - RESURFACING AND RELATED WORK ON ROUTE 3	NA	NHPP	\$11,310,173	\$10,472,382	\$0	
2016	607176	STATEWIDE	STATEWIDE	SHREWSBURY - WESTBOROUGH RESURFACING AND RELATED WORK ON ROUTE 9	NA	NHPP	\$13,392,086	\$12,400,080	\$0	
<b>NHPP Subtotal</b>							\$26,696,440	\$24,718,926	\$0	
<b>STATEWIDE NHS PRESERVATION PROGRAM TOTALS</b>							\$26,696,440	\$24,718,926	\$0	



2016

YR	MassDOT Project ID	MPO	Municipality Name	MassDOT Project Description	District	Funding Source	Total Programmed Funds	Federal Funds	Non-Federal Funds	Additional Information	
						STATEWIDE STORMWATER RETROFITS	\$5,020,000	\$4,648,148	\$0		
<b>TOTALS</b>								<b>\$287,390,846</b>	<b>\$305,332,377</b>	<b>\$3,362,135</b>	
							YEAR 2016				





STATE TRANSPORTATION IMPROVEMENT PROGRAM FOR FY YEAR = 2017

2017

YR	MassDOT Project ID	MPO	Municipality Name	MassDOT Project Description	District	Funding Source	Total Programmed Funds	Federal Funds	Non-Federal Funds	Additional Information	
<b>FA BRIDGE PRESERVATION</b>											
2017	607512	STATEWIDE	NORTH ADAMS	NORTH ADAMS - SYSTEMATIC BRIDGE MAINTENANCE, N-14-019, ROUTE 8A (HODGES CROSS RD.) OVER SOUTH BRANCH HOOSIC RIVER	NA	FA	\$309,994	\$276,780	\$0		
2017	606075	STATEWIDE	OXFORD	OXFORD-STRUCTURAL STEEL CLEANING AND PAINTING AND OTHER RELATED WORK; BRIDGE NO. O-06-036 I-395 OVER DANA ROAD AND BRIDGE NO. O-06-037 I-395 SB OVER FEDERAL HILL ROAD	NA	FA	\$1,519,954	\$1,357,102	\$0		
2017	607517	STATEWIDE	STATEWIDE	DISTRICT 2 - SYSTEMATIC BRIDGE MAINTENANCE AT VARIOUS LOCATIONS (2017)	NA	FA	\$1,849,963	\$1,651,753	\$0		
2017	607499	STATEWIDE	STATEWIDE	DISTRICT 6 - SYSTEMATIC BRIDGE MAINTENANCE ON SR 3	NA	FA	\$1,874,880	\$1,674,000	\$0		
2017	607514	STATEWIDE	STATEWIDE	BRIDGE CLEANING ALONG THE RTE. 24 AND RTE. 3 CORRIDORS	NA	FA	\$1,899,990	\$1,696,420	\$0		
2017	607507	STATEWIDE	WAKEFIELD	WAKEFIELD - BRIDGE DECK REPLACEMENT, BRIDGE NO. W-01-021, (ZMF), HOPKINS STREET OVER I-95 / ST-128	NA	FA	\$2,469,936	\$2,205,300	\$0		
							<b>FA Subtotal</b>	\$9,924,717	\$8,861,354	\$0	
							<b>FA BRIDGE PRESERVATION TOTALS</b>	\$9,924,717	\$8,861,354	\$0	

STATEWIDE ADA IMPLEMENTATION PLAN

YR	MassDOT Project ID	MPO	Municipality Name	MassDOT Project Description	District	Funding Source	Total Programmed Funds	Federal Funds	Non-Federal Funds	Additional Information
<b>STP-Flex</b>										
2017	607041	STATEWIDE	STATEWIDE	DISTRICT 5 - ADA RETROFITS AT VARIOUS LOCATIONS	NA	STP-Flex	\$1,989,000	\$1,775,893	\$0	
2017	607039	STATEWIDE	STATEWIDE	DISTRICT 4 - ADA RETROFITS AT VARIOUS LOCATIONS	NA	STP-Flex	\$2,020,000	\$1,803,571	\$0	
							<b>STP-FLEX Subtotal</b>	\$4,009,000	\$3,579,464	\$0
							<b>STATEWIDE ADA IMPLEMENTATION PLAN TOTALS</b>	\$4,009,000	\$3,579,464	\$0

STATEWIDE BRIDGE REPL. / REHAB PROGRAM

YR	MassDOT Project ID	MPO	Municipality Name	MassDOT Project Description	District	Funding Source	Total Programmed Funds	Federal Funds	Non-Federal Funds	Additional Information
<b>BR-Off System</b>										
2017	0	STATEWIDE	STATEWIDE	TEWKSBURY - BRIDGE REPLACEMENT, T-03-003, MILL STREET OVER SHAWSHEEN RIVER	NA	BR-Off System	\$1,167,284	\$1,042,218	\$0	



YR	MassDOT Project ID	MPO	Municipality Name	MassDOT Project Description	District	Funding Source	Total Programmed Funds	Federal Funds	Non-Federal Funds	Additional Information
<b>STATEWIDE CMAQ</b>										
<b>Statewide CMAQ</b>										
2017	0	STATEWIDE	STATEWIDE	LEE - BIKEWAY	1	Statewide CMAQ	\$3,360,000	\$3,000,000	\$0	
2017	602929	STATEWIDE	STATEWIDE	HOLLISTON- MULTI-USE TRAIL CONSTRUCTION ON A SECTION OF THE UPPER CHARLES RAIL (2 MILES OF PROPOSED 27 MILES - PHASE I)	3	Statewide CMAQ	\$2,428,563	\$2,168,360	\$0	
2017	605020	STATEWIDE	STATEWIDE	BOXFORD- GEORGETOWN- NEWBURY- SALISBURY- MULTI-USE TRAIL EXTENSION (BORDERS TO BOSTON TRAIL)	4	Statewide CMAQ	\$3,850,000	\$3,850,000	\$0	
2017	606223	STATEWIDE	STATEWIDE	ACTION- CONCORD- BRUCE FREEMAN RAIL TRAIL CONSTRUCTION (PHASE II-B)	4	Statewide CMAQ	\$6,451,200	\$5,760,000	\$0	
2017	607411	STATEWIDE	STATEWIDE	TISBURY- BIKE & PEDESTRIAN IMPROVEMENTS ALONG BEACH ROAD, FROM THE TERMINATION OF THE EXISTING SHARED USE PATH WESTERLY TO THE FIVE CORNERS INTERSECTION	5	Statewide CMAQ	\$1,120,000	\$1,000,000	\$0	
2017	607398	STATEWIDE	STATEWIDE	YARMOUTH- BARNSTABLE- CAPE COD RAIL TRAIL EXTENSION, FROM STATION AVENUE (YARMOUTH) TO ROUTE 132 (BARNSTABLE)	5	Statewide CMAQ	\$6,000,000	\$6,000,000	\$0	
2017	0	STATEWIDE	STATEWIDE	MassRides -- Travel Options Program	NA	Statewide CMAQ	\$2,836,705	\$0	\$0	
2017	0	STATEWIDE	STATEWIDE	Projects TBD	NA	Statewide CMAQ	\$32,000,000	\$0	\$0	
							<b>STATEWIDE CMAQ Subtotal</b>	\$58,046,468	\$21,778,360	\$0
							<b>STATEWIDE CMAQ TOTALS</b>	\$58,046,468	\$21,778,360	\$0
<b>STATEWIDE HSIP PROGRAM</b>										
<b>HSIP</b>										
2017	0	STATEWIDE	STATEWIDE	Statewide- interstate sign upgrade project TBD	NA	HSIP	\$4,000,000	\$3,520,000	\$0	
2017	607494	STATEWIDE	STATEWIDE	Statewide- Various Safety Strategies To Be Determined Based On 2013 SHSP And Updates	NA	HSIP	\$6,111,000	\$5,377,680	\$0	
2017	607496	STATEWIDE	STATEWIDE	Statewide- Sign upgrade (for retroreflectivity) on secondary roadway	NA	HSIP	\$9,333,444	\$8,213,431	\$0	
							<b>HSIP Subtotal</b>	\$19,444,444	\$17,111,111	\$0
							<b>STATEWIDE HSIP PROGRAM TOTALS</b>	\$19,444,444	\$17,111,111	\$0



YR	MassDOT Project ID	MPO	Municipality Name	MassDOT Project Description	District	Funding Source	Total Programmed Funds	Federal Funds	Non-Federal Funds	Additional Information
2017	606941	STATEWIDE	STATEWIDE	Highway Assistance Patrols - area 3 - year 1	NA	STP-Flex	\$1,450,000	\$1,294,643	\$0	
2017	606939	STATEWIDE	STATEWIDE	Highway Assistance Patrols - area 1 - year 1	NA	STP-Flex	\$1,750,000	\$1,562,500	\$0	
<b>STP-FLEX Subtotal</b>							\$8,500,000	\$7,589,286	\$0	
<b>STATEWIDE ITS TOTALS</b>							\$17,999,680	\$16,071,144	\$0	
<b>STATEWIDE NHS PRESERVATION PROGRAM</b>										
<b>NHPP</b>										
2017	607474	STATEWIDE	STATEWIDE	SOUTH HADLEY-GRANBY RESURFACING AND RELATED WORK ON ROUTE 202	NA	NHPP	\$1,585,920	\$1,416,000	\$0	
2017	607475	STATEWIDE	STATEWIDE	WINCHENDON- RESURFACING AND RELATED WORK ON ROUTE 12	NA	NHPP	\$2,023,700	\$1,806,875	\$0	
2017	607477	STATEWIDE	STATEWIDE	LYNFIELD-PEABODY RESURFACING AND RELATED WORK ON ROUTE 1	NA	NHPP	\$6,444,386	\$5,753,916	\$0	
2017	607476	STATEWIDE	STATEWIDE	METHUEN-RESURFACING AND RELATED WORK ON ROUTE 213	NA	NHPP	\$6,498,228	\$5,801,989	\$0	
2017	606179	STATEWIDE	STATEWIDE	DENNIS - HARWICH - BREWSTER - ORLEANS - RESURFACING AND RELATED WORK ON RT. 6	NA	NHPP	\$8,357,798	\$7,462,320	\$0	
<b>NHPP Subtotal</b>							\$24,910,032	\$22,241,100	\$0	
<b>STATEWIDE NHS PRESERVATION PROGRAM TOTALS</b>							\$24,910,032	\$22,241,100	\$0	
<b>STATEWIDE SAFE ROUTES TO SCHOOLS PROGRAM</b>										
<b>SRTS</b>										
2017	0	STATEWIDE	STATEWIDE	SRTS - Education and Planning & Design and selected schools	NA	SRTS	\$947,835	\$947,835	\$0	
<b>SRTS Subtotal</b>							\$947,835	\$947,835	\$0	
<b>TAP</b>										
2017	0	STATEWIDE	STATEWIDE	SRTS - Planning & Design and selected schools	NA	TAP	\$800,000	\$640,000	\$160,000	
<b>TAP Subtotal</b>							\$800,000	\$640,000	\$160,000	
<b>STATEWIDE SAFE ROUTES TO SCHOOLS PROGRAM TOTALS</b>							\$1,747,835	\$1,587,835	\$160,000	



2017

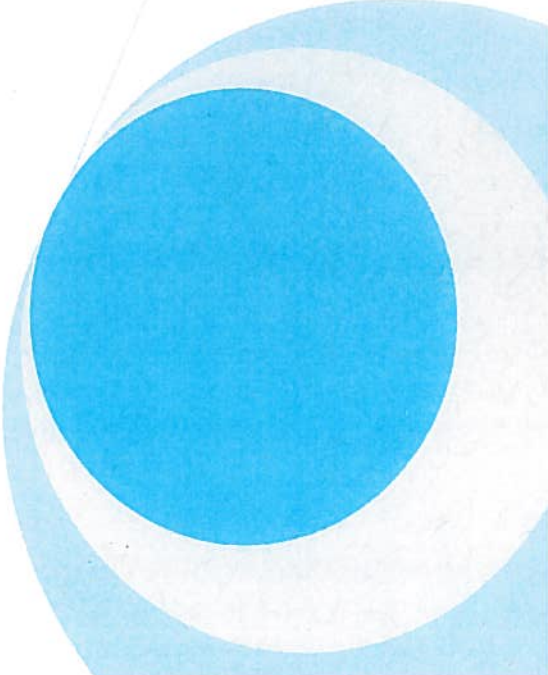
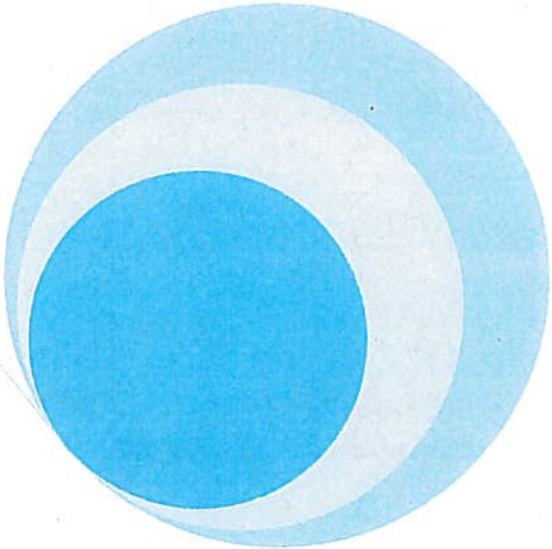
YR	MassDOT Project ID	MPO	Municipality Name	MassDOT Project Description	District	Funding Source	Total Programmed Funds	Federal Funds	Non-Federal Funds	Additional Information
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**Total Federal Funds    Total Non-Federal Fund    Total Programmed Funds**

\$222,522,443.40                      \$160,000.00                      \$279,049,299.00



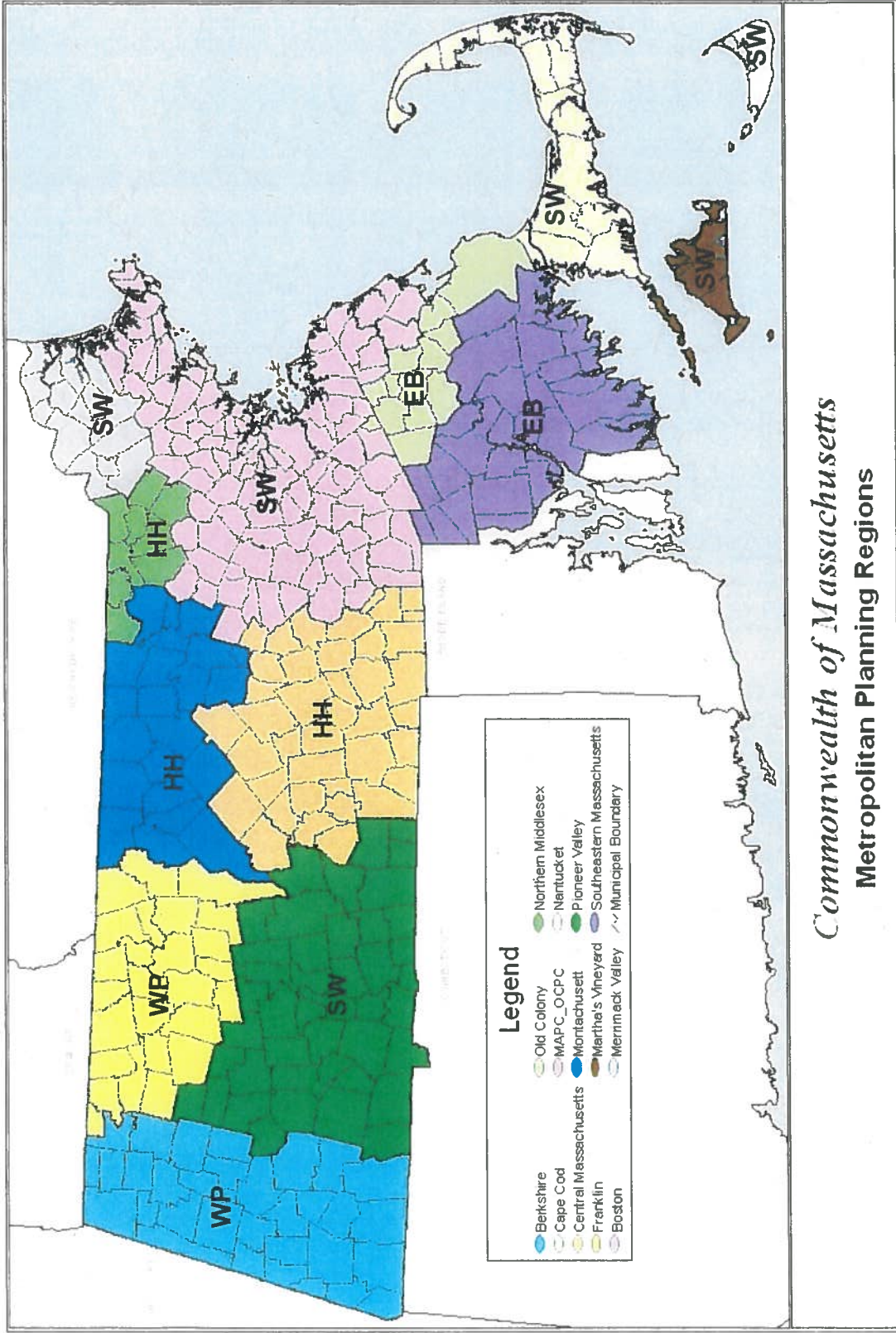
**Appendix C**  
**MPO Process**



# The MPO Process

## Office of Transportation Planning





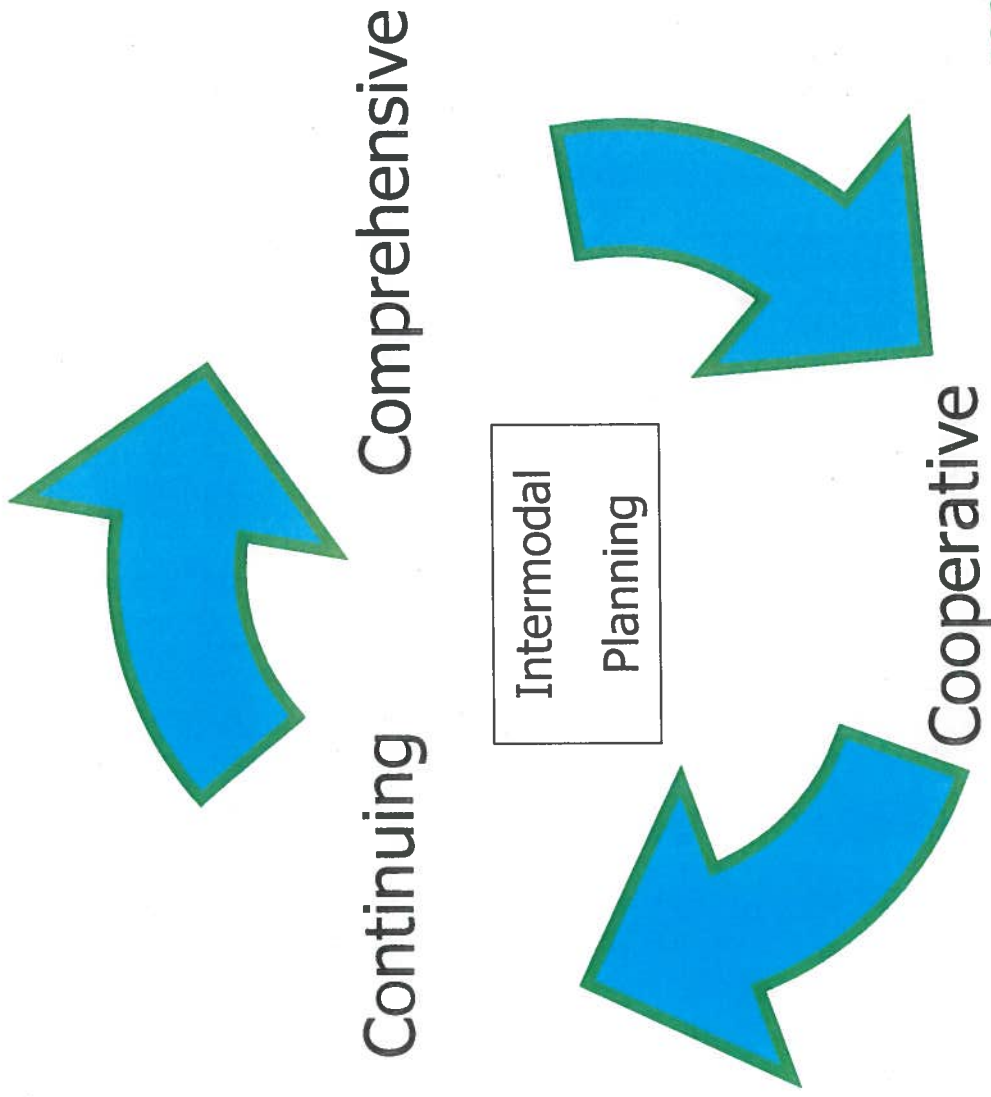
*Commonwealth of Massachusetts*  
**Metropolitan Planning Regions**

SW = Sheri Warrington, Manager MPO Activities, X-8837

HH = Heather Hannon, X-8878 ~ EB = Ethan Britland, X-8236 ~ WP = William Palmer, X-8070



# 3C Planning Process





# Regional Planning Documents

- Regional Transportation Plan (RTP): 20 year plan which defines the goals and objectives
- Unified Planning Work Program (UPWP): annual document that sets out MPO Staff's studies and tasks
- Transportation Improvement Program (TIP): 4 year document revised annually to reflect federally funded projects in a given region

# What is the TIP?

- Transportation Improvement Program
- Spans four years, endorsed annually (August)
- Conforms to projects and goals set out by RTP
- Federally mandated: all projects receiving federal funding must be in the TIP
- Includes highway and transit project listings
- State Transportation Improvement Program (STIP): a combination of the TIPs from all the MPOs, must be approved by FHWA, FTA, DEP, and EPA

# What is the membership of the MPO?

- CEO/Secretary of Transportation (Chair)
- MassDOT Highway Division Administrator
- Regional Planning Agency
- Regional Transit Authority
- Local elected officials



What is the responsibility of an MPO member?

