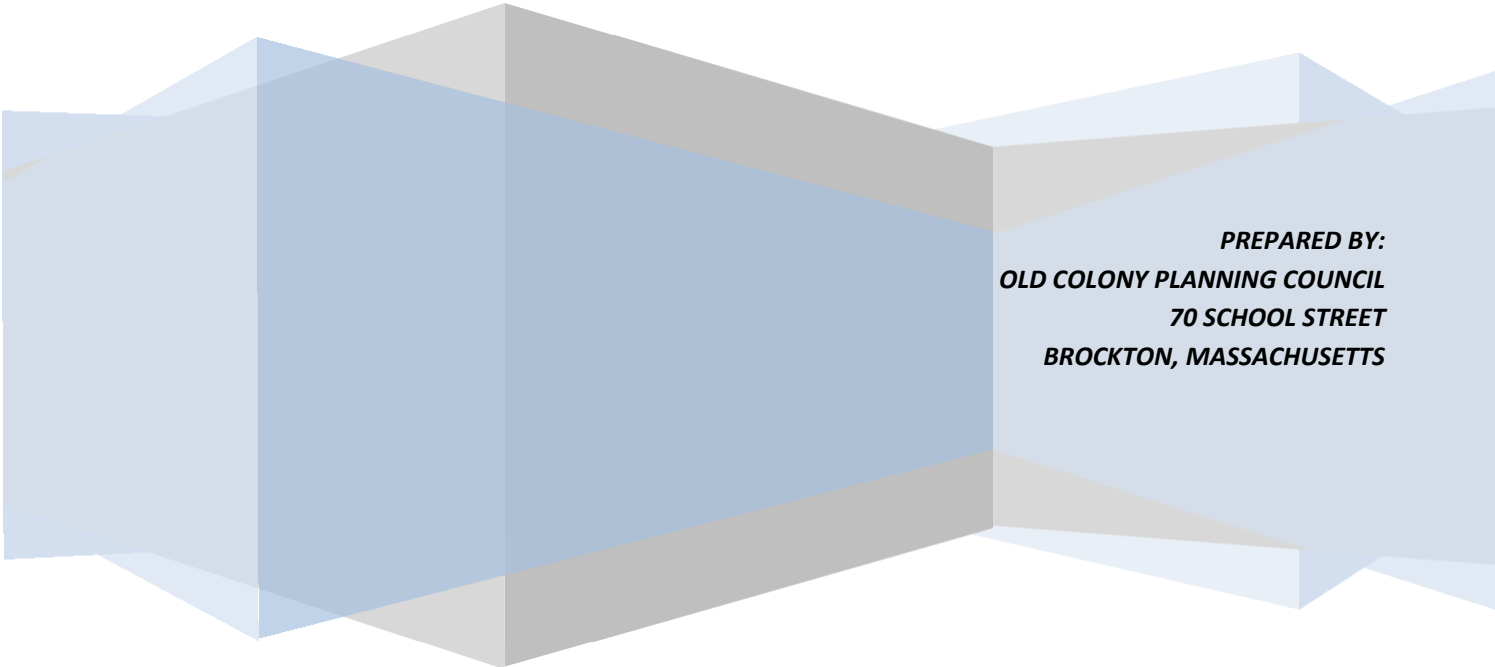


OLD COLONY METROPOLITAN PLANNING ORGANIZATION (MPO)

# **FFY 2015-2018 OLD COLONY TRANSPORTATION IMPROVEMENT PROGRAM (TIP)**

- **ENDORSED BY THE OLD COLONY MPO ON JUNE 24, 2014**
- **AMENDED BY THE OLD COLONY MPO ON JANUARY 29, 2015**
- **AMENDED BY THE OLD COLONY MPO ON MARCH 17, 2015**
- **AMENDED BY THE OLD COLONY MPO ON MAY 26, 2015**
- **AMENDED BY THE OLD COLONY MPO ON JUNE 25, 2015**

*PREPARED IN COOPERATION WITH THE BROCKTON AREA TRANSIT AUTHORITY,  
THE MASSACHUSETTS DEPARTMENT OF TRANSPORTATION (#69649),  
THE FEDERAL HIGHWAY ADMINISTRATION, AND  
THE FEDERAL TRANSIT ADMINISTRATION*



**PREPARED BY:  
OLD COLONY PLANNING COUNCIL  
70 SCHOOL STREET  
BROCKTON, MASSACHUSETTS**

## **DISCLAIMER**

*The preparation of this report has been financed in part through grant[s] from the Federal Highway Administration and Federal Transit Administration, U.S. Department of Transportation, under the State Planning and Research Program, Section 505 [or Metropolitan Planning Program, Section 104(f)] of Title 23, U.S. Code.*

*The views and opinions of the Old Colony Planning Council expressed herein do not necessarily state or reflect those of the U. S. Department of Transportation.*

## **701 CMR 7.00 USE OF ROAD FLAGGERS AND POLICE DETAILS ON PUBLIC WORKS PROJECTS/ 701 CMR**

*7.00 (the Regulation) was promulgated and became law on October 3, 2008. Under this Regulation, the CMR is applicable to any Public works Project that is performed within the limits of, or that impact traffic on, any Public Road. The Municipal Limitation referenced in this Regulation is applicable only to projects where the Municipality is the Awarding Authority. For all projects contained in the TIP, the Commonwealth is the Awarding Authority. Therefore, all projects must be considered and implemented in accordance with 701 CMR 7.00, and the Road Flagger and Police Detail Guidelines. By placing a project on the TIP, the Municipality acknowledges that 701 CMR 7.00 is applicable to its project and design and construction will be fully compliant with this Regulation. This information and additional information relative to guidance and implementation of the Regulation can be found at the following link on the MassDOT Highway Division website:  
<http://www.massdot.state.ma.us/Highway/flaggers/main.aspx>*

## **NOTICE OF NONDISCRIMINATION RIGHTS AND PROTECTIONS TO BENEFICIARIES**

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The Old Colony Metropolitan Planning Organization (MPO) operates its programs, services, and activities in compliance with federal nondiscrimination laws including Title VI of the Civil Rights Act of 1964 (Title VI), the Civil Rights Restoration Act of 1987, and related statutes and regulations. Title VI prohibits discrimination in federally assisted programs and requires that no person in the United States of America shall, on the grounds of **race, color, or national origin** (including **limited English proficiency**), be excluded from participation in, be denied the benefits of, or be otherwise subjected to discrimination under any program or activity receiving federal assistance. Related federal nondiscrimination laws administered by the Federal Highway Administration, the Federal Transit Administration, or both prohibit discrimination on the basis of **age, sex, and disability**. These protected categories are contemplated within the Old Colony MPO's Title VI Programs consistent with federal interpretation and administration. Additionally, the Old Colony MPO provides meaningful access to its programs, services, and activities to individuals with limited English proficiency, in compliance with US Department of Transportation policy and guidance on federal Executive Order 13166.

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The Old Colony MPO also complies with the Massachusetts Public Accommodation Law, M.G.L. c 272 §§ 92a, 98, 98a, prohibiting making any distinction, discrimination, or restriction in admission to or treatment in a place of public accommodation based on **race, color, religious creed, national origin, sex, sexual orientation, disability, or ancestry**. Likewise, the Old Colony MPO complies with the Governor's Executive Order 526, section 4 requiring all programs, activities, and services provided, performed, licensed, chartered, funded, regulated, or contracted for by the state shall be conducted without unlawful discrimination based on **race, color, age, gender, ethnicity, sexual orientation, gender identity or expression, religion, creed, ancestry, national origin, disability, veteran's status** (including Vietnam-era veterans), or **background**.

### Additional Information

To request additional information regarding Title VI and related federal and state nondiscrimination obligations, please contact:

Title VI/ Nondiscrimination Coordinator  
Old Colony Planning Council  
Pat Ciaramella  
70 School Street  
Brockton, MA 02301  
508-583-1833 Extension 202  
[pciaramella@ocpcrpa.org](mailto:pciaramella@ocpcrpa.org)

Title VI Specialist  
MassDOT, Office of Diversity and Civil Rights  
10 Park Plaza  
Boston, MA 02116  
857-368-8580  
TTY: 857-368-0603  
[MASSDOT.CivilRights@state.ma.us](mailto:MASSDOT.CivilRights@state.ma.us)

### Complaint Filing

To file a complaint alleging a violation of Title VI or related federal nondiscrimination law, contact the Title VI Specialist (above) within 180 days of the alleged discriminatory conduct.

To file a complaint alleging a violation of the state's Public Accommodation Law, contact the Massachusetts Commission Against Discrimination within 300 days of the alleged discriminatory conduct at:

Massachusetts Commission Against Discrimination (MCAD)  
One Ashburton Place, 6th Floor  
Boston, MA 02109  
617-994-6000  
TTY: 617-994-6196

## Translation

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**Chinese Simplified: (mainland & Singapore):** 如果这个信息是需要用另一种语言，请联系帕特 Ciaramella 在 508-583-1833 分机 202。

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**Haitian Creole:** Si ou bezwen enfòmasyon sa a nan yon lòt lang, tanpri kontakte breve Ciaramella nan 508-583-1833 Ekstansyon 202.

**Vietnamese:** Nếu thông tin này là cần thiết trong một ngôn ngữ khác, xin vui lòng liên hệ với Pat Ciaramella tại 508-583-1833 mở rộng 202.

**French:** Si cette information est nécessaire dans une autre langue, s'il vous plaît communiquer avec Pat Ciaramella au 508-583-1833 extension 202.

**Italian:** Se questa informazione è necessaria in un'altra lingua, si prega di contattare Pat Ciaramella al 508-583-1833 Extension 202.

**Khmer:** ប្រសិនបើព័ត៌មាននេះត្រូវបានត្រូវការនៅក្នុងភាសាមួយផ្សេងទៀតសូមទាក់ទងប៉ាត់ Ciaramella នៅផ្នែកបន្ថែម 508-583-1833 202 ។

**Arabic:** في 508-583-1833 امتداد Ciaramella إذا كانت هناك حاجة هذه المعلومات في لغة أخرى، يرجى الاتصال بات .202

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**PART A. Introduction**

The Transportation Improvement Program (TIP) is a listing of transportation projects proposed for implementation during the next four federal fiscal years (2015, 2016, 2017 and 2018). Projects listed in the TIP include those in the Long Range Element and Short Range Element of the Old Colony Regional Transportation Plan. In the TIP, projects are programmed under federal and non-federal funding categories and assigned a local priority. The TIP briefly describes the project as well as its projected costs and funding sources.

***701 CMR 7.00 Use of Road Flaggers and Police Details on Public Works Projects***

701 CMR 7.00 (the Regulation) was promulgated and became law on October 3, 2008. Under this Regulation, the CMR is applicable to any Public Works Project that is performed within the limits of, or that impact traffic on, any Public Road. The Municipal Limitation referenced in this Regulation is applicable only to projects where the Municipality is the Awarding Authority.

For all projects contained in the TIP, the Commonwealth is the Awarding Authority. Therefore, all projects must be considered and implemented in accordance with 701 CMR 7.00, and the Road Flagger and Police Detail Guidelines. By placing a project on the TIP, the Municipality acknowledges that 701 CMR 7.00 is applicable to its project and design and construction will be fully compliant with this Regulation. This information and additional information relative to guidance and implementation of the Regulation can be found at the following link on the Massachusetts Department of Transportation Highway Division website: <http://www.massdot.state.ma.us/Highway/flaggers/main.aspx>

**1. Development of the TIP**

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

As part of the TIP development, current and proposed projects are evaluated using Transportation Evaluation Criteria, and recommended to the Old Colony Metropolitan Planning Organization (MPO) for consideration and approval. The collective staffs evaluate candidate projects for the Old Colony MPO using the Transportation Evaluation Criteria of Condition, Mobility, Safety and Security, Community Effects and Support, Land Use and Economic Development, and Environmental Effects. Once the Old Colony MPO has reviewed and approved the evaluations, the OCPC staff then uses the evaluation criteria results, as well as readiness information, available funding, and other pertinent information to develop a Draft TIP. As part of the development process, the Draft TIP is reviewed by the JTC, the OCPC, and the MPO. The Old Colony MPO then releases it for a 30-Day Public Review and Comment Period. Following the 30-Day Public Review Period, the Old Colony MPO considers the comments received, and if no significant adverse comments are received, the Old Colony MPO then endorses the TIP.

## FFY 2015-2018 OLD COLONY TRANSPORTATION IMPROVEMENT PROGRAM (TIP)

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

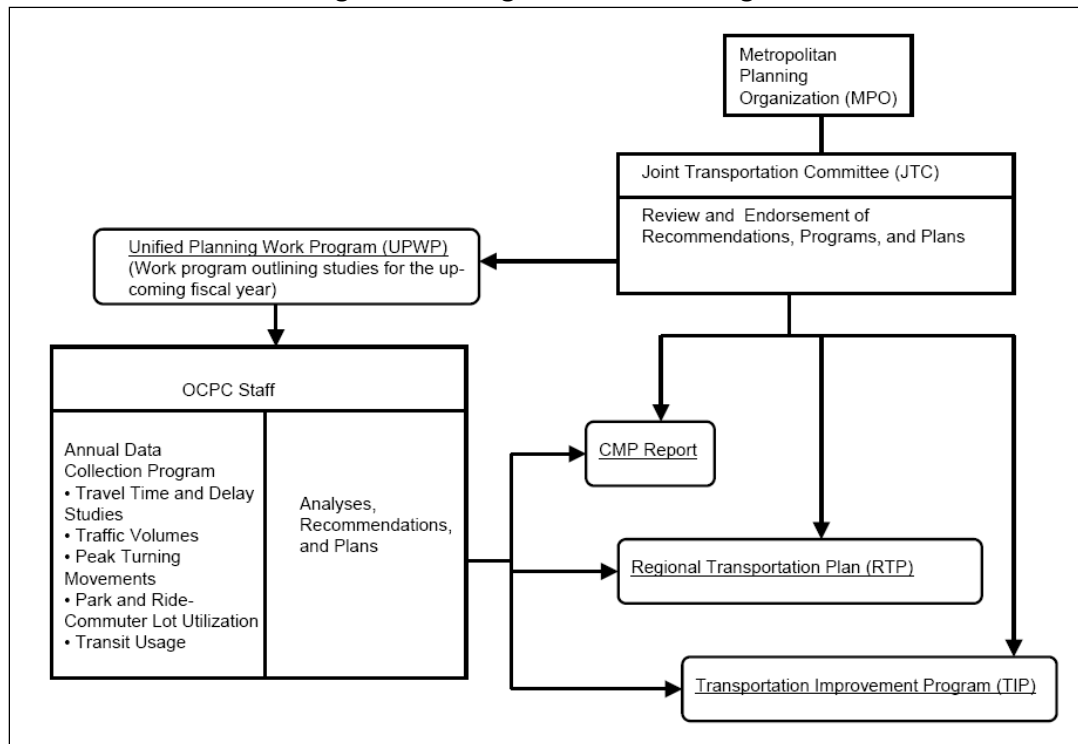
### **Congestion Management Process**

Congestion on a transportation facility may be defined as the level of performance that is deemed unacceptable due to traffic interference. The acceptable level of performance varies from state to state. In addition, the types of transportation modes and links also vary from place to place. Therefore, the regulations require an effective CMP that provides information on enhancing performance and identifies effective congestion reducing strategies that meet the needs of the particular region.

The CMP is, "a systematic process for managing congestion that provides information on transportation system performance and on alternative strategies for alleviating congestion and enhancing the mobility of persons and goods to levels that meet state and local needs." The CMP includes serious consideration of the implementation of strategies that provide the most efficient and effective use of existing and future transportation facilities. In both metropolitan and non-metropolitan areas, consideration needs to be given to strategies that reduce single occupancy vehicle (SOV) travel and improve existing transportation system efficiency.

The figure below illustrates the integration of the Congestion Management Process within the overall planning process. This process allows for monitoring transportation systems for congestion, reviewing and endorsing plans by local communities that make up the region, and revising monitoring of strategies and overall plans to account for a dynamic management system.

**Congestion Management Process Diagram**



In general, the root causes of congestion can be summarized into two main categories:

- Too much traffic exists on a facility for the available physical capacity to handle – There is a limited amount of traffic that can be moved on a roadway for a given time, or only so many transit patrons that can be accommodated in a given number of buses or trains. This is considered the physical capacity of the system. Bottlenecks occur at locations where the physical capacity is restricted, with flows from upstream sections (with higher capacities) being funneled into smaller downstream segments. When traffic flow breaks down to stop-and-go conditions, capacity is actually reduced. Bottlenecks can be very specific chokepoints in the system, such as a poorly functioning freeway-to-freeway interchange, or an entire highway corridor where a “system” of bottlenecks exists, such as a closely spaced series of interchanges with local streets. Physical capacity can be reduced by the addition of “intentional” bottlenecks, such as traffic signals and tollbooths. Bottlenecks can also exist on long upgrades and can be created by “surges” in traffic, as experienced around resort areas, or due to specific events (sports events, parades, etc.).
  
- Traffic Incidents – In addition to the physical capacity, external events can have a major effect on traffic flow. These include traffic incidents such as crashes and vehicle breakdowns; work zones; inclement weather; special events; and poorly timed traffic signals. When these events occur, their main impact is to subtract physical capacity from the roadway. Events also may cause changes in traffic demand by causing travelers to rethink their trips (e.g., snow and other types of severe weather). The level of congestion on a roadway is determined by the interaction of physical capacity with events that are taking place at a given time. The effect of a traffic incident depends on how much physical capacity is present. Consider a traffic crash that blocks a single lane on a freeway. That incident has a much greater impact on traffic flow if only two normal lanes of travel are present than if three lanes are present. Therefore, strategies that improve the physical capacity of bottlenecks also lessen the impacts of roadway events such as traffic incidents, weather, and work zones.

Specific issues that contribute to congestion include:

- Interchange spacing too short on limited access highways
- Inadequate acceleration/deceleration lanes
- Poor access control on arterials
- Lack of incident management plan
- Poor signal timing
- Lack of signal coordination
- Special events/other
- Inclement weather
- Low vehicle occupancy
- Work zones
- Bottlenecks due to too many trips occurring within a narrow time frame
- Adjacent land use development inconsistent with the transportation system
- Crashes
- Driver behavior/distractions
- Lack of adequate roadway, transit, and or parking capacity

The cost of congestion can be measured in dollars as well as time. There is a direct link between transportation investment, travel conditions (congestion and reliability), and economic productivity. Two key trends have a substantial impact on the total cost of moving freight:



- As congestion spreads into the midday, which is typically the peak travel period for trucks, costs that are more direct will be incurred.
- Reliability – For trucks, the ability to hit delivery windows predictably will decrease and will add even more costs as firms struggle to optimize delivery schedules. This is especially a problem for truckers who must meet “just-in-time” delivery schedules set by shippers, manufacturers, and retailers.

The currently identified congested corridors are summarized as follows:

- Route 3 From Plymouth/Bourne Town Line To Pembroke/Norwell Town Line
- Route 3A in Kingston and Plymouth Downtown Areas
- Route 18 From Route 3 to Route 106 in East Bridgewater
- Route 24 From Raynham/ Bridgewater Town Line To I-93
- Route 27 in Brockton and Stoughton
- Route 28 in Avon, Brockton, West Bridgewater, and Bridgewater
- Samoset Street in Plymouth
- Route 104 in Bridgewater from Central Square to Route 24
- Route 106 in West Bridgewater
- Route 123 in Abington, Brockton, and Easton
- Route 138 From The Canton/ Stoughton Town Line To Brock Street
- Route 139 From Route 53 In Pembroke To The Pembroke/Marshfield Town Line
- Harrison Boulevard/Central Street In Avon And Stoughton (between Route 28 and Route 27)
- Main Street / North Main Street In Brockton From Plain Street To Avon Town Line

The CMP is also designed to identify key intersections that demonstrate congestion, excessive delays, and circulation problems. The CMP identifies these congested facilities through studies completed by OCPC and other agencies and organizations, and through the ongoing monitoring of facilities. Standard operating procedures have been adopted for data collection that allows the monitoring of intersections within the region specifically targeted due to congestion. The CMP has identified numerous congested intersections, based on a threshold of LOS “D” or less, within the Old Colony region.

In addition to the intersection locations, there are a number of community centers in the region including, Bridgewater Center (Central Square), East Bridgewater Center, Downtown Brockton, Stoughton Center, and West Bridgewater Center, that experience chronic congestion and circulation problems requiring on-going efforts to improve traffic flow and reduce delays.

## **2. Prioritization**

Qualifying factors for a project to be listed in the active year element (FFY 2014).

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

***FFY 2015-2018 OLD COLONY TRANSPORTATION IMPROVEMENT PROGRAM (TIP)***

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- Project has been derived from the Management Systems (Congestion, Land Use, Safety, and Pavement)
- Consideration of Transportation Evaluation Criteria

**3. Public Participation, Coordination, and Consultation**

Transportation planning is one component of the Comprehensive Planning Process that includes land use/growth management, housing, open space and recreation, economic development, historic preservation, and water quality. It is important that these potentially conflicting elements be consistent with one another in order to facilitate the efficient movement of people and goods in the region. The first step in obtaining consistency is the use of a common database, coordination, and consultation with appropriate agencies and groups. Each of the functional planning areas uses common land use, population and employment statistics, and forecasts.

An underlying principle of the metropolitan planning process is public participation, coordination, and consultation with appropriate agencies and groups. As such, a successful public participation model was developed and utilized. Legal advertisements are not a panacea for public participation. With that in mind, the staff engaged the public to the maximum extent possible. Various strategies were deployed, documented, and evaluated.

This FFY 2015-2018 Transportation Improvement Program was developed in accordance with the Public Participation Plan (PPP) for the Old Colony Planning Council Region. Brockton Area Transit utilizes the Old Colony MPO's public participation as its public participation process.

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

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

Staff utilized a diverse methodology for coordination, consultation, and engaging the public to the maximum extent possible in the development of the TIP. The methodology is presented below.

- Old Colony Metropolitan Planning Organization (MPO) - The MPO provided oversight of the TIP development and has the responsibility of ultimately endorsing the TIP.
- Old Colony Planning Council (OCPC) - The Old Colony Planning Council discusses the TIP development and provides both planning and policy guidance at regularly scheduled Council meetings. Meetings took place typically during the last Wednesday of the month.
- Old Colony Joint Transportation Committee (JTC) - Functioning as the advisory group to the Old Colony MPO and Old Colony Planning Council, this group assists with the identification of transportation deficiencies and provides regular input and review of TIP products. The Committee consists of superintendents and or directors of highway department of public works, town planners, engineers, etc. Typically, meetings take place during the second Thursday of the month. As such, regular input and guidance occurs.

- Transit Providers – Council staff solicits input regarding transit issues from the Brockton Area Transit Regional Transit Authority (BAT), Greater Attleboro-Taunton Regional Transit Authority (GATRA), MBTA, and, the South Shore Community Action Council, as well as a private carrier (P&B).
- Coordination and consultation activities - Coordination and consultation, and/ or information dissemination activities take place with multiple agencies and groups. As such, these coordination and consultation activities routinely could take place with: Brockton Area Transit, Brockton 21<sup>st</sup> Century Cooperation, Cape Verdean Association of Brockton, Chief Elected Officials, Departments of Public Works and Highway Departments, Massachusetts Department of Transportation, Latino Health Institute, Greater Attleboro Taunton Transit Authority, Massachusetts Department of Transportation District 5, MBTA, Metro South Chamber of Commerce, NAACP, Plymouth and Brockton (P&B), Plymouth Area Chamber of Commerce, Plymouth County Development Council, South Shore Chamber of Commerce, and South Shore Community Action Council.
- Transportation Advisory Network (TAN) - The TAN consists of over 200 members. Members include chief elected officials, legislators, planning boards, Massachusetts Department of Transportation, Federal Highway Administration (FHWA), Federal Transit Administration (FTA), transit providers, minority groups, town clerks, and transportation officials. The objective was to provide continuing outreach to a wide network. Council staff provides announcements of product availability, upcoming events, and meetings associated with the TIP to the TAN.
- Media Outlets and places of public convenience - Staff utilizes multiple media outlets and places of public convenience to solicit public comment, advertise meetings, and advertise TIP availability. The media outlets and places of public convenience consisted of newspaper legal advertisements, websites, town and city halls, local cable access, etc.
- Copies of the Draft TIP are posted on the OCPC website and in the Council’s Office, so residents and stakeholders from member communities had many opportunities to review the Draft TIP. Copies of the Draft TIP are provided upon request.
- 30-Day Public Review Period - During the public review period for the Draft TIP, copies were available and their availability was advertised using multiple media outlets and the TAN. During the period, public meetings were held and the Council staff was available to discuss the Draft TIP with the public upon request.

Furthermore, the most recently available Old Colony Transit Directory is utilized. The Directory is a listing of public and private transit agencies providing both internal service within the region and service to points outside the region, particularly the greater Boston area.

### ***Environmental Justice***

Environmental Justice is an important part of the planning process and is considered in all phases of planning. A truly integrated and effective planning process actively considers and promotes environmental justice within projects and groups of projects, across the total plan, and in policy

decisions. All reasonably foreseeable adverse social, economic, and environmental effects on minority populations and low-income populations must be identified and addressed. There are three fundamental Environmental Justice principles:

- To avoid, minimize, or mitigate disproportionately high and adverse human health or environmental effects, including social and economic effects, on minority populations and low-income populations.
- To ensure the full and fair participation by all potentially affected communities in the transportation decision-making process.
- To prevent the denial of, reduction in, or significant delay in the receipt of benefits by minority populations and low-income populations.