- Take approval action on documents that:
  - Set regional long-term transportation policies
  - Prioritize and program specific transportation initiatives for funding

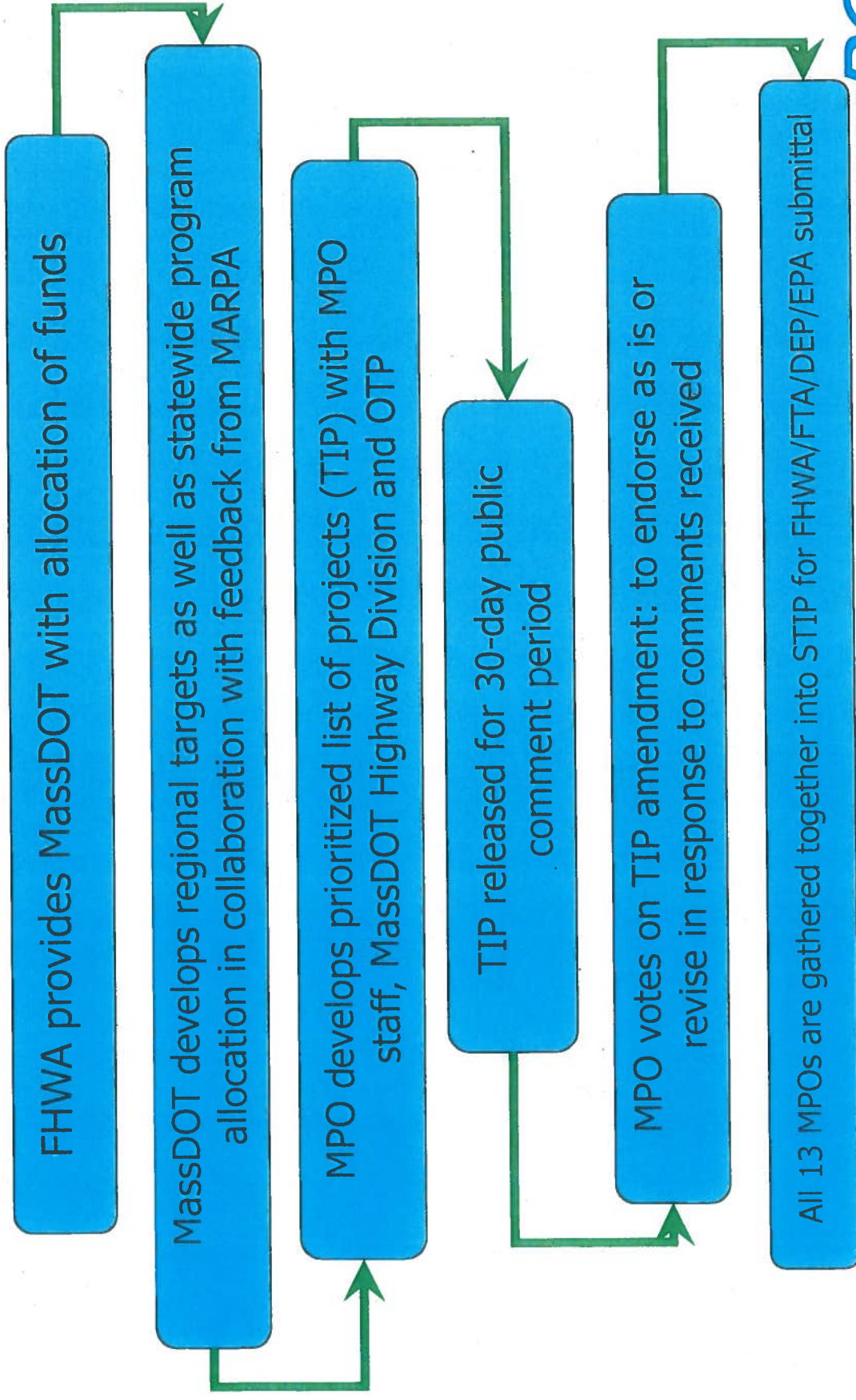
# How do we obtain the knowledge to make these decisions?

RPA Staff to the MPO	MPO Advisory Committee	Highway Division Districts	RTA Staff
<ul style="list-style-type: none"> <li>■ Prepare certification documents</li> <li>■ Develop data analysis</li> <li>■ Perform studies</li> <li>■ Facilitate public input and feedback</li> </ul>	<ul style="list-style-type: none"> <li>■ Provide specialized and citizen input on specific issues</li> <li>■ Make recommendations to the MPO on specific strategies or projects</li> </ul>	<ul style="list-style-type: none"> <li>■ Respond to transportation issues on the ground</li> <li>■ Provide detailed information regarding project development at all stages</li> <li>■ Responsible for ensuring implementation</li> </ul>	<ul style="list-style-type: none"> <li>■ Speaks to ongoing transit issues and developments</li> <li>■ Responsible for ensuring implementation</li> </ul>

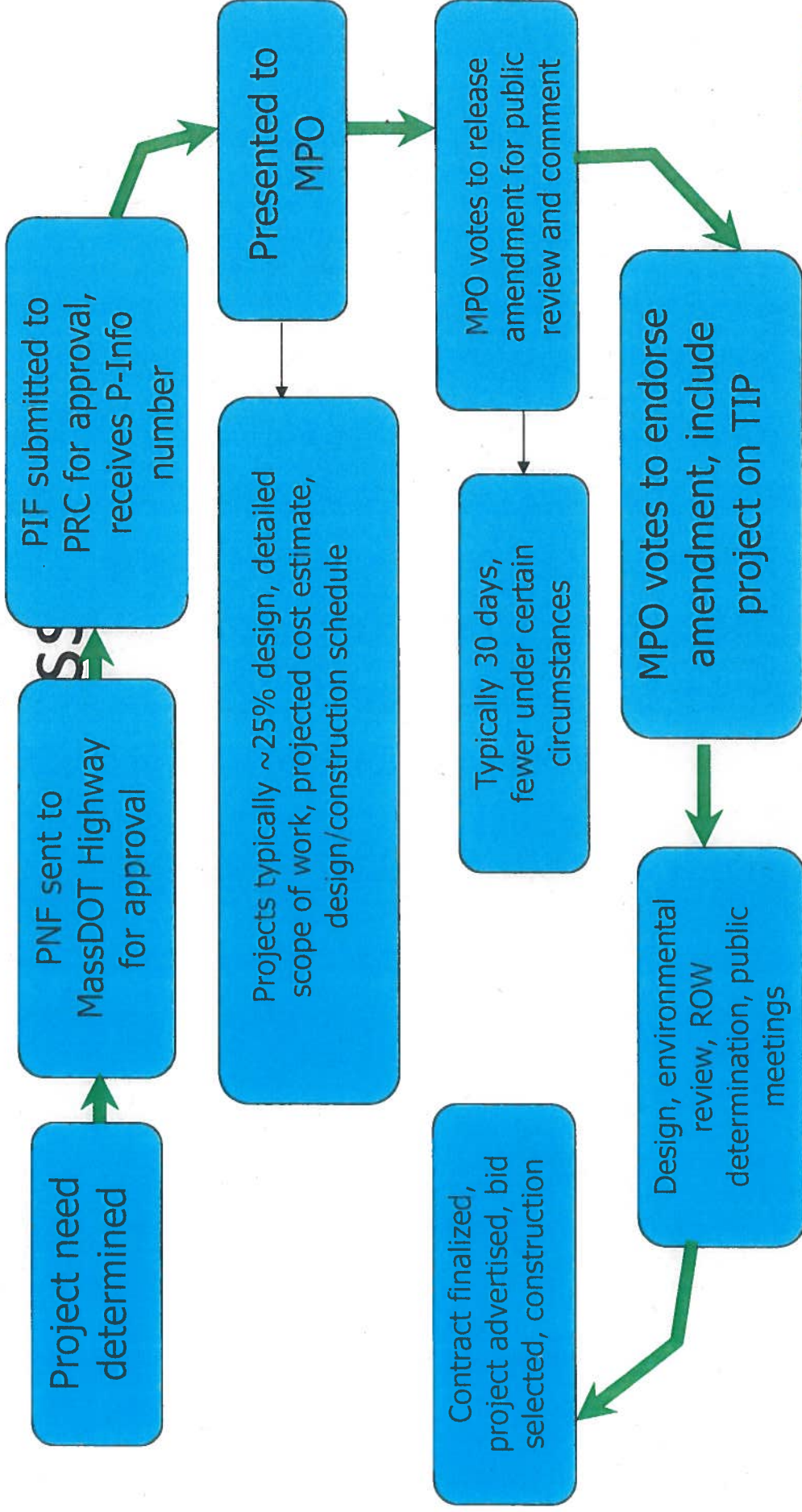
# MassDOT – MPO Activities

- Oversee all aspects of the 3C Planning Process within each of the MPOs
- Act as liaisons between MassDOT and the MPOs
- Assist the MPO staff by providing guidance and support for tasks such as composing TIPS, UPWPs, and RTPs
- Participate in steering committees organized by MPO staff
- Assist in identifying projects to be considered for TIP programming
- Support MassDOT Divisions in achieving their respective goals and complying with specific standards

# TIP Development Process

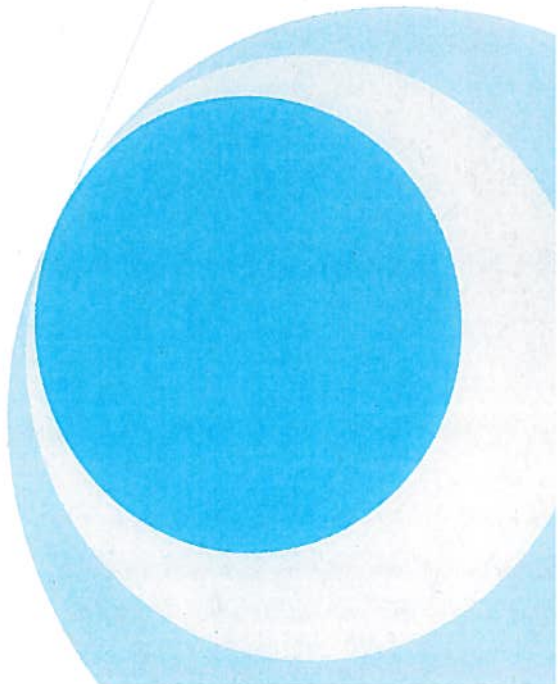
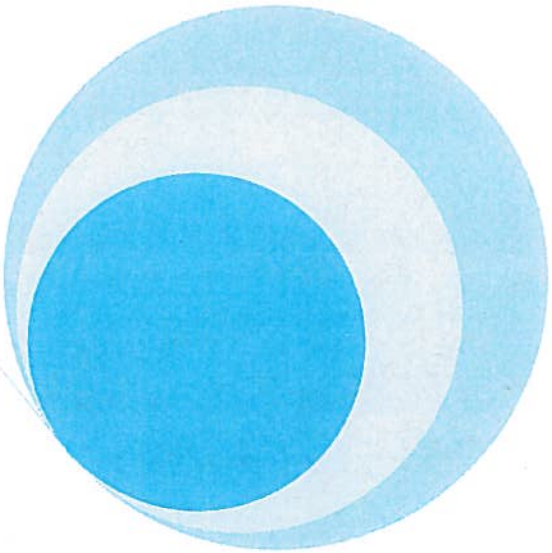


# Roadway Project Development





**Appendix D**  
**Operation & Maintenance**



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

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

7/29/2013

Program Group/Sub Group	Estimated SFY 2011 NFA Expenditures	Estimated SFY 2012 NFA Expenditures	Estimated SFY 2013 NFA Expenditures
<b>01 - Bridge Repair &amp; Replacement</b>			
New Bridge (Excluded)	n/a	n/a	n/a
Bridge Replacement (Excluded)	n/a	n/a	n/a
Bridge Reconstruction/Rehab	\$61,862,882	\$35,846,872	\$42,575,838
Drawbridge Maintenance	\$2,384,145	\$1,670,625	\$2,560,027
Structure Maintenance	\$68,085,622	\$79,354,896	\$85,907,214
<b>02 - Bridge Painting</b>			
Painting - Structural	\$0	\$28,416	\$9,472
<b>03 - Roadway Reconstruction</b>			
Hwy Relocation (Excluded)	n/a	n/a	n/a
Hwy Recon - Added Capacity (Excluded)	n/a	n/a	n/a
New Construction (Excluded)	n/a	n/a	n/a
Hwy Reconstr - Restr and Rehab	\$377,811	\$18,631,701	\$5,752,293
Hwy Reconstr - No Added Capacity	\$1,819,045	\$811,558	\$1,259,998
Hwy Reconstr - Minor Widening	\$10,458	\$78,122	\$42,980
Hwy Reconstr - Major Widening	\$17,791	\$0	\$5,930
<b>04 - Roadway Resurfacing</b>			
Resurfacing	\$7,271,156	\$7,318,216	\$14,636,433
<b>05 - Intersection &amp; Safety</b>			
Impact Attenuators	\$173,425	\$232,875	\$164,177
Safety Improvements	\$27,170	\$0	\$129,742
Traffic Signals	\$425,227	\$489,113	\$588,210
<b>06 - Signs &amp; Lighting</b>			
Lighting and Electrical	\$757,158	\$842,832	\$1,034,460
Sign Installation / Upgrading	\$722,310	\$739,911	\$828,616
Structural Signing	\$1,913	\$5,384	\$2,432
<b>07 - Guardrail</b>			
Guard Rail and Fencing	\$1,877,046	\$991,815	\$1,566,157
<b>08 - Maintenance</b>			
Catch Basin Cleaning	\$2,808,223	\$3,938,769	\$3,651,873
Crack Sealing	\$282,447	\$1,014,976	\$432,474
Landscape and Roadside Develop	\$446,014	\$1,805,849	\$760,276
Mowing and Spraying	\$180,798	\$94,129	\$518,963
Pavement Marking	\$1,727,132	\$2,491,624	\$2,198,345
Sewer and Water	\$250,902	\$102,215	\$117,708
Process/Recycle/Tmsprt Soils	\$0	\$1,738	\$579
Contract Hwy Maint.	\$2,765,166	\$4,398,911	\$2,388,032
<b>09 - Facilities</b>			
Chemical Storage Sheds	\$688,443	\$2,556,382	\$1,458,626
Vertical Construction	\$2,179,631	\$876,176	\$1,685,369
<b>10 - Bikeways (Excluded)</b>	n/a	n/a	n/a
<b>11 - Other</b>			
Miscellaneous / No Prequal	\$717,902	\$1,868,075	\$1,204,969
Asbestos Removal	\$0	\$0	\$0
Demolition	\$5,430	\$0	\$1,810
Drilling and Boring	\$63,606	\$9,425	\$24,344
Hazardous Waste Remediation	\$17,257	\$7,100	\$8,119
Utilities	\$3,049	\$0	\$1,016
Change in Project Value	\$0	\$0	\$0
Highway Sweeping	\$0	\$1,223,506	\$407,835
Intelligent Transportation Sys	\$10,007	\$180,740	\$63,582
Unknown	\$182,113	\$0	\$54,038
Underground Tank Removal Replace	\$0	\$0	\$0
<b>Section I Total:</b>	<b>\$157,901,098</b>	<b>\$165,391,952</b>	<b>\$172,041,935</b>
<b>Section II - Non Federal Aid Highway Operations - State Operating Budget Funding</b>			
<b>12 - Snow and Ice Operations &amp; Materials</b>	<b>\$106,723,860</b>	<b>\$43,910,213</b>	<b>\$91,823,595</b>
<b>13 - District Maintenance</b> (Mowing, Litter Management, Sight Distance Clearing, Etc.)	<b>\$17,753,656</b>	<b>\$15,227,085</b>	<b>\$15,227,085</b>
<b>Section II Total:</b>	<b>\$124,477,516</b>	<b>\$59,137,298</b>	<b>\$107,050,680</b>
<b>Grand Total NFA:</b>	<b>\$282,378,614</b>	<b>\$224,529,250</b>	<b>\$279,092,616</b>

Massachusetts Department of Transportation - Highway Division  
 Summary of Operating and Maintenance Expenditures  
 Berkshire Region - Part 1: Non-Federal Aid

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

3/31/2013

Program Group/Sub Group	Estimated SFY 2011 NFA Expenditures	Estimated SFY 2012 NFA Expenditures	Estimated SFY 2013 NFA Expenditures
<b>01 - Bridge Repair &amp; Replacement</b>			
New Bridge (Excluded)	n/a	n/a	n/a
Bridge Replacement (Excluded)	n/a	n/a	n/a
Bridge Reconstruction/Rehab	\$0	\$0	\$5,353
Drawbridge Maintenance	\$139,111	\$86,191	\$117,983
Structure Maintenance	\$1,923,038	\$1,817,936	\$2,287,186
<b>02 - Bridge Painting</b>			
Painting - Structural	\$0	\$0	\$0
<b>03 - Roadway Reconstruction</b>			
Hwy Relocal on (Excluded)	n/a	n/a	n/a
Hwy Recon - Added Capacity (Excluded)	n/a	n/a	n/a
New Construction (Excluded)	n/a	n/a	n/a
Hwy Reconstr - Restr and Rehab	\$318,515	\$16,459,034	\$5,595,196
Hwy Reconstr - No Added Capacity	\$0	\$0	\$0
Hwy Reconstr - Minor Widening	\$0	\$0	\$0
Hwy Reconstr - Major Widening	\$0	\$0	\$0
<b>04 - Roadway Resurfacing</b>			
Resurfacing	\$0	\$417,208	\$834,415
<b>05 - Intersection &amp; Safety</b>			
Impact Attenuators	\$0	\$13,539	\$4,513
Safety Improvements	\$25,985	\$0	\$22,582
Traffic Signals	\$0	\$24,992	\$8,331
<b>06 - Signs &amp; Lighting</b>			
Lighting and Electrical	\$38,930	\$48,178	\$43,509
Sign Installation / Upgrading	\$118	\$38,546	\$12,888
Structural Signing	\$0	\$313	\$104
<b>07 - Guardrail</b>			
Guard Rail and Fencing	\$0	\$57,663	\$19,221
<b>08 - Maintenance</b>			
Catch Basin Cleaning	\$16,220	\$240,174	\$85,465
Crack Sealing	\$19,687	\$59,009	\$26,232
Landscape and Roadside Develop	\$4,838	\$33,156	\$12,598
Mowing and Spraying	\$105,664	\$5,473	\$80,223
Pavement Marking	\$15,353	\$144,860	\$53,404
Sewer and Water	\$0	\$4,399	\$1,466
Process/Recycle/Transport Soils	\$0	\$101	\$34
Contract Hwy Maint	\$0	\$255,747	\$85,249
<b>09 - Facilities</b>			
Chemical Storage Sheds	\$100,741	\$1,719	\$72,922
Vertical Construction	\$0	\$58,439	\$19,480
<b>10 - Bikeways (Excluded)</b>	n/a	n/a	n/a
<b>11 - Other</b>			
Miscellaneous / No Prequal	\$0	\$59,502	\$19,834
Asbestos Removal	\$0	\$0	\$0
Demolition	\$3,860	\$0	\$1,287
Drilling and Boring	\$1,065	\$548	\$538
Hazardous Waste Remediation	\$0	\$413	\$138
Utilities	\$3,049	\$0	\$1,016
Change in Project Value	\$0	\$0	\$0
Highway Sweeping	\$0	\$0	\$0
Intelligent Transportation Sys	\$10,007	\$0	\$3,336
Unknown	\$0	\$0	\$0
Underground Tank Removal Replace	\$0	\$0	\$0
<b>Section I Total</b>	<b>\$2,725,981</b>	<b>\$19,827,142</b>	<b>\$9,414,602</b>

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

<b>12 - Snow and Ice Operations &amp; Materials</b>	\$3,798,943	\$1,563,028	\$2,615,107
<b>13 - District Maintenance</b> (Mowing, Litter Management, Sight Distance Cleaning, Etc.)	\$631,959	\$542,023	\$604,903
<b>Section II Total</b>	<b>\$4,430,902</b>	<b>\$2,105,051</b>	<b>\$3,220,011</b>

**Grand Total NFA: \$7,156,883 \$21,932,193 \$12,634,513**

Massachusetts Department of Transportation - Highway Division  
Summary of Operating and Maintenance Expenditures  
Boston Region - Part 1: Non-Federal Aid

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

3/31/2013

Program Group/Sub Group	Estimated SFY 2011 NFA Expenditures	Estimated SFY 2012 NFA Expenditures	Estimated SFY 2013 NFA Expenditures
<b>01 - Bridge Repair &amp; Replacement</b>			
New Bridge (Excluded)	n/a	n/a	n/a
Bridge Replacement (Excluded)	n/a	n/a	n/a
Bridge Reconstruction/Rehab	\$36,924,880	\$12,598,328	\$19,605,118
Drawbridge Maintenance	\$167,917	\$297,489	\$672,759
Structure Maintenance	\$5,324,400	\$12,543,762	\$18,910,347
<b>02 - Bridge Painting</b>			
Painting - Structural	\$0	\$28,416	\$9,472
<b>03 - Roadway Reconstruction</b>			
Hwy Relocation (Excluded)	n/a	n/a	n/a
Hwy Recon. - Added Capacity (Excluded)	n/a	n/a	n/a
New Construction (Excluded)	n/a	n/a	n/a
Hwy Reconstr - Restr and Rehab	\$42,980	\$22,130	\$64,238
Hwy Reconstr - No Added Capacity	\$748,590	\$811,558	\$907,956
Hwy Reconstr - Minor Widening	\$10,458	\$0	\$3,486
Hwy Reconstr - Major Widening	\$17,791	\$0	\$5,930
<b>04 - Roadway Resurfacing</b>			
Resurfacing	\$575,916	\$503,600	\$1,007,201
<b>05 - Intersection &amp; Safety</b>			
Impact Attenuators	\$12,922	\$16,343	\$9,755
Safety Improvements	\$0	\$0	\$0
Traffic Signals	\$31,365	\$30,167	\$205,114
<b>06 - Signs &amp; Lighting</b>			
Lighting and Electrical	\$26,904	\$58,155	\$232,378
Sign Installation / Upgrading	\$138,515	\$123,434	\$319,074
Structural Signing	\$143	\$378	\$173
<b>07 - Guardrail</b>			
Guard Rail and Fencing	\$139,858	\$69,603	\$471,103
<b>08 - Maintenance</b>			
Catch Basin Cleaning	\$218,846	\$289,908	\$1,134,770
Crack Sealing	\$19,578	\$71,229	\$30,269
Landscape and Roadside Develop	\$121,075	\$1,275,585	\$465,554
Mowing and Spraying	\$5,598	\$6,606	\$4,068
Pavement Marking	\$127,544	\$174,857	\$621,982
Sewer and Water	\$18,532	\$31,862	\$16,798
Process/Recycle/Tmsprt Soils	\$0	\$122	\$41
Contract Hwy Maint	\$206,033	\$308,706	\$171,580
<b>09 - Facilities</b>			
Chemical Storage Sheds	\$9,343	\$2,075	\$3,806
Vertical Construction	\$121,602	\$70,540	\$532,008
<b>10 - Bikeways (Excluded)</b>	n/a	n/a	n/a
<b>11 - Other</b>			
Miscellaneous / No Prequal	\$55,955	\$71,824	\$277,320
Asbestos Removal	\$0	\$0	\$0
Demolition	\$0	\$0	\$0
Drilling and Boring	\$4,660	\$661	\$1,774
Hazardous Waste Remediation	\$1,286	\$498	\$595
Utilities	\$0	\$0	\$0
Change in Project Value	\$0	\$0	\$0
Highway Sweeping	\$0	\$143,886	\$47,895
Intelligent Transportation Sys	\$0	\$180,740	\$60,247
Unknown	\$12,079	\$0	\$4,026
Underground Tank Removal/Replace	\$0	\$0	\$0
<b>Section I Total:</b>	<b>\$45,084,770</b>	<b>\$29,732,262</b>	<b>\$45,798,837</b>

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

12 - Snow and Ice Operations & Materials	\$45,856,148	\$18,866,945	\$31,566,349
13 - District Maintenance (Mowing, Litter Management, Sight Distance Cleaning, Etc.)	\$7,628,231	\$6,542,637	\$7,301,649
<b>Section II Total:</b>	<b>\$53,484,379</b>	<b>\$25,409,582</b>	<b>\$38,867,998</b>

**Grand Total NFA: \$98,569,149 \$55,141,844 \$84,664,835**

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

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

3/31/2013

Program Group/Sub Group	Estimated SFY 2011 NFA Expenditures	Estimated SFY 2012 NFA Expenditures	Estimated SFY 2013 NFA Expenditures
<b>01 - Bridge Repair &amp; Replacement</b>			
New Bridge (Excluded)	n/a	n/a	n/a
Bridge Replacement (Excluded)	n/a	n/a	n/a
Bridge Reconstruction/Rehab	\$0	\$0	\$0
Drawbridge Maintenance	\$179,188	\$111,022	\$151,973
Structure Maintenance	\$2,905,453	\$3,248,086	\$2,979,336
<b>02 - Bridge Painting</b>			
Painting - Structural	0	\$0	\$0
<b>03 - Roadway Reconstruction</b>			
Hwy Reloc on (Excluded)	n/a	n/a	n/a
Hwy Recon - Added Capacity (Excluded)	n/a	n/a	n/a
New Construction (Excluded)	n/a	n/a	n/a
Hwy Reconstr - Restr and Rehab	\$810	\$12,933	\$8,032
Hwy Reconstr - No Added Capacity	\$0	\$0	\$0
Hwy Reconstr - Minor Widening	\$0	\$0	\$0
Hwy Reconstr - Major Widening	\$0	\$0	\$0
<b>04 - Roadway Resurfacing</b>			
Resurfacing	\$506,494	\$597,663	\$1,195,325
<b>05 - Intersection &amp; Safety</b>			
Impact Attenuators	\$13,789	\$17,440	\$15,305
Safety Improvements	\$0	\$0	\$0
Traffic Signals	\$33,471	\$32,192	\$39,819
<b>06 - Signs &amp; Lighting</b>			
Lighting and Electrical	\$28,709	\$62,058	\$52,028
Sign Installation / Upgrading	\$50,145	\$49,651	\$51,908
Structural Signing	\$152	\$403	\$185
<b>07 - Guardrail</b>			
Guard Rail and Fencing	\$149,246	\$74,275	\$74,507
<b>08 - Maintenance</b>			
Catch Basin Cleaning	\$233,535	\$309,367	\$180,967
Crack Sealing	\$20,892	\$76,010	\$32,301
Landscape and Roadside Develop	\$25,359	\$42,708	\$22,689
Mowing and Spraying	\$5,974	\$7,049	\$59,957
Pavement Marking	\$136,105	\$186,583	\$107,566
Sewer and Water	\$19,776	\$5,666	\$8,481
Process/Recycle/Transprt Soils	\$0	\$130	\$43
Contract Hwy Maint	\$219,862	\$329,427	\$183,096
<b>09 - Facilities</b>			
Chemical Storage Sheds	\$9,970	\$2,215	\$53,999
Vertical Construction	\$129,764	\$75,275	\$68,346
<b>10 - Bikeways (Excluded)</b>	n/a	n/a	n/a
<b>11 - Other</b>			
Miscellaneous / No Prequal	\$59,711	\$76,645	\$45,452
Asbestos Removal	\$0	\$0	\$0
Demolition	\$1,570	\$0	\$523
Drilling and Boring	\$4,973	\$706	\$1,893
Hazardous Waste Remediation	\$1,372	\$532	\$635
Utilities	\$0	\$0	\$0
Change in Project Value	\$0	\$0	\$0
Highway Sweeping	\$0	\$1,015,464	\$338,488
Intelligent Transportation Sys	\$0	\$0	\$0
Unknown	\$12,890	\$0	\$4,297
Underground Tank Removal/Replace	\$0	\$0	\$0
<b>Section I Total:</b>	<b>\$4,749,211</b>	<b>\$6,333,509</b>	<b>\$5,877,182</b>

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

<b>12 - Snow and Ice Operations &amp; Materials</b>	\$4,893,396	\$2,013,327	\$3,368,504
<b>13 - District Maintenance</b> (Mowing, Litter Management, Sight Distance Clearing, Etc.)	\$814,023	\$698,177	\$779,173
<b>Section II Total:</b>	<b>\$5,707,419</b>	<b>\$2,711,504</b>	<b>\$4,147,677</b>

**Grand Total NFA: \$10,456,629 \$9,045,014 \$9,824,830**

Massachusetts Department of Transportation - Highway Division  
 Summary of Operating and Maintenance Expenditures  
 Central Mass - Part 1: Non-Federal Aid

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

3/31/2013

Program Group/Sub Group	Estimated SFY 2011 NFA Expenditures	Estimated SFY 2012 NFA Expenditures	Estimated SFY 2013 NFA Expenditures
<b>01 - Bridge Repair &amp; Replacement</b>			
New Bridge (Excluded)	n/a	n/a	n/a
Bridge Replacement (Excluded)	n/a	n/a	n/a
Bridge Reconstruct on/Rehab	\$9,920,554	\$12,194,004	\$7,632,969
Drawbridge Maintenance	\$339,614	\$210,419	\$288,034
Structure Maintenance	\$4,832,931	\$8,619,198	\$6,472,941
<b>02 - Bridge Painting</b>			
Painting - Structural	\$0	\$0	\$0
<b>03 - Roadway Reconstruction</b>			
Hwy Relocation (Excluded)	n/a	n/a	n/a
Hwy Recon. - Added Capacity (Excluded)	n/a	n/a	n/a
New Construction (Excluded)	n/a	n/a	n/a
Hwy Reconst. - Restr and Rehab	\$8,949	\$24,512	\$17,694
Hwy Reconst. - No Added Capacity	\$140,043	\$0	\$46,681
Hwy Reconst. - Minor Widening	\$0	\$0	\$0
Hwy Reconst. - Major Widening	\$0	\$0	\$0
<b>04 - Roadway Resurfacing</b>			
Resurfacing	\$959,954	\$1,018,535	\$2,037,069
<b>05 - Intersection &amp; Safety</b>			
Impact Attenuators	\$26,135	\$33,053	\$19,729
Safety Improvements	\$0	\$0	\$33,985
Traffic Signals	\$63,437	\$61,014	\$41,484
<b>06 - Signs &amp; Lighting</b>			
Lighting and Electrical	\$54,413	\$117,618	\$92,676
Sign Installation / Upgrading	\$95,039	\$94,104	\$63,048
Structural Signing	\$288	\$764	\$351
<b>07 - Guardrail</b>			
Guard Rail and Fencing	\$282,864	\$140,773	\$141,212
<b>08 - Maintenance</b>			
Catch Basin Clearing	\$442,618	\$586,340	\$342,986
Crack Sealing	\$39,597	\$144,061	\$61,219
Landscape and Roadside Develop	\$73,187	\$80,943	\$61,032
Mowing and Spraying	\$11,322	\$13,360	\$113,637
Pavement Marking	\$257,959	\$353,649	\$203,869
Sewer and Water	\$37,481	\$10,739	\$16,073
Process/Recycle/Transprt Soils	\$0	\$247	\$82
Contract Hwy Maint	\$416,703	\$624,360	\$347,021
<b>09 - Facilities</b>			
Chemical Storage Sheds	\$18,896	\$4,197	\$102,343
Vertical Construction	\$245,940	\$142,668	\$129,536
<b>10 - Bikeways (Excluded)</b>	n/a	n/a	n/a
<b>11 - Other</b>			
Miscellaneous / No Prequal	\$113,169	\$145,264	\$86,144
Asbestos Removal	\$0	\$0	\$0
Demolition	\$0	\$0	\$0
Drilling and Boring	\$9,425	\$1,338	\$3,587
Hazardous Waste Remediation	\$2,601	\$1,008	\$1,203
Utilities	\$0	\$0	\$0
Change in Project Value	\$0	\$0	\$0
Highway Sweeping	\$0	\$0	\$0
Intelligent Transportation Sys	\$0	\$0	\$0
Unknown	\$24,430	\$0	\$8,143
Underground Tank Removal Replace	\$0	\$0	\$0
<b>Section I Total</b>	<b>\$18,417,548</b>	<b>\$24,822,187</b>	<b>\$18,364,751</b>

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

12 - Snow and Ice Operations & Materials	\$9,274,410	\$3,815,841	\$6,384,297
13 - District Maintenance (Mowing, Litter Management, Sight Distance Clearing, Etc.)	\$1,542,810	\$1,323,249	\$1,476,759
<b>Section II Total</b>	<b>\$10,817,221</b>	<b>\$5,139,090</b>	<b>\$7,861,056</b>

**Grand Total NFA: \$29,234,768 \$29,761,258 \$26,225,807**

Massachusetts Department of Transportation - Highway Division  
Summary of Operating and Maintenance Expenditures  
Franklin Region - Part 1: Non-Federal Aid

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

3/31/2013

Program Group/Sub Group	Estimated SFY 2011 NFA Expenditures	Estimated SFY 2012 NFA Expenditures	Estimated SFY 2013 NFA Expenditures
<b>01 - Bridge Repair &amp; Replacement</b>			
New Bridge (Excluded)	n/a	n/a	n/a
Bridge Replacement (Excluded)	n/a	n/a	n/a
Bridge Reconstruction/Rehab	\$296	\$196,100	\$234,669
Drawbridge Maintenance	\$99,253	\$61,495	\$84,179
Structure Maintenance	\$2,050,823	\$1,353,007	\$2,323,952
<b>02 - Bridge Painting</b>			
Painting - Structural	\$0	\$0	\$0
<b>03 - Roadway Reconstruction</b>			
Hwy Relocation (Excluded)	n/a	n/a	n/a
Hwy Recon - Added Capacity (Excluded)	n/a	n/a	n/a
New Construction (Excluded)	n/a	n/a	n/a
Hwy Reconstr - Restr and Rehab	\$449	\$7,164	\$4,449
Hwy Reconstr - No Added Capacity	\$0	\$0	\$0
Hwy Reconstr - Minor Widening	\$0	\$0	\$0
Hwy Reconstr - Major Widening	\$0	\$0	\$0
<b>04 - Roadway Resurfacing</b>			
Resurfacing	\$280,549	\$336,605	\$673,210
<b>05 - Intersection &amp; Safety</b>			
Impact Attenuators	\$7,638	\$9,660	\$8,478
Safety Improvements	\$0	\$0	\$0
Traffic Signals	\$18,540	\$17,831	\$22,056
<b>06 - Signs &amp; Lighting</b>			
Lighting and Electrical	\$15,902	\$34,374	\$28,818
Sign Installation / Upgrading	\$27,775	\$27,502	\$28,752
Structural Signing	\$84	\$223	\$103
<b>07 - Guardrail</b>			
Guard Rail and Fencing	\$82,668	\$41,141	\$64,989
<b>08 - Maintenance</b>			
Catch Basin Cleaning	\$11,572	\$42,102	\$17,891
Crack Sealing	\$14,047	\$23,656	\$12,567
Landscape and Roadside Develop	\$3,309	\$3,905	\$2,405
Mowing and Spraying	\$75,389	\$103,355	\$90,387
Pavement Marking	\$10,954	\$3,139	\$4,697
Sewer and Water	\$0	\$72	\$24
Process/Recycle/Tmsprt Soils	\$121,782	\$182,470	\$101,418
Contract Hwy Maint			\$0
<b>09 - Facilities</b>			
Chemical Storage Sheds	\$71,876	\$41,695	\$65,517
Vertical Construction	\$0	\$0	\$0
<b>10 - Bikeways (Excluded)</b>	n/a	n/a	n/a
<b>11 - Other</b>			
Miscellaneous / No Prequal	\$0	\$0	\$0
Asbestos Removal	\$0	\$0	\$0
Demolition	\$2,754	\$391	\$1,048
Drilling and Boring	\$760	\$295	\$352
Hazardous Waste Remediation	\$0	\$0	\$0
Change in Project Value	\$0	\$0	\$0
Highway Sweeping	\$0	\$0	\$0
Intelligent Transportation Sys	\$0	\$0	\$0
Unknown	\$7,140	\$0	\$2,380
Underground Tank Removal Replace	\$0	\$0	\$0
Utilities	\$0	\$0	\$0
<b>Section I Total</b>	<b>\$2,903,560</b>	<b>\$2,486,182</b>	<b>\$3,772,341</b>

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

12 - Snow and Ice Operations & Materials	\$2,710,466	\$1,115,188	\$1,865,824
13 - District Maintenance ( Mowing Litter Management Sight Distance Cleanng Etc )	\$450,890	\$386,722	\$431,586
<b>Section II Total</b>	<b>\$3,161,355</b>	<b>\$1,501,910</b>	<b>\$2,297,410</b>

**Grand Total NFA: \$6,064,915 \$3,988,092 \$6,069,751**

Massachusetts Department of Transportation - Highway Division  
 Summary of Operating and Maintenance Expenditures  
 Martha's Vineyard - Part 1: Non-Federal Aid

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

3/31/2013

Program Group/Sub Group	Estimated SFY 2011 NFA Expenditures	Estimated SFY 2012 NFA Expenditures	Estimated SFY 2013 NFA Expenditures
<b>01 - Bridge Repair &amp; Replacement</b>			
New Bridge (Excluded)	n/a	n/a	n/a
Bridge Replacement (Excluded)	n/a	n/a	n/a
Bridge Reconstruction/Rehab	\$0	\$0	\$0
Drawbridge Maintenance	\$12,115	\$7,506	\$10,275
Structure Maintenance	\$166,338	\$156,355	\$170,317
<b>02 - Bridge Painting</b>			
Painting - Structural	\$0	\$0	\$0
<b>03 - Roadway Reconstruction</b>			
Hwy Relocation (Excluded)	n/a	n/a	n/a
Hwy Recon - Added Capacity (Excluded)	n/a	n/a	n/a
New Construction (Excluded)	n/a	n/a	n/a
Hwy Reconst - Restr and Rehab	\$55	\$874	\$310
Hwy Reconst - No Added Capacity	\$0	\$0	\$0
Hwy Reconst - Minor Widening	\$0	\$0	\$0
Hwy Reconst - Major Widening	\$0	\$0	\$0
<b>04 - Roadway Resurfacing</b>			
Resurfacing	\$34,244	\$36,334	\$72,668
<b>05 - Intersection &amp; Safety</b>			
Impact Attenuators	\$932	\$1,179	\$1,035
Safety Improvements	\$0	\$0	\$0
Traffic Signals	\$2,263	\$2,177	\$2,692
<b>06 - Signs &amp; Lighting</b>			
Lighting and Electrical	\$1,941	\$4,196	\$3,518
Sign Installation / Upgrading	\$3,390	\$3,357	\$3,510
Structural Signing	\$10	\$27	\$13
<b>07 - Guardrail</b>			
Guard Rail and Fencing	\$10,091	\$5,022	\$7,933
<b>08 - Maintenance</b>			
Catch Basin Cleaning		\$0	\$0
Crack Sealing	\$1,413	\$5,139	\$2,184
Landscape and Roadside Develop	\$1,715	\$2,887	\$1,534
Mowing and Spraying	\$404	\$477	\$293
Pavement Marking	\$9,202	\$12,616	\$11,033
Sewer and Water	\$1,337	\$383	\$573
Process Recycle/Transport Solis	\$0	\$9	\$3
Contract Hwy Maint	\$14,865	\$22,273	\$12,379
<b>09 - Facilities</b>			
Chemical Storage Sheds	\$674	\$150	\$275
Vertical Construction	\$8,773	\$5,089	\$4,621
<b>10 - Bikeways (Excluded)</b>	n/a	n/a	n/a
<b>11 - Other</b>			
Miscellaneous / No Prequal	\$4,037	\$5,182	\$4,767
Asbestos Removal	\$0	\$0	\$0
Demolition	\$0	\$0	\$0
Drilling and Boring	\$336	\$48	\$128
Hazardous Waste Remediation	\$93	\$36	\$43
Utilities	\$0	\$0	\$0
Change in Project Value	\$0	\$0	\$0
Highway Sweeping	\$0	\$0	\$0
Intelligent Transportation Sys	\$0	\$0	\$0
Unknown	\$871	\$0	\$290
Underground Tank Removal Replace	\$0	\$0	\$0
<b>Section I Total:</b>	<b>\$275,100</b>	<b>\$271,315</b>	<b>\$310,392</b>

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

12 - Snow and Ice Operations & Materials	\$330,844	\$136,122	\$227,746
13 - District Maintenance ( Mowing, Litter Management, Sight Distance Clearing, Etc )	\$55,036	\$47,204	\$52,680
<b>Section II Total:</b>	<b>\$385,880</b>	<b>\$183,326</b>	<b>\$280,426</b>

**Grand Total NFA: \$660,980 \$454,640 \$590,818**



Massachusetts Department of Transportation - Highway Division  
Summary of Operating and Maintenance Expenditures  
Merrimack Valley - Part 1: Non-Federal Aid

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

3/31/2013

Program Group/Sub Group	Estimated SFY 2011 NFA Expenditures	Estimated SFY 2012 NFA Expenditures	Estimated SFY 2013 NFA Expenditures
<b>01 - Bridge Repair &amp; Replacement</b>			
New Bridge (Excluded)	n/a	n/a	n/a
Bridge Replacement (Excluded)	n/a	n/a	n/a
Bridge Reconstruction/Rehab	\$0	\$0	\$0
Drawbridge Maintenance	\$173,111	\$107,257	\$146,819
Structure Maintenance	\$7,066,338	\$9,323,698	\$7,735,374
<b>02 - Bridge Painting</b>			
Painting - Structural	\$0	\$0	\$0
<b>03 - Roadway Reconstruction</b>			
Hwy Relocation (Excluded)	n/a	n/a	n/a
Hwy Recon. - Added Capacity (Excluded)	n/a	n/a	n/a
New Construction (Excluded)	n/a	n/a	n/a
Hwy Reconstr - Restr and Rehab	\$783	\$12,494	\$7,760
Hwy Reconstr - No Added Capacity	\$0	\$0	\$0
Hwy Reconstr - Minor Widening	\$0	\$0	\$0
Hwy Reconstr - Major Widening	\$0	\$0	\$0
<b>04 - Roadway Resurfacing</b>			
Resurfacing	\$489,317	\$519,177	\$1,038,354
<b>05 - Intersection &amp; Safety</b>			
Impact Attenuators	\$13,322	\$16,848	\$10,057
Safety Improvements	\$0	\$0	\$17,323
Traffic Signals	\$32,336	\$31,101	\$21,145
<b>06 - Signs &amp; Lighting</b>			
Lighting and Electrical	\$27,736	\$59,954	\$47,240
Sign Installation / Upgrading	\$48,444	\$47,967	\$32,137
Structural Sign ng	\$147	\$390	\$179
<b>07 - Guardrail</b>			
Guard Rail and Fencing	\$144,184	\$71,756	\$71,980
<b>08 - Maintenance</b>			
Catch Basin Cleaning	\$225,615	\$298,875	\$174,830
Crack Sealing	\$20,184	\$73,432	\$31,205
Landscape and Roads de Develop	\$24,499	\$41,259	\$21,919
Mowing and Spraying	\$5,771	\$6,810	\$57,924
Pavement Marking	\$131,489	\$180,265	\$103,918
Sewer and Water	\$19,105	\$5,474	\$8,193
Process/Recycle/Trnsprt Soils	\$0	\$126	\$42
Contract Hwy Maint	\$212,406	\$318,254	\$176,887
<b>09 - Facilities</b>			
Chemical Storage Sheds	\$9,632	\$2,139	\$52,167
Vertical Construction		\$0	\$0
<b>10 - Bikeways (Excluded)</b>	n/a	n/a	n/a
<b>11 - Other</b>			
Miscellaneous / No Prequal	\$57,686	\$74,045	\$44,022
Asbestos Removal	\$0	\$0	\$0
Demolition	\$0	\$0	\$0
Drilling and Boring	\$4,804	\$682	\$1,829
Hazardous Waste Remediation	\$1,326	\$514	\$613
Utilities	\$0	\$0	\$0
Change in Project Value	\$0	\$0	\$0
Highway Sweeping	\$0	\$0	\$0
Intelligent Transportation Sys	\$0	\$0	\$0
Unknown	\$12,453	\$0	\$4,151
Underground Tank Removal Repace	\$0	\$0	\$0
<b>Section I Total:</b>	<b>\$8,720,686</b>	<b>\$11,192,518</b>	<b>\$9,806,069</b>

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

<b>12 - Snow and Ice Operations &amp; Materials</b>	\$4,727,440	\$1,945,047	\$3,254,264
<b>13 - District Maintenance</b> ( Mowing, Litter Management, Sight Distance Clearing, Etc. )	\$786,416	\$674,499	\$752,748
<b>Section II Total:</b>	<b>\$5,513,856</b>	<b>\$2,619,546</b>	<b>\$4,007,012</b>

**Grand Total NFA: \$14,234,542      \$13,812,064      \$13,813,081**

Massachusetts Department of Transportation - Highway Division  
 Summary of Operating and Maintenance Expenditures  
 Montachusett Region - Part 1: Non-Federal Aid

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

3/31/2013

Program Group/Sub Group	Estimated SFY 2011 NFA Expenditures	Estimated SFY 2012 NFA Expenditures	Estimated SFY 2013 NFA Expenditures
<b>01 - Bridge Repair &amp; Replacement</b>			
New Bridge (Excluded)	n/a	n/a	n/a
Bridge Replacement (Excluded)	n/a	n/a	n/a
Bridge Reconstruction/Rehab	\$1,020	\$0	\$1,996
Drawbridge Maintenance	\$174,284	\$107,983	\$147,814
Structure Maintenance	\$2,806,736	\$3,552,692	\$3,365,591
<b>02 - Bridge Painting</b>			
Painting - Structural	\$0	\$0	\$0
<b>03 - Roadway Reconstruction</b>			
Hwy Relocation (Excluded)	n/a	n/a	n/a
Hwy Recon - Added Capacity (Excluded)	n/a	n/a	n/a
New Construction (Excluded)	n/a	n/a	n/a
Hwy Reconst - Restr and Rehab	\$788	\$12,579	\$7,812
Hwy Reconst - No Added Capacity	\$0	\$0	\$0
Hwy Reconst - Minor Widening	\$0	\$0	\$0
Hwy Reconst - Major Widening	\$0	\$0	\$0
<b>04 - Roadway Resurfacing</b>			
Resurfacing	\$654,649	\$522,693	\$1,045,387
<b>05 - Intersection &amp; Safety</b>			
Impact Attenuators	\$13,412	\$16,962	\$14,867
Safety Improvements	\$1,185	\$0	\$395
Traffic Signals	\$32,555	\$31,311	\$38,729
<b>06 - Signs &amp; Lighting</b>			
Lighting and Electrical	\$27,924	\$60,360	\$50,604
Sign Installation / Upgrading	\$48,772	\$48,292	\$50,487
Structural Signing	\$148	\$392	\$180
<b>07 - Guardrail</b>			
Guard Rail and Fencing	\$145,161	\$72,242	\$114,117
<b>08 - Maintenance</b>			
Catch Basin Cleaning	\$227,143	\$300,899	\$276,192
Crack Sealing	\$20,320	\$73,929	\$31,417
Landscape and Roadside Develop	\$24,665	\$41,539	\$22,068
Mowing and Spraying	\$5,810	\$6,856	\$4,222
Pavement Marking	\$132,380	\$181,486	\$158,716
Sewer and Water	\$19,235	\$5,511	\$8,249
Process/Recycle/Transport Soils	\$0	\$127	\$42
Contract Hwy Maint	\$213,845	\$320,410	\$178,085
<b>09 - Facilities</b>			
Chemical Storage Sheds	\$9,697	\$2,154	\$3,950
Vertical Construction	\$915,953	\$81,073	\$380,912
<b>10 - Bikeways (Excluded)</b>	n/a	n/a	n/a
<b>11 - Other</b>			
Miscellaneous / No Prequal	\$58,076	\$74,547	\$68,570
Asbestos Removal	\$0	\$0	\$0
Demolition	\$0	\$0	\$0
Drilling and Boring	\$4,837	\$687	\$1,841
Hazardous Waste Remediation	\$1,335	\$517	\$617
Utilities	\$0	\$0	\$0
Change in Project Value	\$0	\$0	\$0
Highway Sweeping	\$0	\$0	\$0
Intelligent Transportation Sys	\$0	\$0	\$0
Unknown	\$12,537	\$0	\$4,179
Underground Tank Removal Replace	\$0	\$0	\$0
<b>Section I Total</b>	<b>\$5,539,828</b>	<b>\$5,515,241</b>	<b>\$5,977,059</b>