Public involvement is an integral part of transportation planning and project development decision-making. The U.S. DOT Order (5610.2) on Environmental Justice directs the provision for minority populations and low-income populations greater access to information on and opportunities for public participation in matters that may affect human health and the environment.

Effective public involvement in the planning process and the project-development process can alert State and local agencies about environmental justice concerns so that they do not result in surprises during the project-development stage. Continuous interaction between community members and transportation professionals is critical to successfully identify and resolve potential Environmental Justice concerns.

The staff has public-involvement procedures established that provide for consideration of Environmental Justice. These procedures provide an inclusive, representative, and equal opportunity for two-way communication resulting in appropriate action that reflects this public involvement. Environmental Justice is considered in all aspects of planning and project decision-making, including the design of both the public-involvement plan and the proposed facility.

Environmental Justice Analysis asks whether a proposed action or plan causes disproportionately high and adverse effects on minority populations and low-income populations, and whether these populations are denied benefits. A framework of analysis that can determine how a proposed action or plan could differentially affect different populations is important. As such, an analysis of benefits and burdens is utilized. In addition, computer mapping of Environmental Justice Areas along with past, present and future projects funded through the transportation improvement program, available transit services and their associated walking times, commuter parking facilities, pavement conditions, high crash locations, areas of congestion is utilized to measure the distribution of funding (to ensure geographic equity), to determine priorities areas of need/ and or concern.

Examinations of potential benefits and burdens because of the implementation of the TIP were conducted. Examples of benefits considered were mobility, accessibility, infrastructure condition, environment, reliability, safety, security, load factors, efficiency, and consultation with riders in improving bus services to the transit-dependent. While examples of burdens considered were: air, noise, and water pollution and soil contamination, destruction or disruption of community cohesion or a community's economic vitality, destruction or disruption of the availability of public and private facilities and services, adverse employment effects, displacement of persons, businesses, farms, or nonprofit organizations, increased traffic congestion, isolation, exclusion, or separation of minority or low-income

individuals within a given community or from the broader community, and the denial of, reduction in, or significant delay in the receipt of, benefits of programs, policies, or activities.

An assessment of the benefits and burdens of the Transportation Improvement Program (TIP) was completed to identify all regionally significant projects constructed and/ or programmed in the Old Colony Transportation Improvement Program during the period of 2004 – 2018. Constructed projects funded through the TIP were included to provide a benchmark of investments. The constructed projects were compiled and then the staff analyzed the location of these improvements relative to locations of minority and low-income populations. For the purposes of identifying these populations, the staff utilized the MassGIS Environmental Justice GIS Shape file. Polygons in the Environmental Justice (EJ) Populations layer represent neighborhoods across the state with high minority, non-English speaking, low-income, and foreign-born populations.

Regionally, it was determined that about 42.9 percent of the identified improvement projects, representing approximately 39.7 percent of the identified investment dollars on the FFY 2015-2018 TIP are located in or immediately adjacent to EJ communities. This exceeds the 29.0 percent of the region's population identified as living in EJ communities. Non-mappable projects, such as transit vehicle replacements or rehabilitations, bridge and roadway repair line items for future projects to be defined, and other non-location-specific projects are not included in this analysis. Moreover, many of the projects that are not located directly within an EJ community are projects of key regional significance, such as interstate highway improvements. These improvements benefit the region as a whole, and provide access to many key employment centers, including downtown Brockton and regional shopping centers.

**FFY 2015-2018 OLD COLONY TRANSPORTATION IMPROVEMENT PROGRAM (TIP)**

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**Investment Value of TIP Projects 2015-2018 (Programmed and Planned)**

Type	Population Represented in EJ Communities (2010)	Percent Population Represented	TIP Project Investment	Percent Projects in EJ/ Non EJ Communities by Total Investment (\$)
Within EJ Communities	101,053	29.0%	\$11,100,346	42.9%
Outside EJ Communities	247,474	71.0%	\$16,847,900	57.1%
<b>Totals</b>	<b>348,527</b>	<b>100.0%</b>	<b>\$27,948,246</b>	<b>100%</b>

OCPC undertook further analysis to determine the level of investments during the period of 2004-2014 through previous Transportation Improvement Programs. From that analysis, it was concluded that about 50.0 percent of the identified improvement projects, representing approximately 53.3 percent of the identified investment dollars allocated during the TIP years of 2004-2014 are located in or immediately adjacent to EJ communities. This exceeds the 29.0 percent of the region’s population identified as living in EJ communities.

**Investment Value of TIP Projects 2004 - 2014 (Projects Implemented)**

Type	Population Represented in EJ Communities (2010)	Percent Population Represented	TIP Project Investment	Percent Projects in EJ/ Non EJ Communities by Total Investment (\$)
Within EJ Communities	101,053	29.0%	\$73,835,175	50.0%
Outside EJ Communities	247,474	71.0%	\$64,670,631	50.0%
<b>Totals</b>	<b>348,527</b>	<b>100.0%</b>	<b>\$138,505,807</b>	<b>100%</b>

From the examination of benefits and burdens, it is the determination that no projects implemented because of the TIP will result in adverse impacts to the Environmental Justice Areas in the Old Colony region.

As such, from the review, it may be concluded from the public investment and involvement in the regional transportation planning process and the resultant FFY 2015-2018 Transportation Improvement Program and previous TIPs (dating back to 2004) demonstrate that the benefits of the regional transportation planning process are afforded equitably to both EJ and Non-EJ communities. Given this equitable distribution and investment, it is finding of the Old Colony Planning Council that the Low-

***FFY 2015-2018 OLD COLONY TRANSPORTATION IMPROVEMENT PROGRAM (TIP)***

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income and minority populations are not disproportionately impacted and are beneficiaries of the transportation planning process and project implementation in the Old Colony Region.

As such, the Old Colony Planning Council continues to work with our regional partners in the advancement of environmental justice principles throughout the regional planning process. Such analyses will be conducted annually and included in the endorsed TIP.



**FFY 2015-2018 OLD COLONY TRANSPORTATION IMPROVEMENT PROGRAM (TIP)**

**Thirty-Day Public Review and Comment Period - Legal Advertisements**

**The Brockton Enterprise**

**The Patriot Ledger**

**The Ojournal**

NOTICE OF PUBLIC COMMENT/REVIEW FOR THE  
§ DRAFT FFY 2014-2017 TRANSPORTATION IMPROVEMENT PROGRAM (TIP) AMENDMENT  
§ DRAFT FFY 2015-2018 TRANSPORTATION IMPROVEMENT PROGRAM (TIP)  
§ DRAFT FFY 2015 UNIFIED PLANNING WORK PROGRAM (UPWP)

In accordance with the Public Participation Process developed by the Old Colony Metropolitan Planning Organization (MPO), Old Colony Planning Council (OCPC) is making the DRAFT FFY 2014-2017 Transportation Improvement Program (TIP) Amendment, the DRAFT FFY 2015-2018 Transportation Improvement Program (TIP), and the DRAFT FFY 2015 Unified Planning Work Program (UPWP) available for public review and comment. The TIP serves as a prioritized listing of highway, bridge, and transit projects proposed for implementation during the next four (4) federal fiscal years. Copies of these documents are available for review at the OCPC Offices (8:30 a.m. to 4:00 p.m.), at <http://www.ocpcrpa.org/>, and/or upon request. This notice will initiate a 30-Day Public Review and Comment Period. This process will also be used as Brockton Area Transit Authority's (BAT) public participation process. The Brockton Area Transit Authority, the FTA Section 5307(c) applicant, has consulted with the Old Colony Metropolitan Planning Organization and concurs that the public involvement process adopted by the Old Colony MPO for development of the TIP satisfies the public hearing requirements that pertain to the development of the Program of Projects for the regular Section 5307, Urbanized Area Formula Program, grant applications including the provisions for public notice and the time established for public review and comment. A public meeting of the OCPC and Old Colony MPO advisory committee, the Old Colony Joint Transportation Committee (JTC), is scheduled for June 12, 2014 at 12 PM. Furthermore, a public meeting of the Old Colony MPO will be scheduled for later in June 2014 to hear additional public comments and consider endorsement of these Programs. Please contact Charles Kilmer at 508-583-1833 Extension 206 for further information. Please send written comments to:  
Old Colony Planning Council (OCPC)  
70 School Street  
Brockton, MA 02301  
Attention: Charles Kilmer  
5/20/14 13118648

NOTICE OF PUBLIC COMMENT/REVIEW FOR THE  
§ DRAFT FFY 2014-2017 TRANSPORTATION IMPROVEMENT PROGRAM (TIP) AMENDMENT  
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13118653 5/20/14

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

Comments received from the thirty-day public review can be obtained by contacting Charles Kilmer at 508-583-1833, Extension 206.

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

The major sources of transportation funding are the Federal Highway Administration (FHWA), Federal Transit Administration (FTA), and the Federal Aviation Administration (FAA). The United States Congress authorizes funding for these transportation projects through federal legislation. For highways and mass transportation, the most recent authorization was the MAP-21 (2012). Federal funding received from MAP-21 is allocated to different funding programs. State funds are also a key component for transportation purposes. Some of these programs are listed below.

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

- **National Highway Performance Program (NHPP)** provides support for the condition and performance of the National Highway System (NHS), for the construction of new facilities on the NHS, and to ensure that investments of Federal-aid funds in highway construction are directed to support progress toward the achievement of performance targets established in a State's asset management plan for the NHS.
- **Surface Transportation Program (STP)** is a block grant program that may be used for any roads (including NHS) that are not functionally classified as local or rural minor collectors. These roads are collectively referred to as federal-aid eligible roads. Bridge projects paid for with STP funds are not restricted to federal-aid roads but may be on any public road. Transit capital projects are also eligible under this program.
- **Congestion Mitigation and Air Quality Improvement Program (CMAQ)** directs funds toward transportation projects in Clean Air Act non-attainment areas for ozone and carbon monoxide. These projects will contribute to meeting the attainment of national ambient air quality standards. The state receives funds based on its share of the population of air quality non-attainment areas weighted by degree of air pollution.
- **Highway Safety Improvement Program (HSIP)** is a program that aims to reduce the number of fatal and injury crashes by targeting high crash locations. Projects, using (HSIP) funding, are required, by MAP-21, the Federal Legislation, to be selected based a data driven process.

- **Transportation Alternatives Program (TAP)** MAP-21 established a new program to provide for a variety of alternative transportation projects, including many that were previously eligible activities under separately funded programs. The TAP replaces the funding from pre-MAP-21 programs including Transportation Enhancements, Recreational Trails, Safe Routes to School, and several other discretionary programs, wrapping them into a single funding source.
- **Bridge Replacement and Rehabilitation Program** provides funds for rehabilitation and replacement of any bridge on a public road. Bridges on the federal-aid system or off the federal-aid system are eligible for these funds. Eligible activities/ projects are bridge painting, seismic retrofitting, and calcium magnesium applications.
- **Other Federal Aid** includes projects that received federal funding outside the federal-aid program. Funds in this category are generally approved as line items appended to various pieces of federal legislation. Projects in this category are generally intended to improve public safety within a specified region that might not qualify for funding through other sources.
- **Non-Federal Aid (NFA)** contains all projects not receiving federal funds. Various categories of state funding are included in this group such as bikeways, State Aid (Chapter 90), MassWorks, highway construction, and maintenance.

#### ***Transit Funding Programs***

- **49 U.S.C. Section 5307** provides capital, preventative maintenance, and operating assistance to transit systems in urbanized areas. MAP-21 expands eligibility for using Urbanized Area Formula funds for operating expenses. Previously, only urbanized areas with populations below 200,000 were eligible to use Federal transit funding for operating expenses. Now, transit systems in urbanized areas over 200,000 can use their formula funding for operating expenses if they operate no more than 100 buses. Activities eligible under the former Job Access and Reverse Commute (JARC) program, which focused on providing services to low-income individuals to access jobs, are now eligible under the Urbanized Area Formula program.
- **49 U.S.C. Section 5310** provides formula funding to increase the mobility of seniors and persons with disabilities. Funds are apportioned based on each State's share of the targeted populations and are now apportioned to both States (for all areas under 200,000) and large urbanized areas (over 200,000). The former New Freedom program (5317) is folded into this program.
- **49 U.S.C. Section 5311** provides capital, planning, and operating assistance to support public transportation in rural areas, defined as areas with fewer than 50,000 residents. Funding is based on a formula that uses land area, population, and transit service.
- **49 U.S.C. Section 5339** replaces the previous Section 5309 discretionary Bus and Bus Facilities program. This capital program provides funding to replace, rehabilitate, and purchase buses and related equipment, and to construct bus-related facilities.
- **Mobility Assistance Program (MAP)** is a state funded program similar to Section 5310, but provides capital assistance to public non-profit service carriers. MAP funds are intended for use by public agencies, such as Councils on Aging, South Shore Community Action Council, and the Brockton Area Transit Authority (BAT), to provide van service to elderly and disabled persons.

**FFY 2015-2018 OLD COLONY TRANSPORTATION IMPROVEMENT PROGRAM (TIP)**

**Part B. Highway and Bridge Project Listing by Community**

The following is an informational list of identified projects regardless of priority and funding source. Location in TIP refers to which year the project is programmed or located if not programmed.

**1. Project List**

COMMUNITY	DESCRIPTION	ID	LOCATION IN TIP
ABINGTON	ABINGTON SAFE ROUTES TO SCHOOL (CENTER SCHOOL)	605693	OTHER REGIONAL PRIORITIES
ABINGTON	ABINGTON - SAFE ROUTES TO SCHOOL (WOODWARD SCHOOL)	PRE - PRC	POTENTIAL PROJECTS
ABINGTON	ABINGTON- SUPERSTRUCTURE REPLACEMENT & SUBSTRUCTURE REHABILITATION, A-01-006, CENTRAL STREET OVER SHUMATUSCANT RIVER	607346	OTHER REGIONAL PRIORITIES
ABINGTON, 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)	601630	OTHER REGIONAL PRIORITIES
ABINGTON, WHITMAN	ROUTE 18 CAPACITY ENHANCEMENT FROM ROUTE 139 TO ROUTE 14	PRE - PRC	POTENTIAL PROJECTS
AVON	ROUTE 28 (EAST MAIN STREET) AT EAST/WEST SPRING STREET SIGNALIZATION AND GEOMETRIC IMPROVEMENT	PRE - PRC	POTENTIAL PROJECTS
AVON	WEST MAIN STREET RECONSTRUCTION (HARRISON BOULEVARD TO ROUTE 28)	PRE - PRC	POTENTIAL PROJECTS
BRIDGEWATER	HIGH STREET RECONSTRUCTION FROM HAYWARD STREET TO PLYMOUTH STREET	PRE - PRC	POTENTIAL PROJECTS
BRIDGEWATER	MILL STREET RECONSTRUCTION FROM PLYMOUTH STREET TO HIGH STREET	PRE - PRC	POTENTIAL PROJECTS
BRIDGEWATER	SOUTH STREET@ ROUTE 104 SIGNALIZATION AND GEOMETRIC IMPROVEMENT	PRE - PRC	POTENTIAL PROJECTS
BRIDGEWATER	SUMMER STREET RECONSTRUCTION FROM GROVE STREET TO FLAGG STREET	PRE - PRC	POTENTIAL PROJECTS
BRIDGEWATER	TITICUT STREET BRIDGE REPLACEMENT OVER TAUNTON RIVER	PRE - PRC	POTENTIAL PROJECTS
BRIDGEWATER	TOWN RIVER LANDING PEDESTRIAN BRIDGE ENHANCEMENT PROJECT	PRE - PRC	POTENTIAL PROJECTS
BROCKTON	BROCKTON- INTERSECTION IMPROVEMENTS @ CRESCENT STREET (ROUTE 27)/QUINCY STREET/MASSASOIT BOULEVARD	606143	OTHER REGIONAL PRIORITIES
BROCKTON	BROCKTON- RESURFACING & RELATED WORK ON PERKINS AVENUE, FROM SUMMER STREET TO MAIN STREET (2,800 FT.)	601642	OTHER REGIONAL PRIORITIES
BROCKTON	BROCKTON- SIGNAL & INTERSECTION IMPROVEMENTS @ ROUTE 123 (BELMONT STREET)/LINWOOD STREET/LORRAINE AVENUE	606036	2016
BROCKTON	BROCKTON- SUPERSTRUCTURE REPLACEMENT, B-25-047, ROUTE 24 OVER WEST CHESTNUT STREET	607266	OTHER REGIONAL PRIORITIES
BROCKTON	ITS REVENUE COLLECTION EQUIPMENT	PRE - PRC	POTENTIAL PROJECTS
BROCKTON	MAIN STREET AT FOREST AVENUE TRAFFIC SIGNALS AND GEOMETRIC IMPROVEMENTS	PRE - PRC	POTENTIAL PROJECTS
BROCKTON	MAIN STREET RECONSTRUCTION FROM WHITE AVENUE TO HAYWARD AVENUE	PRE - PRC	POTENTIAL PROJECTS

**FFY 2015-2018 OLD COLONY TRANSPORTATION IMPROVEMENT PROGRAM (TIP)**

BROCKTON	NORTH MAIN STREET RECONSTRUCTION FROM PROSPECT STREET TO COURT WAY	PRE - PRC	POTENTIAL PROJECTS
BROCKTON	ROUTE 27 - CRESCENT STREET, LYMAN STREET, AND SUMMER STREET INTERSECTION IMPROVMENTS	PRE - PRC	POTENTIAL PROJECTS
BROCKTON	ROUTE 28 RECONSTRUCTION FROM EAST ASHLAND STREET TO PLAIN STREET	PRE - PRC	POTENTIAL PROJECTS
BROCKTON, WEST BRIDGEWATER, BRIDGEWATER, RAYNHAM, TAUNTON, FREETOWN	BROCKTON- WEST BRIDGEWATER- BRIDGEWATER- RAYNHAM- TAUNTON- FREETOWN- CLEANING, PAINTING & REPAIRING 11 STEEL BRIDGES ON/OVER ROUTE 24	606021	OTHER REGIONAL PRIORITIES
DUXBURY	DUXBURY- BRIDGE REPLACEMENT, D-14-010 (48H & 48J), ROUTE 3 (PILGRIM HIGHWAY) NB/SB OVER FRANKLIN STREET	605294	OTHER REGIONAL PRIORITIES
DUXBURY	DUXBURY- INTERSECTION IMPROVEMENTS @ KINGSTOWN WAY (ROUTE 53) & WINTER STREET	603462	OTHER REGIONAL PRIORITIES
DUXBURY	DUXBURY- SIGNAL INSTALLATION @ ROUTE 3 (NB & SB) RAMPS & ROUTE 3A (TREMONT STREET)	606002	OTHER REGIONAL PRIORITIES
EAST BRIDGEWATER	EAST BRIDGEWATER- RESURFACING AND SIDEWALK CONSTRUCTION ON BEDFORD STREET (ROUTE 18), FROM WHITMAN STREET (ROUTE 106) TO CENTRAL STREET	607941	OTHER REGIONAL PRIORITIES
EAST BRIDGEWATER	ROUTE 106 RECONSTRUCTION WHITMAN STREET TO HALIFAX TOWN LINE	PRE - PRC	POTENTIAL PROJECTS
EASTON	CENTRAL STREET RESURFACING FROM WASHINGTON TO DEPOT	PRE - PRC	POTENTIAL PROJECTS
EASTON	EASTON - ROUTE 123 (DEPOT STREET) RECONSTRUCTION ON FROM NEWELL CIRCLE TO ROUTE 138	607217	OTHER REGIONAL PRIORITIES
EASTON	EASTON- INTERSECTION IMPROVEMENTS @ ROUTE 138 & TURNPIKE STREET	604098	OTHER REGIONAL PRIORITIES
EASTON	ROUTE 106 - EASTMAN STREET, MANSFIELD TOWN LINE TO ROUTE 123	PRE - PRC	POTENTIAL PROJECTS
EASTON	ROUTE 106 - FOUNDRY STREET, BAY ROAD TO MORSE ROAD	PRE - PRC	POTENTIAL PROJECTS
EASTON	ROUTE 106 - FOUNDRY STREET, EASTMAN STREET TO BAY ROAD	PRE - PRC	POTENTIAL PROJECTS
EASTON	ROUTE 138 @ ELM STREET SIGNALIZATION AND GEOMETRIC IMPROVEMENTS	PRE - PRC	POTENTIAL PROJECTS
EASTON	ROUTE 138 @ PLYMOUTH STREET SIGNALIZATION AND GEOMETRIC IMPROVEMENT	PRE - PRC	POTENTIAL PROJECTS
EASTON	ROUTE 138 @ UNION STREET SIGNALIZATION AND GEOMETRIC IMPROVEMENTS	607438	2018
EASTON	ROUTE 138 @ UNION STREET SIGNALIZATION AND GEOMETRIC IMPROVEMENTS	607438	OTHER REGIONAL PRIORITIES
HALIFAX	ROUTE 106 RECONSTRUCTION (ROUTE 105 TO BRIDGEWATER TOWN LINE)	PRE - PRC	POTENTIAL PROJECTS

**FFY 2015-2018 OLD COLONY TRANSPORTATION IMPROVEMENT PROGRAM (TIP)**

HINGHAM, HANOVER, DUXBURY, KINGSTON, PLYMOUTH	HINGHAM- HANOVER- DUXBURY- KINGSTON- PLYMOUTH- CLEANING, PAINTING & REPAIRING 7 STEEL BRIDGES ON/OVER ROUTE 3	606023	OTHER REGIONAL PRIORITIES
KINGSTON	KINGSTON- RECONSTRUCTION ON ROUTE 106 (MAIN STREET, WAPPING ROAD) (5,300 FEET)	601164	OTHER REGIONAL PRIORITIES
KINGSTON	KINGSTON- SUPERSTRUCTURE REPLACEMENT, K-01-011, PILGRIM HIGHWAY (ROUTE 3) OVER JONES RIVER	607268	OTHER REGIONAL PRIORITIES
KINGSTON	ROUTE 27 @ ROUTE 106 SIGNAL REPLACEMENT AND GEOMETRIC IMPROVEMENTS	PRE - PRC	POTENTIAL PROJECTS
KINGSTON	ROUTE 3A AT CRESCENT STREET SIGNALIZATION AND GEOMETRIC IMPROVEMENTS	PRE - PRC	POTENTIAL PROJECTS
KINGSTON, PLYMOUTH	KINGSTON- PLYMOUTH- RESURFACING & RELATED WORK ON ROUTE 3	607175	OTHER REGIONAL PRIORITIES
MIDDLEBORO, PLYMOUTH	MIDDLEBORO- PLYMOUTH- RESURFACING & RELATED WORK ON ROUTE 44	607568	OTHER REGIONAL PRIORITIES
NORWELL, PEMBROKE	NORWELL- PEMBROKE- BRIDGE REPLACEMENT, N-24-004=P-05-008, ROUTE 3 (NB & SB) OVER NORTH RIVER	607349	OTHER REGIONAL PRIORITIES
PEMBROKE	PEMBROKE - REHABILITATION OF ROUTE 36 FROM ROUTE 27 TO ROUTE 14	600380	OTHER REGIONAL PRIORITIES
PEMBROKE	PEMBROKE - ROUTE 53 AT PLEASANT STREET SIGNALIZATION AND GEOMETRIC IMPROVEMENTS	607337	2016
PEMBROKE	PEMBROKE - ROUTE 53 AT PLEASANT STREET SIGNALIZATION AND GEOMETRIC IMPROVEMENTS	607337	OTHER REGIONAL PRIORITIES
PEMBROKE	PEMBROKE- RECONSTRUCTION ON ROUTE 14, FROM THE HANSON T.L. TO WASHINGTON STREET (ROUTE 53)	604957	2015 and 2016
PLYMOUTH	CARVER ROAD/SUMMER ST/FEDERAL FURNACE/SLEEPY HOLLOW ROAD SIGNALIZATION	PRE - PRC	POTENTIAL PROJECTS
PLYMOUTH	CHERRY STREET RECONSTRUCTION FROM INDUSTRIAL PARK ROAD TO COMMERCE WAY	PRE - PRC	POTENTIAL PROJECTS
PLYMOUTH	FEDERAL FURNACE ROAD RECONSTRUCTION FROM CARVER TOWN LINE TO SOUTH MEADOW ROAD	PRE - PRC	POTENTIAL PROJECTS
PLYMOUTH	JENNY GRIST MILL/ BILLINGTON SEA WALKWAY	PRE - PRC	POTENTIAL PROJECTS
PLYMOUTH	LONG POND ROAD RECONSTRUCTION (DREW ROAD TO CLARK ROAD)	PRE - PRC	POTENTIAL PROJECTS
PLYMOUTH	PLYMOUTH- IMPROVEMENTS ON OBERY STREET, FROM SOUTH STREET TO A.A. CARANCI WAY/PLYMOUTH NORTH H.S. DRIVE INTERSECTION	606264	2017
PLYMOUTH	PLYMOUTH- RECONSTRUCTION OF TAYLOR AVENUE, FROM WHITE HORSE ROAD TO MANOMET POINT ROAD, INCLUDES P-13-010	605038	2018
PLYMOUTH	PLYMOUTH- RECONSTRUCTION OF TAYLOR AVENUE, FROM WHITE HORSE ROAD TO MANOMET POINT ROAD, INCLUDES P-13-010	605038	OTHER REGIONAL PRIORITIES