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

<b>12 - Snow and Ice Operations &amp; Materials</b>	\$4,759,457	\$1,958,220	\$3,276,304
<b>13 - District Maintenance</b> (Mowing, Litter Management, Sight Distance Clearing, Etc.)	\$791,742	\$679,067	\$757,846
<b>Section II Total</b>	<b>\$5,551,199</b>	<b>\$2,637,287</b>	<b>\$4,034,150</b>

**Grand Total NFA: \$11,091,127 \$8,152,528 \$10,011,209**

Massachusetts Department of Transportation - Highway Division  
Summary of Operating and Maintenance Expenditures  
Nantucket - Part 1: Non-Federal Aid

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

3/31/2013

Program Group/Sub Group	Estimated SFY 2011 NFA Expenditures	Estimated SFY 2012 NFA Expenditures	Estimated SFY 2013 NFA Expenditures
<b>01 - Bridge Repair &amp; Replacement</b>			
New Bridge (Excluded)	n/a	n/a	n/a
Bridge Replacement (Excluded)	n/a	n/a	n/a
Bridge Reconstruction/Rehab	\$0	\$0	\$0
Drawbridge Maintenance	\$0	\$0	\$0
Structure Maintenance	\$118,046	\$110,961	\$120,870
<b>02 - Bridge Painting</b>			
Painting - Structural	\$0	\$0	\$0
<b>03 - Roadway Reconstruction</b>			
Hwy Relocation (Excluded)	n/a	n/a	n/a
Hwy Recon - Added Capacity (Excluded)	n/a	n/a	n/a
New Construction (Excluded)	n/a	n/a	n/a
Hwy Reconst - Restr and Rehab	\$0	\$621	\$207
Hwy Reconst - No Added Capacity	\$0	\$0	\$0
Hwy Reconst - Minor Widening	\$0	\$0	\$0
Hwy Reconst - Major Widening	\$0	\$0	\$0
<b>04 - Roadway Resurfacing</b>			
Resurfacing	\$24,302	\$25,785	\$51,571
<b>05 - Intersection &amp; Safety</b>			
Impact Attenuators	\$662	\$837	\$734
Safety Improvements	\$0	\$0	\$0
Traffic Signals	\$1,606	\$0	\$1,396
<b>06 - Signs &amp; Lighting</b>			
Lighting and Electrical	\$1,378	\$2,978	\$2,486
Sign Installation / Upgrading	\$2,406	\$2,382	\$2,481
Structural Signing	\$7	\$19	\$9
<b>07 - Guardrail</b>			
Guard Rail and Fencing	\$7,161	\$3,564	\$5,630
<b>08 - Maintenance</b>			
Catch Basin Cleaning	\$11,205	\$14,844	\$13,625
Crack Sealing	\$1,002	\$3,647	\$1,550
Landscape and Roadside Develop	\$1,217	\$2,049	\$1,089
Mowing and Spraying	\$287	\$338	\$208
Pavement Marking	\$6,531	\$8,953	\$7,830
Sewer and Water	\$949	\$272	\$407
Process/Recycle/Transprt Soils	\$0	\$6	\$2
Contract Hwy Maint	\$10,549	\$15,806	\$8,785
<b>09 - Facilities</b>			
Chemical Storage Sheds	\$478	\$106	\$195
Vertical Construction		\$3,612	\$1,204
<b>10 - Bikeways (Excluded)</b>	n/a	n/a	n/a
<b>11 - Other</b>			
Miscellaneous / No Prequal	\$2,865	\$3,678	\$3,383
Asbestos Removal	\$0	\$0	\$0
Demolition	\$0	\$0	\$0
Drilling and Boring	\$239	\$34	\$91
Hazardous Waste Remediation	\$66	\$26	\$30
Utilities	\$0	\$0	\$0
Change in Project Value	\$0	\$0	\$0
Highway Sweeping	\$0	\$0	\$0
Intelligent Transportation Sys	\$0	\$0	\$0
Unknown	\$618	\$0	\$206
Underground Tank Removal/ Rep ace	\$0	\$0	\$0
<b>Section I Total</b>	<b>\$190,956</b>	<b>\$200,518</b>	<b>\$224,008</b>

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

12 - Snow and Ice Operations & Materials	\$234,792	\$96,602	\$161,626
13 - District Maintenance (Mowing, Litter Management, Sight Distance Cleaning, Etc.)	\$39,058	\$33,500	\$37,386
<b>Section II Total</b>	<b>\$273,851</b>	<b>\$130,102</b>	<b>\$199,012</b>

**Grand Total NFA: \$464,807 \$330,620 \$423,020**

Massachusetts Department of Transportation - Highway Division  
Summary of Operating and Maintenance Expenditures  
Northern Middlesex - Part 1: Non-Federal Aid

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

3/31/2013

Program Group/Sub Group	Estimated SFY 2011 NFA Expenditures	Estimated SFY 2012 NFA Expenditures	Estimated SFY 2013 NFA Expenditures
<b>01 - Bridge Repair &amp; Replacement</b>			
New Bridge (Excluded)	n/a	n/a	n/a
Bridge Replacement (Excluded)	n/a	n/a	n/a
Bridge Reconstruction/Rehab	\$13,981,412	\$6,163,750	\$12,607,018
Drawbridge Maintenance	\$152,649	\$94,578	\$129,465
Structure Maintenance	\$4,940,022	\$4,221,442	\$4,983,961
<b>02 - Bridge Painting</b>			
Painting - Structural	\$0	\$0	\$0
<b>03 - Roadway Reconstruction</b>			
Hwy Relocation (Excluded)	n/a	n/a	n/a
Hwy Recon - Added Capacity (Excluded)	n/a	n/a	n/a
New Construction (Excluded)	n/a	n/a	n/a
Hwy Reconst - Restr and Rehab	\$0	\$11,017	\$3,672
Hwy Reconst - No Added Capacity	\$0	\$0	\$2,940
Hwy Reconst - Minor Widening	\$0	\$0	\$0
Hwy Reconst - Major Widening	\$0	\$0	\$0
<b>04 - Roadway Resurfacing</b>			
Resurfacing	\$431,477	\$457,808	\$915,616
<b>05 - Intersection &amp; Safety</b>			
Impact Attenuators	\$11,747	\$14,857	\$13,039
Safety Improvements	\$0	\$0	\$0
Traffic Signals	\$32,783	\$27,424	\$35,345
<b>06 - Signs &amp; Lighting</b>			
Lighting and Electrical	\$24,457	\$52,867	\$44,322
Sign Installation / Upgrading	\$42,718	\$42,297	\$44,220
Structural Signing	\$130	\$343	\$158
<b>07 - Guardrail</b>			
Guard Rail and Fencing	\$127,141	\$63,274	\$99,951
<b>08 - Maintenance</b>			
Catch Basin Cleaning	\$198,946	\$263,546	\$241,906
Crack Sealing	\$17,798	\$64,752	\$27,517
Landscape and Roadside Develop	\$21,603	\$36,382	\$19,329
Mowing and Spraying	\$5,089	\$6,005	\$3,698
Pavement Marking	\$115,947	\$158,957	\$139,014
Sewer and Water	\$16,847	\$4,827	\$7,225
Process/Recycle/Transprt Soils	\$0	\$111	\$37
Contract Hwy Maint	\$187,299	\$280,635	\$155,978
<b>09 - Facilities</b>			
Chemical Storage Sheds	\$456,328	\$2,529,925	\$995,418
Vertical Construction		\$0	\$0
<b>10 - Bikeways (Excluded)</b>	n/a	n/a	n/a
<b>11 - Other</b>			
Miscellaneous / No Prequal	\$50,867	\$952,367	\$355,750
Asbestos Removal	\$0	\$0	\$0
Demolition	\$0	\$0	\$0
Drilling and Boring	\$4,236	\$601	\$1,612
Hazardous Waste Remediation	\$1,169	\$453	\$541
Utilities	\$0	\$0	\$0
Change in Project Value	\$0	\$0	\$0
Highway Sweeping	\$0	\$0	\$0
Intelligent Transportation Sys	\$0	\$0	\$0
Unknown	\$10,981	\$0	\$3,660
Underground Tank Removal Replace	\$0	\$0	\$0
<b>Section I Total:</b>	<b>\$20,831,645</b>	<b>\$15,448,220</b>	<b>\$20,831,380</b>

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

<b>12 - Snow and Ice Operations &amp; Materials</b>	\$4,172,476	\$1,716,714	\$2,872,239
<b>13 - District Maintenance</b> (Mowing, Litter Management, Sight Distance Cleaning, Etc.)	\$694,097	\$595,318	\$664,381
<b>Section II Total:</b>	<b>\$4,866,573</b>	<b>\$2,312,032</b>	<b>\$3,536,620</b>

**Grand Total NFA:** **\$25,698,218**      **\$17,760,252**      **\$24,368,010**

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

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

3/31/2013

Program Group/Sub Group	Estimated SFY 2011 NFA Expenditures	Estimated SFY 2012 NFA Expenditures	Estimated SFY 2013 NFA Expenditures
<b>01 - Bridge Repair &amp; Replacement</b>			
New Bridge (Excluded)	n/a	n/a	n/a
Bridge Replacement (Excluded)	n/a	n/a	n/a
Bridge Reconstruction/Rehab	\$0	\$0	\$645,577
Drawbridge Maintenance	\$174,280	\$107,981	\$147,810
Structure Maintenance	\$3,094,940	\$2,282,715	\$2,695,283
	\$0		
<b>02 - Bridge Painting</b>			
Painting - Structure	\$0	\$0	\$0
<b>03 - Roadway Reconstruction</b>			
Hwy Relocation (Excluded)	n/a	n/a	n/a
Hwy Recon. - Added Capacity (Excluded)	n/a	n/a	n/a
New Construction (Excluded)	n/a	n/a	n/a
Hwy Reconstr - Restr and Rehab	\$788	\$12,579	\$7,812
Hwy Reconstr - No Added Capacity	\$0	\$0	\$0
Hwy Reconstr - Minor Widening	\$0	\$0	\$0
Hwy Reconstr - Major Widening	\$0	\$0	\$0
<b>04 - Roadway Resurfacing</b>			
Resurfacing	\$494,055	\$546,914	\$1,093,827
<b>05 - Intersection &amp; Safety</b>			
Impact Attenuators	\$13,411	\$16,962	\$10,124
Safety Improvements	\$0	\$0	\$18,284
Traffic Signals	\$32,554	\$31,311	\$21,288
<b>06 - Signs &amp; Lighting</b>			
Lighting and Electrical	\$27,923	\$60,358	\$47,559
Sign Installation / Upgrading	\$48,771	\$48,291	\$32,354
Structural Signing	\$148	\$392	\$180
<b>07 - Guardrail</b>			
Guard Rail and Fencing	\$145,157	\$72,241	\$72,466
<b>08 - Maintenance</b>			
Catch Basin Cleaning	\$227,138	\$300,892	\$176,010
Crack Sealing	\$20,320	\$73,928	\$31,416
Landscape and Roads de Develop	\$24,665	\$41,538	\$22,067
Mowing and Spraying	\$5,810	\$6,856	\$58,315
Pavement Marking	\$132,377	\$181,482	\$104,620
Sewer and Water	\$19,234	\$5,511	\$8,248
Process/Recycle/Transport Soils	\$0	\$127	\$42
Contract Hwy Maint	\$213,840	\$320,403	\$178,081
<b>09 - Facilities</b>			
Chemical Storage Sheds	\$9,697	\$2,154	\$52,519
Vertical Construction	\$126,209	\$73,213	\$66,474
<b>10 - Bikeways (Excluded)</b>	n/a	n/a	n/a
<b>11 - Other</b>			
Miscellaneous / No Prequal	\$58,075	\$74,545	\$44,207
Asbestos Removal	\$0	\$0	\$0
Demolition	\$0	\$0	\$0
Drilling and Boring	\$4,836	\$686	\$1,841
Hazardous Waste Remediation	\$1,335	\$517	\$617
Utilities	\$0	\$0	\$0
Change in Project Value	\$0	\$0	\$0
Highway Sweeping	\$0	\$0	\$0
Intelligent Transportation Sys	\$0	\$0	\$0
Unknown	\$12,537	\$0	\$4,179
Underground Tank Removal Replace	\$0	\$0	\$0
<b>Section I Total</b>	<b>\$4,888,100</b>	<b>\$4,261,584</b>	<b>\$5,541,202</b>

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

<b>12 - Snow and Ice Operations &amp; Materials</b>	\$4,866,074	\$2,002,086	\$3,349,697
<b>13 - District Maintenance</b> ( Mowing, Litter Management, Sight Distance Clearing, Etc )	\$809,478	\$694,279	\$774,822
<b>Section II Total</b>	<b>\$5,675,552</b>	<b>\$2,696,365</b>	<b>\$4,124,519</b>

**Grand Total NFA: \$10,563,652 \$6,957,960 \$9,665,721**

Massachusetts Department of Transportation - Highway Division  
Summary of Operating and Maintenance Expenditures  
Pioneer Valley Region - Part 1: Non-Federal Aid

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

3/31/2013

Program Group/Sub Group	Estimated SFY 2011 NFA Expenditures	Estimated SFY 2012 NFA Expenditures	Estimated SFY 2013 NFA Expenditures
<b>01 - Bridge Repair &amp; Replacement</b>			
New Bridge (Excluded)	n/a	n/a	n/a
Bridge Replacement (Excluded)	n/a	n/a	n/a
Bridge Reconstruction/Rehab	\$770,280	\$3,415,864	\$1,395,381
Drawbridge Maintenance	\$422,457	\$261,747	\$359,368
Structure Maintenance	\$14,873,667	\$9,571,064	\$16,477,008
<b>02 - Bridge Painting</b>			
Painting - Structural	\$0	\$0	\$0
<b>03 - Roadway Reconstruction</b>			
Hwy Relocation (Excluded)	n/a	n/a	n/a
Hwy Recon - Added Capacity (Excluded)	n/a	n/a	n/a
New Construction (Excluded)	n/a	n/a	n/a
Hwy Reconst - Restr and Rehab	\$1,910	\$30,491	\$19,004
Hwy Reconst - No Added Capacity	\$730,412	\$0	\$302,421
Hwy Reconst - Minor Widening	\$0	\$78,122	\$39,494
Hwy Reconst - Major Widening	\$0	\$0	\$0
<b>04 - Roadway Resurfacing</b>			
Resurfacing	\$1,830,419	\$1,266,989	\$2,533,977
<b>05 - Intersection &amp; Safety</b>			
Impact Attenuators	\$32,510	\$41,116	\$36,180
Safety Improvements	\$0	\$0	\$0
Traffic Signals	\$78,911	\$75,897	\$94,227
<b>06 - Signs &amp; Lighting</b>			
Lighting and Electrical	\$424,840	\$160,463	\$291,541
Sign Installation / Upgrading	\$118,222	\$117,059	\$122,741
Structural Signing	\$359	\$951	\$436
<b>07 - Guardrail</b>			
Guard Rail and Fencing	\$351,864	\$175,113	\$277,448
<b>08 - Maintenance</b>			
Catch Basin Cleaning	\$550,586	\$729,368	\$671,480
Crack Sealing	\$49,256	\$179,202	\$76,153
Landscape and Roadside Develop	\$59,787	\$100,688	\$53,492
Mowing and Spraying	\$14,084	\$16,619	\$10,234
Pavement Marking	\$320,883	\$439,915	\$385,802
Sewer and Water	\$48,808	\$13,359	\$20,722
Process/Recycle/Transprt Solids	\$0	\$307	\$102
Contract Hwy Maint	\$518,351	\$776,661	\$431,671
<b>09 - Facilities</b>			
Chemical Storage Sheds	\$23,505	\$5,221	\$9,575
Vertical Construction	\$305,933	\$177,470	\$283,710
<b>10 - Bikeways (Excluded)</b>	n/a	n/a	n/a
<b>11 - Other</b>			
Miscellaneous / No Prequal	\$140,775	\$180,699	\$166,699
Asbestos Removal	\$0	\$0	\$0
Demolition	\$0	\$0	\$0
Drilling and Boring	\$11,724	\$1,664	\$4,463
Hazardous Waste Remediation	\$3,235	\$1,254	\$1,496
Utilities	\$0	\$0	\$0
Change in Project Value	\$0	\$0	\$0
Highway Sweeping	\$0	\$28,066	\$9,356
Intelligent Transportation Sys	\$0	\$0	\$0
Unknown	\$30,389	\$0	\$10,130
Underground Tank Removal/Replace	\$0	\$0	\$0
<b>Section I Total:</b>	<b>\$21,713,168</b>	<b>\$17,845,369</b>	<b>\$24,084,311</b>

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

<b>12 - Snow and Ice Operations &amp; Materials</b>	\$11,536,743	\$4,746,650	\$7,941,636
<b>13 - District Maintenance</b> (Mowing, Litter Management, Sight Distance Cleaning, Etc.)	\$1,919,152	\$1,646,033	\$1,836,989
<b>Section II Total:</b>	<b>\$13,455,895</b>	<b>\$6,392,683</b>	<b>\$9,778,625</b>

**Grand Total NFA: \$35,169,063 \$24,238,051 \$33,862,936**

Massachusetts Department of Transportation - Highway Division  
 Summary of Operating and Maintenance Expenditures  
 Southeastern Mass - Region Part 1: Non-Federal Aid

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

3/31/2013

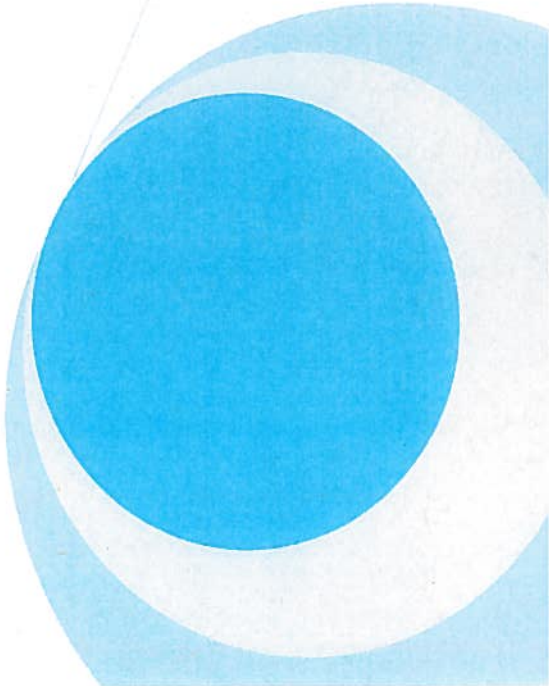
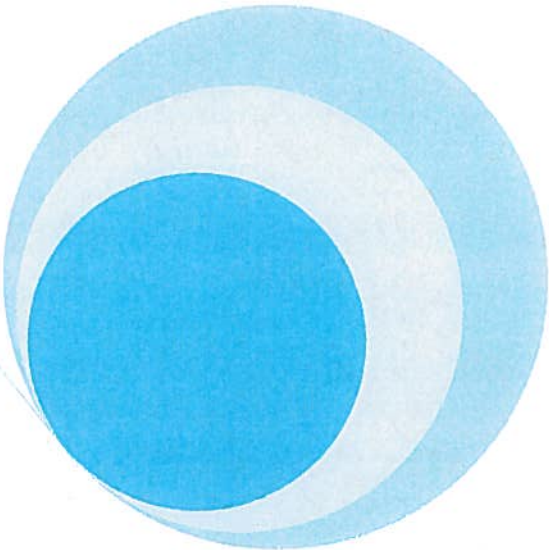
Program Group/Sub Group	Estimated SFY 2011 NFA Expenditures	Estimated SFY 2012 NFA Expenditures	Estimated SFY 2013 NFA Expenditures
<b>01 - Bridge Repair &amp; Replacement</b>			
New Bridge (Excluded)	n/a	n/a	n/a
Bridge Replacement (Excluded)	n/a	n/a	n/a
Bridge Reconstruction/Rehab	\$264,440	\$1,078,826	\$447,755
Drawbridge Maintenance	\$350,166	\$216,957	\$303,548
Structure Maintenance	\$17,982,889	\$22,553,980	\$17,385,047
<b>02 - Bridge Painting</b>			
Painting - Structural	\$0	\$0	\$0
<b>03 - Roadway Reconstruction</b>			
Hwy Relocation (Excluded)	n/a	n/a	n/a
Hwy Recon. - Added Capacity (Excluded)	n/a	n/a	n/a
New Construction (Excluded)	n/a	n/a	n/a
Hwy Reconstr - Restr and Rehab	\$1,583	\$25,273	\$16,106
Hwy Reconstr - No Added Capacity	\$0	\$0	\$0
Hwy Reconstr - Minor Widening	\$0	\$0	\$0
Hwy Reconstr - Major Widening	\$0	\$0	\$0
<b>04 - Roadway Resurfacing</b>			
Resurfacing	\$989,780	\$1,068,906	\$2,137,813
<b>05 - Intersection &amp; Safety</b>			
Impact Attenuators	\$26,947	\$34,080	\$20,342
Safety Improvements	\$0	\$0	\$37,172
Traffic Signals	\$65,408	\$103,696	\$56,584
<b>06 - Signs &amp; Lighting</b>			
Lighting and Electrical	\$56,103	\$121,273	\$97,771
Sign Installation / Upgrading	\$97,992	\$97,027	\$65,007
Structural Signing	\$297	\$788	\$362
<b>07 - Guardrail</b>			
Guard Rail and Fencing	\$291,653	\$145,147	\$145,600
<b>08 - Maintenance</b>			
Catch Basin Cleaning	\$456,370	\$604,557	\$353,642
Crack Sealing	\$40,827	\$148,537	\$63,121
Landscape and Roadside Develop	\$49,557	\$83,458	\$44,338
Mowing and Spraying	\$11,674	\$13,775	\$123,777
Pavement Marking	\$265,974	\$364,636	\$210,203
Sewer and Water	\$38,645	\$11,073	\$16,573
Process Recycle/Transprt Soils	\$0	\$254	\$85
Contract Hwy Maint	\$429,650	\$643,758	\$357,803
<b>09 - Facilities</b>			
Chemical Storage Sheds	\$19,483	\$4,328	\$111,457
Vertical Construction	\$253,581	\$147,101	\$133,561
<b>10 - Bikeways (Excluded)</b>	n/a	n/a	n/a
<b>11 - Other</b>			
Miscellaneous / No Prequal	\$116,685	\$149,777	\$88,821
Asbestos Removal	\$0	\$0	\$0
Demolition	\$0	\$0	\$0
Drilling and Boring	\$9,717	\$1,379	\$3,699
Hazardous Waste Remediation	\$2,681	\$1,039	\$1,240
Utilities	\$0	\$0	\$0
Change in Project Value	\$0	\$0	\$0
Highway Sweeping	\$0	\$36,286	\$12,096
Intelligent Transportation Sys	\$0	\$0	\$0
Unknown	\$25,189	\$0	\$8,396
Underground Tank Removal Replace	\$0	\$0	\$0
<b>Section I Total:</b>	<b>\$21,847,292</b>	<b>\$27,655,815</b>	<b>\$22,241,921</b>