**FFY 2015-2018 OLD COLONY TRANSPORTATION IMPROVEMENT PROGRAM (TIP)**

PLYMOUTH	PLYMOUTH- RESURFACING & RELATED WORK ON ROUTE 3	606524	OTHER REGIONAL PRIORITIES
PLYMOUTH	ROUTE 3 AT EXIT 3 INTERCHANGE AND VICINITY ACCESS IMPROVEMENTS	PRE - PRC	POTENTIAL PROJECTS
PLYMOUTH	ROUTE 3A AT SOUTH STREET SIGNALIZATION	PRE - PRC	POTENTIAL PROJECTS
PLYMOUTH	ROUTE 3A STATE ROAD AND HERRING POND ROAD SIGNALIZATION	PRE - PRC	POTENTIAL PROJECTS
PLYMOUTH	SAMOSET STREET @ MARC DRIVE/ MOBILE HOME ESTATES SIGNALIZATION	PRE - PRC	POTENTIAL PROJECTS
PLYMOUTH	TOWN WHARF PEDESTRIAN AND ROADWAY IMPROVEMENTS	PRE - PRC	POTENTIAL PROJECTS
STOUGHTON	BAY ROAD RECONSTRUCTION	PRE - PRC	POTENTIAL PROJECTS
STOUGHTON	CANTON (ROUTE 27)/TOSCA/CENTRAL INTERSECTION IMPROVEMENTS	PRE - PRC	POTENTIAL PROJECTS
STOUGHTON	CANTON STREET (ROUTE 27) & SCHOOL STREET SIGNALIZATION	PRE - PRC	POTENTIAL PROJECTS
STOUGHTON	STOUGHTON- INTERSECTION IMPROVEMENTS & RELATED WORK AT WASHINGTON STREET (ROUTE 138) & CENTRAL STREET	607403	OTHER REGIONAL PRIORITIES
STOUGHTON	STOUGHTON- RECONSTRUCTION OF TURNPIKE STREET	607214	OTHER REGIONAL PRIORITIES
STOUGHTON	TURNPIKE AND CENTRAL STREETS RESURFACING	PRE - PRC	POTENTIAL PROJECTS
WEST BRIDGEWATER	BELMONT STREET BRIDGE REHABILITATION	PRE - PRC	POTENTIAL PROJECTS
WEST BRIDGEWATER	BRIDGE REHABILITATION ARCH STREET	PRE - PRC	POTENTIAL PROJECTS
WEST BRIDGEWATER	ROUTE 106 @ EAST STREET SIGNALIZATION	PRE - PRC	POTENTIAL PROJECTS
WEST BRIDGEWATER	ROUTE 106 @ HOWARD STREET SIGNALIZATION	PRE - PRC	POTENTIAL PROJECTS
WEST BRIDGEWATER	ROUTE 28 @ MATFIELD STREET SIGNALIZATION	PRE - PRC	POTENTIAL PROJECTS
WEST BRIDGEWATER	SOUTH STREET RESURFACING AND SIDEWALKS	PRE - PRC	POTENTIAL PROJECTS
WEST BRIDGEWATER	WEST BRIDGEWATER- BRIDGE REPLACEMENT, W-18-012, SR 106 (WEST CENTER STREET) OVER THE HOCKOMOCK RIVER	605351	OTHER REGIONAL PRIORITIES
WEST BRIDGEWATER	WEST BRIDGEWATER- RECONSTRUCTION ON ROUTE 106, FROM ROUTE 28 (CENTRAL SQUARE) TO EASTON T.L.	603456	OTHER REGIONAL PRIORITIES
WEST BRIDGEWATER	WEST STREET BRIDGE REHABILITATION	PRE - PRC	POTENTIAL PROJECTS
WHITMAN	WHITMAN- TRAFFIC SIGNAL IMPROVEMENTS & RELATED WORK ON BEDFORD STREET (ROUTE 18) AT 2 LOCATIONS: AUBURN STREET (ROUTE 14) & TEMPLE STREET (ROUTE 27)	607860	OTHER REGIONAL PRIORITIES

FFY 2015-2018 OLD COLONY TRANSPORTATION IMPROVEMENT PROGRAM (TIP)

Part C. TIP - Federal Requirements and Project List

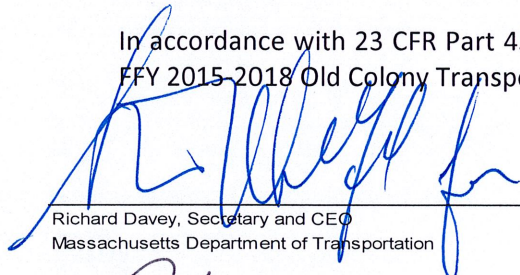
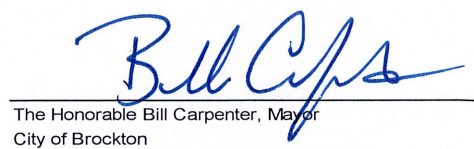
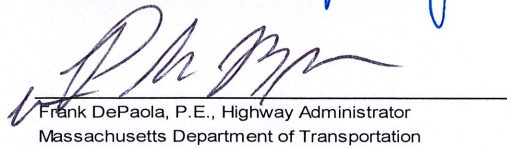

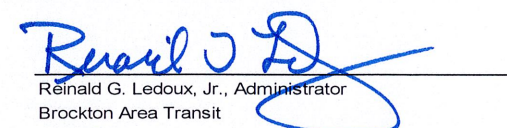
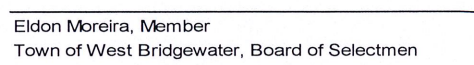
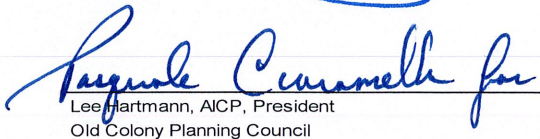
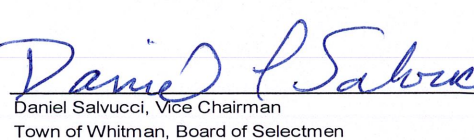
1. Endorsement of the FFY 2015-2018 Old Colony TIP and Air Quality Conformity Determination

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. 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. 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.

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. The only area that was designated as nonattainment is Dukes County. All other counties were classified as unclassifiable/ attainment.

Conformity for ozone in the Old Colony MPO is required until July 20, 2013 for only the 1997 ozone standard. Since the FFY 2015-2018 TIP completed its collective development, review, and approval by the Federal Highway Administration after July 20, 2013, when this standard was revoked, and since the latest area designations to do not require conformity under the current 2008 standard, the Old Colony MPO does not need to perform a conformity determination for ozone.

In accordance with 23 CFR Part 450 (Metropolitan Planning), the Old Colony MPO hereby endorses the FFY 2015-2018 Old Colony Transportation Improvement Program.

 Richard Davey, Secretary and CEO Massachusetts Department of Transportation	<u>6/24/14</u> Date	 The Honorable Bill Carpenter, Mayor City of Brockton	<u>6/24/14</u> Date
 Frank DePaola, P.E., Highway Administrator Massachusetts Department of Transportation	<u>6/24/14</u> Date	 Kenneth Tavares, Chairman Town of Plymouth, Board of Selectmen	<u>6/24/14</u> Date
 Reinald G. Ledoux, Jr., Administrator Brockton Area Transit	<u>6.24.14</u> Date	 Eldon Moreira, Member Town of West Bridgewater, Board of Selectmen	 Date
 Lee Hartmann, AICP, President Old Colony Planning Council	<u>6-24-14</u> Date	 Daniel Salvucci, Vice Chairman Town of Whitman, Board of Selectmen	<u>6/24/14</u> Date

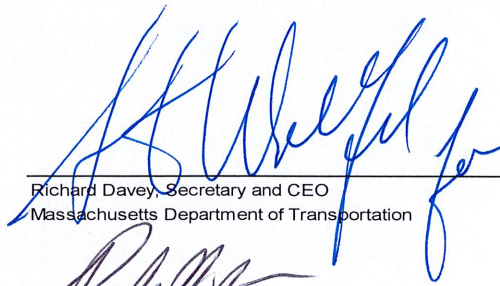


FFY 2015-2018 OLD COLONY TRANSPORTATION IMPROVEMENT PROGRAM (TIP)

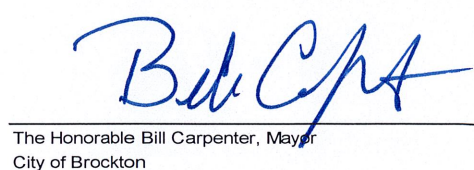
2. Old Colony MPO Self Certification Compliance Statement

This will certify that the Comprehensive, Continuing, Cooperative Transportation Planning Process for the Old Colony Metropolitan Planning Organization is addressing major issues facing the region and certifies that the metropolitan transportation planning process is being carried out in accordance with all applicable requirements including:

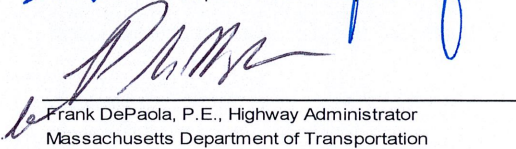
1. Title VI of the Civil Rights Act of 1964 (42 U.S.C. §2000d *et seq.*, 78 stat. 252), (prohibits discrimination on the basis of race, color, national origin);
2. Federal-Aid Highway Act of 1973, (23 U.S.C. § 324*et seq.*), (prohibits discrimination on the basis of sex);
3. Section 504 of the Rehabilitation Act of 1973, (29 U.S.C. §794 *et seq.*), as amended, (prohibits discrimination on the basis of disability);
4. The Age Discrimination Act of 1975, as amended, (42 U.S.C. §6101 *et seq.*), (prohibits discrimination on the basis of age);
5. Americans with Disabilities Act of 1990, as amended, (42 U.S.C. § 12101 *et seq.*), (prohibits discrimination on the basis of disability);
6. 49 C.F.R. Part 21 (entitled *Nondiscrimination In Federally-Assisted Programs Of The Department Of Transportation—Effectuation Of Title VI Of The Civil Rights Act Of 1964*);
7. 49 C.F.R. Part 27 (entitled *Nondiscrimination On The Basis Of Disability In Programs Or Activities Receiving Federal Financial Assistance*);
8. 49 C.F.R. Part 28 (entitled *Enforcement Of Nondiscrimination On The Basis Of Handicap In Programs Or Activities Conducted By The Department Of Transportation*);
9. 49 C.F.R. Part 37 (entitled *Transportation Services For Individuals With Disabilities (ADA)*);
10. 23 C.F.R. Part 200(FHWA's Title VI/Nondiscrimination Regulation);
11. 28 C.F.R. Part 35 (entitled *Discrimination On The Basis Of Disability In State And Local Government Services*);
12. 28 C.F.R. Part 50.3 (DOJ Guidelines for Enforcement of Title VI of the Civil Rights Act of 1964)

 for 6/24/14  
Date

Richard Davey, Secretary and CEO  
Massachusetts Department of Transportation

 6/24/14  
Date

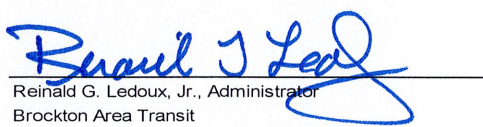
The Honorable Bill Carpenter, Mayor  
City of Brockton

 6/24/14  
Date

Frank DePaola, P.E., Highway Administrator  
Massachusetts Department of Transportation

\_\_\_\_\_  
Date

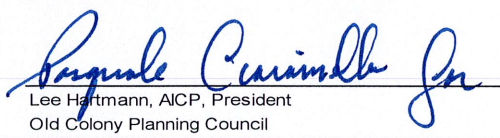
Kenneth Tavares, Chairman  
Town of Plymouth, Board of Selectmen

 6-24-14  
Date


Reinald G. Ledoux, Jr., Administrator  
Brockton Area Transit

\_\_\_\_\_  
Date

Eldon Moreira, Member  
Town of West Bridgewater, Board of Selectmen

 6-24-14  
Date

Lee Hartmann, AICP, President  
Old Colony Planning Council

 6/24/14  
Date

Daniel Salvucci, Vice Chairman  
Town of Whitman, Board of Selectmen

***FFY 2015-2018 OLD COLONY TRANSPORTATION IMPROVEMENT PROGRAM (TIP)***

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The currently endorsed Unified Planning Work Program, Regional Transportation Plan, and Transportation Improvement Program, together with any amendments, were developed in accordance with FHWA/FTA regulations governing the implementation of the Moving Ahead for Progress in the 21<sup>st</sup> Century (MAP-21) and EPA regulations governing the implementation of the Clean Air Act Amendments of 1990, and fully incorporate the applicable requirements of the 1964 Civil Rights Act and the Americans with Disabilities Act of 1990. From certification reviews conducted in 2006 and 2011, the FHWA and FTA have determined that the transportation planning process of the MPO substantially meets the requirements of the Metropolitan Planning Rule 23 CFR Part 450 Subpart C and 49 CFR Part 613. In addition, FHWA and FTA have jointly certified the transportation planning process.

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

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

The procedures for changing the TIP are:

**TIP Amendment**

- A TIP Amendment is the most extensive change procedure that a TIP may be required to go through. A TIP amendment requires the proposed changes to undergo a thirty-day public review period and be formally endorsed at a MPO meeting by the MPO if no significant comments are received. However, the Old Colony MPO, at their discretion, may vote to abbreviate the public comment period under what they consider extraordinary circumstances beyond the MPO's control.

The following triggers TIP Amendments;

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

**TIP Adjustment/ Administrative Modification**

- A TIP Adjustment/ Administrative Modification is a minor Amendment. The Adjustment procedure requires an administrative action (the change), Joint Transportation Committee advice, and MPO signatory notification of the change. Adjustments or Administrative Modifications to the RTP are minor amendments such as adding projects to the Illustrative Project Listing, and the procedure requires an administrative action (the change), JTC advice, and Old Colony MPO notification of the change.

The following triggers TIP Adjustments;

- ✓ A project currently on the TIP is moved into the active year element (FFY 2015), including Mega projects as long as the TIP remains financially constrained
- ✓ A modest funding change
- ✓ A project is split into one or more projects
- ✓ A project listed in the FFY 2014-2017 TIP, and is not advertised in FFY 2014 is moved into the FFY 2015-2018 TIP.

**4. Financial Summary and Targets**

**Highway Projects - Federal Aid**

<b>Fiscal Year</b>	<b>Federal Target</b>	<b>Federal Programmed</b>
<b>2015</b>	\$ 7,239,485	\$ 6,689,203
<b>2016*</b>	\$ 7,959,824	\$ 18,522,622
<b>2017*</b>	\$ 7,959,824	\$ 10,684,000
<b>2018</b>	\$ 7,959,824	\$ 7,398,720
<b>Totals</b>	<b>\$ 31,118,957</b>	<b>\$ 43,294,545</b>

**Transit Projects**

<b>Fiscal Year</b>	<b>Federal Apportionment</b>	<b>Federal Programmed**</b>
<b>2015</b>	---	\$ 3,238,400
<b>2016</b>	---	\$ 3,679,971
<b>2017</b>	---	\$ 3,769,200
<b>2018</b>	---	\$ 3,418,000
<b>Totals</b>	<b>\$ -</b>	<b>\$ 14,105,571</b>

\*Programmend amount include projects funded with statewide funds

\*\*MAP, & State Funds totals not included.

The Old Colony MPO Transportation Improvement Program is financially constrained according to the definition in the Federal Register 23 CFR Part 450.324. Please note that project costs programmed in the TIP are expressed in Year of Expenditure (YOE) dollars. The cost inflation factor utilized is increased 4% annually. The projects programmed meet the funding estimates of federal and state funds available in each of these fiscal years. These estimates were provided by the state and refined as part of the State Transportation Improvement Program (STIP) development process.

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

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

**FFY 2015-2018 OLD COLONY TRANSPORTATION IMPROVEMENT PROGRAM (TIP)**

**5. Summary of Regional Funding Categories (FFY 2015-2018)**

<b>Funding Category</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>Total</b>
BRIDGE	\$ -	\$ -	\$ -	\$ -	\$ -
CMAQ	\$ 1,709,829	\$ 1,424,858	\$ 1,424,858	\$ 1,424,858	\$ 5,984,403
HSIP	\$ 506,616	\$ 455,954	\$ 455,954	\$ 455,954	\$ 1,874,478
ITS	\$ -	\$ -	\$ -	\$ -	\$ -
NHPP	\$ -	\$ -	\$ -	\$ -	\$ -
SRTS	\$ -	\$ -	\$ -	\$ -	\$ -
STP	\$ 4,723,031	\$ 5,567,308	\$ 5,746,529	\$ 5,746,529	\$ 21,783,397
TAP	\$ 300,009	\$ 511,704	\$ 332,483	\$ 332,483	\$ 1,476,679
<b>Subtotal FHWA/ State</b>	<b>\$ 7,239,485</b>	<b>\$ 7,959,824</b>	<b>\$ 7,959,824</b>	<b>\$ 7,959,824</b>	<b>\$ 31,118,957</b>
5307 - Operating/ PM	\$ 4,800,000	\$ 5,000,000	\$ 5,100,000	\$ 5,500,000	\$ 20,400,000
5307 - Capital	\$ 1,048,000	\$ 1,589,000	\$ 1,344,000	\$ 835,000	\$ 4,816,000
5339	\$ -	\$ -	\$ -	\$ -	\$ -
5310	\$ -	\$ -	\$ -	\$ -	\$ -
5311	\$ -	\$ -	\$ -	\$ -	\$ -
Non-Federal	\$ 635,000	\$ 1,705,000	\$ 7,309,000	\$ 7,010,000	\$ 16,659,000
Livability	\$ -	\$ -	\$ -	\$ -	\$ -
TIGER	\$ -	\$ -	\$ -	\$ -	\$ -
<b>Subtotal FTA/ State</b>	<b>\$ 6,483,000</b>	<b>\$ 8,294,000</b>	<b>\$ 13,753,000</b>	<b>\$ 13,345,000</b>	<b>\$ 41,875,000</b>
<b>Grand Total</b>	<b>\$ 13,722,485</b>	<b>\$ 16,253,824</b>	<b>\$ 21,712,824</b>	<b>\$ 21,304,824</b>	<b>\$ 72,993,957</b>

# 2015 Old Colony Transportation Improvement Program

05/20/2014 Draft Released  
06/24/2014 Endorsed

Amendment/Adjustment Type ▼	MassDOT Project ID ▼	MPO ▼	Municipality Name ▼	MassDOT Project Description ▼	MassDOT District ▼	Funding Source ▼	Total Programmed Funds ▼	Federal Funds ▼	Non-Federal Funds ▼	Additional Information ▼	
<b>► Section 1A / Federal Aid Target Projects</b>											
<b>► HSIP - Highway Safety Improvement Program</b>											
				No Projects Programmed			\$ -	\$ -	\$ -		
							HSIP Subtotal ▶	\$ -	\$ -	\$ -	◀ 90% Federal + 10% Non-Federal
<b>► CMAQ - Congestion Mitigation and Air Quality Improvement Program</b>											
	604957	Old Colony	Pembroke	PEMBROKE-RECONSTRUCTION ON ROUTE 14, FROM THE HANSON T.L. TO WASHINGTON STREET (ROUTE 53) AC PHASE 1 OF 2	5	CMAQ	\$ 1,709,829	\$ 1,367,863	\$ 341,966	CMAQ/ TAP/ STP; YOE is \$6,732,869; 100 Percent Design; TEC Score is 7	
							CMAQ Subtotal ▶	\$ 1,709,829	\$ 1,367,863	\$ 341,966	◀ 80% Federal + 20% Non-Federal
<b>► TAP - Transportation Alternatives Program</b>											
	604957	Old Colony	Pembroke	PEMBROKE-RECONSTRUCTION ON ROUTE 14, FROM THE HANSON T.L. TO WASHINGTON STREET (ROUTE 53) AC PHASE 1 OF 2	5	TAP	\$ 300,009	\$ 240,007	\$ 60,002	CMAQ/ TAP/ STP; YOE is \$6,732,869; 100 Percent Design; TEC Score is 7	
							TAP Subtotal ▶	\$ 300,009	\$ 240,007	\$ 60,002	◀ 80% Federal + 20% Non-Federal
<b>► Non-CMAQ/HSIP/TAP (Other)</b>											
	604957	Old Colony	Pembroke	PEMBROKE-RECONSTRUCTION ON ROUTE 14, FROM THE HANSON T.L. TO WASHINGTON STREET (ROUTE 53) AC PHASE 1 OF 2	5	STP	\$ 4,723,031	\$ 3,778,425	\$ 944,606	CMAQ/ TAP/ STP; YOE is \$6,732,869; 100 Percent Design; TEC Score is 7	
							Non-CMAQ/HSIP/TAP (Other) Subtotal ▶	\$ 4,723,031	\$ 3,778,425	\$ 944,606	◀ 80% Federal + 20% Non-Federal
<b>► Section 1A / Fiscal Constraint Analysis</b>											
<b>Total Federal Aid Target Funds Programmed ▶</b>							\$ 6,732,869	\$ 7,239,485	◀ Total Target	\$ 506,616	Target Funds Available
<b>Total Non-CMAQ/HSIP/TAP (Other) Programmed ▶</b>							\$ 4,723,031	\$ 4,723,031	◀ Max. Non-CMAQ/HSIP/TAP	\$ -	Non-CMAQ/HSIP/TAP (Other) /
<b>Total HSIP Programmed ▶</b>							\$ -	\$ 506,616	◀ Min. HSIP	\$ 506,616	HSIP Minimum Not Met
<b>Total CMAQ Programmed ▶</b>							\$ 1,709,829	\$ 1,709,829	◀ Min. CMAQ	\$ -	CMAQ Minimum Met
<b>Total TAP Programmed ▶</b>							\$ 300,009	\$ 300,009	◀ Min. TAP	\$ -	TAP Minimum Met
<b>Remaining HSIP, CMAQ, and TAP Funds \$</b>							\$ -	\$ 506,616			
<b>► Section 1B / Federal Aid Bridge Projects</b>											
<b>► Statewide Bridge Maintenance Program</b>											
				No Projects Programmed			\$ -	\$ -	\$ -		
							Statewide Bridge Maintenance Program Subtotal ▶	\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal
<b>► On System</b>											
				No Projects Programmed			\$ -	\$ -	\$ -		
							On System Subtotal ▶	\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal
<b>► Off-System</b>											
				No Projects Programmed			\$ -	\$ -	\$ -		
							Off-System Subtotal ▶	\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal
<b>► Statewide Bridge Inspection Program</b>											
				No Projects Programmed			\$ -	\$ -	\$ -		
							Statewide Bridge Inspection Program Subtotal ▶	\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal
<b>► Section 1C / Federal Aid Non-Target Projects</b>											
<b>► Other Federal Aid</b>											
				No Projects Programmed			\$ -	\$ -	\$ -		
							Other Federal Aid Subtotal ▶	\$ -	\$ -	\$ -	◀ Funding Split Varies by Funding Source
<b>► Section 1D / Federal Aid Major &amp; State Category Projects</b>											
<b>► Statewide Infrastructure Program</b>											
				No Projects Programmed			\$ -	\$ -	\$ -		
							Statewide Infrastructure Program Subtotal ▶	\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal
<b>► Statewide HSIP Program</b>											
				No Projects Programmed			\$ -	\$ -	\$ -		
							Statewide HSIP Program Subtotal ▶	\$ -	\$ -	\$ -	◀ 90% Federal + 10% Non-Federal

<b>► Statewide Safe Routes to Schools Program</b>				No Projects Programmed		\$ -	\$ -	\$ -	Funding Split Varies by Funding Source
				Statewide Safe Routes to Schools Program Subtotal ►			\$ -	\$ -	◀ Funding Split Varies by Funding Source
<b>► Statewide CMAQ</b>				No Projects Programmed		\$ -	\$ -	\$ -	
				Statewide CMAQ ►			\$ -	\$ -	◀ 80% Federal + 20% Non-Federal
<b>► Statewide Transportation Enhancements</b>				No Projects Programmed		\$ -	\$ -	\$ -	
				Statewide Transportation Enhancements Subtotal ►			\$ -	\$ -	◀ 80% Federal + 20% Non-Federal
<b>► Statewide ITS</b>				No Projects Programmed		\$ -	\$ -	\$ -	
				Statewide ITS Subtotal ►			\$ -	\$ -	◀ 80% Federal + 20% Non-Federal
<b>► Statewide Interstate Maintenance Program</b>				No Projects Programmed		\$ -	\$ -	\$ -	
				Statewide Interstate Maintenance Program Subtotal ►			\$ -	\$ -	◀ 90% Federal + 10% Non-Federal
<b>► Statewide NHS Preservation Program+</b>				No Projects Programmed		\$ -	\$ -	\$ -	
				Statewide NHS Preservation Program Subtotal ►			\$ -	\$ -	◀ 80% Federal + 20% Non-Federal
<b>► Statewide RR Grade Crossings</b>				No Projects Programmed		\$ -	\$ -	\$ -	
				Statewide RR Grade Crossings Subtotal ►			\$ -	\$ -	◀ 80% Federal + 20% Non-Federal
<b>► Statewide Stormwater Retrofits</b>				No Projects Programmed		\$ -	\$ -	\$ -	
				Statewide Stormwater Retrofits Subtotal ►			\$ -	\$ -	◀ 80% Federal + 20% Non-Federal
<b>► Statewide ADA Implementation Plan</b>				No Projects Programmed		\$ -	\$ -	\$ -	
				Statewide ADA Implementation Plan Subtotal ►			\$ -	\$ -	◀ 80% Federal + 20% Non-Federal
<b>► Other Statewide Items</b>						\$ -	\$ -	\$ -	
				Other Statewide Items Subtotal ►			\$ -	\$ -	◀ Funding Split Varies by Funding Source
<b>► Section 2A / Non-Federal Projects</b>						\$ -	\$ -	\$ -	
<b>► Non Federal Aid</b>				No Projects Programmed	NFA	\$ -	\$ -	\$ -	
				Non-Federal Aid Subtotal ►			\$ -	\$ -	◀ 100% Non-Federal
<b>► Section 2B / Non-Federal Bridge Projects</b>						\$ -	\$ -	\$ -	
<b>► Section 2B / Non-Federal Bridge Projects</b>				No Projects Programmed	NFA	\$ -	\$ -	\$ -	
				Section 2B / Non-Federal Bridge Projects Subtotal ►			\$ -	\$ -	◀ 100% Non-Federal