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

12 - Snow and Ice Operations & Materials	\$9,562,565	\$3,934,399	\$6,582,656
13 - District Maintenance (Mowing, Litter Management, Sight Distance Clearing, Etc.)	\$1,590,745	\$1,364,362	\$1,522,642
<b>Section II Total:</b>	<b>\$11,153,310</b>	<b>\$5,298,761</b>	<b>\$8,105,298</b>

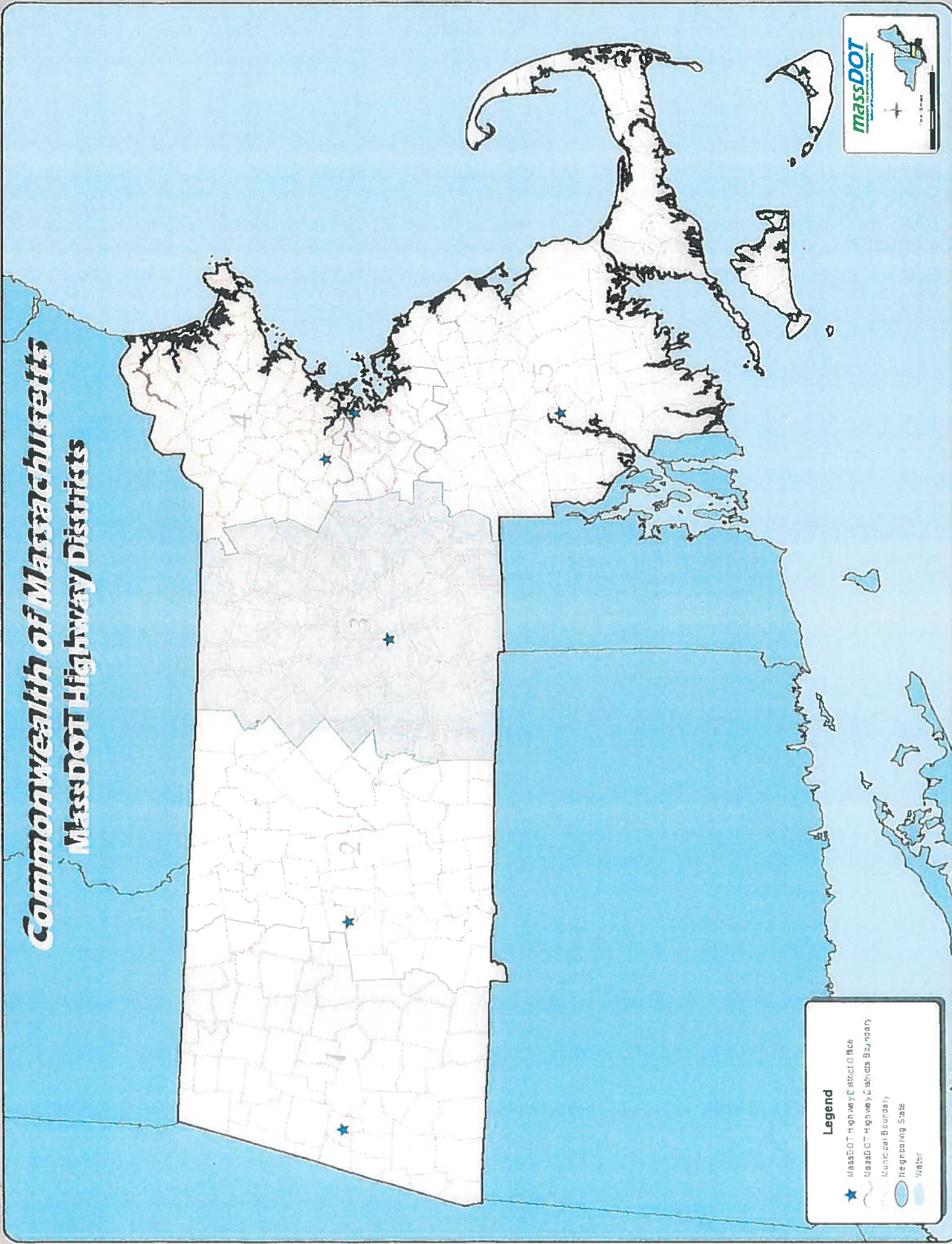
**Grand Total NFA: \$33,000,601 \$32,954,676 \$30,347,219**

**Appendix E**  
**Maps**

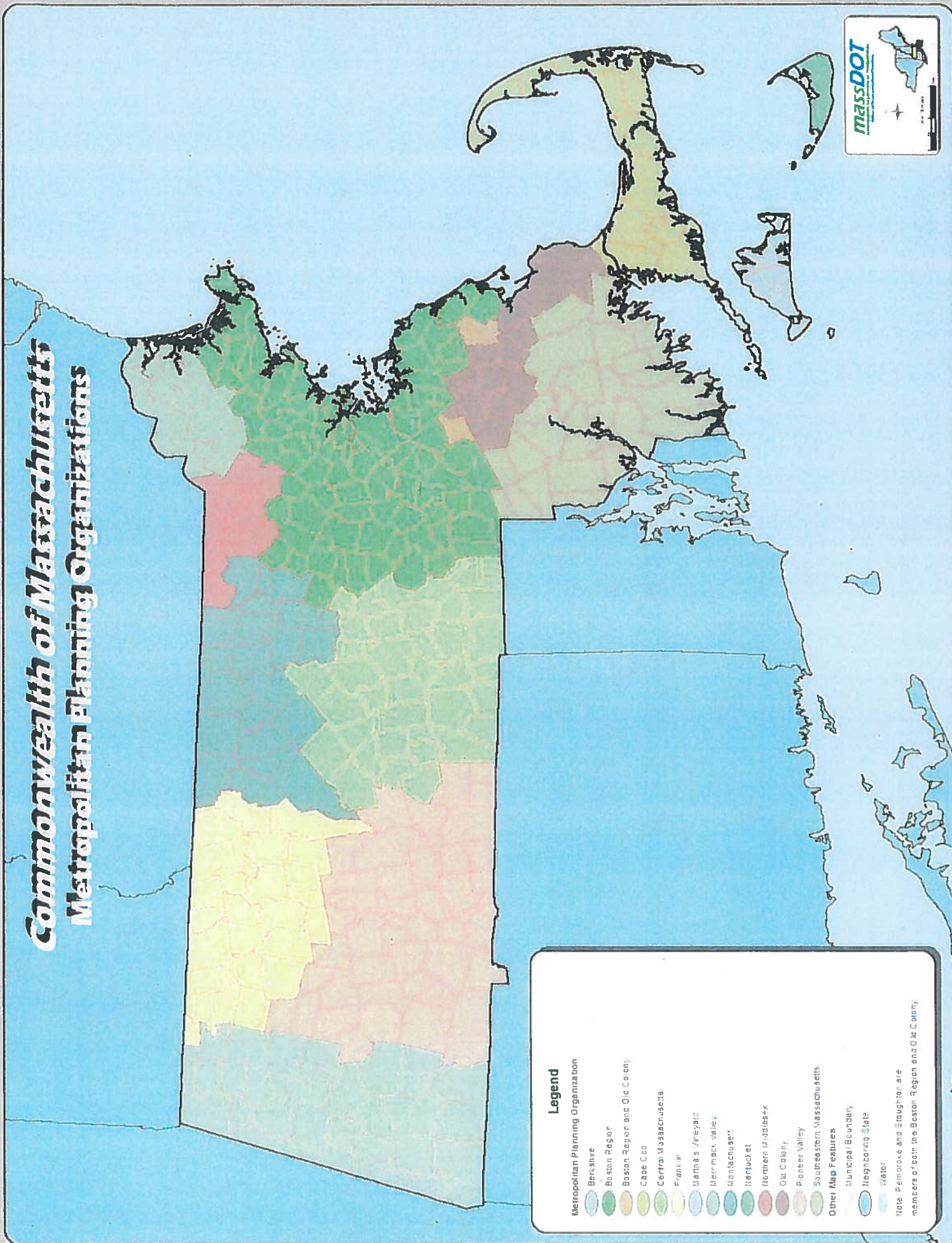




# Commonwealth of Massachusetts MassDOT Highway Districts



# Commonwealth of Massachusetts Metropolitan Planning Organizations

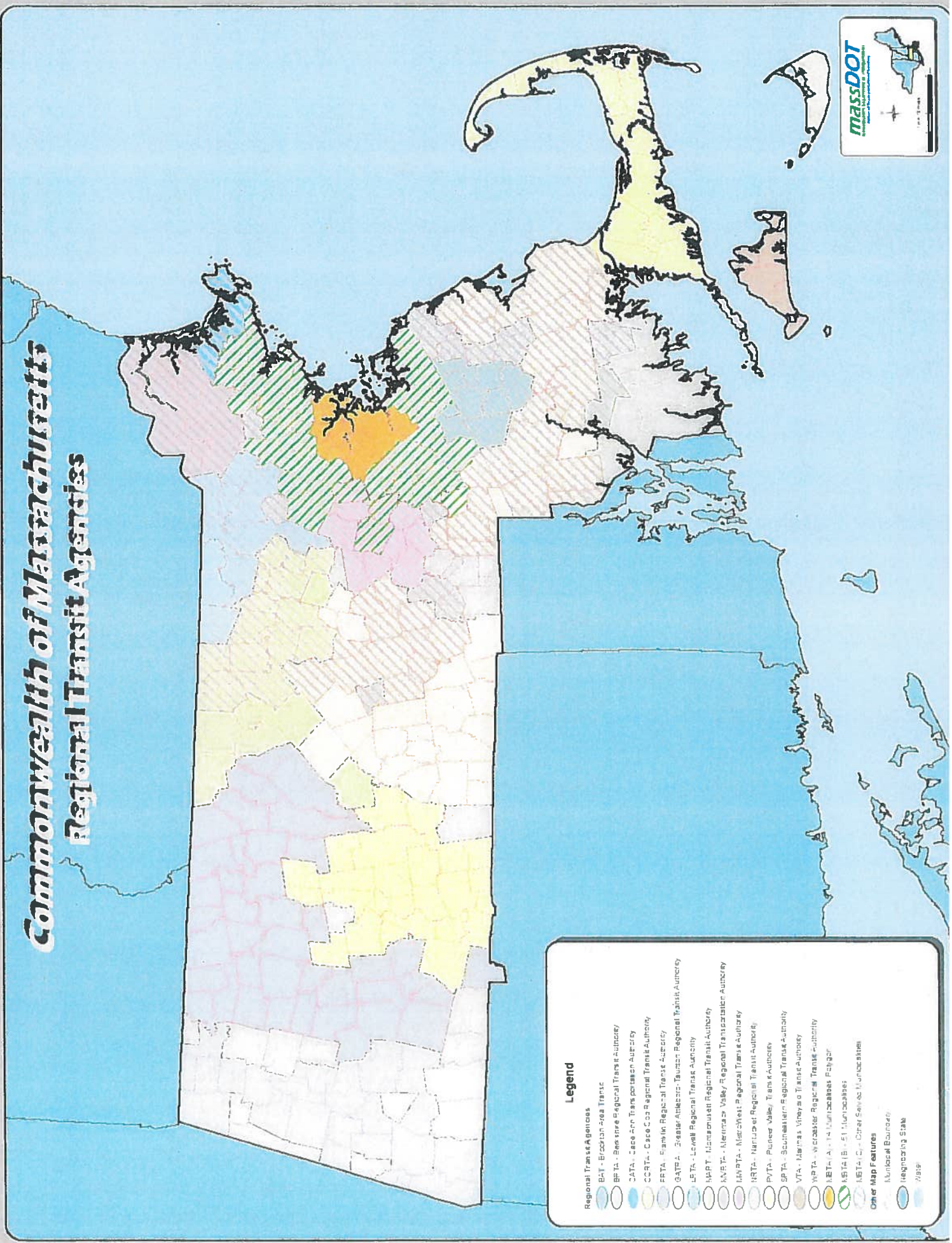


**Legend**

- Metropolitan Planning Organization
  - Berkshire
  - Boston Region
  - Boston Region and Old Colony
  - Cape Cod
  - Central Massachusetts
  - Franklin
  - Wachusett / Freetown
  - Merrimack Valley
  - Montachusett
  - Nantucket
  - Northern Middlesex
  - Old Colony
  - Pioneer Valley
  - Southeastern Massachusetts
- Other Map Features
  - Municipal Boundary
  - Neighboring State
  - Water

Note: Pembroke and Saughor are members of both the Boston Region and Old Colony.

# Commonwealth of Massachusetts Regional Transit Agencies



**Legend**

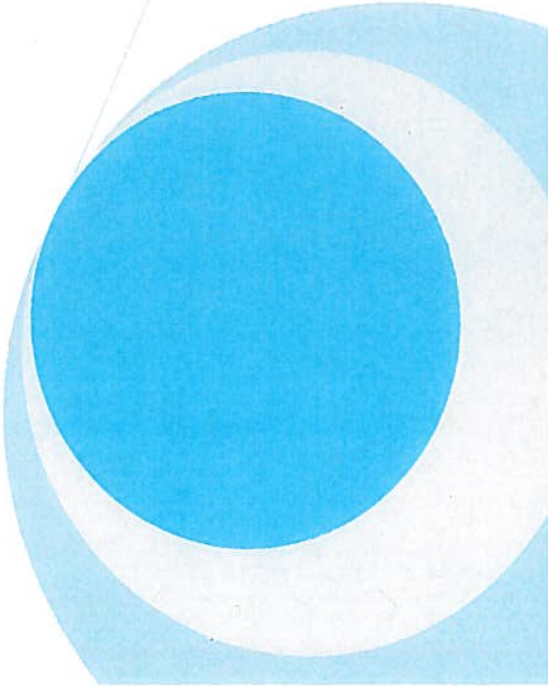
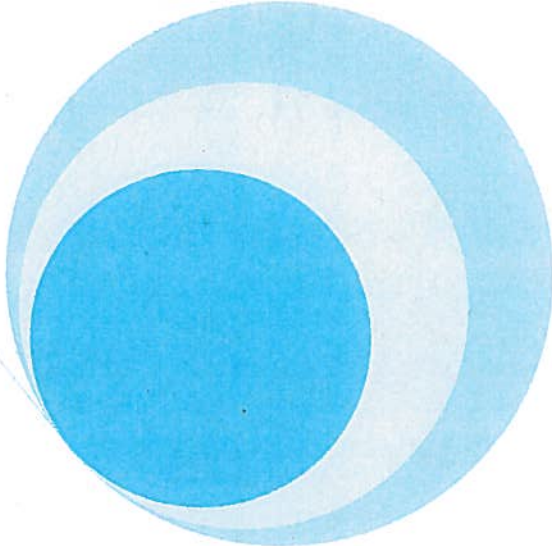
**Regional Transit Agencies**

- BAT - Boston Area Transit
- BPFA - Berkshire Regional Transit Authority
- CATA - Cape Ann Transportation Authority
- CCRTA - Cape Cod Regional Transit Authority
- FRTA - Franklin Regional Transit Authority
- GATRA - Greater Attleboro-Taunton Regional Transit Authority
- LRTA - Lowell Regional Transit Authority
- MART - Metropolitan Regional Transit Authority
- MVRTA - Merrimack Valley Regional Transportation Authority
- MNRTA - Middlesex-Norfolk Regional Transit Authority
- NRTA - North of Region B Transit Authority
- PVRTA - Pioneer Valley Transportation Authority
- SPTA - Southeastern Regional Transit Authority
- VTA - Western Valley Regional Transit Authority
- WVRTA - Worcester Regional Transit Authority
- MBTA - Massachusetts Bay Transportation Authority
- MBTA - Orange Line
- MBTA - Commuter Rail

**Other Map Features**

- Municipal Boundaries
- Neighboring States
- Water

**Appendix F**  
**Accelerated Bridge**  
**Program**





# Accelerated Bridge Program

## DECEMBER 2012 UPDATE

## Executive Summary

This November the Accelerated Bridge Program (ABP) received a new honor – *ENR New York's Best Overall Project of 2012*. The Engineering News Record (ENR) covers New York, New Jersey and New England, with the *93Fast14 Rapid Bridge Replacement Project* being chosen from 104 entries submitted in the northeast region. The winning project must demonstrate the use of innovation and creativity, and applicants must discuss how they overcame challenges to get the job done. The *93Fast14* met these criteria, with the project judges calling the project's accelerated work schedule “trendsetting”, noting the “incredible coordination” exhibited by the entire team. In addition to being named Best Overall Project, the project also received Best Transportation Project and a Safety Merit Award. These three awards once again demonstrate that MassDOT is fulfilling its mission to be a ‘transportation organization focused on customer service and safety.’ The ABP continues to strive to reduce construction durations while maintaining safety and mobility.

As reported in September, the 2012 construction season has been particularly active. Two of the five Mega-Projects are now under construction, with the remaining three projects currently advancing through the procurement phase. Work continues on the Kenneth Burns Memorial Bridge project, which began active construction in August, while more recently MassDOT broke ground in Quincy-Weymouth, initiating construction of the Fore River Bridge. This quarter there were a total of 70 projects under construction, of which 16 were declared substantially complete. This brings the total for calendar year 2012 to 34 and the total for the program to 115. In November 2012 another major milestone was reached when the expenditures associated with the ABP exceeded the \$1 billion mark. Over \$700 million of this has been spent on direct construction costs, resulting in a 20% reduction in the number of structurally deficient bridges.



**Ground Breaking Ceremony for the new Fore River Bridge between Quincy and Weymouth held November 9, 2012**

In 2011 MassDOT had explored the use of the Construction Manager/General Contractor (CMGC) procurement method for the Longfellow Bridge Project. Ultimately this procurement method was not selected; instead MassDOT adopted a modified design-build procurement method. Unlike traditional design-build, the modified process allows for a series of confidential one-on-one meetings with the shortlisted design-build teams. These meetings provide the bidders with an opportunity to present their Alternative Technical Concepts (ATCs) and receive feedback from MassDOT. This method encourages the design-build teams to think creatively and to propose innovative concepts, but provides them with a level of reassurance that MassDOT will accept their proposals and adopt their ideas. The Longfellow one-on-one meetings recently concluded and the feedback from those involved has been positive. Consequently, MassDOT is already identifying other projects that could benefit from this procurement method.

This quarter the Accelerated Bridge Program staff has been finalizing the 2013 Annual Bridge Repair Plan. It is currently anticipated that 17 of the remaining 26 projects will be advertised for construction by the end of September 2013, with another 27 being declared substantially complete. That will leave only 9 projects, less than 5% of the program total, to be advertised, and 60 projects, or 30%, to be completed in the remaining three years of the program. To date 177 projects with a combined construction budget of \$2.1B have been advertised.

Ensuring access and opportunity continues to be a priority for both MassDOT and the ABP. Of the \$1.28 billion awarded in design and construction contracts, \$172 million (or 13.4%) was committed to businesses owned by women or minorities. In construction, \$84.3 million (7.3%) was committed to firms owned by women and \$60.7 million (5.2%) was committed to minority owned firms. In design \$13.5 million (11.2%) was awarded to women owned business while \$13.9 million (11%) was secured by minority owned businesses. The ABP investment has also created and sustained thousands of jobs across the Commonwealth. This quarter the number of direct construction jobs associated with the program rose to 18,859, which brings the estimated total number of jobs created or sustained to 65,000.

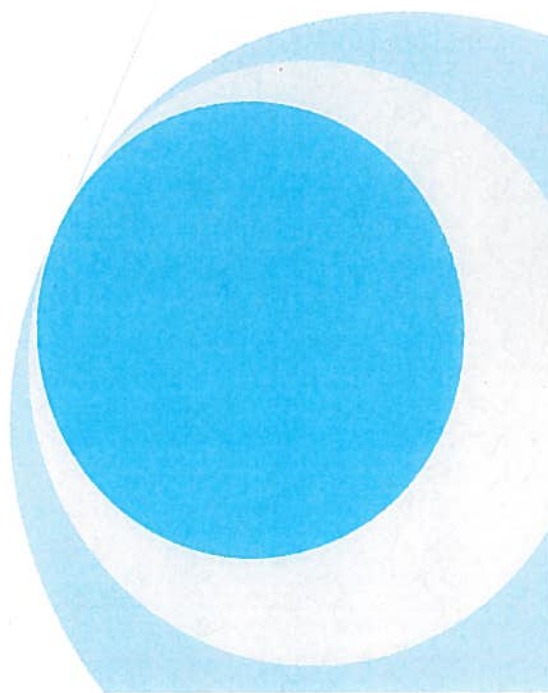
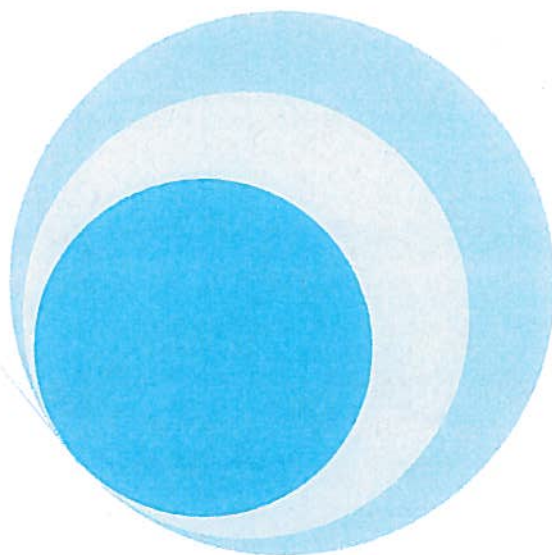
The 2011 construction season firmly established MassDOT as a leader in innovation and brought much acclaim for both the program and its projects. This past year proved no different. The 2012 season was launched in April with the River Street 'Heavy lift' that once again allowed the ABP to replace a bridge in just one weekend. Throughout the season MassDOT continued, where possible, to use precast and prefabricated bridge elements to minimize impacts for the customers that we serve. At these locations every effort was made to shorten the duration of work in the roadway and technology was used to complete projects quickly and efficiently. While 2011 was a season of firsts for MassDOT, in 2012 the ABP continued to build upon that momentum, expanding the use of accelerated bridge construction methods. As more projects are completed and more staff are exposed to these new techniques, MassDOT will continue to evaluate the lessons learned and strive to identify additional opportunities to save both time and money. The remaining years of the program will bring plenty of challenges, especially with the major projects under construction, and the ABP will continue to foster partnerships with both project stakeholders and contractors to address those challenges together. Projects such as the 93Fast14 have demonstrated that it is only through collaboration, with shared goals and values that projects are delivered successfully.