## 2015 Old Colony TIP Summary

	TIP Section 1: ▼	TIP Section 2: ▼	Total of All Projects ▼	
Total	\$ 6,732,869	\$ -	\$ 6,732,869	◀ Total Spending in Region
Federal Funds	\$ 5,386,295	\$ -	\$ 5,386,295	◀ Total Federal Spending in Region
Non-Federal Funds	\$ 1,346,574	\$ -	\$ 1,346,574	◀ Total Non-Federal Spending in Region

701 CMR 7.00 Use of Road Flaggers and Police Details on Public Works Projects / 701 CMR 7.00 (the Regulation) was promulgated and became law on October 3, 2008. Under this Regulation, the CMR is applicable to any Public works Project that is performed within the limits of, or that impact traffic on, any Public Road. The Municipal Limitation referenced in this Regulation is applicable only to projects where the Municipality is the Awarding Authority. For all projects contained in the TIP, the Commonwealth is the Awarding Authority. Therefore, all projects must be considered and implemented in accordance with 701 CMR 7.00, and the Road Flagger and Police Detail Guidelines. By placing a project on the TIP, the Municipality acknowledges that 701 CMR 7.00 is applicable to its project and design and construction will be fully compliant with this Regulation. This information, and additional information relative to guidance and implementation of the Regulation can be found at the following link on the MassDOT Highway Division website: <http://www.massdot.state.ma.us/Highway/flaggers/main.aspx>

# 2016 Old Colony Transportation Improvement Program

05/20/2014 Draft Released  
06/24/2014 Endorsed

Amendment/Adjustment Type ▼	MassDOT Project ID ▼	MPO ▼	Municipality Name ▼	MassDOT Project Description ▼	MassDOT District ▼	Funding Source ▼	Total Programmed Funds ▼	Federal Funds ▼	Non-Federal Funds ▼	Additional Information ▼
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► Section 1A / Federal Aid Target Projects

► HSIP - Highway Safety Improvement Program

	606036	Old Colony	Brockton	BROCKTON- TRAFFIC SIGNAL AND INTERSECTION IMPROVEMENTS AT ROUTE 123 (BELMONT STREET)/LINWOOD STREET/LORRAINE AVENUE	5	HSIP	\$ 455,954	\$ 410,359	\$ 45,595	HSIP/ CMAQ/ STP; YOE is \$3,683,052; 75 Percent Design; TEC Score is 8.1
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HSIP Subtotal ► \$ 455,954 \$ 410,359 \$ 45,595 ◀ 90% Federal + 10% Non-Federal

► CMAQ - Congestion Mitigation and Air Quality Improvement Program

	606036	Old Colony	Brockton	BROCKTON- TRAFFIC SIGNAL AND INTERSECTION IMPROVEMENTS AT ROUTE 123 (BELMONT STREET)/LINWOOD STREET/LORRAINE AVENUE	5	CMAQ	\$ 1,424,858	\$ 1,139,886	\$ 284,972	HSIP/ CMAQ/ STP; YOE is \$3,683,052; 75 Percent Design; TEC Score is 8.1
	607337	Old Colony	Pembroke	PEMBROKE- INTERSECTION IMPROVEMENTS AND RELATED WORK AT WASHINGTON STREET (ROUTE 53) AND PLEASANT STREET	5	CMAQ	\$ 1,490,715	\$ 1,192,572	\$ 298,143	CMAQ; YOE is \$1,490,715; 25 Percent Design; TEC Score is 6.85

CMAQ Subtotal ► \$ 2,915,573 \$ 2,332,458 \$ 583,115 ◀ 80% Federal + 20% Non-Federal

► TAP - Transportation Alternatives Program

	604957	Old Colony	Pembroke	PEMBROKE- RECONSTRUCTION ON ROUTE 14, FROM THE HANSON T.L. TO WASHINGTON STREET (ROUTE 53) AC PHASE 2 OF 2	5	TAP	\$ 511,704	\$ 409,363	\$ 102,341	TAP/ STP; YOE is \$1,895,651; 100 Percent Design; TEC Score is 7
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TAP Subtotal ► \$ 511,704 \$ 409,363 \$ 102,341 ◀ 80% Federal + 20% Non-Federal

► Non-CMAQ/HSIP/TAP (Other)

	606036	Old Colony	Brockton	BROCKTON- TRAFFIC SIGNAL AND INTERSECTION IMPROVEMENTS AT ROUTE 123 (BELMONT STREET)/LINWOOD STREET/LORRAINE AVENUE	5	STP	\$ 1,802,240	\$ 1,441,792	\$ 360,448	HSIP/ CMAQ/ STP; YOE is \$3,683,052; 75 Percent Design; TEC Score is 8.1
	604957	Old Colony	Pembroke	PEMBROKE- RECONSTRUCTION ON ROUTE 14, FROM THE HANSON T.L. TO WASHINGTON STREET (ROUTE 53) AC PHASE 2 OF 2	5	STP	\$ 1,383,947	\$ 1,107,158	\$ 276,789	TAP/ STP; YOE is \$1,895,651; 100 Percent Design; TEC Score is 7

Non-CMAQ/HSIP/TAP (Other) Subtotal ► \$ 3,186,187 \$ 2,548,950 \$ 637,237 ◀ 80% Federal + 20% Non-Federal

► Section 1A / Fiscal Constraint Analysis

Total Federal Aid Target Funds Programmed ►	\$ 7,069,418	\$ 7,959,824	◀ Total Target	\$ 890,406	Target Funds Available
Total Non-CMAQ/HSIP/TAP (Other) Programmed ►	\$ 3,186,187	\$ 5,567,308	◀ Max. Non-CMAQ/HSIP/TAP	\$ 890,406	Non-CMAQ/HSIP/TAP (Other) /
Total HSIP Programmed ►	\$ 455,954	\$ 455,954	◀ Min. HSIP	\$ -	HSIP Minimum Met
Total CMAQ Programmed ►	\$ 2,915,573	\$ 1,424,858	◀ Min. CMAQ	\$ (1,490,715)	CMAQ Minimum Met
Total TAP Programmed ►	\$ 511,704	\$ 511,704	◀ Min. TAP	\$ -	TAP Minimum Met
HSIP, CMAQ, TAP Overprogrammed	\$ -	\$ (1,490,715)			

► Section 1B / Federal Aid Bridge Projects

► Statewide Bridge Maintenance Program

			No Projects Programmed	\$ -	\$ -	\$ -
			Statewide Bridge Maintenance Program Subtotal	\$ -	\$ -	\$ -

Statewide Bridge Maintenance Program Subtotal ► \$ - \$ - \$ - ◀ 80% Federal + 20% Non-Federal



▶ On System				No Projects Programmed			\$ -	\$ -	\$ -	
							\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal
							\$ -	\$ -	\$ -	
▶ Off-System				No Projects Programmed			\$ -	\$ -	\$ -	
							\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal
							\$ -	\$ -	\$ -	
▶ Statewide Bridge Inspection Program				No Projects Programmed			\$ -	\$ -	\$ -	
							\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal
							\$ -	\$ -	\$ -	
<b>▶ Section 1C / Federal Aid Non-Target Projects</b>										
<b>▶ Other Federal Aid</b>										
				No Projects Programmed			\$ -	\$ -	\$ -	
							\$ -	\$ -	\$ -	◀ Funding Split Varies by Funding Source
<b>▶ Section 1D / Federal Aid Major &amp; State Category Projects</b>										
<b>▶ Statewide Infrastructure Program</b>										
				No Projects Programmed			\$ -	\$ -	\$ -	
							\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal
							\$ -	\$ -	\$ -	
<b>▶ Statewide HSIP Program</b>										
				No Projects Programmed			\$ -	\$ -	\$ -	
							\$ -	\$ -	\$ -	◀ 90% Federal + 10% Non-Federal
							\$ -	\$ -	\$ -	
<b>▶ Statewide Safe Routes to Schools Program</b>										
				No Projects Programmed			\$ -	\$ -	\$ -	Funding Split Varies by Funding Source
							\$ -	\$ -	\$ -	◀ Funding Split Varies by Funding Source
							\$ -	\$ -	\$ -	
<b>▶ Statewide CMAQ</b>										
				No Projects Programmed			\$ -	\$ -	\$ -	
							\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal
							\$ -	\$ -	\$ -	
<b>▶ Statewide Transportation Enhancements</b>										
				No Projects Programmed			\$ -	\$ -	\$ -	
							\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal
							\$ -	\$ -	\$ -	
<b>▶ Statewide ITS</b>										
				No Projects Programmed			\$ -	\$ -	\$ -	
							\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal
							\$ -	\$ -	\$ -	
<b>▶ Statewide Interstate Maintenance Program</b>										
				No Projects Programmed			\$ -	\$ -	\$ -	
							\$ -	\$ -	\$ -	◀ 90% Federal + 10% Non-Federal
							\$ -	\$ -	\$ -	
<b>▶ Statewide NHS Preservation Program+</b>										
	607175	Old Colony	Multiple	KINGSTON-PLYMOUTH-RESURFACING & RELATED WORK ON ROUTE 3	5	NHPP	\$ 11,331,965			
							\$ 11,331,965	\$ 9,065,572	\$ 2,266,393	◀ 80% Federal + 20% Non-Federal
							\$ -	\$ 9,065,572.0	\$ 2,266,393.0	
							\$ -	\$ -	\$ -	
<b>▶ Statewide RR Grade Crossings</b>										
				No Projects Programmed			\$ -	\$ -	\$ -	
							\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal
							\$ -	\$ -	\$ -	
<b>▶ Statewide Stormwater Retrofits</b>										
				No Projects Programmed			\$ -	\$ -	\$ -	
							\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal
							\$ -	\$ -	\$ -	
<b>▶ Statewide ADA Implementation Plan</b>										
				No Projects Programmed			\$ -	\$ -	\$ -	
							\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal
							\$ -	\$ -	\$ -	
<b>▶ Other Statewide Items</b>										
				ABP GANS Repayment			\$ -	\$ -	\$ -	
				Award Adjustments, Change Orders, Project Value Changes, Etc.			\$ -	\$ -	\$ -	
				DBEs, FAPO, Pavement Lab Retrofits, and Misc. Programs			\$ -	\$ -	\$ -	
				Planning			\$ -	\$ -	\$ -	
				Statewide Design and Right of Way			\$ -	\$ -	\$ -	
				Statewide Recreational Trails			\$ -	\$ -	\$ -	
							\$ -	\$ -	\$ -	◀ Funding Split Varies by Funding Source

**▶ Section 2A / Non-Federal Projects**

-  
-  
-

► Non Federal Aid

		No Projects Programmed	NFA	\$ -	\$ -	
				Non-Federal Aid Subtotal ▶		◀100% Non-Federal
				\$ -	\$ -	

► Section 2B / Non-Federal Bridge Projects

► Section 2B / Non-Federal Bridge Projects

		No Projects Programmed	NFA	\$ -	\$ -	
				Section 2B / Non-Federal Bridge Projects Subtotal ▶		◀100% Non-Federal
				\$ -	\$ -	

**2016** Old Colony TIP Summary

TIP Section 1: ▼ TIP Section 2: ▼

Total of All Projects ▼

Total ▶	\$ 18,401,383	\$ -	\$ 18,401,383	◀ Total Spending in Region
Federal Funds ▶	\$ 14,766,702	\$ -	\$ 14,766,702	◀ Total Federal Spending in Region
Non-Federal Funds ▶	\$ 3,634,681	\$ -	\$ 3,634,681	◀ Total Non-Federal Spending in Region

701 CMR 7.00 Use of Road Flaggers and Police Details on Public Works Projects / 701 CMR 7.00 (the Regulation) was promulgated and became law on October 3, 2008. Under this Regulation, the CMR is applicable to any Public works Project that is performed within the limits of, or that impact traffic on, any Public Road. The Municipal Limitation referenced in this Regulation is applicable only to projects where the Municipality is the Awarding Authority. For all projects contained in the TIP, the Commonwealth is the Awarding Authority. Therefore, all projects must be considered and implemented in accordance with 701 CMR 7.00, and the Road Flagger and Police Detail Guidelines. By placing a project on the TIP, the Municipality acknowledges that 701 CMR 7.00 is applicable to its project and design and construction will be fully compliant with this Regulation. This information, and additional information relative to guidance and implementation of the Regulation can be found at the following link on the MassDOT Highway Division website: <http://www.massdot.state.ma.us/Highway/flaggers/main.aspx>

**2017** Old Colony Transportation Improvement Program

05/20/2014 Draft Released  
06/24/2014 Endorsed

Amendment/Adjustment Type ▼	MassDOT Project ID ▼	MPO ▼	Municipality Name ▼	MassDOT Project Description ▼	MassDOT District ▼	Funding Source ▼	Total Programmed Funds ▼	Federal Funds ▼	Non-Federal Funds ▼	Additional Information ▼	
<b>► Section 1A / Federal Aid Target Projects</b>											
<b>► HSIP - Highway Safety Improvement Program</b>											
				No Projects Programmed			\$ -	\$ -	\$ -		
							HSIP Subtotal ▶	\$ -	\$ -	\$ -	◀ 90% Federal + 10% Non-Federal
<b>► CMAQ - Congestion Mitigation and Air Quality Improvement Program</b>											
	606264	Old Colony	Plymouth	PLYMOUTH-IMPROVEMENTS ON OBERY STREET, FROM SOUTH STREET TO A.A. CARANCI WAY/PLYMOUTH NORTH H.S. DRIVE INTERSECTION	5	CMAQ	\$ 1,424,858	\$ 1,139,886	\$ 284,972	CMAQ/ TAP/ STP; YOE is \$5,184,000; 75 Percent Design; TEC Score is 7.97	
							CMAQ Subtotal ▶	\$ 1,424,858	\$ 1,139,886	\$ 284,972	◀ 80% Federal + 20% Non-Federal
<b>► TAP - Transportation Alternatives Program</b>											
	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	\$ 332,483	\$ 265,986	\$ 66,497	CMAQ/ TAP/ STP; YOE is \$5,184,000; 75 Percent Design; TEC Score is 7.97	
							TAP Subtotal ▶	\$ 332,483	\$ 265,986	\$ 66,497	◀ 80% Federal + 20% Non-Federal
<b>► Non-CMAQ/HSIP/TAP (Other)</b>											
	606264	Old Colony	Plymouth	PLYMOUTH-IMPROVEMENTS ON OBERY STREET, FROM SOUTH STREET TO A.A. CARANCI WAY/PLYMOUTH NORTH H.S. DRIVE INTERSECTION	5	STP	\$ 3,426,659	\$ 2,741,327	\$ 685,332	CMAQ/ TAP/ STP; YOE is \$5,184,000; 75 Percent Design; TEC Score is 7.97	
							Non-CMAQ/HSIP/TAP (Other) Subtotal ▶	\$ 3,426,659	\$ 2,741,327	\$ 685,332	◀ 80% Federal + 20% Non-Federal
<b>► Section 1A / Fiscal Constraint Analysis</b>											
<b>Total Federal Aid Target Funds Programmed ▶</b>							\$ 5,184,000	\$ 7,959,824	◀ <b>Total Target</b>	\$ 2,775,824	<b>Target Funds Available</b>
<b>Total Non-CMAQ/HSIP/TAP (Other) Programmed ▶</b>							\$ 3,426,659	\$ 5,746,529	◀ <b>Max. Non-CMAQ/HSIP/TAP</b>	\$ 2,319,870	Non-CMAQ/HSIP/TAP (Other) /
<b>Total HSIP Programmed ▶</b>							\$ -	\$ 455,954	◀ <b>Min. HSIP</b>	\$ 455,954	HSIP Minimum Not Met
<b>Total CMAQ Programmed ▶</b>							\$ 1,424,858	\$ 1,424,858	◀ <b>Min. CMAQ</b>	\$ -	CMAQ Minimum Met
<b>Total TAP Programmed ▶</b>							\$ 332,483	\$ 332,483	◀ <b>Min. TAP</b>	\$ -	TAP Minimum Met
<b>Remaining HSIP, CMAQ, and TAP Funds \$</b>								\$ 455,954			
<b>► Section 1B / Federal Aid Bridge Projects</b>											
<b>► Statewide Bridge Maintenance Program</b>											
				No Projects Programmed			\$ -	\$ -	\$ -		
							Statewide Bridge Maintenance Program Subtotal ▶	\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal
<b>► On System</b>											
				No Projects Programmed			\$ -	\$ -	\$ -		
							On System Subtotal ▶	\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal
<b>► Off-System</b>											
				No Projects Programmed			\$ -	\$ -	\$ -		
							Off-System Subtotal ▶	\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal
<b>► Statewide Bridge Inspection Program</b>											
				No Projects Programmed			\$ -	\$ -	\$ -		
				No Projects Programmed			\$ -	\$ -	\$ -		
							Statewide Bridge Inspection Program Subtotal ▶	\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal
<b>► Section 1C / Federal Aid Non-Target Projects</b>											
<b>► Other Federal Aid</b>											
				No Projects Programmed			\$ -	\$ -	\$ -		
							Other Federal Aid Subtotal ▶	\$ -	\$ -	\$ -	◀ Funding Split Varies by Funding Source
<b>► Section 1D / Federal Aid Major &amp; State Category Projects</b>											

▶ Statewide Infrastructure Program				No Projects Programmed		\$ -	\$ -	\$ -	
Statewide Infrastructure Program Subtotal ▶						\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal
▶ Statewide HSIP Program									
	607916	Multiple	Multiple	ROUTE 24 SIGN UPGRADE RANDOLPH - FALL RIVER	5	HSIP	\$ 5,500,000	\$ 4,950,000	\$ 550,000
Statewide HSIP Program Subtotal ▶						\$ 5,500,000	\$ 4,950,000	\$ 550,000	◀ 90% Federal + 10% Non-Federal
▶ Statewide Safe Routes to Schools Program				No Projects Programmed		\$ -	\$ -	\$ -	Funding Split Varies by Funding Source
Statewide Safe Routes to Schools Program Subtotal ▶						\$ -	\$ -	\$ -	◀ Funding Split Varies by Funding Source
▶ Statewide CMAQ				No Projects Programmed		\$ -	\$ -	\$ -	
Statewide CMAQ ▶						\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal
▶ Statewide Transportation Enhancements				No Projects Programmed		\$ -	\$ -	\$ -	
Statewide Transportation Enhancements Subtotal ▶						\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal
▶ Statewide ITS				No Projects Programmed		\$ -	\$ -	\$ -	
Statewide ITS Subtotal ▶						\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal
▶ Statewide Interstate Maintenance Program				No Projects Programmed		\$ -	\$ -	\$ -	
Statewide Interstate Maintenance Program Subtotal ▶						\$ -	\$ -	\$ -	◀ 90% Federal + 10% Non-Federal
▶ Statewide NHS Preservation Program+				No Projects Programmed		\$ -	\$ -	\$ -	
Statewide NHS Preservation Program Subtotal ▶						\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal
▶ Statewide RR Grade Crossings				No Projects Programmed		\$ -	\$ -	\$ -	
Statewide RR Grade Crossings Subtotal ▶						\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal
▶ Statewide Stormwater Retrofits				No Projects Programmed		\$ -	\$ -	\$ -	
Statewide Stormwater Retrofits Subtotal ▶						\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal
▶ Statewide ADA Implementation Plan				No Projects Programmed		\$ -	\$ -	\$ -	
Statewide ADA Implementation Plan Subtotal ▶						\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal
▶ Other Statewide Items									
				ABP GANS Repayment			\$ -	\$ -	
				Award Adjustments, Change Orders, Project Value Changes, Etc.			\$ -	\$ -	
				DBEs, FAPO, Pavement Lab Retrofits, and Misc. Programs			\$ -	\$ -	
				Planning			\$ -	\$ -	
				Statewide Design and Right of Way			\$ -	\$ -	
				Statewide Recreational Trails			\$ -	\$ -	
Other Statewide Items Subtotal ▶						\$ -	\$ -	\$ -	◀ Funding Split Varies by Funding Source
▶ Section 2A / Non-Federal Projects									
▶ Non Federal Aid				No Projects Programmed		NFA	\$ -	\$ -	\$ -
Non-Federal Aid Subtotal ▶						\$ -	\$ -	\$ -	◀ 100% Non-Federal
▶ Section 2B / Non-Federal Bridge Projects									
▶ Section 2B / Non-Federal Bridge Projects				No Projects Programmed		NFA	\$ -	\$ -	\$ -
Section 2B / Non-Federal Bridge Projects Subtotal ▶						\$ -	\$ -	\$ -	◀ 100% Non-Federal

**2017** Old Colony TIP Summary

	TIP Section 1: ▼	TIP Section 2: ▼	Total of All Projects ▼	
Total ▶	\$ 10,684,000	\$ -	\$ 10,684,000	◀ Total Spending in Region
Federal Funds ▶	\$ 9,097,200	\$ -	\$ 9,097,200	◀ Total Federal Spending in Region
Non-Federal Funds ▶	\$ 1,586,800	\$ -	\$ 1,586,800	◀ Total Non-Federal Spending in Region

701 CMR 7.00 Use of Road Flaggers and Police Details on Public Works Projects / 701 CMR 7.00 (the Regulation) was promulgated and became law on October 3, 2008. Under this Regulation, the CMR is applicable to any Public works Project that is performed within the limits of, or that impact traffic on, any Public Road. The Municipal Limitation referenced in this Regulation is applicable only to projects where the Municipality is the Awarding Authority. For all projects contained in the TIP, the Commonwealth is the Awarding Authority. Therefore, all projects must be considered and implemented in accordance with 701 CMR 7.00, and the Road Flagger and Police Detail Guidelines. By placing a project on the TIP, the Municipality acknowledges that 701 CMR 7.00 is applicable to its project and design and construction will be fully compliant with this Regulation. This information, and additional information relative to guidance and implementation of the Regulation can be found at the following link on the MassDOT Highway Division website: <http://www.massdot.state.ma.us/Highway/flaggers/main.aspx>

# 2018 Old Colony Transportation Improvement Program

05/20/2014 Draft Released  
06/24/2014 Endorsed

Amendment/Adjustment Type ▼	MassDOT Project ID ▼	MPO ▼	Municipality Name ▼	MassDOT Project Description ▼	MassDOT District ▼	Funding Source ▼	Total Programmed Funds ▼	Federal Funds ▼	Non-Federal Funds ▼	Additional Information ▼	
<b>► Section 1A / Federal Aid Target Projects</b>											
<b>► HSIP - Highway Safety Improvement Program</b>											
				No Projects Programmed			\$ -	\$ -	\$ -		
							HSIP Subtotal ▶	\$ -	\$ -	\$ -	◀ 90% Federal + 10% Non-Federal
<b>► CMAQ - Congestion Mitigation and Air Quality Improvement Program</b>											
	607438	Old Colony	Easton	EASTON-INTERSECTION IMPROVEMENTS AT WASHINGTON STREET (ROUTE 138) AND UNION STREET	5	CMAQ	\$ 1,680,000	\$ 1,344,000	\$ 336,000	CMAQ; YOE is \$1,680,000; Pre-25 Percent Design; TEC Score is 7.85	
							CMAQ Subtotal ▶	\$ 1,680,000	\$ 1,344,000	\$ 336,000	◀ 80% Federal + 20% Non-Federal
<b>► TAP - Transportation Alternatives Program</b>											
	605038	Old Colony	Plymouth	PLYMOUTH-RECONSTRUCTION OF TAYLOR AVENUE, FROM WHITE HORSE ROAD TO MANOMET POINT ROAD, INCLUDES P-13-010	5	TAP	\$ 332,483	\$ 265,986	\$ 66,497	TAP/ STP: YOE is \$5,718,720; 75 Percent Design; TEC Score is 8	
							TAP Subtotal ▶	\$ 332,483	\$ 265,986	\$ 66,497	◀ 80% Federal + 20% Non-Federal
<b>► Non-CMAQ/HSIP/TAP (Other)</b>											
	605038	Old Colony	Plymouth	PLYMOUTH-RECONSTRUCTION OF TAYLOR AVENUE, FROM WHITE HORSE ROAD TO MANOMET POINT ROAD, INCLUDES P-13-010	5	STP	\$ 5,386,237	\$ 4,308,990	\$ 1,077,247	TAP/ STP: YOE is \$5,718,720; 75 Percent Design; TEC Score is 8	
							Non-CMAQ/HSIP/TAP (Other) Subtotal ▶	\$ 5,386,237	\$ 4,308,990	\$ 1,077,247	◀ 80% Federal + 20% Non-Federal
<b>► Section 1A / Fiscal Constraint Analysis</b>											
<b>Total Federal Aid Target Funds Programmed ▶</b>							\$ 7,398,720	\$ 7,959,824	◀ Total Target	\$ 561,104	Target Funds Available
<b>Total Non-CMAQ/HSIP/TAP (Other) Programmed ▶</b>							\$ 5,386,237	\$ 5,746,529	◀ Max. Non-CMAQ/HSIP/TAP	\$ 360,292	Non-CMAQ/HSIP/TAP (Other) /
<b>Total HSIP Programmed ▶</b>							\$ -	\$ 455,954	◀ Min. HSIP	\$ 455,954	HSIP Minimum Not Met
<b>Total CMAQ Programmed ▶</b>							\$ 1,680,000	\$ 1,424,858	◀ Min. CMAQ	\$ (255,142)	CMAQ Minimum Met
<b>Total TAP Programmed ▶</b>							\$ 332,483	\$ 332,483	◀ Min. TAP	\$ -	TAP Minimum Met
<b>Remaining HSIP, CMAQ, and TAP Funds \$</b>									200,812		
<b>► Section 1B / Federal Aid Bridge Projects</b>											
<b>► Statewide Bridge Maintenance Program</b>											
				No Projects Programmed			\$ -	\$ -	\$ -		
							Statewide Bridge Maintenance Program Subtotal ▶	\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal
<b>► On System</b>											
				No Projects Programmed			\$ -	\$ -	\$ -		
							On System Subtotal ▶	\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal
<b>► Off-System</b>											
				No Projects Programmed			\$ -	\$ -	\$ -		
							Off-System Subtotal ▶	\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal
<b>► Statewide Bridge Inspection Program</b>											
				No Projects Programmed			\$ -	\$ -	\$ -		
							Statewide Bridge Inspection Program Subtotal ▶	\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal
<b>► Section 1C / Federal Aid Non-Target Projects</b>											
<b>► Other Federal Aid</b>											
				No Projects Programmed			\$ -	\$ -	\$ -		
							Other Federal Aid Subtotal ▶	\$ -	\$ -	\$ -	◀ Funding Split Varies by Funding Source
<b>► Section 1D / Federal Aid Major &amp; State Category Projects</b>											
<b>► Statewide Infrastructure Program</b>											
				No Projects Programmed			\$ -	\$ -	\$ -		
							Statewide Infrastructure Program Subtotal ▶	\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal
<b>► Statewide HSIP Program</b>											
				No Projects Programmed			\$ -	\$ -	\$ -		
							Statewide HSIP Program Subtotal ▶	\$ -	\$ -	\$ -	◀ 90% Federal + 10% Non-Federal
<b>► Statewide Safe Routes to Schools Program</b>											



**Transportation Improvement Program (TIP)**

05/20/2014 Draft Released

**Project List (FY2015)**

06/24/2014 Endorsed

FTA Program	Transit Agency	FTA Activity Line Item	Project Description	Carryover or Earmark Detail	Federal Funds	RTACAP	MAP	ITCCAP	TDC	SCA	LocalFunds	Total Cost
<b>5307</b>												
	5307 Brockton Area Transit Authority (BAT)	114220	ACQUIRE - MISC SUPPORT EQUIPMENT		\$80,000	\$20,000	\$0	\$0	\$0	\$0	\$0	\$100,000
	5307 Brockton Area Transit Authority (BAT)	300900	Operating/PM/ADA REHAB/RENOVATE BUS SUPPORT FACIL/EQUIP		\$2,400,000	\$0	\$0	\$0	\$0	\$2,400,000	\$0	\$4,800,000
	5307 Brockton Area Transit Authority (BAT)	114400	ACQUIRE - EXCLUSIVE BICYCLE EQUIP REHAB/RENOVATE - MOBILE SURVEILL/SECURITY EQUIP		\$52,000	\$13,000	\$0	\$0	\$0	\$0	\$0	\$65,000
	5307 Brockton Area Transit Authority (BAT)	114241	ACQUIRE - EXCLUSIVE BICYCLE EQUIP REHAB/RENOVATE - MOBILE SURVEILL/SECURITY EQUIP		\$52,000	\$13,000	\$0	\$0	\$0	\$0	\$0	\$65,000
	5307 Brockton Area Transit Authority (BAT)	114409	VEH OVERHAUL (UP TO 20% VEH MAINT)		\$16,000	\$4,000	\$0	\$0	\$0	\$0	\$0	\$20,000
	5307 Brockton Area Transit Authority (BAT)	111700	ACQUIRE - SUPPORT VEHICLE (1)		\$472,000	\$118,000	\$0	\$0	\$0	\$0	\$0	\$590,000
	5307 Brockton Area Transit Authority (BAT)	114211	BUY ASSOC CAP MAINT ITEMS		\$46,400	\$11,600	\$0	\$0	\$0	\$0	\$0	\$58,000
	5307 Brockton Area Transit Authority (BAT)	111240			\$120,000	\$30,000	\$0	\$0	\$0	\$0	\$0	\$150,000
			<b>Subtotal</b>		\$3,238,400	\$209,600	\$0	\$0	\$0	\$2,400,000	\$0	\$5,848,000
<b>5309</b>												
			<b>Subtotal</b>		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>5310</b>												
			<b>Subtotal</b>		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>5311</b>												
			<b>Subtotal</b>		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>5337</b>												
			<b>Subtotal</b>		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>5339</b>												
			<b>Subtotal</b>		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>Other Federal</b>												
			<b>Subtotal</b>		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>Other Non-Federal</b>												
Other Non-Federal	Brockton Area Transit Authority (BAT)	111204	BUY REPLACEMENT <30 FT BUS (7)		\$0	\$0	\$0	\$0	\$0	\$0	\$455,000	\$455,000
Other Non-Federal	Brockton Area Transit Authority (BAT)	111215	BUY REPLACEMENT VAN COA (3)		\$0	\$0	\$0	\$0	\$0	\$0	\$180,000	\$180,000
			<b>Subtotal</b>		\$0	\$0	\$0	\$0	\$0	\$0	\$635,000	\$635,000
			<b>FFY 2015 Total</b>		\$3,238,400	\$209,600	\$0	\$0	\$0	\$2,400,000	\$635,000	\$6,483,000



**Transportation Improvement Program (TIP)  
Project List (FY2016)**

05/20/2014 Draft Released

06/24/2014 Endorsed

FTA Program	Transit Agency	FTA Activity Line Item	Project Description	Carryover or Earmark Detail	Federal Funds	RTACAP	MAP	ITCCAP	TDC	SCA	LocalFunds	Total Cost
<b>5307</b>												
5307	Brockton Area Transit Authority (BAT)	111304	BUY <30-FT BUS FOR EXPANSION (1)	2013	\$52,000	\$13,000	\$0	\$0	\$0	\$0	\$0	\$65,000
5307	Brockton Area Transit Authority (BAT)	114402	REHAB/RENOVATE - MAINTENANCE FACILITY	2013	\$103,200	\$25,800	\$0	\$0	\$0	\$0	\$0	\$129,000
5307	Brockton Area Transit Authority (BAT)	116400	REHAB/RENOV-COMMUNICATIONS EQ	2015	\$20,000	\$5,000	\$0	\$0	\$0	\$0	\$0	\$25,000
5307	Brockton Area Transit Authority (BAT)	114220	ACQUIRE - MISC SUPPORT EQUIPMENT	2015	\$120,000	\$30,000	\$0	\$0	\$0	\$0	\$0	\$150,000
5307	Brockton Area Transit Authority (BAT)	111700	VEH OVERHAUL (UP TO 20% VEH MAINT)	2015	\$448,000	\$112,000	\$0	\$0	\$0	\$0	\$0	\$560,000
5307	Brockton Area Transit Authority (BAT)	114211	ACQUIRE - SUPPORT VEHICLES (2)		\$52,000	\$13,000	\$0	\$0	\$0	\$0	\$0	\$65,000
5307	Brockton Area Transit Authority (BAT)	111240	BUY ASSOC CAP MAINT ITEMS		\$140,000	\$35,000	\$0	\$0	\$0	\$0	\$0	\$175,000
5307	Brockton Area Transit Authority (BAT)	300900	Operating/PM/ADA	2014, 2015	\$2,500,000	\$0	\$0	\$0	\$0	\$2,500,000	\$0	\$5,000,000
5307	Brockton Area Transit Authority (BAT)	111201	BUY REPLACEMENT 40-FT BUS (1)	2014	\$244,771	\$61,193	\$0	\$0	\$0	\$0	\$114,036	\$420,000
<b>Subtotal</b>					<b>\$3,679,971</b>	<b>\$294,993</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$2,500,000</b>	<b>\$114,036</b>	<b>\$6,589,000</b>
<b>5309</b>												
<b>Subtotal</b>					<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
<b>5310</b>												
<b>Subtotal</b>					<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
<b>5311</b>												
<b>Subtotal</b>					<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
<b>5337</b>												
<b>Subtotal</b>					<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
<b>5339</b>												
<b>Subtotal</b>					<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
<b>Other Federal</b>												
<b>Subtotal</b>					<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
<b>Other Non-Federal</b>												
Other Non-Federal	Brockton Area Transit Authority (BAT)	300900	Operating: Easton		\$0	\$0	\$0	\$0	\$0	\$15,000	\$15,000	\$30,000
Other Non-Federal	Brockton Area Transit Authority (BAT)	111204	BUY REPLACEMENT <30 FT BUS (7)		\$0	\$0	\$0	\$0	\$0	\$0	\$470,000	\$470,000
Other Non-Federal	Brockton Area Transit Authority (BAT)	111215	BUY REPLACEMENT VAN COA (3)		\$0	\$0	\$0	\$0	\$0	\$0	\$185,000	\$185,000
Other Non-Federal	Brockton Area Transit Authority (BAT)	300900	Operating: Sunday Service		\$0	\$0	\$0	\$0	\$0	\$400,000	\$400,000	\$800,000
Other Non-Federal	Brockton Area Transit Authority (BAT)	300900	Operating: Rockland		\$0	\$0	\$0	\$0	\$0	\$110,000	\$110,000	\$220,000
<b>Subtotal</b>					<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$525,000</b>	<b>\$1,180,000</b>	<b>\$1,705,000</b>
<b>FFY 2016 Total</b>					<b>\$3,679,971</b>	<b>\$294,993</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$3,025,000</b>	<b>\$1,294,036</b>	<b>\$8,294,000</b>
<b>Cumulative Total (FFYs 2015, 2016)</b>					<b>\$6,918,371</b>	<b>\$504,593</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$5,425,000</b>	<b>\$1,929,036</b>	<b>\$14,777,000</b>

**Transportation Improvement Program (TIP)  
Project List (FY2017)**

05/20/2014 Draft Released

06/24/2014 Endorsed

FTA Program	Transit Agency	FTA Activity Line Item	Project Description	Carryover or Earmark Detail	Federal Funds	RTACAP	MAP	ITCCAP	TDC	SCA	LocalFunds	Total Cost
<b>5307</b>												
5307	Brockton Area Transit Authority (BAT)	113420	REHAB/RENOVATE - MISC BUS STATION EQUIPMENT	2016	\$107,200	\$26,800	\$0	\$0	\$0	\$0	\$0	\$134,000
5307	Brockton Area Transit Authority (BAT)	114406	REHAB/RENOVATE - SHOP EQUIPMENT	2015	\$288,000	\$36,000	\$0	\$0	\$0	\$0	\$0	\$180,000
5307	Brockton Area Transit Authority (BAT)	114409	REHAB/RENOVATE - MOBILE SURVEILL/SECURITY EQUIP	2016	\$80,000	\$20,000	\$0	\$0	\$0	\$0	\$0	\$100,000
5307	Brockton Area Transit Authority (BAT)	111304	BUY <30-FT BUS FOR EXPANSION (1)	2016	\$52,000	\$13,000	\$0	\$0	\$0	\$0	\$0	\$65,000
5307	Brockton Area Transit Authority (BAT)	111240	BUY ASSOC CAP MAINT ITEMS	2016	\$140,000	\$35,000	\$0	\$0	\$0	\$0	\$0	\$175,000
5307	Brockton Area Transit Authority (BAT)	114220	ACQUIRE - MISC SUPPORT EQUIPMENT	2016	\$60,000	\$15,000	\$0	\$0	\$0	\$0	\$0	\$75,000
5307	Brockton Area Transit Authority (BAT)	114410	REHAB/RENOVATE - MOBILE FARE COLL EQUIP	2016	\$400,000	\$100,000	\$0	\$0	\$0	\$0	\$0	\$500,000
5307	Brockton Area Transit Authority (BAT)	300900	Operating/PM/ADA	2015, 2016	\$2,550,000	\$0	\$0	\$0	\$0	\$2,550,000	\$0	\$5,100,000
5307	Brockton Area Transit Authority (BAT)	119202	PURCHASE BUS SHELTERS	2016	\$32,000	\$8,000	\$0	\$0	\$0	\$0	\$0	\$40,000
5307	Brockton Area Transit Authority (BAT)	114211	ACQUIRE - SUPPORT VEHICLES (2)	2016	\$60,000	\$15,000	\$0	\$0	\$0	\$0	\$0	\$75,000
<b>Subtotal</b>					<b>\$3,769,200</b>	<b>\$268,800</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$2,550,000</b>	<b>\$0</b>	<b>\$6,444,000</b>
<b>5309</b>												
<b>Subtotal</b>					<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
<b>5310</b>												
<b>Subtotal</b>					<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
<b>5311</b>												
<b>Subtotal</b>					<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
<b>5337</b>												
<b>Subtotal</b>					<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
<b>5339</b>												
<b>Subtotal</b>					<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
<b>Other Federal</b>												
<b>Subtotal</b>					<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
<b>Other Non-Federal</b>												
Other Non-Federal	Brockton Area Transit Authority (BAT)	300900	Operating: Saturday Evening Service		\$0	\$0	\$0	\$0	\$0	\$75,000	\$75,000	\$150,000
Other Non-Federal	Brockton Area Transit Authority (BAT)	300900	Operating: Avon/Stoughton		\$0	\$0	\$0	\$0	\$0	\$42,000	\$42,000	\$84,000
Other Non-Federal	Brockton Area Transit Authority (BAT)	113320	CONSTRUCT - MISC BUS STATION EQUIPMENT		\$0	\$120,000	\$0	\$0	\$0	\$0	\$480,000	\$600,000
Other Non-Federal	Brockton Area Transit Authority (BAT)	111202	BUY REPLACEMENT 35-FT BUS (9-11)		\$0	\$800,000	\$0	\$0	\$0	\$0	\$3,200,000	\$4,000,000
Other Non-Federal	Brockton Area Transit Authority (BAT)	111207	BUY REPLACEMENT COMMUTER BUS (3)		\$0	\$0	\$0	\$0	\$0	\$0	\$1,800,000	\$1,800,000
Other Non-Federal	Brockton Area Transit Authority (BAT)	111204	BUY REPLACEMENT <30 FT BUS (7)		\$0	\$0	\$0	\$0	\$0	\$0	\$485,000	\$485,000
Other Non-Federal	Brockton Area Transit Authority (BAT)	111215	BUY REPLACEMENT VAN COA (3)		\$0	\$0	\$0	\$0	\$0	\$0	\$190,000	\$190,000
<b>Subtotal</b>					<b>\$0</b>	<b>\$920,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$117,000</b>	<b>\$6,272,000</b>	<b>\$7,309,000</b>
<b>FFY 2017 Total</b>					<b>\$3,769,200</b>	<b>\$1,188,800</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$2,667,000</b>	<b>\$6,272,000</b>	<b>\$13,753,000</b>
<b>Cumulative Total (FFYs 2015, 2016, 2017)</b>					<b>\$10,687,571</b>	<b>\$1,693,393</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$8,092,000</b>	<b>\$8,201,036</b>	<b>\$28,530,000</b>

**Transportation Improvement Program (TIP)**

05/20/2014 Draft Released

**Project List (FY2018)**

06/24/2014 Endorsed

FTA Program	Transit Agency	FTA Activity Line Item	Project Description	Carryover or Earmark Detail	Federal Funds	RTACAP	MAP	ITCCAP	TDC	SCA	LocalFunds	Total Cost
<b>5307</b>												
5307	Brockton Area Transit Authority (BAT)	114210	ACQUIRE - MOBILE FARE COLL EQUIP	2016	\$76,000	\$19,000	\$0	\$0	\$0	\$0	\$0	\$95,000
5307	Brockton Area Transit Authority (BAT)	116400	REHAB/RENOV-COMMUNICATIONS EQ	2016	\$20,000	\$5,000	\$0	\$0	\$0	\$0	\$0	\$25,000
5307	Brockton Area Transit Authority (BAT)	111240	BUY ASSOC CAP MAINT ITEMS	2017	\$140,000	\$35,000	\$0	\$0	\$0	\$0	\$0	\$175,000
5307	Brockton Area Transit Authority (BAT)	114211	ACQUIRE - SUPPORT VEHICLE (1)	2017	\$40,000	\$10,000	\$0	\$0	\$0	\$0	\$0	\$50,000
5307	Brockton Area Transit Authority (BAT)	114409	REHAB/RENOVATE - MOBILE SURVEILL/SECURITY EQUIP	2017	\$240,000	\$60,000	\$0	\$0	\$0	\$0	\$0	\$300,000
5307	Brockton Area Transit Authority (BAT)	300900	Operating/PM/ADA		\$2,750,000	\$0	\$0	\$0	\$0	\$0	\$2,750,000	\$5,500,000
5307	Brockton Area Transit Authority (BAT)	119202	PURCHASE BUS SHELTERS	2016	\$32,000	\$8,000	\$0	\$0	\$0	\$0	\$0	\$40,000
5307	Brockton Area Transit Authority (BAT)	114220	ACQUIRE - MISC SUPPORT EQUIPMENT	2017	\$120,000	\$30,000	\$0	\$0	\$0	\$0	\$0	\$150,000
<b>Subtotal</b>					\$3,418,000	\$167,000	\$0	\$0	\$0	\$0	\$2,750,000	\$6,335,000
<b>5309</b>												
<b>Subtotal</b>					\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>5310</b>												
<b>Subtotal</b>					\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>5311</b>												
<b>Subtotal</b>					\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>5337</b>												
<b>Subtotal</b>					\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>5339</b>												
<b>Subtotal</b>					\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>Other Federal</b>												
<b>Subtotal</b>					\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>Other Non-Federal</b>												
Other Non-Federal	Brockton Area Transit Authority (BAT)	111201	BUY REPLACEMENT 40-FT BUS (6-7)		\$0	\$540,000	\$0	\$0	\$0	\$0	\$2,160,000	\$2,700,000
Other Non-Federal	Brockton Area Transit Authority (BAT)	111202	BUY REPLACEMENT 35-FT BUS (9-11)		\$0	\$720,000	\$0	\$0	\$0	\$0	\$2,880,000	\$3,600,000
Other Non-Federal	Brockton Area Transit Authority (BAT)	111204	BUY REPLACEMENT <30 FT BUS (7)		\$0	\$0	\$0	\$0	\$0	\$0	\$515,000	\$515,000
Other Non-Federal	Brockton Area Transit Authority (BAT)	111215	BUY REPLACEMENT VAN COA (3)		\$0	\$0	\$0	\$0	\$0	\$0	\$195,000	\$195,000
<b>Subtotal</b>					\$0	\$1,260,000	\$0	\$0	\$0	\$0	\$5,750,000	\$7,010,000
<b>FFY 2018 Total</b>					\$3,418,000	\$1,427,000	\$0	\$0	\$0	\$0	\$8,500,000	\$13,345,000
<b>Cumulative Total (FFYs 2015, 2016, 2017, 2018)</b>					\$14,105,571	\$3,120,393	\$0	\$0	\$0	\$8,092,000	\$16,701,036	\$41,875,000

**FFY 2015-2018 OLD COLONY TRANSPORTATION IMPROVEMENT PROGRAM (TIP)**

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**8. Annual Listing of Obligated Projects (FFY 2014 Advertisements)**

COMMUNITY	ID	ADVERTISED	DESCRIPTION	TOTAL COST	FEDERAL	STATE
BRIDGEWATER	603660	*	BRIDGEWATER - SIGNAL & INTERSECTION IMPROVEMENTS AT STATE ROUTE 18 & HIGH STREET	\$ 1,450,574	\$ 1,160,459	\$ 290,115
BROCKTON	601644	*	BROCKTON - RESURFACING & RELATED WORK ON WEST ELM STREET, FROM WARREN AVENUE TO WEST STREET (6,800 FT.)	\$ 5,239,949	\$ 4,715,954	\$ 523,995
EASTON	606071	*	EASTON - SIGNAL & INTERSECTION IMPROVEMENTS @ ROUTE 138 (TURNPIKE STREET) AND ROUTE 106 (FOUNDRY STREET)	\$ 1,802,193	\$ 1,621,974	\$ 180,219
			<b>Total Cost of Projects Advertisised:</b>	<b>\$ 8,492,716</b>	<b>\$ 7,498,387</b>	<b>\$ 994,329</b>

\* Projects anticipated to be advertised by October 1, 2014

- ✓ As of the endorsement of the FFY 2015-2018 TIP on June 24, 2014, all of the projects programmed in FFY 2014 of the FFY 2014-2017 TIP were either advertised for construction bids, or anticipated to be advertised by October 1, 2014.

## **9. Air Quality Conformity Documentation**

Since most of 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 FFY 2015-2018 Old Colony TIP is not required. Further details and background information are provided below:

### **Introduction**

The 1990 Clean Air Act Amendments (CAAA) require metropolitan planning organizations within nonattainment and maintenance areas to perform air quality conformity determinations prior to the approval of Long-Range Transportation Plans (LRTPs) and Transportation Improvement Programs (TIPs), and at such other times as required by regulation. A nonattainment area is one that the U.S. Environmental Protection Agency (EPA) has designated as not meeting certain air quality standards. A maintenance area is a nonattainment area that now meets the standards and has been re-designated as maintaining the standard. A conformity determination is a demonstration that plans, programs, and projects are consistent with the State Implementation Plan (SIP) for attaining the air quality standards. The CAAA requirement to perform a conformity determination ensures that federal approval and funding go to transportation activities that are consistent with air quality goals.

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, Plymouth, 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.

### **Legislative and Regulatory Background**

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.

## ***FFY 2015-2018 OLD COLONY TRANSPORTATION IMPROVEMENT PROGRAM (TIP)***

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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 Old Colony MPO is required until July 20, 2013 for only the 1997 ozone standard. Since this FFY 2015-2018 TIP will not complete its collective development, review, and approval by the Federal Highway Administration until after July 20, 2013, when this standard will be revoked, and since the latest area designations do not require conformity under the current 2008 standard, the Old Colony MPO does not need to perform a conformity determination for ozone on the program.

### ***Congestion Mitigation and Air Quality Improvement (CMAQ) Program***

The Congestion Mitigation and Air Quality Improvement (CMAQ) Program was created under the Intermodal Surface Transportation Efficiency Act (ISTEA) of 1991, continued under the Transportation Equity Act for the 21<sup>st</sup> Century (TEA-21), the Safe, Accountable, Flexible, Efficient Transportation Equity Act: A Legacy for Users (SAFETEA-LU), and the Moving Ahead for Progress in the 21<sup>st</sup> Century (MAP-21). The goals of the CMAQ program support: promoting operational and technological improvements, targeting major freight bottlenecks, and relieving urban congestion.

The purpose of the CMAQ program is to fund transportation projects or programs that will contribute to attainment or maintenance of the national ambient air quality standards (NAAQS) for ozone, carbon monoxide (CO), and particulate matter (PM). The main goal of the CMAQ program is to reduce emissions in nonattainment and maintenance areas and to mitigate congestion. Congestion relief can contribute to improvements in air quality by reducing travel delays, engine idle time, and unproductive fuel consumption.

Since congestion relief projects also reduce idling, the negative emissions effects of “stop and go” driving, and the number of vehicles on the road, they have a corollary benefit of improving air quality. Based on their emissions reductions, these types of projects, including investments in improved system pricing and operations, are eligible for CMAQ funding.