Between Dover and Needham, the Willow Street Bridge has been replaced using a precast arch, faced with stones from the original bridge to maintain its historic character

Victoria Sheehan  
Accelerated Bridge Program

**Appendix G  
Advance Construction  
Projects**





Statewide Bridge Program Projects

7/31/13 Total Federal Participating Cost (including State Match)

PROJ #	Description	2013	2014	2015	2016	2017	Total Future/Remaining A/C Conversions	Total Federal Participating Cost
<b>FY13 Advertisements</b>								
60711	Needham - Wellesley - Bridge Rehab Replacement On I-95/Route 128 (Add-A-Lane - Bridge V) Bridge funds only - See project AC Chart for full TFP	\$2,000,000	\$8,500,000	\$0	\$0	\$0	\$8,500,000	\$10,500,000
604029	Oak Bluffs - Tisbury - Bridge Replacement, O-01-001 - T-04-001, Beach Road Over Lagoon Pond Diabridge	\$9,000,000	\$10,000,000	\$7,000,000	\$7,000,000	\$12,000,000	\$36,000,000	\$45,000,000
600703	Lexington - Bridge Replacement, L-10-009, Route 2 (EB & WB) Over Route I-95 (Route 128)	\$1,800,000	\$15,000,000	\$13,200,000	\$5,108,000	\$0	\$33,308,000	\$35,108,000
605223	Fall River - Interchange Improvements At Route I-95/Route 79 Route 138	\$49,000,000	\$31,075,000	\$6,600,000	\$12,040,119	\$0	\$99,715,119	\$98,715,119
	<b>Scheduled A/C Conversions</b>		<b>\$64,575,000</b>	<b>\$26,800,000</b>	<b>\$24,148,119</b>	<b>\$12,000,000</b>	<b>\$127,523,119</b>	<b>\$189,323,119</b>
<b>FY14 Advertisements</b>								
607338	Gloucester - Route 128		\$8,450,000	\$8,800,000			\$8,800,000	\$17,250,000
604796	Dedham - Providence Hwy		\$5,859,000	\$5,009,550			\$5,009,550	\$10,868,550
	<b>Scheduled A/C Conversions</b>			<b>\$13,809,550</b>	<b>\$0</b>	<b>\$0</b>	<b>\$13,809,550</b>	<b>\$28,118,550</b>
<b>FY15 Advertisements</b>								
609867	Boston - Bridge Replacement, B-16-237, Massachusetts Avenue (Route 2A) Over Commonwealth Avenue			\$2,916,000	\$9,100,000	\$6,000,000	\$15,100,000	\$18,016,000
	<b>Scheduled A/C Conversions</b>			<b>\$2,916,000</b>	<b>\$9,100,000</b>	<b>\$6,000,000</b>	<b>\$15,100,000</b>	<b>\$18,016,000</b>
<b>FY16 Advertisements</b>								
604173	Boston - Bridge Rehabilitation, B-16-016, North Washington Street Over The Charles River				\$5,001,881	\$16,000,000	\$64,500,000	\$69,501,881
	<b>Scheduled A/C Conversions</b>				<b>\$5,001,881</b>	<b>\$16,000,000</b>	<b>\$64,500,000</b>	<b>\$69,501,881</b>
<b>FY17 Advertisements</b>								
604952	Lynn-Saugus - Route 107 over Saugus River					\$7,200,000	\$34,232,760	\$41,432,760
	<b>Scheduled A/C Conversions</b>					<b>\$7,200,000</b>	<b>\$34,232,760</b>	<b>\$41,432,760</b>
<b>FISCAL YEAR FEDERAL AID TOTALS:</b>		\$61,800,000	\$78,884,000	\$43,525,550	\$33,248,119	\$41,200,000	\$241,355,879	\$318,273,760
<b>NON - FEDERAL AID (TO BE CONVERTED TO FED. AID BY A/C CONVERSIONS AS SHOWN ABOVE)</b>		\$0	\$64,575,000	\$40,609,550	\$33,248,119	\$34,000,000	\$373,790,429	

Statewide Category Projects

July 31, 2015 Total Federal Participating Cost (including State Match)

FILE NO.	Funding	DESCRIPTION	FFY 13	FFY 14	FFY 15	FFY 16	FFY 17	Future/Remaining AC Conversions	PROJECT TOTAL
<b>FY 12 Advertisements</b>									
606427	STP-Flex	Highway Assistance Patrols, Area 2, 5 routes, 3 year contract*	\$600,000	\$1,328,535				\$1,928,535	\$3,128,535
606428	STP-Flex	Highway Assistance Patrols, Area 3, 5 routes, 3 year contract*	\$600,000	\$1,328,535				\$1,928,535	\$3,128,535
		<b>Scheduled AC Conversions</b>	<b>\$1,200,000</b>	<b>\$2,657,070</b>				<b>\$3,857,070</b>	<b>\$6,257,070</b>
<b>FY 14 Advertisements</b>									
605831	HSIP	West Springfield to Barnardston - Traffic Sign Replacement on Interstate 91		\$1,111,000	\$4,064,580	\$0	\$0	\$4,064,580	\$7,175,580
		<b>Scheduled AC Conversions</b>			<b>4,064,580</b>	<b>0</b>	<b>0</b>	<b>4,064,580</b>	<b>7,175,580</b>
<b>FY 15 Advertisements</b>									
606939	STP-Flex	Highway Assistance Patrols, Area 1, 6 routes, 3 year contract*			\$500,000	\$450,000	\$1,750,000	\$2,200,000	\$2,700,000
606940	STP-Flex	Highway Assistance Patrols, Area 2, 5 routes, 3 year contract*			\$500,000	\$450,000	\$1,450,000	\$1,900,000	\$2,400,000
606941	STP-Flex	Highway Assistance Patrols, Area 3, 5 routes, 3 year contract*			\$500,000	\$450,000	\$1,450,000	\$1,900,000	\$2,400,000
606942	STP-Flex	Highway Assistance Patrols, Area 4, 4 routes, 3 year contract*			\$500,000	\$400,000	\$1,200,000	\$1,600,000	\$2,100,000
606943	STP-Flex	Highway Assistance Patrols, Area 5, 4 routes, 3 year contract*			\$500,000	\$400,000	\$1,000,000	\$1,400,000	\$1,900,000
606944	STP-Flex	Highway Assistance Patrols, Area 6, 1 route, 3 year contract*			\$100,000	\$100,000	\$300,000	\$400,000	\$500,000
606930	STP-Flex	HOV lane Tow Truck Services for 2 years			\$228,800	\$350,000	\$350,000	\$350,000	\$928,800
606931	STP-Flex	HOV lane BTV Operator Contract, 2 year contract			\$228,800	\$800,000	\$800,000	\$800,000	\$1,828,800
606932	STP-Flex	HOV Operating Expenses for 2 years			\$228,800	\$200,000	\$200,000	\$200,000	\$628,800
		<b>Scheduled AC Conversions</b>		<b>\$0</b>	<b>\$0</b>	<b>\$3,600,000</b>	<b>\$7,150,000</b>	<b>\$10,750,000</b>	<b>\$15,396,400</b>
<b>FISCAL YEAR FEDERAL AID TOTALS:</b>			<b>\$1,200,000</b>	<b>\$2,657,070</b>	<b>\$7,350,980</b>	<b>\$3,600,000</b>	<b>\$8,500,000</b>	<b>\$14,607,070</b>	<b>\$28,819,050</b>
<b>NON - FEDERAL AID ( TO BE CONVERTED TO FED. AID BY A/C CONVERSIONS AS SHOWN ABOVE )</b>									
				<b>\$2,657,070</b>	<b>\$4,064,580</b>	<b>\$3,600,000</b>	<b>\$7,150,000</b>	<b>\$17,471,650</b>	

CONWAY- RETAINING WALL REPLACEMENT ON ROUTE 116 ALONG THE SOUTH RIVER

07/31/13 Total Federal Participating Cost (including State Match)

FILE NO	FUNDING CATEGORY	FFY 13	FFY 14	FFY 15	TOTAL
602280	STP	\$2,605,370	\$1,305,170	\$0	\$3,910,540
FISCAL YEAR FEDERAL AID TOTALS		\$2,605,370	\$1,305,170	\$0	\$3,910,540

NON - FEDERAL AID ( TO BE CONVERTED TO FED. AID BY A/C CONVERSIONS AS SHOWN ABOVE )	\$0	\$1,305,170	\$1,305,170
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DALTON - RECONSTRUCTION OF HOUSATONIC STREET

07/31/13 Total Federal Participating Cost (including State Match)

FILE NO	FUNDING CATEGORY	FFY 14	FFY 15	FFY 16	FFY 17	TOTAL
602280	STP			\$4,478,922	\$3,680,498	\$8,159,420
FISCAL YEAR FEDERAL AID TOTALS		\$0	\$0	\$4,478,922	\$3,680,498	\$8,159,420
NON - FEDERAL AID ( TO BE CONVERTED TO FED AID BY A/C CONVERSIONS AS SHOWN ABOVE )					\$3,680,498	\$3,680,498

NANTUCKET-SHARED USE PATH ON WASHINGTON STREET

7/31/2013 Total Federal Participating Cost (including State Match)

FILE NO	FUNDING CATEGORY	FFY 14	FFY 15	FFY 16	REMAINDER TOTAL
606433	STP	\$269,523	\$240,803		\$510,326
	Regional CMAQ	\$104,490	\$82,492		\$186,982
	Statewide CMAQ	\$352,984			\$352,984
FISCAL YEAR FEDERAL AID TOTALS:		\$374,013	\$323,295	\$0	\$1,050,292

REMAINDER OF NON - FEDERAL AID ( TO BE CONVERTED TO FED. AID BY A/C CONVERSIONS AS SHOWN ABOVE )	\$0	\$323,295	\$0	\$323,295
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PEMBROKE - RECONSTRUCTION ON ROUTE 14

07/31/13 Total Federal Participating Cost (including State Match)

FILE NO.	FUNDING CATEGORY	FFY 14	FFY 15	FFY 16	FFY 17	TOTAL
604957	STP		\$4,216,171	\$1,972,651		\$6,188,822
	CMAQ		\$2,184,820			\$2,184,820
	TAP		\$300,009	\$300,009		\$600,018
FISCAL YEAR FEDERAL AID TOTALS:		\$0	\$6,701,000	\$2,272,660	\$0	\$8,973,660

NON - FEDERAL AID ( TO BE CONVERTED TO FED. AID BY A/C CONVERSIONS AS SHOWN ABOVE )				\$2,272,660	\$0	\$2,272,660
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LEXINGTON- BRIDGE REPLACEMENT, L-10-009, ROUTE 2 (EB & WB) OVER ROUTE I-95 (ROUTE 128)

07/31/13 Total Federal Participating Cost (including State Match)

FILE NO.	FUNDING CATEGORY	FY 13	FFY 14	FFY 15	FFY 16	FFY 17	PROJECT TOTAL
600703	NHPP (Bridge) NHPP (IM)	\$1,800,000 \$3,700,000	\$15,000,000	\$13,200,000	\$5,108,000		\$35,108,000 \$3,700,000
FISCAL YEAR FEDERAL AID TOTALS:		\$5,500,000	\$15,000,000	\$13,200,000	\$5,108,000		\$38,808,000

NON - FEDERAL AID ( TO BE CONVERTED TO FED. AID BY A/C CONVERSIONS AS SHOWN ABOVE )	\$15,000,000	\$13,200,000	\$5,108,000	\$0	\$33,308,000
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Statewide Bridge Program Projects

7/31/13 Total Federal Participating Cost (including State Match)

PROJ #	Description	2013	2014	2015	2016	2017	Total Future/Remaining A/C Conversions	Total Federal Participating Cost
<b>FY13 Advertisements</b>								
603711	Needham- Wellesley- Bridge Rehab/Replacement On I-95/Route 128 (Add-A-Lane - Bridge V) Bridge funds only See project AC Chart for full TPCC	\$2,000,000	\$8,500,000	\$0	\$0	\$0	\$8,500,000	\$10,500,000
604029	Oak Bluffs- Tisbury- Bridge Replacement, O-01-001 - T-04-001, Beach Road Over Lagoon Pond Drawbridge	\$9,000,000	\$10,000,000	\$7,000,000	\$7,000,000	\$12,000,000	\$36,000,000	\$45,000,000
600703	Lexington- Bridge Replacement, L-10-009, Route 2 (EB & WB) Over Route I-95 (Route 128)	\$1,800,000	\$15,000,000	\$13,200,000	\$5,108,000	\$0	\$33,308,000	\$35,108,000
605223	Fall River- Interchange Improvements At Route I-195/Route 79/Route 138	\$49,000,000	\$31,075,000	\$6,600,000	\$12,040,119	\$0	\$49,715,119	\$98,715,119
	<b>Scheduled A/C Conversions</b>		<b>\$64,575,000</b>	<b>\$26,800,000</b>	<b>\$245,448,119</b>	<b>\$12,000,000</b>	<b>\$127,523,119</b>	<b>\$189,523,119</b>
<b>FY14 Advertisements</b>								
607138	Gloucester - Route 128		\$8,450,000	\$8,800,000			\$8,800,000	\$17,250,000
604796	Dedham - Providence Hwy		\$5,859,000	\$5,009,550			\$5,009,550	\$10,868,550
	<b>Scheduled A/C Conversions</b>			<b>\$13,809,550</b>	<b>\$0</b>	<b>\$0</b>	<b>\$13,809,550</b>	<b>\$23,118,550</b>
<b>FY15 Advertisements</b>								
600867	Boston- Bridge Replacement, B-16-237, Massachusetts Avenue (Route 2A) Over Commonwealth Avenue			\$2,916,000	\$9,100,000	\$6,000,000	\$15,100,000	\$18,016,000
	<b>Scheduled A/C Conversions</b>				<b>\$9,100,000</b>	<b>\$6,000,000</b>	<b>\$15,100,000</b>	<b>\$18,016,000</b>
<b>FY16 Advertisements</b>								
604173	Boston- Bridge Rehabilitation, B-16-016, North Washington Street Over The Charles River				\$5,001,881	\$16,000,000	\$64,500,000	\$69,501,881
	<b>Scheduled A/C Conversions</b>					<b>\$16,000,000</b>	<b>\$64,500,000</b>	<b>\$69,501,881</b>
<b>FY17 Advertisements</b>								
604952	Lynn-Saugus Route 107 over Saugus River					\$7,200,000	\$34,232,760	\$41,432,760
	<b>Scheduled A/C Conversions</b>					<b>\$7,200,000</b>	<b>\$34,232,760</b>	<b>\$41,432,760</b>
	<b>FISCAL YEAR FEDERAL AID TOTALS:</b>	\$61,800,000	\$78,884,000	\$43,525,550	\$33,248,119	\$41,200,000	\$241,355,879	\$318,273,760
9	<b>NON - FEDERAL AID ( TO BE CONVERTED TO FED. AID BY A/C CONVERSIONS AS SHOWN ABOVE )</b>	\$0	\$64,575,000	\$40,609,550	\$33,248,119	\$34,000,000	\$373,790,429	



CONWAY- RETAINING WALL REPLACEMENT ON ROUTE 116 ALONG THE SOUTH RIVER

07/31/13 Total Federal Participating Cost (including State Match)

FILE NO	FUNDING CATEGORY	FFY 13	FFY 14	FFY 15	TOTAL
602280	STP	\$2,605,370	\$1,305,170	\$0	\$3,910,540
FISCAL YEAR FEDERAL AID TOTALS:		\$2,605,370	\$1,305,170	\$0	\$3,910,540

NON - FEDERAL AID ( TO BE CONVERTED TO FED. AID BY A/C CONVERSIONS AS SHOWN ABOVE )	\$0	\$1,305,170	\$1,305,170
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NANTUCKET- SHARED USE PATH ON WASHINGTON STREET

7/31/2013 Total Federal Participating Cost (including State Match)

FILE NO.	FUNDING CATEGORY	FFY 14	FFY 15	FFY 16	REMAINDER TOTAL
606433	STP	\$269,523	\$240,803		\$510,326
	Regional CMAQ	\$104,490	\$82,492		\$186,982
	Statewide CMAQ	\$352,984			\$352,984
FISCAL YEAR FEDERAL AID TOTALS:		\$374,013	\$323,295	\$0	\$1,050,292

REMAINDER OF NON - FEDERAL AID ( TO BE CONVERTED TO FED. AID BY A/C CONVERSIONS AS SHOWN ABOVE )	\$0	\$323,295	\$0	\$323,295
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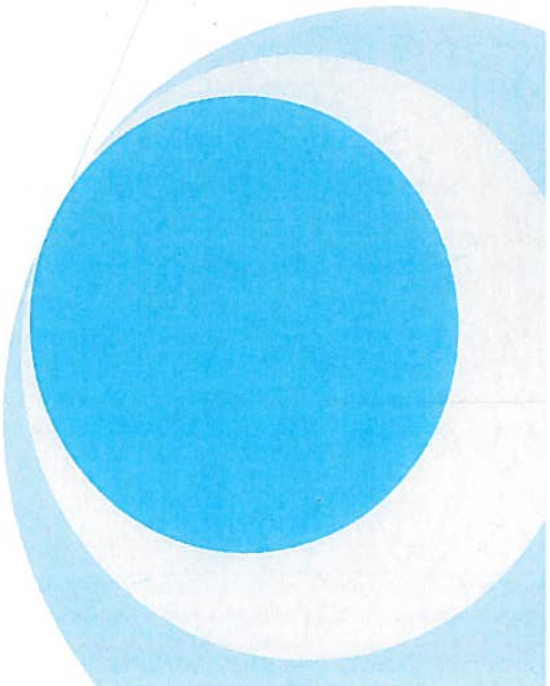
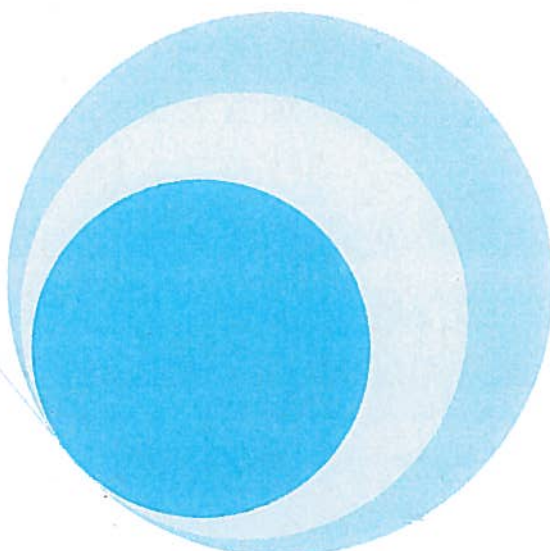
LEXINGTON- BRIDGE REPLACEMENT, L-10-009, ROUTE 2 (EB & WB) OVER ROUTE I-95 (ROUTE 128)

07/31/13 Total Federal Participating Cost (including State Match)

FILE NO.	FUNDING CATEGORY	FY 13	FFY 14	FFY 15	FFY 16	FFY 17	PROJECT TOTAL
600703	NHPP (Bridge) NHPP (IM)	\$1,800,000 \$3,700,000	\$15,000,000	\$13,200,000	\$5,108,000		\$35,108,000 \$3,700,000
FISCAL YEAR FEDERAL AID TOTALS		\$5,500,000	\$15,000,000	\$13,200,000	\$5,108,000		\$38,808,000

NON - FEDERAL AID ( TO BE CONVERTED TO FED. AID BY A/C CONVERSIONS AS SHOWN ABOVE )	\$15,000,000	\$13,200,000	\$5,108,000	\$0	\$33,308,000
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**Appendix H  
Greenhouse Gas  
Monitoring**



# 2014-2017 Transportation Improvement Program Greenhouse Gas Monitoring and Evaluation

## State Policy Context

The Global Warming Solutions Act (GWSA), which Governor Deval Patrick signed into law in August 2008, makes Massachusetts a leader in setting aggressive and enforceable GHG reduction targets, and implementing policies and initiatives to achieve these targets. In keeping with the law, on December 29, 2010 the Massachusetts Executive Office of Energy and Environmental Affairs (EOEEA), in consultation with other state agencies and the public, released the Massachusetts *Clean Energy and Climate Plan for 2020*. This implementation plan establishes targets for overall, statewide GHG emissions:



## GreenDOT Policy

The transportation sector is the single largest emitter of greenhouse gases, accounting for over a third of GHG emissions, and therefore the transportation sector is a key focus of the *Clean Energy and Climate Plan*. MassDOT's approach to supporting the implementation of the plan is set forth in its GreenDOT Policy Directive, a comprehensive sustainability initiative that sets three principal objectives:



**Reduce greenhouse gas (GHG) emissions.** MassDOT will achieve this by taking GHG emissions into account in all of its responsibilities, from strategic planning to project design and construction and system operations.



**Promote the healthy transportation modes of walking, bicycling, and public transit.** MassDOT will achieve this by pursuing multi-modal, "complete streets" design standards; providing choice in transportation services; and by working with MPOs and other partners to prioritize and program a balance of projects that serve drivers, pedestrians, bicyclists, and public transit riders.



**To support smart growth development.** MassDOT will achieve this by working with MPOs and other partners to make transportation investments that enable denser, smart growth development patterns that support reduced GHG emissions.

## Project-Level GHG Tracking and Evaluation in TIPs

The next step in implementation of GHG tracking and evaluation for the GWSA is evaluation of project-level GHG emissions in the MPO Transportation Improvement Programs (TIP). The principal objective of this tracking is to enable the MPOs to evaluate expected GHG impacts of different projects and to use this information as a criterion for prioritizing and programming projects in future TIPs.

MassDOT has reviewed previous TIPs and the tools available for assessing GHG impacts of projects, and has developed the following proposed protocol for identifying anticipated GHG impacts and quantifying GHG impacts of projects, when appropriate, through the TIPs. Different types of projects will have different anticipated GHG emissions impacts, and will vary in terms of how the GHG emissions can be assessed. The projects included in the TIPs and the State Transportation Improvement Program may have GHG impacts that are quantifiable, or they may have GHG impacts that cannot be readily quantified, but can be projected in terms of relative impact. The different project categories are outlined on the next two pages with the statewide project tracking starting on the fifth page.



Projects  
with  
Assumed  
Impacts

**No Assumed Impact/Negligible Impact on Emission** – Projects that do not change the capacity or use of a facility (e.g. a resurfacing project that restores a roadway to its previous condition, or a bridge rehabilitation/replacement that restores the bridge to its previous condition) would be assumed to have no GHG impact.

**Assumed Nominal Decrease in Emissions** – Projects that would be expected to produce a minor decrease in emissions that cannot be calculated with any precision. Examples of such projects include roadway repaving or reconstruction projects that add a new sidewalk or new bike lanes. Such a project would enable increased travel by walking or bicycling, but there may be not data or analysis to support any projections of GHG impacts. These projects should be categorized in the following manner:

- **Assumed Nominal Decrease in Emissions from Sidewalk Infrastructure**
- **Assumed Nominal Decrease in Emissions from Bicycle Infrastructure**
- **Assumed Nominal Decrease in Emissions from Sidewalk and Bicycle Infrastructure**
- **Assumed Nominal Decrease in Emissions from Intelligent Transportation Systems (ITS) and/or Traffic Operational Improvements**
- **Assumed Nominal Decrease in Emissions from Other Improvements**

**Assumed Nominal Increase in Emissions** – Projects that would be expected to produce a minor increase in emissions that cannot be calculated with any precision.

\* Projects advanced for programming into regional TIPs that are on MassDOT owned assets were not quantified except in cases where the project was included in the RTP. The projects listed on the following pages are projects that have quantified GHG impacts and were advanced for programming on municipally-owned assets. The remaining projects programmed in the STIP were qualitatively evaluated for their GHG emission impact.