Eligible projects and programs include:

- Transportation Control Measures (TCMs)
- Traffic Flow Improvements
- Extreme Low-Temperature Cold Start Programs
- Alternate Fuels and Vehicles
- Congestion Reduction & Traffic Flow Improvements
- Transit Improvements
- Bicycle and Pedestrian Facilities and Programs
- Travel Demand Management
- Public Education and Outreach Activities
- Transportation Management Associations
- Carpooling and Vanpooling
- Freight/Intermodal
- Diesel Engine Retrofits & Other Advanced Truck Technologies
- Idle Reduction
- Training
- Inspection/Maintenance (I/M) Programs
- Experimental Pilot Programs

**FFY 2015-2018 OLD COLONY TRANSPORTATION IMPROVEMENT PROGRAM (TIP)**

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**10. FFY 2014 TIP Transit Project Status**

**Transit**

<b>Federal</b>				<b>Approval</b>		
<b>RTA</b>	<b>Section</b>	<b>Description</b>	<b>Federal Funds</b>	<b>Status</b>	<b>Grant #</b>	<b>Comments</b>
BAT	5307	Operating, ADA, PM	\$2,000,000	Approved	MA-90-X663	\$516,688 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	\$38,619 remaining
BAT	5307	VOH, Bus Washer, Support Vehicles, Capital Parts	\$1,044,400	Approved	MA-90-X662	\$185,539 remaining
BAT	5309	Maintenance and ITC Paving	\$675,000	Approved	MA-04-0075	\$60,123 remaining
<b>State</b>				<b>Approval</b>		
<b>RTA</b>	<b>Section</b>	<b>Description</b>	<b>State Funds</b>	<b>Status</b>	<b>Grant #</b>	<b>Comments</b>
BAT	MAP	Mobility Assistance	\$571,254	Approved	See State	



**Part D. SUPPLEMENTAL INFORMATION**

**1. *Transportation Evaluation Criteria***

# STATE PROJECT EVALUATION CRITERIA

## Highway-funded Preservation Projects

PROJECT TYPE				OTHER IMPACT CRITERIA		
	Condition	Usage	Cost Effectiveness	Community Effects and Support	Land Use and Economic Development	Environmental and Air Quality/ Climate Effects
<b>Roadway Maintenance</b>	Extent of light and moderate cracking (Main) <input type="checkbox"/>	Annual Average Daily Traffic (AADT) <input type="checkbox"/>	Cost per Unit Change in Condition	Residential effects: right-of-way, noise, aesthetics, other <input type="checkbox"/>	Business effects: right-of-way, access, noise, traffic, parking, freight access other <input type="checkbox"/>	Air Quality/Climate effects <input type="checkbox"/>
<b>Roadway Resurfacing</b>						
<b>Roadway Reconstruction</b>	Measure of skid resistance (Main/Resurf) <input type="checkbox"/>	Percentage of Trucks <input type="checkbox"/>	Cost per Linear Mile	Public, local government, legislative, and regional support <input type="checkbox"/>	Sustainable development effects <input type="checkbox"/>	Water quality/supply effects; wetlands effects <input type="checkbox"/>
	Measure of rideability (Resurf/Recon) <input type="checkbox"/>	NHS Status <input type="checkbox"/>		Effect on service to minority or low income neighborhoods <input type="checkbox"/>		
	Measure of surface condition (Resurf/Recon) <input type="checkbox"/>		Cost per AADT	Other Impact/benefit to minority or low income neighborhoods <input type="checkbox"/>	Consistent with regional land-use and economic development plans <input type="checkbox"/>	Historic and cultural resource effects <input type="checkbox"/>
	Pavement structural adequacy (Recon) <input type="checkbox"/>			Effect on development and redevelopment of housing stock <input type="checkbox"/>	Effect on job creation. <input type="checkbox"/>	
<b>Avg. Score (-3 to +3)</b> <input type="checkbox"/>		<b>Avg. Score (-3 to +3)</b> <input type="checkbox"/>		<b>Avg. Score (-3 to +3)</b> <input type="checkbox"/>	<b>Avg. Score (-3 to +3)</b> <input type="checkbox"/>	<b>Avg. Score (-3 to +3)</b> <input type="checkbox"/>
						<b>Total Score (-18 to +18)</b> <input type="checkbox"/>

# STATE PROJECT EVALUATION CRITERIA

## Highway-funded Other Enhancements (non-bike/ped) Projects

PROJECT TYPE	THRESHOLD TRANSPORTATION CRITERIA				OTHER IMPACT CRITERIA		
	Condition and Service Quality	Mobility	Safety and Security	Cost Effectiveness	Community Effects and Support	Land Use and Economic Development	Environmental and Air Quality/ Climate Effects
Other Enhancements (non-bike/ped)	The extent to which the project improves the transportation system <input type="checkbox"/>	Number of users <input type="checkbox"/>	Effect on user safety/ security <input type="checkbox"/>	Cost per user <input type="checkbox"/>	Residential effects: right-of-way, noise, aesthetics, other <input type="checkbox"/>	Business effects: right-of-way, access, noise, traffic, parking, freight access other <input type="checkbox"/>	Air Quality/Climate effects <input type="checkbox"/>
		The extent to which the project is coordinated with other projects <input type="checkbox"/>			Public, local government, legislative, and regional support <input type="checkbox"/>	Sustainable development effects <input type="checkbox"/>	Water quality/supply effects; wetlands effects <input type="checkbox"/>
		The extent to which the project provides other benefits <input type="checkbox"/>			Effect on service to minority or low income neighborhoods <input type="checkbox"/>		
					Other Impact/benefit to minority or low income neighborhoods <input type="checkbox"/>	Consistent with regional land-use and economic development plans <input type="checkbox"/>	Historic and cultural resource effects <input type="checkbox"/>
					Effect on development and redevelopment of housing stock <input type="checkbox"/>	Effect on job creation. <input type="checkbox"/>	
	<b>Avg. Score (-3 to +3)</b> <input type="checkbox"/>	<b>Avg. Score (-3 to +3)</b> <input type="checkbox"/>	<b>Avg. Score (-3 to +3)</b> <input type="checkbox"/>		<b>Avg. Score (-3 to +3)</b> <input type="checkbox"/>	<b>Avg. Score (-3 to +3)</b> <input type="checkbox"/>	<b>Avg. Score (-3 to +3)</b> <input type="checkbox"/>
							<b>Total Score (-18 to +18)</b> <input type="checkbox"/>

# STATE PROJECT EVALUATION CRITERIA

## Highway-funded Bicycle Pedestrian Enhancement Projects

PROJECT TYPE	THRESHOLD TRANSPORTATION CRITERIA				OTHER IMPACT CRITERIA		
	Condition and Service Quality	Mobility	Safety and Security	Cost Effectiveness	Community Effects and Support	Land Use and Economic Development	Environmental and Air Quality/ Climate Effects
Bicycle/ Pedestrian Facilities Enhancements	Magnitude of surface condition improvement <input type="checkbox"/>	Number of users <input type="checkbox"/>	Effect of Bicycle Comfort Index <input type="checkbox"/>	Cost per user <input type="checkbox"/>	Residential effects: right-of-way, noise, aesthetics, other <input type="checkbox"/>	Business effects: right-of-way, access, noise, traffic, parking, freight access other <input type="checkbox"/>	Air Quality/Climate effects <input type="checkbox"/>
	Magnitude of improvement of other infrastructure elements <input type="checkbox"/>	Effect on travel time/ access/ connectivity for existing users <input type="checkbox"/>	Effect on pedestrian safety <input type="checkbox"/>	Cost per linear mile <input type="checkbox"/>	Public, local government, legislative, and regional support <input type="checkbox"/>	Sustainable development effects <input type="checkbox"/>	Water quality/supply effects; wetlands effects <input type="checkbox"/>
		Consistent with State Bicycle and/ or Pedestrian Plans <input type="checkbox"/>			Effect on service to minority or low income neighborhoods <input type="checkbox"/>		
					Other Impact/benefit to minority or low income neighborhoods <input type="checkbox"/>	Consistent with regional land-use and economic development plans <input type="checkbox"/>	Historic and cultural resource effects <input type="checkbox"/>
					Effect on development and redevelopment of housing stock <input type="checkbox"/>	Effect on job creation. <input type="checkbox"/>	
	<b>Avg. Score (-3 to +3)</b> <input type="checkbox"/>	<b>Avg. Score (-3 to +3)</b> <input type="checkbox"/>	<b>Avg. Score (-3 to +3)</b> <input type="checkbox"/>		<b>Avg. Score (-3 to +3)</b> <input type="checkbox"/>	<b>Avg. Score (-3 to +3)</b> <input type="checkbox"/>	<b>Avg. Score (-3 to +3)</b> <input type="checkbox"/>
							<b>Total Score (-18 to +18)</b> <input type="checkbox"/>

# STATE PROJECT EVALUATION CRITERIA

## Highway-funded Improvement/Expansion Projects

PROJECT TYPE	THRESHOLD TRANSPORTATION CRITERIA				OTHER IMPACT CRITERIA		
	Condition and Service Quality	Mobility	Safety and Security	Cost Effectiveness	Community Effects and Support	Land Use and Economic Development	Environmental and Air Quality/ Climate Effects
Arterials/Intersection	Magnitude of pavement condition improvement <input type="checkbox"/>	Effect on magnitude and duration of congestion <input type="checkbox"/>	Effect on crash rate compared to state average <input type="checkbox"/>	Cost per Unit Change in Condition	Residential effects: right-of-way, noise, aesthetics, other <input type="checkbox"/>	Business effects: right-of-way, access, noise, traffic, parking, freight access other <input type="checkbox"/>	Air Quality/Climate effects <input type="checkbox"/>
Major Highways	Magnitude of improvement of other infrastructure elements <input type="checkbox"/>	Effect on travel time and connectivity/access <input type="checkbox"/>	Effect on bicycle and pedestrian safety <input type="checkbox"/>	Cost per Linear Mile	Public, local government, legislative, and regional support <input type="checkbox"/>	Sustainable development effects <input type="checkbox"/>	Water quality/supply effects; wetlands effects <input type="checkbox"/>
			NHS Status <input type="checkbox"/>		Effect on service to minority or low income neighborhoods <input type="checkbox"/>		
		Effect on other modes using facility <input type="checkbox"/>		Cost per AADT	Other Impact/benefit to minority or low income neighborhoods <input type="checkbox"/>	Consistent with regional land-use and economic development plans <input type="checkbox"/>	Historic and cultural resource effects <input type="checkbox"/>
		Effect on regional and local traffic <input type="checkbox"/>			Effect on development and redevelopment of housing stock <input type="checkbox"/>	Effect on job creation. <input type="checkbox"/>	
Avg. Score (-3 to +3) <input type="checkbox"/>		Avg. Score (-3 to +3) <input type="checkbox"/>		Avg. Score (-3 to +3) <input type="checkbox"/>		Avg. Score (-3 to +3) <input type="checkbox"/>	
							Total Score (-18 to +18) <input type="checkbox"/>

## FFY 2015-2018 TRANSPORTATION IMPROVEMENT PROGRAM (TIP)

### LIST OF HIGHWAY PROJECTS EVALUATED USING TRANSPORTATION EVALUATION CRITERIA (TEC)

DESCRIPTION	ID	TEC SCORE
ABINGTON- SAFE ROUTES TO SCHOOL (CENTER SCHOOL)	605693	TBD
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)	601630	TBD
BROCKTON - SIGNAL & INTERSECTION IMPROVEMENTS @ ROUTE 123 (BELMONT STREET)/LINWOOD STREET/ LORRAINE AVENUE	606036	8.10
BROCKTON- INTERSECTION IMPROVEMENTS @ CRESCENT STREET (ROUTE 27)/QUINCY STREET/MASSASOIT BOULEVARD	606143	8.25
BROCKTON- RESURFACING & RELATED WORK ON PERKINS AVENUE, FROM SUMMER STREET TO MAIN STREET (2,800 FT.)	601642	8.00
DUXBURY- INTERSECTION IMPROVEMENTS @ KINGSTOWN WAY (ROUTE 53) & WINTER STREET	603462	TBD
DUXBURY- SIGNAL INSTALLATION @ ROUTE 3 (NB & SB) RAMPS & ROUTE 3A (TREMONT STREET)	606002	TBD
EASTON - ROUTE 138 @ UNION STREET SIGNALIZATION AND GEOMETRIC IMPROVEMENTS	607438	7.85
EASTON- CORRIDOR IMPROVEMENTS ON DEPOT STREET (ROUTE 123), FROM NEWELL CIRCLE TO WASHINGTON STREET (ROUTE 138)	607217	7.00
EASTON- INTERSECTION IMPROVEMENTS @ ROUTE 138 & TURNPIKE AVENUE	604098	6.45
HALIFAX- REHABILITATION OF MONPONSETT STREET (ROUTE 58) FROM PLYMPTON T.L. TO LINGAN STREET	606379	7.55
KINGSTON- RECONSTRUCTION ON ROUTE 106 (MAIN STREET, WAPPING ROAD) (5,300 FEET)	601164	9.00
PEMBROKE - RECONSTRUCTION ON ROUTE 14, FROM THE HANSON T.L. TO ROUTE 53	604957	7.00
PEMBROKE - REHABILITATION OF ROUTE 36 FROM ROUTE 27 TO ROUTE 14	600380	6.14
PEMBROKE - ROUTE 53 AT PLEASANT STREET SIGNALIZATION AND GEOMETRIC IMPROVEMENTS	607337	8.00
PLYMOUTH - IMPROVEMENTS ON OBERY STREET, FROM SOUTH STREET TO A.A. CARANCI WAY/PLYMOUTH NORTH H.S. DRIVE INTERSECTION	606264	7.97
PLYMOUTH- RECONSTRUCTION OF TAYLOR AVENUE, FROM WHITE HORSE ROAD TO MANOMET POINT ROAD, INCLUDES P-13-010	604596	8.00
STOUGHTON- INTERSECTION IMPROVEMENTS & RELATED WORK AT WASHINGTON STREET (ROUTE 138) & CENTRAL STREET	607403	9.32
STOUGHTON- RECONSTRUCTION OF TURNPIKE STREET	607214	7.00
WEST BRIDGEWATER- RECONSTRUCTION ON ROUTE 106, FROM ROUTE 28 (CENTRAL SQUARE) TO EASTON T.L.	603456	TBD

**FFY 2015-2018 OLD COLONY TRANSPORTATION IMPROVEMENT PROGRAM (TIP)**

**2. Other Regional Priorities**

COMMUNITY	DESCRIPTION	PROJECT ID	DESIGN STATUS	FUNDING	COST
ABINGTON	ABINGTON SAFE ROUTES TO SCHOOL (CENTER SCHOOL)	605693	100	SRTS	\$489,600
ABINGTON	ABINGTON- SUPERSTRUCTURE REPLACEMENT & SUBSTRUCTURE REHABILITATION, A-01-006, CENTRAL STREET OVER SHUMATUSCANT RIVER	607346	0	BR	\$575,000
ABINGTON, 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)	601630	75	STP	\$57,752,525
BROCKTON	BROCKTON- INTERSECTION IMPROVEMENTS @ CRESCENT STREET (ROUTE 27)/QUINCY STREET/MASSASOIT BOULEVARD	606143	0	STP/ HSIP/ STBB	\$3,600,000
BROCKTON	BROCKTON- RESURFACING & RELATED WORK ON PERKINS AVENUE, FROM SUMMER STREET TO MAIN STREET (2,800 FT.)	601642	0	STP	\$500,000
BROCKTON	BROCKTON- SUPERSTRUCTURE REPLACEMENT, B-25-047, ROUTE 24 OVER WEST CHESTNUT STREET	607266	0	BR	\$2,116,000
BROCKTON, WEST BRIDGEWATER, BRIDGEWATER, RAYNHAM, TAUNTON, FREETOWN	BROCKTON- WEST BRIDGEWATER- BRIDGEWATER- RAYNHAM- TAUNTON- FREETOWN- CLEANING, PAINTING & REPAIRING 11 STEEL BRIDGES ON/OVER ROUTE 24	606021	0	BR	\$8,855,000
DUXBURY	DUXBURY- BRIDGE REPLACEMENT, D-14-010 (48H & 48J), ROUTE 3 (PILGRIM HIGHWAY) NB/SB OVER FRANKLIN STREET	605294	0	BR	\$8,944,700
DUXBURY	DUXBURY- INTERSECTION IMPROVEMENTS @ KINGSTOWN WAY (ROUTE 53) & WINTER STREET	603462	100	STP	\$1,537,983
DUXBURY	DUXBURY- SIGNAL INSTALLATION @ ROUTE 3 (NB & SB) RAMPS & ROUTE 3A (TREMONT STREET)	606002	0	STP	\$2,400,000
EAST BRIDGEWATER	EAST BRIDGEWATER- RESURFACING AND SIDEWALK CONSTRUCTION ON BEDFORD STREET (ROUTE 18), FROM WHITMAN STREET (ROUTE 106) TO CENTRAL STREET	607941	0	STP	\$1,818,182
EASTON	EASTON - ROUTE 123 (DEPOT STREET) RECONSTRUCTION ON FROM NEWELL CIRCLE TO ROUTE 138	607217	0	STP	\$5,000,400
EASTON	EASTON- INTERSECTION IMPROVEMENTS @ ROUTE 138 & TURNPIKE STREET	604098	0	STP	\$1,440,000
EASTON	ROUTE 138 @ UNION STREET SIGNALIZATION AND GEOMETRIC IMPROVEMENTS	607438	0	STP	\$1,500,000

**FFY 2015-2018 OLD COLONY TRANSPORTATION IMPROVEMENT PROGRAM (TIP)**

HINGHAM, HANOVER, DUXBURY, KINGSTON, PLYMOUTH	HINGHAM- HANOVER- DUXBURY- KINGSTON- PLYMOUTH- CLEANING, PAINTING & REPAIRING 7 STEEL BRIDGES ON/OVER ROUTE 3	606023	0	BR	\$9,085,000
KINGSTON	KINGSTON- RECONSTRUCTION ON ROUTE 106 (MAIN STREET, WAPPING ROAD) (5,300 FEET)	601164	25	STP	\$3,750,000
KINGSTON	KINGSTON- SUPERSTRUCTURE REPLACEMENT, K-01-011, PILGRIM HIGHWAY (ROUTE 3) OVER JONES RIVER	607268	0	BR	\$9,392,050
KINGSTON, PLYMOUTH	KINGSTON- PLYMOUTH- RESURFACING & RELATED WORK ON ROUTE 3	607175	0	TBD	\$9,683,000
MIDDLEBORO, PLYMOUTH	MIDDLEBORO- PLYMOUTH- RESURFACING & RELATED WORK ON ROUTE 44	607568	0	TBD	\$10,608,750
NORWELL, PEMBROKE	NORWELL- PEMBROKE- BRIDGE REPLACEMENT, N-24-004=P-05-008, ROUTE 3 (NB & SB) OVER NORTH RIVER	607349	0	BR	\$18,595,500
PEMBROKE	PEMBROKE - REHABILITATION OF ROUTE 36 FROM ROUTE 27 TO ROUTE 14	600380	25	STP	\$3,608,093
PEMBROKE	PEMBROKE - ROUTE 53 AT PLEASANT STREET SIGNALIZATION AND GEOMETRIC IMPROVEMENTS	607337	25	STP/ STBB	\$1,264,800
PLYMOUTH	PLYMOUTH- RECONSTRUCTION OF TAYLOR AVENUE, FROM WHITE HORSE ROAD TO MANOMET POINT ROAD, INCLUDES P-13-010	605038	75	STP	\$5,106,000
PLYMOUTH	PLYMOUTH- RESURFACING & RELATED WORK ON ROUTE 3	606524	0	TBD	\$1,300,000
STOUGHTON	STOUGHTON- INTERSECTION IMPROVEMENTS & RELATED WORK AT WASHINGTON STREET (ROUTE 138) & CENTRAL STREET	607403	0	STP	\$3,000,000
STOUGHTON	STOUGHTON- RECONSTRUCTION OF TURNPIKE STREET	607214	0	STP	\$12,000,250
WEST BRIDGEWATER	WEST BRIDGEWATER- BRIDGE REPLACEMENT, W-18-012, SR 106 (WEST CENTER STREET) OVER THE HOCKOMOCK RIVER	605351	25	ABP	\$2,441,800
WEST BRIDGEWATER	WEST BRIDGEWATER- RECONSTRUCTION ON ROUTE 106, FROM ROUTE 28 (CENTRAL SQUARE) TO EASTON T.L.	603456	0	STP	\$6,000,000
WHITMAN	WHITMAN- TRAFFIC SIGNAL IMPROVEMENTS & RELATED WORK ON BEDFORD STREET (ROUTE 18) AT 2 LOCATIONS: AUBURN STREET (ROUTE 14) & TEMPLE STREET (ROUTE 27)	607860	0	STP	\$2,291,713
<b>Total of All Potential Projects</b>					<b>\$194,656,346</b>

\* This is an Informational List of Other Regional Priorities Regardless of Funding Source



**FFY 2015-2018 OLD COLONY TRANSPORTATION IMPROVEMENT PROGRAM (TIP)**

**3. Potential Projects Identified by Communities and/ or Studies Conducted by OCPC as Part of the Unified Planning Work Program. In order for projects to advance, communities must follow the project initiation process in the MassDOT Project Development & Design Guide Book.**

COMMUNITY	DESCRIPTION	PROJECT ID	FUNDING	COST
ABINGTON	ABINGTON - SAFE ROUTES TO SCHOOL (WOODWARD SCHOOL)	PRE - PRC	TBD	\$500,000
ABINGTON, WHITMAN	ROUTE 18 CAPACITY ENHANCEMENT FROM ROUTE 139 TO ROUTE 14	PRE - PRC	TBD	\$3,000,000
AVON	ROUTE 28 (EAST MAIN STREET) AT EAST/WEST SPRING STREET SIGNALIZATION AND GEOMETRIC IMPROVEMENT	PRE - PRC	TBD	\$1,000,000
AVON	WEST MAIN STREET RECONSTRUCTION (HARRISON BOULEVARD TO ROUTE 28)	PRE - PRC	TBD	\$500,000
BRIDGEWATER	HIGH STREET RECONSTRUCTION FROM HAYWARD STREET TO PLYMOUTH STREET	PRE - PRC	TBD	\$5,500,000
BRIDGEWATER	MILL STREET RECONSTRUCTION FROM PLYMOUTH STREET TO HIGH STREET	PRE - PRC	TBD	\$1,100,000
BRIDGEWATER	SOUTH STREET@ ROUTE 104 SIGNALIZATION AND GEOMETRIC IMPROVEMENT	PRE - PRC	TBD	\$1,000,000
BRIDGEWATER	SUMMER STREET RECONSTRUCTION FROM GROVE STREET TO FLAGG STREET	PRE - PRC	TBD	\$5,100,000
BRIDGEWATER	TITICUT STREET BRIDGE REPLACEMENT OVER TAUNTON RIVER	PRE - PRC	TBD	\$500,000
BRIDGEWATER	TOWN RIVER LANDING PEDESTRIAN BRIDGE ENHANCEMENT PROJECT	PRE - PRC	TBD	\$880,660
BROCKTON	ITS REVENUE COLLECTION EQUIPMENT	PRE - PRC	TBD	\$500,000
BROCKTON	MAIN STREET AT FOREST AVENUE TRAFFIC SIGNALS AND GEOMETRIC IMPROVEMENTS	PRE - PRC	TBD	\$1,000,000
BROCKTON	MAIN STREET RECONSTRUCTION FROM WHITE AVENUE TO HAYWARD AVENUE	PRE - PRC	TBD	\$2,000,000
BROCKTON	NORTH MAIN STREET RECONSTRUCTION FROM PROSPECT STREET TO COURT WAY	PRE - PRC	TBD	\$1,500,000
BROCKTON	ROUTE 28 RECONSTRUCTION FROM EAST ASHLAND STREET TO PLAIN STREET	PRE - PRC	TBD	\$2,500,000
BROCKTON	ROUTE 27 - CRESCENT STREET, LYMAN STREET, AND SUMMER STREET INTERSECTION IMPROVEMENTS	PRE - PRC	TBD	\$3,300,000
EAST BRIDGEWATER	ROUTE 106 RECONSTRUCTION WHITMAN STREET TO HALIFAX TOWN LINE	PRE - PRC	TBD	\$4,500,000
EASTON	CENTRAL STREET RESURFACING FROM WASHINGTON TO DEPOT	PRE - PRC	TBD	\$550,000
EASTON	ROUTE 106 - EASTMAN STREET, MANSFIELD TOWN LINE TO ROUTE 123	PRE - PRC	TBD	\$280,715
EASTON	ROUTE 106 - FOUNDRY STREET, BAY ROAD TO MORSE ROAD	PRE - PRC	TBD	\$1,689,350
EASTON	ROUTE 106 - FOUNDRY STREET, EASTMAN STREET TO BAY ROAD	PRE - PRC	TBD	\$1,400,000
EASTON	ROUTE 138 @ ELM STREET SIGNALIZATION AND GEOMETRIC IMPROVEMENTS	PRE - PRC	TBD	\$1,000,000
EASTON	ROUTE 138 @ PLYMOUTH STREET SIGNALIZATION AND GEOMETRIC IMPROVEMENT	PRE - PRC	TBD	\$1,000,000

**FFY 2015-2018 OLD COLONY TRANSPORTATION IMPROVEMENT PROGRAM (TIP)**

HALIFAX	ROUTE 106 RECONSTRUCTION (ROUTE 105 TO BRIDGEWATER TOWN LINE)	PRE - PRC	TBD	\$1,000,000
KINGSTON	ROUTE 27 @ ROUTE 106 SIGNAL REPLACEMENT AND GEOMETRIC IMPROVEMENTS	PRE - PRC	TBD	\$1,000,000
KINGSTON	ROUTE 3A AT CRESCENT STREET SIGNALIZATION AND GEOMETRIC IMPROVEMENTS	PRE - PRC	TBD	\$1,000,000
PLYMOUTH	CARVER ROAD/SUMMER ST/FEDERAL FURNACE/SLEEPY HOLLOW ROAD SIGNALIZATION	PRE - PRC	TBD	\$1,000,000
PLYMOUTH	CHERRY STREET RECONSTRUCTION FROM INDUSTRIAL PARK ROAD TO COMMERCE WAY	PRE - PRC	TBD	\$2,600,000
PLYMOUTH	FEDERAL FURNACE ROAD RECONSTRUCTION FROM CARVER TOWN LINE TO SOUTH MEADOW ROAD	PRE - PRC	TBD	\$5,500,000
PLYMOUTH	JENNY GRIST MILL/ BILLINGTON SEA WALKWAY	PRE - PRC	TBD	\$1,500,000
PLYMOUTH	LONG POND ROAD RECONSTRUCTION (DREW ROAD TO CLARK ROAD)	PRE - PRC	TBD	\$5,000,000
PLYMOUTH	ROUTE 3 AT EXIT 3 INTERCHANGE AND VICINITY ACCESS IMPROVEMENTS	PRE - PRC	TBD	\$28,000,000
PLYMOUTH	ROUTE 3A AT SOUTH STREET SIGNALIZATION	PRE - PRC	TBD	\$1,000,000
PLYMOUTH	ROUTE 3A STATE ROAD AND HERRING POND ROAD SIGNALIZATION	PRE - PRC	TBD	\$1,000,000
PLYMOUTH	SAMOSSET STREET @ MARC DRIVE/ MOBILE HOME ESTATES SIGNALIZATION	PRE - PRC	TBD	\$1,000,000
PLYMOUTH	TOWN WHARF PEDESTRIAN AND ROADWAY IMPROVEMENTS	PRE - PRC	TBD	\$1,000,000
STOUGHTON	BAY ROAD RECONSTRUCTION	PRE - PRC	TBD	\$1,000,000
STOUGHTON	CANTON STREET (ROUTE 27) & SCHOOL STREET SIGNALIZATION	PRE - PRC	TBD	\$1,000,000
STOUGHTON	CANTON (ROUTE 27)/TOSCA/CENTRAL INTERSECTION IMPROVEMENTS	PRE - PRC	TBD	\$1,000,000
STOUGHTON	TURNPIKE AND CENTRAL STREETS RESURFACING	PRE - PRC	TBD	\$522,000
WEST BRIDGEWATER	BELMONT STREET BRIDGE REHABILITATION	PRE - PRC	TBD	\$500,000
WEST BRIDGEWATER	BRIDGE REHABILITATION ARCH STREET	PRE - PRC	TBD	\$500,000
WEST BRIDGEWATER	ROUTE 106 @ EAST STREET SIGNALIZATION	PRE - PRC	TBD	\$1,000,000
WEST BRIDGEWATER	ROUTE 106 @ HOWARD STREET SIGNALIZATION	PRE - PRC	TBD	\$1,000,000
WEST BRIDGEWATER	ROUTE 28 @ MATFIELD STREET SIGNALIZATION	PRE - PRC	TBD	\$1,000,000
WEST BRIDGEWATER	SOUTH STREET RESURFACING AND SIDEWALKS	PRE - PRC	TBD	\$300,000
WEST BRIDGEWATER	WEST STREET BRIDGE REHABILITATION	PRE - PRC	TBD	\$500,000
	<b>Total of All Potential Projects</b>			<b>\$99,222,725</b>

**4. Federal Regional Funding Targets, and Statewide Summaries (FFY 2015-2018)**

TITLE 23 - TRANSPORTATION FUNDING

FEDERAL FISCAL YEAR 2015  
FEDERAL REGIONAL TARGETS

February 24, 2014

	Obligation Authority	Obl. Auth. Matching	Total Funding Based On
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	30,795,000		First ABP Gans
<b>Total Non-Earmarked Available Statewide - (Including State Match)</b>	<b>569,205,000</b>	<b>131,600,711</b>	<b>700,805,711</b>
<b>Statewide Infrastructure Items:</b>			
Statewide Infrastructure Program	\$2,000,000	\$500,000	\$2,500,000
Statewide HSIP Program	\$16,800,000	\$1,866,667	\$18,666,667
Statewide Safe Routes to Schools Program	\$4,992,364	\$832,274	\$5,824,638
Statewide CMAQ	\$7,153,600	\$1,788,400	\$8,942,000
Statewide Transportation Enhancements	\$6,708,565	\$1,677,141	\$8,385,706
Statewide Recreational Trails	\$800,000	\$200,000	\$1,000,000
Statewide ITS	\$10,240,000	\$2,560,000	\$12,800,000
Statewide Interstate Maintenance Program	\$47,250,000	\$5,250,000	\$52,500,000
Statewide NHS Preservation Program	\$19,676,374	\$4,919,094	\$24,595,468
Statewide RR Grade Crossings	\$800,000	\$200,000	\$1,000,000
Statewide Stormwater Retrofits	\$5,800,000	\$1,450,000	\$7,250,000
Statewide ADA Implementation Plan	\$0	\$0	\$0
<b>Subtotal Statewide Infrastructure Items:</b>	<b>\$122,220,903</b>	<b>\$21,243,575</b>	<b>\$143,464,478</b>
<b>Other Statewide Items:</b>			
Award Adjustments, Change Orders, Project Value Changes, Etc. Planning	\$33,833,700	\$8,458,425	\$42,292,125
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>\$59,433,700</b>	<b>\$14,858,425</b>	<b>\$74,292,125</b>
<b>Regional Major Infrastructure Projects:</b>	<b>\$138,618,067</b>	<b>\$34,654,517</b>	<b>\$173,272,584</b>
<b>Bridge Program:</b>			
Statewide Bridge Maintenance Program	\$8,000,000	\$2,000,000	\$10,000,000
Statewide Bridge Repl. / Rehab Program	\$107,800,000	\$26,950,000	\$134,750,000
Statewide Bridge Inspection Program	\$5,000,000	\$1,250,000	\$6,250,000
<b>Subtotal Federal Aid Bridge Program:</b>	<b>\$120,800,000</b>	<b>\$30,200,000</b>	<b>\$151,000,000</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	\$996,251	\$4,981,254
Maximum Regional Non-CMAQ / HSIP Component:	\$84,147,327	\$21,036,832	\$105,184,159
<b>Total Regional Target</b>	<b>\$128,132,330</b>	<b>\$30,644,194</b>	<b>\$158,776,524</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	\$5,651,879	\$3,921,497
Boston Region	42.9671	\$4,774,123	\$16,112,664	\$2,548,719	\$68,221,673	\$44,786,168
Cape Cod	4.5851	\$509,460	\$1,719,428	\$178,764	\$7,280,128	\$4,872,476
Central Mass	8.6901	\$965,570	\$3,258,799	\$426,039	\$13,797,888	\$9,147,480
Franklin Region	2.5397	\$282,194	\$952,405	\$0	\$4,032,520	\$2,797,922
Martha's Vineyard	0.3100	\$34,441	\$116,238	\$0	\$492,158	\$341,479
Merrimack Valley	4.4296	\$492,173	\$1,661,084	\$305,423	\$7,033,097	\$4,574,417
Montachusett	4.4596	\$495,506	\$1,672,333	\$74,990	\$7,080,725	\$4,837,896
Nantucket	0.2200	\$24,442	\$82,492	\$0	\$349,273	\$242,340
Northern Middlesex	3.9096	\$434,401	\$1,466,103	\$245,303	\$6,207,541	\$4,061,733
Old Colony	4.5595	\$506,616	\$1,709,829	\$300,009	\$7,239,485	\$4,723,031
Pioneer Valley	10.8099	\$1,201,102	\$4,053,720	\$473,939	\$17,163,614	\$11,434,853
Southeastern Mass	8.9601	\$995,567	\$3,360,039	\$428,067	\$14,226,542	\$9,442,869
<b>Total:</b>	<b>100.00</b>	<b>\$11,111,111</b>	<b>\$37,500,000</b>	<b>\$4,981,254</b>	<b>\$158,776,524</b>	<b>\$105,184,159</b>

TITLE 23 - TRANSPORTATION FUNDING

FEDERAL FISCAL YEAR 2016  
FEDERAL REGIONAL TARGETS

February 24, 2014

	Obligation Authority	Obl. Auth. Matching	Total Funding Based On
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	66,103,864		
<b>Total Non-Earmarked Available Statewide - (Including State Match)</b>	<b>533,896,136</b>	<b>122,676,030</b>	<b>656,572,166</b>
<b>Statewide Infrastructure Items:</b>			
Statewide Infrastructure Program	\$14,000,000	\$3,500,000	\$17,500,000
Statewide HSIP Program	\$22,500,000	\$2,500,000	\$25,000,000
Statewide Safe Routes to Schools Program	\$4,651,829	\$1,127,454	\$5,779,283
Statewide CMAQ	\$33,924,910	\$8,481,228	\$42,406,138
Statewide Transportation Enhancements	\$4,355,954	\$1,088,988	\$5,444,942
Statewide Recreational Trails	\$800,000	\$200,000	\$1,000,000
Statewide ITS	\$10,480,000	\$2,620,000	\$13,100,000
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 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>\$166,062,693</b>	<b>\$31,967,670</b>	<b>\$198,030,363</b>
<b>Other Statewide Items:</b>			
Award Adjustments, Change Orders, Project Value Changes, Etc. Planning	\$35,020,469	\$8,755,117	\$43,775,586
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>\$60,620,469</b>	<b>\$15,155,117</b>	<b>\$75,775,586</b>
<b>Regional Major Infrastructure Projects:</b>	<b>\$81,195,000</b>	<b>\$20,298,750</b>	<b>\$101,493,750</b>
<b>Bridge Program:</b>			
Statewide Bridge Maintenance Program	\$8,000,000	\$2,000,000	\$10,000,000
Statewide Bridge Repl. / Rehab Program	\$72,357,974	\$18,089,494	\$90,447,468
Statewide Bridge Inspection Program	\$5,000,000	\$1,250,000	\$6,250,000
<b>Subtotal Federal Aid Bridge Program:</b>	<b>\$85,357,974</b>	<b>\$21,339,494</b>	<b>\$106,697,468</b>
<b>Total Regional Targets:</b>			
Minimum Regional CMAQ Component:	\$25,000,000	\$6,250,000	\$31,250,000
Minimum Regional HSIP Component:	\$9,000,000	\$1,000,000	\$10,000,000
Regional TAP Component:	\$7,970,006	\$1,992,501	\$9,962,507
Maximum Regional Non-CMAQ / HSIP Component:	\$98,689,994	\$24,672,498	\$123,362,492
<b>Total Regional Target</b>	<b>\$140,660,000</b>	<b>\$33,915,000</b>	<b>\$174,575,000</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	\$355,964	\$1,112,389	\$0	\$6,214,248	\$4,745,895
Boston Region	42.9671	\$4,296,710	\$13,427,220	\$4,346,838	\$75,009,821	\$52,939,052
Cape Cod	4.5851	\$458,514	\$1,432,857	\$305,425	\$8,004,511	\$5,807,715
Central Mass	8.6901	\$869,013	\$2,715,666	\$727,774	\$15,170,796	\$10,858,343
Franklin Region	2.5397	\$253,975	\$793,671	\$0	\$4,433,762	\$3,386,116
Martha's Vineyard	0.3100	\$30,997	\$96,865	\$0	\$541,128	\$413,266
Merrimack Valley	4.4296	\$442,956	\$1,384,237	\$520,893	\$7,732,899	\$5,384,814
Montachusett	4.4596	\$445,955	\$1,393,611	\$127,980	\$7,785,266	\$5,817,721
Nantucket	0.2200	\$21,998	\$68,743	\$0	\$384,027	\$293,286
Northern Middlesex	3.9096	\$390,961	\$1,221,753	\$418,360	\$6,825,200	\$4,794,126
Old Colony	4.5595	\$455,954	\$1,424,858	\$511,704	\$7,959,824	\$5,567,308
Pioneer Valley	10.8099	\$1,080,992	\$3,378,100	\$809,741	\$18,871,416	\$13,602,583
Southeastern Mass	8.9601	\$896,010	\$2,800,033	\$730,779	\$15,642,102	\$11,215,279
<b>Total:</b>	<b>100.00</b>	<b>\$10,000,000</b>	<b>\$31,250,000</b>	<b>\$9,962,507</b>	<b>\$174,575,000</b>	<b>\$124,825,504</b>

TITLE 23 - TRANSPORTATION FUNDING

FEDERAL FISCAL YEAR 2017  
FEDERAL REGIONAL TARGETS

February 24, 2014

	Obligation Authority	Obl. Auth. Matching	Total Funding Based On
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	104,921,614		
<b>Total Non-Earmarked Available Statewide - (Including State Match)</b>	<b>495,078,386</b>	<b>113,392,097</b>	<b>608,470,483</b>
<b>Statewide Infrastructure Items:</b>			
Statewide Infrastructure Program	\$5,600,000	\$1,400,000	\$7,000,000
Statewide HSIP Program	\$18,000,000	\$2,000,000	\$20,000,000
Statewide Safe Routes to Schools Program	\$5,000,000	\$1,250,000	\$6,250,000
Statewide CMAQ	\$28,500,000	\$7,125,000	\$35,625,000
Statewide Recreational Trails	\$800,000	\$200,000	\$1,000,000
Statewide ITS	\$14,400,000	\$3,600,000	\$18,000,000
Statewide Interstate Maintenance Program	\$47,718,000	\$5,302,000	\$53,020,000
Statewide NHS Preservation Program	\$19,932,000	\$4,983,000	\$24,915,000
Statewide RR Grade Crossings	\$4,000,000	\$1,000,000	\$5,000,000
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>\$151,150,000</b>	<b>\$28,660,000</b>	<b>\$179,810,000</b>
<b>Other Statewide Items:</b>			
Award Adjustments, Change Orders, Project Value Changes, Etc. Planning	\$31,530,000	\$7,882,500	\$39,412,500
DBEs, FAPO, Pavement Lab Retrofits, and Misc. Programs	\$25,800,000	\$6,450,000	\$32,250,000
	\$800,000	\$200,000	\$1,000,000
<b>Subtotal Other Statewide Items:</b>	<b>\$58,130,000</b>	<b>\$14,532,500</b>	<b>\$72,662,500</b>
<b>Regional Major Infrastructure Projects:</b>	<b>\$32,800,000</b>	<b>\$8,200,000</b>	<b>\$41,000,000</b>
<b>Bridge Program:</b>			
Statewide Bridge Maintenance Program	\$8,000,000	\$2,000,000	\$10,000,000
Statewide Bridge Repl. / Rehab Program	\$99,338,386	\$24,834,597	\$124,172,983
Statewide Bridge Inspection Program	\$5,000,000	\$1,250,000	\$6,250,000
<b>Subtotal Federal Aid Bridge Program:</b>	<b>\$112,338,386</b>	<b>\$28,084,597</b>	<b>\$140,422,983</b>
<b>Total Regional Targets:</b>			
Minimum Regional CMAQ Component:	\$25,000,000	\$6,250,000	\$31,250,000
Minimum Regional HSIP Component:	\$9,000,000	\$1,000,000	\$10,000,000
Regional TAP Component:	\$5,178,555	\$1,294,639	\$6,473,194
Maximum Regional Non-CMAQ / HSIP Component:	\$101,481,445	\$25,370,361	\$126,851,806
<b>Total Regional Target</b>	<b>\$140,660,000</b>	<b>\$33,915,000</b>	<b>\$174,575,000</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	\$355,964	\$1,112,389	\$0	\$6,214,249	\$4,745,895
Boston Region	42.9671	\$4,296,710	\$13,427,220	\$2,824,382	\$75,009,821	\$54,461,509
Cape Cod	4.5851	\$458,514	\$1,432,857	\$198,452	\$8,004,511	\$5,914,688
Central Mass	8.6901	\$869,013	\$2,715,666	\$472,875	\$15,170,796	\$11,113,242
Franklin Region	2.5397	\$253,975	\$793,671	\$0	\$4,433,762	\$3,386,116
Martha's Vineyard	0.3100	\$30,997	\$96,865	\$0	\$541,128	\$413,266
Merrimack Valley	4.4296	\$442,956	\$1,384,237	\$338,453	\$7,732,899	\$5,567,254
Montachusett	4.4596	\$445,955	\$1,393,611	\$83,156	\$7,785,266	\$5,862,545
Nantucket	0.2200	\$21,998	\$68,743	\$0	\$384,027	\$293,286
Northern Middlesex	3.9096	\$390,961	\$1,221,753	\$271,832	\$6,825,200	\$4,940,654
Old Colony	4.5595	\$455,954	\$1,424,858	\$332,483	\$7,959,824	\$5,746,529
Pioneer Valley	10.8099	\$1,080,992	\$3,378,100	\$526,134	\$18,871,416	\$13,886,191
Southeastern Mass	8.9601	\$896,010	\$2,800,033	\$474,828	\$15,642,102	\$11,471,231
<b>Total:</b>	<b>100.00</b>	<b>\$10,000,000</b>	<b>\$31,250,000</b>	<b>\$6,473,194</b>	<b>\$174,575,000</b>	<b>\$127,802,406</b>

TITLE 23 - TRANSPORTATION FUNDING

FEDERAL FISCAL YEAR 2018  
FEDERAL REGIONAL TARGETS

24-Feb-14

	Obligation Authority	Obl. Auth. Matching	Total Funding Based On
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	106,236,614		
<b>Total Non-Earmarked Available Statewide - (Including State Match)</b>	<b>493,763,386</b>	<b>112,326,958</b>	<b>606,090,344</b>
<b>Statewide Infrastructure Items:</b>			
Statewide Infrastructure Program	\$5,600,000	\$1,400,000	\$7,000,000
Statewide HSIP Program	\$18,000,000	\$2,000,000	\$20,000,000
Statewide Safe Routes to Schools Program	\$5,000,000	\$1,250,000	\$6,250,000
Statewide CMAQ	\$30,000,000	\$7,500,000	\$37,500,000
Statewide Recreational Trails	\$800,000	\$200,000	\$1,000,000
Statewide ITS	\$11,920,000	\$2,980,000	\$14,900,000
Statewide Interstate Maintenance Program	\$53,020,000	\$5,891,111	\$58,911,111
Statewide NHS Preservation Program	\$25,000,000	\$6,250,000	\$31,250,000
Statewide RR Grade Crossings	\$800,000	\$200,000	\$1,000,000
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>\$157,340,000</b>	<b>\$29,471,111</b>	<b>\$186,811,111</b>
<b>Other Statewide Items:</b>			
Award Adjustments, Change Orders, Project Value Changes, Etc.	\$30,900,000	\$7,725,000	\$38,625,000
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>\$56,500,000</b>	<b>\$14,125,000</b>	<b>\$70,625,000</b>
<b>Regional Major Infrastructure Projects:</b>	<b>\$32,800,000</b>	<b>\$8,200,000</b>	<b>\$41,000,000</b>
<b>Bridge Program:</b>			
Statewide Bridge Maintenance Program	\$8,000,000	\$2,000,000	\$10,000,000
Statewide Bridge Repl. / Rehab Program	\$93,463,386	\$23,365,847	\$116,829,233
Statewide Bridge Inspection Program	\$5,000,000	\$1,250,000	\$6,250,000
<b>Subtotal Federal Aid Bridge Program:</b>	<b>\$106,463,386</b>	<b>\$26,615,847</b>	<b>\$133,079,233</b>
<b>Total Regional Targets:</b>			
Minimum Regional CMAQ Component:	\$25,000,000	\$6,250,000	\$31,250,000
Minimum Regional HSIP Component:	\$9,000,000	\$1,000,000	\$10,000,000
Regional TAP Component:	\$5,178,555	\$1,294,639	\$6,473,194
Maximum Regional Non-CMAQ / HSIP Component:	\$101,481,445	\$25,370,361	\$126,851,806
<b>Total Regional Target</b>	<b>\$140,660,000</b>	<b>\$33,915,000</b>	<b>\$174,575,000</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	\$355,964	\$1,112,389	\$0	\$6,214,248	\$4,745,895
Boston Region	42.9671	\$4,296,710	\$13,427,220	\$2,824,382	\$75,009,821	\$54,461,508
Cape Cod	4.5851	\$458,514	\$1,432,857	\$198,452	\$8,004,511	\$5,914,688
Central Mass	8.6901	\$869,013	\$2,715,666	\$472,875	\$15,170,796	\$11,113,242
Franklin Region	2.5397	\$253,975	\$793,671	\$0	\$4,433,762	\$3,386,116
Martha's Vineyard	0.3100	\$30,997	\$96,865	\$0	\$541,128	\$413,266
Merrimack Valley	4.4296	\$442,956	\$1,384,237	\$338,453	\$7,732,899	\$5,567,254
Montachusett	4.4596	\$445,955	\$1,393,611	\$83,156	\$7,785,266	\$5,862,545
Nantucket	0.2200	\$21,998	\$68,743	\$0	\$384,027	\$293,286
Northern Middlesex	3.9096	\$390,961	\$1,221,753	\$271,832	\$6,825,200	\$4,940,654
Old Colony	4.5595	\$455,954	\$1,424,858	\$332,483	\$7,959,824	\$5,746,529
Pioneer Valley	10.8099	\$1,080,992	\$3,378,100	\$526,134	\$18,871,416	\$13,886,191
Southeastern Mass	8.9601	\$896,010	\$2,800,033	\$474,828	\$15,642,102	\$11,471,231
<b>Total:</b>	<b>100.00</b>	<b>\$10,000,000</b>	<b>\$31,250,000</b>	<b>\$6,473,194</b>	<b>\$174,575,000</b>	<b>\$127,802,405</b>

**5. Statewide Project Detailed Listing**



## Highway Safety Improvement Program

MassDOT Project ID ▼	MPO ▼	MassDOT Project Description ▼	MassDOT 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

#### ► Statewide Highway Safety Improvement Program

607072	Statewide	Statewide- Implementation (Phase III) Of The Flashing Yellow Arrow At Signalized Intersections--One Of The "FHWA Nine Proven Countermeasures"	Statewide	HSIP	\$ 1,500,000	\$ 1,350,000	\$ 150,000	
607492	Statewide	Statewide- Various Safety Strategies To Be Determined Based On 2013 SHSP And Updates	Statewide	HSIP	\$ 7,252,087	\$ 6,526,878	\$ 725,209	
605833	Pioneer Valley	West Springfield to Bernardston – Traffic Sign Replacement on Interstate 91 (AC YR 2 of 2)	2	HSIP	\$ 4,064,580	\$ 3,658,122	\$ 406,458	AC Yr 2 of 2
	Statewide	Conversion to Mileage based Exit Numbering	Statewide	HSIP	\$ 4,000,000	\$ 3,600,000	\$ 400,000	WAITING ON FHWA FOR APPROVAL TO USE HSIP
606394	CCC	Barnstable - Route 28/Bearses Way	5	HSIP	\$ 600,000	\$ 540,000	\$ 60,000	This is also on Regional CCC TIP
606485	Central MA	Route 146 Millbury-Sutton Median Barrier and other safety Improvements	3	HSIP	\$ 1,250,000	\$ 1,125,000	\$ 125,000	
Statewide HSIP Subtotal ►					\$ 18,666,667	\$ 16,800,000	\$ 1,866,667	◀ 90% Federal + 10% Non-Federal
					Fed Aid Target	\$ 16,800,000		
					Difference	\$ 0		
					Constrained?	Yes		

## Highway Safety Improvement Program

MassDOT Project ID ▼	MPO ▼	MassDOT Project Description ▼	MassDOT 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

#### ► Statewide Highway Safety Improvement Program

607495	Statewide	Statewide- Sign upgrade (for retroreflectivity) on secondary roadway	Statewide	HSIP	\$ 5,160,000	\$ 4,644,000	\$ 516,000	
607493	Statewide	Statewide- Various Safety Strategies To Be Determined Based On 2013 SHSP And Updates	Statewide	HSIP	\$ 7,790,000	\$ 7,011,000	\$ 779,000	
	Statewide	Conversion to Mileage based Exit Numbering	Statewide	HSIP	\$ 2,000,000	\$ 1,800,000	\$ 200,000	WAITING ON FHWA FOR APPROVAL TO USE HSIP
607918	CCC	Route 6 sign upgrades Sandwich to Orleans	5	HSIP	\$ 4,100,000	\$ 3,690,000	\$ 410,000	
606620	Statewide	Statewide- Taunton to Bolton I-495 Traffic Sign Replacement	Statewide	HSIP	\$ 5,950,000	\$ 5,355,000	\$ 595,000	
Statewide HSIP Subtotal ►					\$ 25,000,000	\$ 22,500,000	\$ 2,500,000	◀ 90% Federal + 10% Non-Federal
					Fed Aid Target	\$ 22,500,000		
					Difference	\$ -		
					Constrained?	Yes		

## Highway Safety Improvement Program

MassDOT Project ID ▼	MPO ▼	MassDOT Project Description ▼	MassDOT 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

#### ► Statewide Highway Safety Improvement Program

607494	Statewide	Statewide- Various Safety Strategies To Be Determined Based On 2013 SHSP And Updates	Statewide	HSIP	\$ 6,100,000	\$ 5,490,000	\$ 610,000	
607496	Statewide	Statewide- Sign upgrade (for retroreflectivity) on secondary roadway	Statewide	HSIP	\$ 8,400,000	\$ 7,560,000	\$ 840,000	
607916	OCPC/SRPE DD	Route 24 sign upgrade Randolph - Fall River	5	HSIP	\$ 5,500,000	\$ 4,950,000	\$ 550,000	
Statewide HSIP Subtotal ►					\$ 20,000,000	\$ 18,000,000	\$ 2,000,000	◀ 90% Federal + 10% Non-Federal
					Fed Aid Target	\$ 18,000,000		
					Difference	\$ -		
					Constrained?	Yes		

## Highway Safety Improvement Program

MassDOT Project ID ▼	MPO ▼	MassDOT Project Description ▼	MassDOT 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

#### ► Statewide Highway Safety Improvement Program

	Statewide	Statewide- Various Safety Strategies To Be Determined Based On 2013 SHSP And Updates	Statewide	HSIP	\$ 13,100,000	\$ 11,790,000	\$ 1,310,000	
<b>607917</b>		Route 290 Auburn - Worcester sign upgrade		HSIP	\$ 4,200,000	\$ 3,780,000	\$ 420,000	
<b>607919</b>		Route 495 Bolton - Lowell sign upgrade		HSIP	\$ 2,700,000	\$ 2,430,000	\$ 270,000	
Statewide HSIP Subtotal ►					\$ 20,000,000	\$ 18,000,000	\$ 2,000,000	◀ 90% Federal + 10% Non-Federal
					Fed Aid Target	\$ 18,000,000		
					Difference	\$ -		
					Constrained?	Yes		

# 2015 Statewide Transportation Improvement Program

Draft FFY 2015-2018 STIP

## Infrastructure, Regional and Statewide

MassDOT Project ID ▼	MPO ▼	MassDOT Project Description ▼	MassDOT 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

#### ► Statewide Regional Major Infrastructure Program

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	\$ 23,808,000	\$ 19,046,400	\$ 4,761,600	AC YR 3 of 4. Total Project Cost = \$77,236,601 = FY 2013, 2014, & 2015 Regional Major Infrastructure (CMAQ+ TAP) + FY 2016 Regional Major Infrastructure (CMAQ) + FY 2013 HPP #2434 (2005) + 2013 IM (2010 Discretionary)+ FY 2013
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	TAP	\$ 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+ TAP) + FY 2016 Regional Major Infrastructure (CMAQ) + FY 2013 HPP #2434 (2005) + 2013 IM (2010 Discretionary)+ FY 2013
607731	Pioneer Valley	SPRINGFIELD- VIADUCT DECK REPLACEMENT OF S-24-061 ON I-91 (EARLY ACTION)	4	NHPP	\$ 149,006,250	\$ 119,205,000	\$ 29,801,250	
Statewide Regional Major Infrastructure Subtotal ►					\$ 173,272,584	\$ 138,618,067	\$ 34,654,517	◀ 80% Federal + 20% Non-Federal