## GHG Impact Tracking

Year	MPO	MassDOT Project ID	MassDOT Project Description	GHG Analysis Type	GHG Impact By Numbers	GHG Impact Description	GHG Additional Description
2014							
2014	BERKSHIRE	601320	LEE- RECONSTRUCTION OF TYRINGHAM ROAD, FROM THE TYRINGHAM T.L. TO ROUTE 102 (2.0 MILES)	Qualitative	N/A	No Assumed Impact/Negligible Impact on Emissions	
2014	BERKSHIRE	607469	SANDSFIELD- BRIDGE MAINTENANCE, S-03-033, ROUTE 8 (S.MAIN ST.) OVER W. BRANCH FARMINGTON RIVER	Qualitative	N/A	No Assumed Impact/Negligible Impact on Emissions	
2014	BERKSHIRE	605935	WILLIAMSTOWN- BRIDGE REPLACEMENT, W-37-009, HOOPER ROAD OVER GREEN RIVER	Qualitative	N/A	No Assumed Impact/Negligible Impact on Emissions	
2014	BERKSHIRE	606706	PITTSFIELD- BRIDGE REPLACEMENT, WOODLAWN AVE OVER CSX RAILROAD	Qualitative	N/A	No Assumed Impact/Negligible Impact on Emissions	
2014	BERKSHIRE	604553	ADAMS- SIGNALIZATION OF ROUTE 8 @ FRIEND STREET	Quantified	-129,183	Quantified Decrease in Emissions (See Emissions Analysis Appendix)	
2014	BERKSHIRE	605930	ADAMS - MOUNT GREYLOCK SCENIC BYWAYS IMPROVEMENTS	Qualitative	N/A	No Assumed Impact/Negligible Impact on Emissions	
2014	BERKSHIRE	607570	LEE - BIKEWAY (SB-2011-MA-10)	Qualitative	N/A	No Assumed Impact/Negligible Impact on Emissions	
2014	CAPE COD	0	CCRTA - NEW TRANSIT SERVICE DEMONSTRATION BOURNE TO SANDWICH (\$187,360 TOTAL)	Quantified	67711.382	N/A	
2014	CAPE COD	0	CCNS- NEW TRANSIT SERVICE DEMONSTRATION OUTER CAPE BIKE SHUTTLE	Quantified	628390.8	N/A	
2014	CAPE COD	606178	BOURNE-RESURFACING & SAFETY UPGRADING ON ROUTE 28 (GENERAL MACARTHUR BOULEVARD)	N/A	0	N/A	
2014	CAPE COD	603690	CHATHAM- BRIDGE REPLACEMENT, C-07-01, BRIDGE STREET OVER THE MITCHELL RIVER	N/A	0	N/A	
2014	CAPE COD	604488	DENNIS- YARMOUTH- CAPE COD RAIL TRAIL EXTENSION	Quantified	47094.6	N/A	
2014	CAPE COD	604488	DENNIS- YARMOUTH- CAPE COD RAIL TRAIL EXTENSION	Quantified	47094.6	N/A	
2014	CAPE COD	0	CCRTA - NEW TRANSIT SERVICE DEMONSTRATION BOURNE TO FALMOUTH (\$185,955 TOTAL)	Quantified	59103.409	N/A	
2014	CAPE COD	606178	BOURNE-RESURFACING & SAFETY UPGRADING ON ROUTE 28 (GENERAL MACARTHUR BOULEVARD)	N/A	0	N/A	



### GHG Impact Tracking

Year	MPO	MassDOT Project ID	MassDOT Project Description	GHG Analysis Type	GHG Impact By Numbers	GHG Impact Description	GHG Additional Description
2014	FRANKLIN	604696	MONTAGUE- REHABILITATION OF HATCHERY ROAD & GREENFIELD ROAD PEDESTRIAN BRIDGE, M-28-009, FROM GREENFIELD ROAD NORTHEASTERLY TO THE	0		Assumed Nominal Decrease in Emissions from ITS Improvements	
2014	FRANKLIN	607253	Conn. River Scenic Byway Erving Streetscape Project Construction	0		No-Assumed Impact/Negligible Impact on Emissions	
2014	FRANKLIN	606173	BERNARDSTON- INTERSTATE MAINTENANCE & RELATED WORK ON I-91	Qualitative	0	No Assumed Impact/Negligible Impact on Emissions	
2014	FRANKLIN	606705	CONWAY- RETAINING WALL REPLACEMENT ON ROUTE 116 ALONG THE SOUTH RIVER			No Assumed Impact/Negligible Impact on Emissions	
2014	FRANKLIN	604696	MONTAGUE- REHABILITATION OF HATCHERY ROAD & GREENFIELD ROAD PEDESTRIAN BRIDGE, M-28-009, FROM GREENFIELD ROAD NORTHFASTERLY TO THE	Qualitative	0	Assumed Nominal Decrease in Emissions from ITS Improvements	The two existing retaining walls, located along Route 116 (eastbound) and South River in the vicinity of
2014	MARTHA'S VINEYARD COMMISSION	604029	OAK BLUFFS- TISBURY- BRIDGE REPLACEMENT, O-01-001-T-04-001, BEACH ROAD OVER LAGOON POND DRAWBRIDGE	Quantified	0	No Assumed Impact/Negligible Impact on Emissions	
2014	MARTHA'S VINEYARD COMMISSION	603460	WEST TISBURY- INTERSECTION IMPROVEMENTS AT STATE ROAD (VINEYARD HAVEN ROAD) AND OLD COUNTY ROAD	Quantified	0	N/A	
2014	MARTHA'S VINEYARD COMMISSION	603460	WEST TISBURY- INTERSECTION IMPROVEMENTS AT STATE ROAD (VINEYARD HAVEN ROAD) AND OLD COUNTY ROAD	Quantified	0	Quantified Decrease in Emissions (See Emissions Analysis Appendix)	
2014	MARTHA'S VINEYARD COMMISSION	603460	WEST TISBURY- INTERSECTION IMPROVEMENTS AT STATE ROAD (VINEYARD HAVEN ROAD) AND OLD COUNTY ROAD	Quantified	0	Quantified Decrease in Emissions (See Emissions Analysis Appendix)	
2014	MERRIMACK VALLEY	605181	METHUEN- INTERCHANGE RECONSTRUCTION ON I-93 AT ROUTE 110/113 ROTARY, INCLUDING REMOVAL OF M-17-017 & M-17-018 REHAB OF M-17-	Quantified	0	RTP Project	Quantity of Emission Reduction included in Statewide Model for RTPs = -2,376,169 kg/year
2014	MERRIMACK VALLEY	605181	METHUEN- INTERCHANGE RECONSTRUCTION ON I-93 AT ROUTE 110/113 ROTARY, INCLUDING REMOVAL OF M-17-017 & M-17-018 REHAB OF M-17-	Quantified	0	RTP Project	Quantity of Emission Reduction included in Statewide Model for RTPs = -2,376,169 kg/year
2014	MERRIMACK VALLEY	605181	METHUEN- INTERCHANGE RECONSTRUCTION ON I-93 AT ROUTE 110/113 ROTARY, INCLUDING REMOVAL OF M-17-017 & M-17-018 REHAB OF M-17-	Quantified	0	RTP Project	Quantity of Emission Reduction included in Statewide Model for RTPs = -2,376,169 kg/year
2014	MERRIMACK VALLEY	607471	LAWRENCE - UNION CROSSING PEDESTRIAN IMPROVEMENTS	Qualitative	0	No Assumed Impact/Negligible Impact on Emissions	
2014	MERRIMACK VALLEY	606669	AMESBURY- POWWOW RIVERWALK CONSTRUCTION, FROM MAIN STREET TO WATER STREET, INCLUDES PED BRIDGE A-07-034 (PHASE II)	Quantified	0	Quantified Decrease in Emissions (See Emissions Analysis Appendix)	211 = Emission Reduction in CO2 kg per year. Quantity of Emissions Reduction
2014	MERRIMACK VALLEY	606669	AMESBURY- POWWOW RIVERWALK CONSTRUCTION, FROM MAIN STREET TO WATER STREET, INCLUDES PED BRIDGE A-07-034 (PHASE II)	Quantified	-211	Quantified Decrease in Emissions (See Emissions Analysis Appendix)	211 = Emission Reduction in CO2 kg per year.
2014	MERRIMACK VALLEY	605720	HAVERTHILL- RIVERWALK CONSTRUCTION (BRADFORD SECTION) FROM ROUTE 125 TO COUNTY ROAD	Quantified	-3520	Quantified Decrease in Emissions (See Emissions Analysis Appendix)	3,520 = Emission Reduction in CO2 kg per year

### GHG Impact Tracking

Year	MPO	MassDOT Project ID	MassDOT Project Description	GHG Analysis Type	GHG Impact By Numbers	GHG Impact Description	GHG Additional Description
2014	PIONEER VALLEY	605582	CUMMINGTON- RESURFACING & RELATED WORK ON ROUTE 9, FROM WINDSOR T.L. TO GOSHEN T.L.	Qualitative	0	No Assumed Impact/Negligible Impact on Emissions	
2014	PIONEER VALLEY	605685	SPRINGFIELD- SIGNAL & INTERSECTION IMPROVEMENTS AT SUMNER AVENUE, ALLEN STREET, ABBOT STREET & HARKNESS AVENUE	Quantified	55830	Quantified Decrease in Emissions (See Emissions Analysis Appendix)	This project will reali the intersection and replace the outdatec signal equipment to relieve congestion ar
2014	PIONEER VALLEY	605886	LONGMEADOW- RESURFACING & RELATED WORK ON ROUTE 5 (LONGMEADOW STREET), FROM EDGEWOOD STREET TO WARREN TERRACE. INCLUDES CULVERT	Qualitative	0	No Assumed Impact/Negligible Impact on Emissions	
2014	PIONEER VALLEY	606665	NORTHAMPTON- RESURFACING AND RELATED WORK ON ROUTE 10, FROM MM 24.8 NORTHERLY TO MM 25.1 AT EARLE STREET	Qualitative	0	No Assumed Impact/Negligible Impact on Emissions	
2014	PIONEER VALLEY	604433	BELCHERTOWN- PAVEMENT REHABILITATION & RELATED WORK ON ROUTE 181, FROM MAPLE ST TO	Qualitative	0	No Assumed Impact/Negligible Impact on Emissions	
2014	PIONEER VALLEY	604429	PELHAM- BRIDGE REPLACEMENTS, P-04-006, MEETINGHOUSE ROAD OVER AMETHYST BROOK & P-04-007, MEETINGHOUSE ROAD OVER HARRIS BROOK	Qualitative	0	No Assumed Impact/Negligible Impact on Emissions	
2014	PIONEER VALLEY	605833	WEST SPRINGFIELD- HOLYOKE- EASTHAMPTON- NORTHAMPTON- HATFIELD- WHATELY- DEERFIELD- GREENFIELD- BERNARDSTON- GUIDE & TRAFFIC SIGN	Qualitative	0	N/A	
2014	PIONEER VALLEY	605685	SPRINGFIELD- SIGNAL & INTERSECTION IMPROVEMENTS AT SUMNER AVENUE, ALLEN STREET, ABBOT STREET & HARKNESS AVENUE	Quantified	55830000	Quantified Decrease in Emissions (See Emissions Analysis Appendix)	This project will reali the intersection and replace the outdatec signal equipment to relieve congestion ar
2014	SOUTHEASTERN MASSACHUSETTS	606007	CARVER - RTE 58 IMPROVEMENTS & RECONSTRUCTION	Qualitative	0	No Assumed Impact/Negligible Impact on Emissions	
2014	SOUTHEASTERN MASSACHUSETTS	606007	CARVER - RTE 58 IMPROVEMENTS & RECONSTRUCTION	Qualitative	0	No Assumed Impact/Negligible Impact on Emissions	
2014	SOUTHEASTERN MASSACHUSETTS	606172	NEW BEDFORD- FAIRHAVEN- INTERSTATE MAINTENANCE & RELATED WORK ON I-195	Qualitative	0	No Assumed Impact/Negligible Impact on Emissions	
2014	SOUTHEASTERN MASSACHUSETTS	605668	RAYNHAM- SIGNAL AND INTERSECTION IMPROVEMENT @ ROUTE 44 (NEW STATE HIGHWAY), ORCHARD STREET AND ROUTE 24 NB - OFF RAMP	Quantified	-210733	Quantified Decrease in Emissions (See Emissions Analysis Appendix)	Intersection LOS improvement
2014	SOUTHEASTERN MASSACHUSETTS	605668	RAYNHAM- SIGNAL AND INTERSECTION IMPROVEMENT @ ROUTE 44 (NEW STATE HIGHWAY), ORCHARD STREET AND ROUTE 24 NB - OFF RAMP	N/A	0	N/A	This project's GHG - designation has been listed as N/A to avoit double counting the quantified emissions
2014	SOUTHEASTERN MASSACHUSETTS	606733	ATTLEBORO - RTE I-95 SB to Route I-295 SB RAMP RECONSTRUCTION (MassDOT Project)	Qualitative	0	No Assumed Impact/Negligible Impact on Emissions	
2014	SOUTHEASTERN MASSACHUSETTS	606717	FALL RIVER- BICYCLE PATH CONSTRUCTION, FROM BRAYTON AVENUE TO PLYMOUTH AVENUE	Quantified	-1170	Quantified Decrease in Emissions (See Emissions Analysis Appendix)	
2014	SOUTHEASTERN MASSACHUSETTS	606733	ATTLEBORO - RTE I-95 SB to Route I-295 SB RAMP RECONSTRUCTION (MassDOT Project)	Qualitative	0	No Assumed Impact/Negligible Impact on Emissions	

## GHG Impact Tracking

Year	MPO	MassDOT Project ID	MassDOT Project Description	GHG Analysis Type	GHG Impact By Numbers	GHG Impact Description	GHG Additional Description
<b>2015</b>							
2015	BERKSHIRE	606233	PITTSFIELD- INTERSECTION & SIGNAL IMPROVEMENTS AT FIRST STREET & NORTH STREET (NEAR BERKSHIRE MEDICAL CENTER)	Quantified	N/A	Quantified Decrease in Emissions (Analysis to be conducted)	
2015	BERKSHIRE	606891	PITTSFIELD- ASHUWILLITCOOK RAIL TRAIL EXTENTION	Qualitative	N/A	No Assumed Impact/Negligible Impact on Emissions	
2015	BERKSHIRE	606544	LENEX- PITTSFIELD RESURFACING AND RELATED WORK ROUTE 7	Qualitative	N/A	No Assumed Impact/Negligible Impact on Emissions	
2015	BERKSHIRE	605887	SHEFFIELD - GREAT BARRINGTON - RESURFACING AND RELATED WORK ROUTE 7	Qualitative	N/A	No Assumed Impact/Negligible Impact on Emissions	
2015	BERKSHIRE	607510	SANDISFIELD- SYSTEMATIC BRIDGE MAINTENANCE, S-03-033, ROUTE 8 (S.MAIN ST.) OVER W. BRANCH FARMINGTON RIVER (PHASE II)	Qualitative	N/A	No Assumed Impact/Negligible Impact on Emissions	
2015	BERKSHIRE	605299	GREAT BARRINGTON- BRIDGE REPLACEMENT, G-11-005, SR 183 (PARK STREET) OVER HOUSATONIC RIVER	Qualitative	N/A	No Assumed Impact/Negligible Impact on Emissions	
2015	BERKSHIRE	607121	SAVOY- BRIDGE REPLACEMENT, S-06-004, RIVER ROAD OVER THE WESTFIELD RIVER	Qualitative	N/A	No Assumed Impact/Negligible Impact on Emissions	
2015	BERKSHIRE	605314	NEW MARLBOROUGH- BRIDGE REPLACEMENT, HADSELL ST ROAD OVER THE UMPACHENE RIVER	Qualitative	N/A	No Assumed Impact/Negligible Impact on Emissions	
2015	BERKSHIRE	601320	LEE- RECONSTRUCTION OF TYRINGHAM ROAD, FROM THE TYRINGHAM T.L. TO ROUTE 102 (2.0 MILES)	Qualitative	N/A	No Assumed Impact/Negligible Impact on Emissions	
2015	CAPE COD	606164	HARWICH- RECONSTRUCTION OF ROUTE 124 (PLEASANT LAKE AVENUE), FROM HEADWATERS DRIVE TO BREWSTER T.L.	Qualitative	0	Assumed Nominal Decrease in Emissions from Bicycle and Sidewalk Improvements	
2015	CAPE COD	606164	HARWICH- RECONSTRUCTION OF ROUTE 124 (PLEASANT LAKE AVENUE), FROM HEADWATERS DRIVE TO BREWSTER T.L.	Qualitative	0	Assumed Nominal Decrease in Emissions from Bicycle and Sidewalk Improvements	
2015	CAPE COD	0	CCNS- NEW TRANSIT SERVICE DEMONSTRATION OUTER CAPE BIKE SHUTTLE	Quantified	628390.8	N/A	
2015	CAPE COD	607571	DENNIS- YARMOUTH- RAIL TRAIL BASS RIVER BRIDGE CONSTRUCTION	N/A	0	N/A	
2015	CAPE COD	606394	BARNSTABLE- INTERSECTION IMPROVEMENTS @ ROUTE 28 (FALMOUTH ROAD) & BEARSE'S WAY	Qualitative	0	Assumed Nominal Decrease in Emissions from Sidewalk Infrastructure	
2015	CENTRAL MASSACHUSETTS	605674	STURBRIDGE GRAND TRUNK TRAIL	Qualitative	0	Assumed Nominal Decrease in Emissions from Other Improvements	

## GHG Impact Tracking

Year	MPO	MassDOT Project ID	MassDOT Project Description	GHG Analysis Type	GHG Impact By Numbers	GHG Impact Description	GHG Additional Description
2015	CENTRAL MASSACHUSETTS	606434	WORCESTER - CENTRAL BUSINESS DISTRICT STREETSCAPE IMPROVEMENTS	Qualitative	0	Assumed Nominal Decrease in Emissions from Sidewalk Infrastructure	
2015	CENTRAL MASSACHUSETTS	606485	MILLBURY - SUTTON - MEDIAN BARRIER REPLACEMENT ON ROUTE 146, FROM ROUTE 122A TO BOSTON ROAD	Qualitative	0	No Assumed Impact/Negligible Impact on Emissions	
2015	CENTRAL MASSACHUSETTS	606629	WORCESTER - BLACKSTONE VISITOR CENTER	Qualitative	0	Assumed Nominal Increase in Emissions	
2015	CENTRAL MASSACHUSETTS	606629	WORCESTER - BLACKSTONE VISITOR CENTER, BIKEWAY & BRIDGE	Qualitative	0	Assumed Nominal Decrease in Emissions from Bicycle Infrastructure	
2015	CENTRAL MASSACHUSETTS	606686	WARREN - RESURFACING AND RELATED WORK ON ROUTE 67 @ WEST WARREN AND WARREN TOWN CENTERS	Qualitative	0	Assumed Nominal Decrease in Emissions from Sidewalk Infrastructure	
2015	CENTRAL MASSACHUSETTS	606888	WORCESTER -BLACKSTONE CANAL STREETSCAPE IMPROVEMENTS ON HARDING STREET	Qualitative	0	Assumed Nominal Decrease in Emissions from Bicycle and Sidewalk Improvements	
2015	CENTRAL MASSACHUSETTS	607181	NORTHBOROUGH - MARLBOROUGH - INTERSTATE MAINTENANCE AND RELATED WORK ON I-290	Qualitative	0	No Assumed Impact/Negligible Impact on Emissions	
2015	CENTRAL MASSACHUSETTS	604864	WESTBOROUGH - INTERSECTION & SIGNAL IMPROVEMENTS AT ROUTE 9 & LYMAN STREET	Quantified	165649	Quantified Decrease in Emissions (See Emissions Analysis Appendix)	From Traffic Operational Improvement
2015	FRANKLIN	607117	HAWLEY - BRIDGE REPLACEMENT, H-13-003, SAVOY ROAD OVER THE CHICKLEY RIVER	Qualitative	0	No Assumed Impact/Negligible Impact on Emissions	
2015	FRANKLIN	606551	COLRAIN- BRIDGE REPLACEMENT, C-18-028, ST 112 (JACKSONVILLE ROAD) OVER EAST BRANCH OF NORTH RIVER	Qualitative	0	No Assumed Impact/Negligible Impact on Emissions	
2015	FRANKLIN	607239	MONTAGUE, CANALSIDE BIKEPATH AND PED XING IMPROVEMENTS ON MONTAGUE CITY ROAD AT SOLAR AVE AND DEPOT ST			Assumed Nominal Decrease in Emissions from ITS Improvements	
2015	FRANKLIN	607222	GREENFIELD, RT 5/10 DEERFIELD ST/CHEAPSIDE ST	Qualitative	0	Assumed Nominal Decrease in Emissions from ITS Improvements	
2015	FRANKLIN	601657	MONTAGUE- RECONSTRUCTION ON GREENFIELD ROAD, FROM 195' SOUTH OF SHERMAN DRIVE TO HATCHERY RD (2.0 MILES)	Qualitative	0	Assumed Nominal Decrease in Emissions from ITS Improvements	
2015	MARTHA'S VINEYARD COMMISSION	607586	TISBURY / OAK BLUFF / EDGARTOWN - RESURFACING EDGARTOWN-VINEYARD HAVEN ROAD	Quantified	1015.2	Quantified Decrease in Emissions (See Emissions Analysis Appendix)	
2015	MARTHA'S VINEYARD COMMISSION	607586	TISBURY / OAK BLUFF / EDGARTOWN - RESURFACING EDGARTOWN-VINEYARD HAVEN ROAD	Quantified	1015.2	Quantified Decrease in Emissions (See Emissions Analysis Appendix)	
2015	MARTHA'S VINEYARD COMMISSION	607586	TISBURY / OAK BLUFF / EDGARTOWN - RESURFACING EDGARTOWN-VINEYARD HAVEN ROAD	Quantified	1015.2	Quantified Decrease in Emissions (See Emissions Analysis Appendix)	

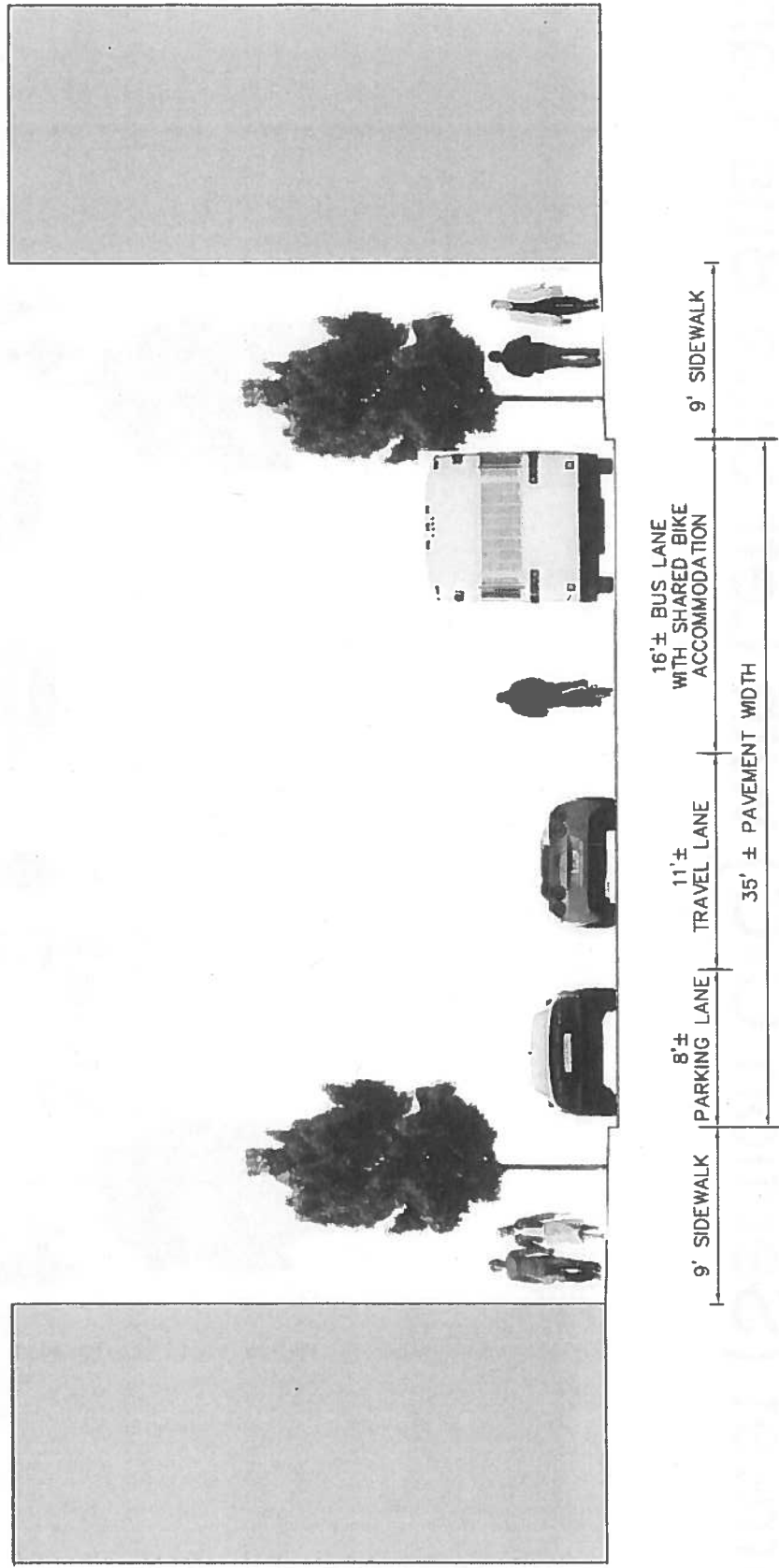
### GHG Impact Tracking

Year	MPO	MassDOT Project ID	MassDOT Project Description	GHG Analysis Type	GHG Impact By Numbers	GHG Impact Description	GHG Additional Description
2015	PIONEER VALLEY	604968	WESTFIELD- COLUMBIA GREENWAY RAIL TRAIL CONSTRUCTION, NORTH SECTION - FROM COWLES COURT ACCESS RAMP TO THE SOUTHAMPTON - SOUTHAMPTON SAFE ROUTES TO SCHOOL - NORRIS ELEMENTARY SCHOOL	Quantified	2267.72396	Quantified Decrease in Emissions (See Emissions Analysis Appendix)	The project involves conversion of an abandoned railroad into a non-motorized connector by way of
2015	PIONEER VALLEY	607453	SOUTHAMPTON - SOUTHAMPTON SAFE ROUTES TO SCHOOL - NORRIS ELEMENTARY SCHOOL	Qualitative	0	Assumed Nominal Decrease in Emissions from Bicycle and Sidewalk Improvements	
2015	PIONEER VALLEY	605066	NORTHAMPTON- INTERSECTION IMPROVEMENTS AT ROUTE 5 (PLEASANT STREET) AND CONZ STREET - Roundabout	Quantified	136092	Quantified Decrease in Emissions (See Emissions Analysis Appendix)	
2015	PIONEER VALLEY	605213	SPRINGFIELD- WILBRAHAM- RECONSTRUCTION OF BOSTON ROAD (ROUTE 20) - FROM PASCO RD IN SPRINGFIELD TO STONEY HILL ROAD IN WILBRAHAM (1.33	Quantified	145845.9721	Quantified Decrease in Emissions (See Emissions Analysis Appendix)	A new signal mast arm that extends into the middle of the intersection will improve signal head
2015	PIONEER VALLEY	605222	SPRINGFIELD- NORTH END & BRIGHTWOOD INFRASTRUCTURE IMPROVEMENTS, FROM OSGOOD STREET TO THE CHICOPEE CITY LINE (NORTHERLY SEGMENT)	Qualitative	106558	N/A	
2015	PIONEER VALLEY	604738	SOUTHAMPTON- RECONSTRUCTION OF GLENDALE ROAD (PHASE II) FROM COLLEGE HIGHWAY (RT 10) NORTHWESTFRY TO POMEROY	Qualitative	0	Assumed Nominal Decrease in Emissions from Bicycle and Sidewalk Improvements	
2015	PIONEER VALLEY	605222	SPRINGFIELD- NORTH END & BRIGHTWOOD INFRASTRUCTURE IMPROVEMENTS, FROM OSGOOD STREET TO THE CHICOPEE CITY LINE (NORTHERLY SEGMENT)	Quantified	106558	Quantified Decrease in Emissions (See Emissions Analysis Appendix)	
2015	PIONEER VALLEY	607207	PELHAM- RECONSTRUCTION OF AMHERST ROAD, FROM 800 FEET EAST OF ENFIELD ROAD TO ROUTE 202 (2.5 MILES - PHASE II)	Qualitative	0	Assumed Nominal Decrease in Emissions from Bicycle Infrastructure	
2015	PIONEER VALLEY	605833	BERNARDSTON - WEST SPRINGFIELD - TRAFFIC SIGN REPLACEMENT ON INTERSTATE 91	Qualitative	0	N/A	
2015	PIONEER VALLEY	605213	SPRINGFIELD- WILBRAHAM- RECONSTRUCTION OF BOSTON ROAD (ROUTE 20) - FROM PASCO RD IN SPRINGFIELD TO STONEY HILL ROAD IN WILBRAHAM (1.33	Quantified	145845.9721	Quantified Decrease in Emissions (See Emissions Analysis Appendix)	A new signal mast arm that extends into the middle of the intersection will improve signal head
2015	SOUTHEASTERN MASSACHUSETTS	605848	DARTMOUTH- IMPROVEMENTS ON GRAND ARMY OF THE REPUBLIC HIGHWAY (U.S. ROUTE 6) AND FAUNCE CORNER ROAD (PHASE 1)	Quantified	-87676	Quantified Decrease in Emissions (See Emissions Analysis Appendix)	
2015	SOUTHEASTERN MASSACHUSETTS	603893	DARTMOUTH - PADANARAM BRIDGE CAUSEWAY	Qualitative	0	No Assumed Impact/Negligible Impact on Emissions	
2015	SOUTHEASTERN MASSACHUSETTS	604589	NORTON- BRIDGE REPLACEMENT, N-23-017, PLAIN STREET OVER THE CANOE RIVER	Qualitative	0	No Assumed Impact/Negligible Impact on Emissions	
2015	SOUTHEASTERN MASSACHUSETTS	605223	FALL RIVER- INTERCHANGE IMPROVEMENTS AT ROUTE I-195/ROUTE 79/ROUTE 138	Qualitative	0	Assumed Nominal Decrease in Emissions from Other Improvements	
2015	SOUTHEASTERN MASSACHUSETTS	605368	NORTH ATTLEBOROUGH- TRAFFIC SIGNAL AND INTERSECTION IMPROVEMENTS AT EAST WASHINGTON STREET (ROUTE 1), SOUTH WASHINGTON STREET	Quantified	-7025	Quantified Decrease in Emissions (See Emissions Analysis Appendix)	
2015	SOUTHEASTERN MASSACHUSETTS	0	MANSFIELD - JORDON/JACKSON ELEMENTARY	N/A	0	N/A	

## GHG Impact Tracking

Year	MPO	MassDOT Project ID	MassDOT Project Description	GHG Analysis Type	GHG Impact By Numbers	GHG Impact Description	GHG Additional Description
<b>2016</b>							
2016	BERKSHIRE	607254	NORTH ADAMS/ WILLIAMSTOWN - MOHAWK BIKE TRAIL PROJECT	Qualitative	N/A	No Assumed Impact/Negligible Impact on Emissions	
2016	BERKSHIRE	607511	DALTON- SYSTEMATIC BRIDGE MAINTENANCE, D-01-005, ROUTE 8 (MAIN ST.) OVER E. BRANCH HOUSATONIC RIVER	Qualitative	N/A	No Assumed Impact/Negligible Impact on Emissions	
2016	BERKSHIRE	603778	LANESBOROUGH- BRIDGE REPLACEMENT, L-03-024, NARRAGANSETT AVENUE OVER PONTOOSUC LAKE	Qualitative	N/A	No Assumed Impact/Negligible Impact on Emissions	
2016	BERKSHIRE	607116	FLORIDA- BRIDGE REPLACEMENT, F-05-002, SOUTH COUNTY ROAD OVER THE COLD RIVER	Qualitative	N/A	No Assumed Impact/Negligible Impact on Emissions	
2016	BERKSHIRE	602280	DALTON- RECONSTRUCTION OF HOUSATONIC STREET, FROM ROUTE 8 & 9 TO ROUTE 8, INCLUDES NEW PEDESTRIAN D-01- 002	Qualitative	N/A	Assumed Nominal Decrease in Emissions from Sidewalk Infrastructure	
2016	BERKSHIRE	606233	PITTSFIELD- INTERSECTION & SIGNAL IMPROVEMENTS AT FIRST STREET & NORTH STREET (NEAR BERKSHIRE MEDICAL CENTER)	Quantified	N/A	Quantified Decrease in Emissions (Analysis to be conducted)	
2016	CAPE COD	606461	ORLEANS- INTERSECTION IMPROVEMENTS @ ROUTE 6A & MAIN STREET & ROUTE 28 & MAIN STREET	Qualitative	0	Assumed Nominal Decrease in Emissions from Sidewalk Infrastructure	
2016	CAPE COD	606596	CHATHAM- IMPROVEMENTS ON WEST MAIN STREET (ROUTE 28), FROM GEORGE RYDER ROAD TO BARN HILL ROAD	N/A	0	N/A	
2016	CAPE COD	606596	CHATHAM- IMPROVEMENTS ON WEST MAIN STREET (ROUTE 28), FROM GEORGE RYDER ROAD TO BARN HILL ROAD	N/A	0	N/A	
2016	CAPE COD	607444	FALMOUTH- INTERSECTION IMPROVEMENTS & RELATED WORK AT NORTH FALMOUTH HIGHWAY (ROUTE 28A) & NATHAN ELLIS HIGHWAY (ROUTE STURBRIDGE - RESURFACING AND RELATED WORK ON ROUTE 20, FROM ROUTE 49 TO I-84	N/A	0	N/A	
2016	CENTRAL MASSACHUSETTS	606347	STURBRIDGE - RESURFACING AND RELATED WORK ON ROUTE 20, FROM ROUTE 49 TO I-84	Qualitative	0	Assumed Nominal Decrease in Emissions from Bicycle and Sidewalk Improvements	
2016	CENTRAL MASSACHUSETTS	607113	DUDLEY - BRIDGE REPLACEMENT, D-12-009, CARPENTER ROAD OVER ABANDONED RR	Qualitative	0	No Assumed Impact/Negligible Impact on Emissions	
2016	CENTRAL MASSACHUSETTS	605588	WORCESTER - INTERSTATE MAINTENANCE & RELATED WORK ON I-190 (NB)	Qualitative	0	No Assumed Impact/Negligible Impact on Emissions	
2016	CENTRAL MASSACHUSETTS	604739	WEST BROOKFIELD - RECONSTRUCTION ON ROUTE 9, ROUTE 67 & INTERSECTIONS AT SCHOOL STREET	Qualitative	0	Assumed Nominal Decrease in Emissions from Other Improvements	
2016	CENTRAL MASSACHUSETTS	604468	WEST BROOKFIELD - BRIDGE REPLACEMENT, W-19-008, WICKABOAG VALLEY ROAD OVER SUCKER BROOK	Qualitative	0	No Assumed Impact/Negligible Impact on Emissions	

# Proposed Roadway Section of Hawthorn Street (Section C-C) with Right Side Bus Lane



## GHG Impact Tracking

Year	MPO	MassDOT Project ID	MassDOT Project Description	GHG Analysis Type	GHG Impact By Numbers	GHG Impact Description	GHG Additional Description
2016	MARTHA'S VINEYARD COMMISSION	607586	TISBURY / OAK BLUFF / EDGARTOWN - RESURFACING EDGARTOWN-VINEYARD HAVEN ROAD	Quantified	1015.2	Quantified Decrease in Emissions (See Emissions Analysis Appendix)	
2016	MARTHA'S VINEYARD COMMISSION	607586	TISBURY / OAK BLUFF / EDGARTOWN - RESURFACING EDGARTOWN-VINEYARD HAVEN ROAD	Quantified	1015.2	Quantified Decrease in Emissions (See Emissions Analysis Appendix)	
2016	MARTHA'S VINEYARD COMMISSION	604029	OAK BLUFFS / TISBURY - BRIDGE REPLACEMENT: BEACH ROAD OVER LAGOON POND DRAWBRIDGE	Quantified	0	No Assumed Impact/Negligible Impact on Emissions	
2016	MERRIMACK VALLEY	606159	NORTH ANDOVER- INTERSECTION & SIGNAL IMPROVEMENTS AT ROUTE 125 & MASSACHUSETTS AVENUE	Qualitative	0	Assumed Nominal Decrease in Emissions from Other Improvements	
2016	MERRIMACK VALLEY	606159	NORTH ANDOVER- INTERSECTION & SIGNAL IMPROVEMENTS AT ROUTE 125 & MASSACHUSETTS AVENUE	Qualitative	0	Assumed Nominal Decrease in Emissions from Other Improvements	
2016	MERRIMACK VALLEY	605181	METHUEN- INTERCHANGE RECONSTRUCTION ON I-93 AT ROUTE 110/113 ROTARY, INCLUDING REMOVAL OF M-17-017 & M-17-018	Quantified	0	RTP Project	Quantity of Emission Reduction included in Statewide Model for RTPs = -2,376,169 kg/year
2016	MERRIMACK VALLEY	606161	HAVERHILL- IMPROVEMENTS ON MAIN STREET (ROUTE 125)	Quantified	0	Quantified Decrease in Emissions (See Emissions Analysis Appendix)	Quantity of Emission Reduction shown below in CMAQ funding section
2016	MERRIMACK VALLEY	606161	HAVERHILL- IMPROVEMENTS ON MAIN STREET (ROUTE 125)	Quantified	-6421	Quantified Decrease in Emissions (See Emissions Analysis Appendix)	6,421 = Emission Reduction in CO2 kg per year
2016	MERRIMACK VALLEY	605114	GROVELAND- REHABILITATION OF ROUTE 97 (SCHOOL STREET & SALEM STREET)	Qualitative	0	No Assumed Impact/Negligible Impact on Emissions	
2016	MERRIMACK VALLEY	605181	METHUEN- INTERCHANGE RECONSTRUCTION ON I-93 AT ROUTE 110/113 ROTARY, INCLUDING REMOVAL OF M-17-017 & M-17-018	Quantified	0	RTP Project	Quantity of Emission Reduction included in Statewide Model for RTPs = -2,376,169 kg/year
2016	OLD COLONY	606036	BROCKTON- SIGNAL & INTERSECTION IMPROVEMENTS @ ROUTE 123 (BELMONT STREET)/LINWOOD STREET/ORRAIN AVENUE	Qualitative	0	Assumed Nominal Decrease in Emissions from Other Improvements	Project includes roadway reconstruction and sidewalks.
2016	OLD COLONY	604957	PEMBROKE- RECONSTRUCTION ON ROUTE 14, FROM THE HANSON T.L. TO WASHINGTON STREET (ROUTE 53)	Qualitative	0	Assumed Nominal Decrease in Emissions from Other Improvements	Project includes roadway reconstruction, sidewalks and roundabout.
2016	PIONEER VALLEY	605385	SPRINGFIELD- SIGNAL & INTERSECTION IMPROVEMENTS @ ROOSEVELT AVENUE & ISLAND POND ROAD, ROOSEVELT AVENUE & ALDEN STREET	Qualitative	0	N/A	
2016	PIONEER VALLEY	180525	NORTHAMPTON- RECONSTRUCTION OF DAMON ROAD, FROM ROUTE 9 INTERSECTION TO ROUTE 5 INTERSECTION (1.1 MILES)	Quantified	0	N/A	
2016	PIONEER VALLEY	604626	BELCHERTOWN- WARREN- WEST SPRINGFIELD- BRIDGE DEMOLITION, B-05-023, W-07-012, W-21-011, OLD BOSTON POST ROAD (FAST MAIN	Qualitative	0	No Assumed Impact/Negligible Impact on Emissions	
2016	PIONEER VALLEY	606577	HATFIELD- WHATLEY- INTERSTATE MAINTENANCE & RELATED WORK ON I-91	Qualitative	0	N/A	



### GHG Impact Tracking

Year	MPO	MassDOT Project ID	MassDOT Project Description	GHG Analysis Type	GHG Impact By Numbers	GHG Impact Description	GHG Additional Description
2016	SOUTHEASTERN MASSACHUSETTS	605679	TAUNTON- INTERSECTION IMPROVEMENTS @ ROUTE 140 (COUNTY STREET) & HART STREET	Quantified	-151809	Quantified Increase in Emissions (See Emissions Analysis Appendix)	
2016	SOUTHEASTERN MASSACHUSETTS	606176	FOXBOROUGH- PLAINVILLE- WRENTHAM- INTERSTATE MAINTENANCE & RELATED WORK ON I-495 (NB & SB)	Qualitative	0	No Assumed Impact/Negligible Impact on Emissions	
2016	SOUTHEASTERN MASSACHUSETTS	606910	NEW BEDFORD- CORRIDOR IMPROVEMENTS AND RELATED WORK ON COGGESHALL STREET, FROM PURCHASE STREET TO MITCHELL AVENUE	Qualitative	0	Assumed Nominal Decrease in Emissions from Other Improvements	
2016	SOUTHEASTERN MASSACHUSETTS	0	FALL RIVER- BRIDGE WORK, AIRPORT ROAD OVER ROUTE 24	Qualitative	0	Assumed Nominal Decrease in Emissions from Other Improvements	

## GHG Impact Tracking

Year	MPO	MassDOT Project ID	MassDOT Project Description	GHG Analysis Type	GHG Impact By Numbers	GHG Impact Description	GHG Additional Description
2017	CENTRAL MASSACHUSETTS	606075	OXFORD - STRUCTURAL STEEL CLEANING AND PAINTING AND OTHER RELATED WORK; BRIDGE NO.0-06-036 I-395 OVER DANA ROAD AND BRIDGE NO. 0-06-037	Qualitative	0	No Assumed Impact/Negligible Impact on Emissions	
2017	CENTRAL MASSACHUSETTS	607479	SHREWSBURY - BOYLSTON - NORTHBORO - INTERSTATE MAINTENANCE & RELATED WORK ON I-290	N/A	0	N/A	
2017	CENTRAL MASSACHUSETTS	601368	WORCESTER - RESURFACING & RELATED WORK ON ROUTE 122 (GRAFTON STREET), FROM WASHINGTON SQUARE TO RICE SQUARE (1.4 MILES)	N/A	0	N/A	
2017	CENTRAL MASSACHUSETTS	602740	SHREWSBURY - RESURFACING AND RELATED WORK ON MAIN STREET, FROM I-290 RAMP EASTERLY TO MAPLE AVENUE	Qualitative	0	Assumed Nominal Decrease in Emissions from Bicycle and Sidewalk Improvements	
2017	FRANKLIN	607478	WHATLEY-DEERFIELD-GREENFIELD INTERSTATE MAIN. & RELATED WORK ON I-91	Qualitative	0	No Assumed Impact/Negligible Impact on Emissions	
2017	FRANKLIN	607527	Orange - Holtshire Road over Millers River	Qualitative	0	No Assumed Impact/Negligible Impact on Emissions	
2017	FRANKLIN		Colrain - Heath Road over North River	Qualitative	0	No Assumed Impact/Negligible Impact on Emissions	
2017	FRANKLIN	606507	CHARLEMONT-RESURFACING,INFRASTRUCTURE IMPROVEMENT, AND TRAFFIC CALMING ON ROUTE 2 FROM MM 29.6 TO MM 31.1			Assumed Nominal Decrease in Emissions from ITS Improvements	
2017	FRANKLIN	607548	Shelburne - Bardswell Ferry over Dragon Brook	Qualitative	0	No Assumed Impact/Negligible Impact on Emissions	
2017	FRANKLIN	606507	CHARLEMONT-RESURFACING,INFRASTRUCTURE IMPROVEMENT, AND TRAFFIC CALMING ON ROUTE 2 FROM MM 29.6 TO MM 31.1	Qualitative	0	Assumed Nominal Decrease in Emissions from ITS Improvements	
2017	MARTHA'S VINEYARD COMMISSION	607411	TISBURY- BIKE & PEDESTRIAN IMPROVEMENTS ALONG BEACH ROAD, FROM THE TERMINATION OF THE EXISTING SHARED USE PATH WESTERLY TO THE FIVE	Quantified	-142744.801	Quantified Decrease in Emissions (See Emissions Analysis Appendix)	
2017	MARTHA'S VINEYARD COMMISSION	607411	TISBURY- BIKE & PEDESTRIAN IMPROVEMENTS ALONG BEACH ROAD, FROM THE TERMINATION OF THE EXISTING SHARED USE PATH WESTERLY TO THE FIVE	Quantified	-142744.801	Quantified Decrease in Emissions (See Emissions Analysis Appendix)	
2017	MARTHA'S VINEYARD COMMISSION	607411	TISBURY- BIKE & PEDESTRIAN IMPROVEMENTS ALONG BEACH ROAD, FROM THE TERMINATION OF THE EXISTING SHARED USE PATH WESTERLY TO THE FIVE	Quantified	-142744.801	Quantified Decrease in Emissions (See Emissions Analysis Appendix)	
2017	MERRIMACK VALLEY	607542	GEORGETOWN- NEWBURY-BORDER TO BOSTON TRAIL (NORTHERN GEORGETOWN TO BYFIELD SECTION)	Quantified	-17460	Quantified Decrease in Emissions (See Emissions Analysis Appendix)	17,460 = Emission Reduction in CO2 kg per year
2017	MERRIMACK VALLEY	605020	SALISBURY- MULTI-USE TRAIL EXTENSION (BORDERS TO BOSTON TRAIL)	Quantified	-6837	Quantified Decrease in Emissions (See Emissions Analysis Appendix)	6,837 = Emission Reduction in CO2 kg per year
2017	MERRIMACK VALLEY	605020	SALISBURY- MULTI-USE TRAIL EXTENSION (BORDERS TO BOSTON TRAIL)	Quantified	-6837	Quantified Decrease in Emissions (See Emissions Analysis Appendix)	6,837 = Emission Reduction in CO2 kg per year

### GHG Impact Tracking

Year	MPO	MassDOT Project ID	MassDOT Project Description	GHG Analysis Type	GHG Impact By Numbers	GHG Impact Description	GHG Additional Description
2017	SOUTHEASTERN MASSACHUSETTS	606118	NEW BEDFORD- RECONSTRUCTION OF ROUTE 18 (JFK HIGHWAY), FROM COVE STREET TO GRIFFIN COURT (PHASE II)	Qualitative	0	Assumed Nominal Decrease in Emissions from Other Improvements	
2017	SOUTHEASTERN MASSACHUSETTS	607339	ATTLEBORO – INTERSECTION IMPROVEMENTS AT ROUTE 1 (WASHINGTON STREET)/ROUTE 1A (NEWPORT AVENUE) AND ROUTE 123 (HIGHLAND AVENUE)	Qualitative	0	Assumed Nominal Decrease in Emissions from Other Improvements	Efficiency of turning movents anticipated
2017	SOUTHEASTERN MASSACHUSETTS	607339	ATTLEBORO – INTERSECTION IMPROVEMENTS AT ROUTE 1 (WASHINGTON STREET)/ROUTE 1A (NEWPORT AVENUE) AND ROUTE 123 (HIGHLAND AVENUE)	Qualitative	0	Assumed Nominal Decrease in Emissions from Other Improvements	Efficiency of turning movents anticipated
2017	SOUTHEASTERN MASSACHUSETTS	607392	SEEKONK- INTERSECTION IMPROVEMENTS & RELATED WORK AT FALL RIVER AVENUE (ROUTE 114A) AND COUNTY STRFFT	Quantified	-1161	Quantified Increase in Emissions (See Emissions Analysis Appendix)	

**Appendix I  
Comments Received on  
the Draft STIP**