#### ► Statewide - Other

FFY15ABP	Statewide	ACCELERATED BRIDGE PROGRAM- GANS DEBT SERVICE	Statewide	STP-BR-OFF	\$ 3,207,506	\$ 3,207,506	\$ -	Accelerated Bridge Program (ABP) GANS payments begin in FFY 2015.
FFY15ABP	Statewide	ACCELERATED BRIDGE PROGRAM- GANS DEBT SERVICE	Statewide	STP-TE	\$ 24,587,494	\$ 24,587,494	\$ -	Accelerated Bridge Program (ABP) GANS payments begin in FFY 2015.
FFY15ABP	Statewide	ACCELERATED BRIDGE PROGRAM- GANS DEBT SERVICE	Statewide	NHPP	\$ 3,000,000	\$ 3,000,000	\$ -	Accelerated Bridge Program (ABP) GANS payments begin in FFY 2015.
FFY15MSC	Statewide	DBES, FAPO, MISC PROGRAMS	Statewide	STP	\$ 1,000,000	\$ 800,000	\$ 200,000	
FFY15EWO	Statewide	AWARD ADJUSTMENTS, CHANGE ORDERS, ETC	Statewide	STP	\$ 42,292,125	\$ 33,833,700	\$ 8,458,425	
FFY15SPL	Statewide	PLANNING	Statewide	PL	\$ 31,000,000	\$ 24,800,000	\$ 6,200,000	
FFY15SRT	Statewide	RECREATIONAL TRAILS	Statewide	REC	\$ 1,000,000	\$ 800,000	\$ 200,000	
Statewide Other Subtotal ►					\$ 106,087,125	\$ 91,028,700	\$ 15,058,425	

#### ► Statewide - Railroad Crossings Program

FFY15RRC	Statewide	NO PROJECTS PROGRAMMED	Statewide	RRHE	\$ 500,000	\$ 400,000	\$ 100,000	
FFY15RRC	Statewide	NO PROJECTS PROGRAMMED	Statewide	RRPD	\$ 500,000	\$ 400,000	\$ 100,000	
Statewide RailRoad Crossings Subtotal ►					\$ 1,000,000	\$ 400,000	\$ 100,000	◀ 80% Federal + 20% Non-Federal

# 2016 Statewide Transportation Improvement Program

Draft FFY 2015-2018 STIP

## Infrastructure, Regional and Statewide

MassDOT Project ID ▼	MPO ▼	MassDOT Project Description ▼	MassDOT 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

#### ► Statewide Regional Major Infrastructure Program

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	\$ 4,832,356	\$ 3,865,885	\$ 966,471	AC YR 4 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
FFY16REG	Statewide	NO PROJECTS PROGRAMMED	Statewide	CMAQ	\$ 12,667,645	\$ 10,134,116	\$ 2,533,529	
FFY16REG	Statewide	NO PROJECTS PROGRAMMED	Statewide	NHPP	\$ 12,000,000	\$ 9,600,000	\$ 2,400,000	
607731	Pioneer Valley	SPRINGFIELD- VIADUCT DECK REPLACEMENT OF S-24-061 ON I-91 (EARLY ACTION)	Pioneer Valley	NHPP	\$ 71,993,750	\$ 57,595,000	\$ 14,398,750	
Statewide Regional Major Infrastructure Subtotal ►					\$ 101,493,751	\$ 81,195,001	\$ 20,298,750	◀ 80% Federal + 20% Non-Federal

#### ► Statewide - Other

FFY16ABP	Statewide	ACCELERATED BRIDGE PROGRAM- GANS DEBT SERVICE	Statewide	NHPP	\$ 51,753,864	\$ 51,753,864	\$ -	Accelerated Bridge Program (ABP) GANs payments begin in FFY 2015.
FFY16ABP	Statewide	ACCELERATED BRIDGE PROGRAM- GANS DEBT SERVICE	Statewide	STP-TE	\$ 14,350,000	\$ 14,350,000	\$ -	Accelerated Bridge Program (ABP) GANs payments begin in FFY 2015.
FFY16MSC	Statewide	DBES, FAPO, MISC PROGRAMS	Statewide	STP	\$ 1,000,000	\$ 800,000	\$ 200,000	
FFY16EWO	Statewide	AWARD ADJUSTMENTS, CHANGE ORDERS, ETC	Statewide	STP	\$ 43,775,586	\$ 35,020,469	\$ 8,755,117	
FFY16SPL	Statewide	PLANNING	Statewide	PL	\$ 31,000,000	\$ 24,800,000	\$ 6,200,000	
FFY16SRT	Statewide	RECREATIONAL TRAILS	Statewide	REC	\$ 1,000,000	\$ 800,000	\$ 200,000	
Statewide Other Subtotal ►					\$ 142,879,450	\$ 127,524,333	\$ 15,355,117	

#### ► Statewide - Railroad Crossings Program

FFY16RRC	Statewide	NO PROJECTS PROGRAMMED	Statewide	RRHE	\$ 500,000	\$ 400,000	\$ 100,000	
FFY16RRC	Statewide	NO PROJECTS PROGRAMMED	Statewide	RRPD	\$ 500,000	\$ 400,000	\$ 100,000	
Statewide RailRoad Crossings Subtotal ►					\$ 1,000,000	\$ 400,000	\$ 100,000	◀ 80% Federal + 20% Non-Federal

## Infrastructure, Regional and Statewide

MassDOT Project ID ▼	MPO ▼	MassDOT Project Description ▼	MassDOT 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

#### ► Statewide Regional Major Infrastructure Program

<b>FFY17REG</b>	Statewide	NO PROJECTS PROGRAMMED	Statewide	CMAQ	\$ 32,000,000	\$ 25,600,000	\$ 6,400,000	
<b>607731</b>	Pioneer Valley	SPRINGFIELD- VIADUCT DECK REPLACEMENT OF S-24-061 ON I-91 (EARLY ACTION)	Pioneer Valley	NHPP	\$ 9,000,000	\$ 7,200,000	\$ 1,800,000	
Statewide Regional Major Infrastructure Subtotal ►					\$ 41,000,000	\$ 32,800,000	\$ 6,400,000	◀ 80% Federal + 20% Non-Federal

#### ► Statewide - Other

<b>FFY17ABP</b>	Statewide	ACCELERATED BRIDGE PROGRAM- GANS DEBT SERVICE	Statewide	NHPP	\$ 90,571,614	\$ 90,571,614	\$ -	Accelerated Bridge Program (ABP) GANs payments begin in FFY 2015.
<b>FFY17ABP</b>	Statewide	ACCELERATED BRIDGE PROGRAM- GANS DEBT SERVICE	Statewide	STP-TE	\$ 14,350,000	\$ 14,350,000	\$ -	Accelerated Bridge Program (ABP) GANs payments begin in FFY 2015.
<b>FFY17MSC</b>	Statewide	DBES, FAPO, MISC PROGRAMS	Statewide	STP	\$ 1,000,000	\$ 800,000	\$ 200,000	
<b>FFY17EWO</b>	Statewide	AWARD ADJUSTMENTS, CHANGE ORDERS, ETC	Statewide	STP	\$ 39,412,500	\$ 31,530,000	\$ 7,882,500	
<b>FFY17SPL</b>	Statewide	PLANNING	Statewide	PL	\$ 32,250,000	\$ 25,800,000	\$ 6,450,000	
<b>FFY17SRT</b>	Statewide	RECREATIONAL TRAILS	Statewide	REC	\$ 1,000,000	\$ 800,000	\$ 200,000	
Statewide Other Subtotal ►					\$ 178,584,114	\$ 163,851,614	\$ 14,732,500	

#### ► Statewide - Railroad Crossings Program

<b>FFY17RRC</b>	Statewide	NO PROJECTS PROGRAMMED	Statewide	RRHE	\$ 2,500,000	\$ 2,000,000	\$ 500,000	
<b>FFY17RRC</b>	Statewide	NO PROJECTS PROGRAMMED	Statewide	RRPD	\$ 2,500,000	\$ 2,000,000	\$ 500,000	
Statewide RailRoad Crossings Subtotal ►					\$ 5,000,000	\$ 2,000,000	\$ 500,000	◀ 80% Federal + 20% Non-Federal

# 2018 Statewide Transportation Improvement Program

Draft FFY 2015-2018 STIP

## Infrastructure, Regional and Statewide

MassDOT Project ID ▼	MPO ▼	MassDOT Project Description ▼	MassDOT 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

#### ► Statewide Regional Major Infrastructure Program

FFY18REG	Statewide	NO PROJECTS PROGRAMMED	Statewide	NHPP	\$ 40,375,000	\$ 32,300,000	\$ 8,075,000	
FFY18REG	Statewide	NO PROJECTS PROGRAMMED	Statewide	CMAQ	\$ 625,000	\$ 500,000	\$ 125,000	
Statewide Regional Major Infrastructure Subtotal ►					\$ 41,000,000	\$ 32,800,000	\$ 8,075,000	◀ 80% Federal + 20% Non-Federal

#### ► Statewide - Other

FFY18ABP	Statewide	ACCELERATED BRIDGE PROGRAM- GANS DEBT SERVICE	Statewide	NHPP	\$ 106,236,614	\$ 106,236,614	\$ -	Accelerated Bridge Program (ABP) GANs payments begin in FFY 2015.
FFY18MSC	Statewide	DBES, FAPO, MISC PROGRAMS	Statewide	STP	\$ 1,000,000	\$ 800,000	\$ 200,000	
FFY18EWO	Statewide	AWARD ADJUSTMENTS, CHANGE ORDERS, ETC	Statewide	STP	\$ 38,625,000	\$ 30,900,000	\$ 7,725,000	
FFY18SPL	Statewide	PLANNING	Statewide	PL	\$ 31,000,000	\$ 24,800,000	\$ 6,200,000	
FFY18SRT	Statewide	RECREATIONAL TRAILS	Statewide	REC	\$ 1,000,000	\$ 800,000	\$ 200,000	
Statewide Other Subtotal ►					\$ 177,861,614	\$ 163,536,614	\$ 14,325,000	

#### ► Statewide - Railroad Crossings Program

FFY18RRC	Statewide	NO PROJECTS PROGRAMMED	Statewide	RRHE	\$ 500,000	\$ 400,000	\$ 100,000	
FFY18RRC	Statewide	NO PROJECTS PROGRAMMED	Statewide	RRPD	\$ 500,000	\$ 400,000	\$ 100,000	
Statewide RailRoad Crossings Subtotal ►					\$ 1,000,000	\$ 400,000	\$ 100,000	◀ 80% Federal + 20% Non-Federal



## Safe Routes to Schools, Transportation Alternatives and Enhancements

MassDOT Project ID ▼	MPO ▼	MassDOT Project Description ▼	MassDOT District ▼	Funding Source ▼	Total Programmed Funds ▼	Federal Funds ▼	Non-Federal Funds ▼	Additional Information ▼
<b>► Section 1D / Federal Aid Major &amp; State Category Projects</b>								
<b>► SRTS - Safe Routes to School Program</b>								
607920	Boston	MILTON - SAFE ROUTES TO SCHOOL (GLOVER ELEMENTARY)	6	TAP	\$ 725,000	\$ 580,000	\$ 145,000	
607892	Boston	SOMERVILLE - SAFE ROUTES TO SCHOOL (HEALEY)	4	TAP	\$ 700,000	\$ 560,000	\$ 140,000	
607776	Merrimack Valley	NORTH ANDOVER - SAFE ROUTES TO SCHOOL (NORTH ANDOVER MIDDLE)	4	TAP	\$ 1,086,000	\$ 868,800	\$ 217,200	
607716	SE Mass	MANSFIELD - SAFE ROUTES TO SCHOOL (JORDON/JACKSON ELEMENTARY)	5	TAP	\$ 900,000	\$ 720,000	\$ 180,000	
607453	Pioneer Valley	SOUTHAMPTON - SAFE ROUTES TO SCHOOL (NORRIS ELEMENTARY)	2	TAP	\$ 800,000	\$ 800,000	\$ -	
	Statewide	SRTS - Education		SRTS	\$ 863,268	\$ 863,268	\$ -	
	Statewide	SRTS - Planning & Design		SRTS	\$ 600,000	\$ 600,000	\$ -	
				SRTS Subtotal ►	\$ 5,674,268	\$ 4,992,068	\$ 682,200	◀ Funding Split Varies by Project Specifications
				Fed Aid Target	\$ 4,992,364			
				Difference	\$ (296)			
				Constrained?	Yes			
<b>► Statewide Transportation Enhancement Program</b>								
603730	Pioneer Valley	WEST SPRINGFIELD- CONNECTICUT RIVERWALK & BIKEWAY EXTENSION, FROM ELM STREET TO DOTY CIRCLE, INCLUDES PEDESTRIAN BRIDGE W-21-020	2	STP-TE	\$ 1,640,736	\$ 1,312,589	\$ 328,147	5.12 TEC Score 100% (\$1,640,736)
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	STP-TE	\$ 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 HPP #2434 (2005) + 2013 IM (2010 Discretionary)+ FY 2013
606503	Merrimack Valley	NEWBURYPORT- CLIPPER CITY RAIL TRAIL ALONG THE CITY BRANCH (PHASE II)	4	STP-TE	\$ 3,120,000	\$ 2,496,000	\$ 624,000	(Construction) TEC = 5.75 (C)
606434	Central Mass	WORCESTER- MAIN STREET BUSINESS DISTRICT STREETSCAPE IMPROVEMENTS	3	STP-TE	\$ 1,652,015	\$ 1,321,612		HPP funds of \$5,625,000 & Statewide TE of \$1,652,015 = \$6,977,015
606729	Southeastern Mass	TAUNTON- RECONSTRUCTION ON COUNTY STREET (ROUTE 140), FROM THE ROUTE 24 (SB OFF-RAMP) NORTHERLY TO MOZZONE BOULEVARD	5	STP-TE	\$ 843,066	\$ 674,453		STP funds of \$1,560,000 & Statewide TE of \$843,066 = \$2,403,066
604531	Boston	ACTON- MAYNARD- ASSABET RIVER RAIL TRAIL	3	STP-TE	\$ 533,104	\$ 426,483	\$ 106,621	\$4,000,000 SW CMAQ + \$533,104 statewide enhancements; <b>Programmed in FFY15 of the FFY14-17 TIP.</b> Also Assabet River Rail Trail is not part of the BSG itself, but connects to two BSG corridors: the Central Mass, and the Merrimack-Charles River. In addition, this rail trail connects to a path segment to the west that's already constructed (in Marlborough and Hudson), and to the east will connect to the S Acton MBTA commuter rail station, where we have already invested in both bicycle parking racks and lockers. <b>CIP has this project programmed in FY16 and 17 (\$2,530,067 and \$2,213,808)</b>
				Statewide TE Subtotal ►	\$ 8,247,255	\$ 6,597,804	\$ 1,043,814	◀ 80% Federal + 20% Non-Federal
				Fed Aid Target	\$ 6,708,565			

**Safe Routes to Schools, Transportation Alternatives and Enhancements**

MassDOT Project ID ▼	MPO ▼	MassDOT Project Description ▼	MassDOT District ▼	Funding Source ▼	Total Programmed Funds ▼	Federal Funds ▼	Non-Federal Funds ▼	Additional Information ▼
						Difference \$ (110,761)		
						Constrained? Yes		

## Safe Routes to Schools, Transportation Alternatives and Enhancements

MassDOT Project ID ▼	MPO ▼	MassDOT Project Description ▼	MassDOT 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

► SRTS - Safe Routes to School Program

1529	Boston	SAUGUS - SAFE ROUTES TO SCHOOL (VETERANS MEMORIAL)	4	TAP	\$ 676,000	\$ 540,800	\$ 135,200	YOE 4%
607242	Montachusett	FITCHBURG - SAFE ROUTES TO SCHOOL (SOUTH STREET ELEMENTARY)	3	TAP	\$ 884,000	\$ 707,200	\$ 176,800	YOE 4%
1595	Boston	EVERETT - SAFE ROUTES TO SCHOOL (MADELAINE ENGLISH)	4	TAP	\$ 624,000	\$ 499,200	\$ 124,800	YOE 4%
1596	Boston	REVERE - SAFE ROUTES TO SCHOOL (GARFIELD ELEMENTARY & MIDDLE SCHOOL)	4	TAP	\$ 936,000	\$ 748,800	\$ 187,200	YOE 4%
1594	Boston	BEDFORD - SAFE ROUTES TO SCHOOL (JOHN GLENN MIDDLE)	4	TAP	\$ 780,000	\$ 624,000	\$ 156,000	YOE 4%
N/A	Statewide	SRTS - Education		TAP	\$ 904,283	\$ 723,426	\$ 180,857	
N/A	Statewide	SRTS - Planning & Design and selected schools		TAP	\$ 800,000	\$ 640,000	\$ 160,000	
SRTS Subtotal ►					\$ 5,604,283	\$ 4,483,426	\$ 1,120,857	◀ Funding Split Varies by Project Specifications
					Fed Aid Target	\$ 4,651,829		
					Difference	\$ (168,403)		
					Constrained?	Yes		

► Statewide Transportation Enhancement Program

607254	Berkshire	NORTH ADAMS/ WILLIAMSTOWN - MOHAWK BIKE TRAIL PROJECT	1	STP-TE	\$ 4,906,138	\$ 3,924,910	\$ 981,228	Construction; YOE 4%
606891	Berkshire	PITTSFIELD- ASHUWILLTICOOK RAIL TRAIL EXTENSION	1	STP-TE	\$ 299,999	\$ 240,000	\$ 60,000	Construction; YOE 4%; \$300,000 STP-TE + \$1,802,630 CMAQ=\$2,102,630
Statewide TE Subtotal ►					\$ 5,206,137	\$ 4,164,910	\$ 981,228	◀ 80% Federal + 20% Non-Federal
					Fed Aid Target	\$ 4,355,954		
					Difference	\$ (191,044)		
					Constrained?	Yes		

## Safe Routes to Schools, Transportation Alternatives and Enhancements

MassDOT Project ID ▼	MPO ▼	MassDOT Project Description ▼	MassDOT District ▼	Funding Source ▼	Total Programmed Funds ▼	Federal Funds ▼	Non-Federal Funds ▼	Additional Information ▼
<b>► Section 1D / Federal Aid Major &amp; State Category Projects</b>								
<b>► SRTS - Safe Routes to School Program</b>								
	Southeastern	FALL RIVER - SAFE ROUTES TO SCHOOL (VIVEIROS ELEMENTARY)	5	TAP	\$ 788,400	\$ 630,720	\$ 157,680	YOE 8%
	Merrimack Valley	LAWRENCE - SAFE ROUTES TO SCHOOL (BRUCE ELEMENTARY)	4	TAP	\$ 756,000	\$ 604,800	\$ 151,200	YOE 8%
	Boston	WEYMOUTH - SAFE ROUTES TO SCHOOL (PINGREE ELEMENTARY)	6	TAP	\$ 648,000	\$ 518,400	\$ 129,600	YOE 8%
	Boston	WATERTOWN - SAFE ROUTES TO SCHOOL (HOSMER ELEMENTARY)	6	TAP	\$ 664,200	\$ 531,360	\$ 132,840	YOE 8%
<b>TBD</b>		SRTS Projects		TAP	\$ 1,600,000	\$ 1,280,000	\$ 320,000	Projects TBD
<b>N/A</b>	Statewide	SRTS - Education	Statewide	TAP	\$ 947,835	\$ 758,268	\$ 189,567	
<b>N/A</b>	Statewide	SRTS - Planning & Design and selected schools	Statewide	TAP	\$ 800,000	\$ 640,000	\$ 160,000	
				SRTS Subtotal ►	\$ 6,204,435	\$ 4,963,548	\$ 1,240,887	◀ Funding Split Varies by Project Specifications
				Fed Aid Target	\$ 5,000,000			
				Difference	\$ (36,452)			
				Constrained?	Yes			

## Safe Routes to Schools, Transportation Alternatives and Enhancements

MassDOT Project ID ▼	MPO ▼	MassDOT Project Description ▼	MassDOT 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

► SRTS - Safe Routes to School Program

TBD		SRTS Projects		TAP	\$ 4,300,000	\$ 3,440,000	\$ 860,000	Projects TBD
N/A	Statewide	SRTS - Education	Statewide	TAP	\$ 992,857	\$ 794,286	\$ 198,571	
N/A	Statewide	SRTS - Planning & Design and selected schools	Statewide	TAP	\$ 800,000	\$ 640,000	\$ 160,000	
				SRTS Subtotal ►	\$ 6,092,857	\$ 4,874,286	\$ 1,218,571	◀ Funding Split Varies by Project Specifications
				Fed Aid Target	\$ 5,000,000			
				Difference	\$ (125,714)			
				Constrained?		Yes		

# 2015 Statewide Transportation Improvement Program

Draft FFY 2015-2018 STIP

## Infrastructure, Regional and Statewide

MassDOT Project ID ▼	MPO ▼	MassDOT Project Description ▼	MassDOT 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

#### ► Statewide Infrastructure Program

607700	MAPC	DISTRICT 4- HIGHWAY LIGHTING BRANCH CIRCUIT RE-CABLING FROM SIX (6) LIGHTING LOAD CENTERS ALONG ROUTE I-95 (128) LEXINGTON-WOBURN	4	STP - Flex	\$ 2,500,000	\$ 2,000,000	\$ 500,000	
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Statewide Infrastructure Subtotal ►	\$ 2,500,000	\$ 2,000,000	\$ 500,000	◀ 80% Federal + 20% Non-Federal
	Fed Aid Target	\$ 2,000,000		
	Difference	\$ -		
	Constrained?	Yes		

## Infrastructure, Regional and Statewide

MassDOT Project ID ▼	MPO ▼	MassDOT Project Description ▼	MassDOT District ▼	Funding Source ▼	Total Programmed Funds ▼	Federal Funds ▼	Non-Federal Funds ▼	Additional Information ▼
<b>► Section 1D / Federal Aid Major &amp; State Category Projects</b>								
<b>► Statewide Infrastructure Program</b>								
603917	MAPC	MEDFORD- STONEHAM- WOBURN- READING- HIGHWAY LIGHTING REHABILITATION ON I-93 (PHASE II)	4	STP-Flex	\$ 15,000,000	\$ 12,000,000	\$ 3,000,000	AC Year 1 of 2. See also, FFY2017 = \$2,500,000. Total TFPC \$17,500,000.
605733	MAPC	DISTRICT 6- HIGHWAY LIGHTING SYSTEM REPLACEMENT ON I-93, FROM SOUTHAMPTON STREET TO NEPONSET AVENUE IN BOSTON	6	STP-Flex	\$ 2,500,000	\$ 2,000,000	\$ 500,000	AC Year 1 of 3. See also, FFY 2017 = \$4,500,000, FFY 2018 = \$1,000,000. TFPC = \$8,250,000
Statewide Infrastructure Subtotal ►					\$ 17,500,000	\$ 14,000,000	\$ 3,500,000	◀ 80% Federal + 20% Non-Federal
					Fed Aid Target	\$ 14,000,000		
					Difference	\$ -		
					Constrained?	Yes		

## Infrastructure, Regional and Statewide

MassDOT Project ID ▼	MPO ▼	MassDOT Project Description ▼	MassDOT 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

#### ► Statewide Infrastructure Program

603917	MAPC	MEDFORD- STONEHAM- WOBURN- READING- HIGHWAY LIGHTING REHABILITATION ON I-93 (PHASE II)	4	STP-Flex	\$ 2,500,000	\$ 2,000,000	\$ 500,000	AC Year 2 of 2. See also, FFY2016 = \$2,500,000 Total TFPCC \$17,500,000.
605733	MAPC	DISTRICT 6- HIGHWAY LIGHTING SYSTEM REPLACEMENT ON I-93, FROM SOUTHAMPTON STREET TO NEPONSET AVENUE IN BOSTON	6	STP-Flex	\$ 4,500,000	\$ 3,600,000	\$ 900,000	AC Year 2 of 3. See also, FFY 2016 = \$2,500,000, FFY 2018 = \$1,000,000. TFPCC = \$8,250,000

Statewide Infrastructure Subtotal ►	\$ 7,000,000	\$ 5,600,000	\$ 1,400,000	◀ 80% Federal + 20% Non-Federal
	Fed Aid Target	\$ 5,600,000		
	Difference	\$ -		
	Constrained?	Yes		



# 2018 Statewide Transportation Improvement Program

Draft FFY 2015-2018 STIP

## Infrastructure, Regional and Statewide

MassDOT Project ID ▼	MPO ▼	MassDOT Project Description ▼	MassDOT 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

#### ► Statewide Infrastructure Program

605733	MAPC	DISTRICT 6- HIGHWAY LIGHTING SYSTEM REPLACEMENT ON I-93, FROM SOUTHAMPTON STREET TO NEPONSET AVENUE IN BOSTON	6	STP-Flex	\$ 1,250,000	\$ 1,000,000	\$ 250,000	AC Year 3 of 3. See also, FFY2016 = \$2,500,000, FFY2017 = \$4,500,000. Total TFPC \$8,250,000.
606381	MAPC	ARLINGTON- BELMONT- HIGHWAY LIGHTING REPAIR & MAINTENANCE ON ROUTE 2	4	STP-Flex	\$ 5,750,000	\$ 4,600,000	\$ 1,150,000	

Statewide Infrastructure Subtotal ►	\$ 7,000,000	\$ 5,600,000	\$ 1,400,000	◀ 80% Federal + 20% Non-Federal
	Fed Aid Target \$	5,600,000		
	Difference \$	-		
	Constrained?	Yes		

## Federal Aid Bridge Program

MassDOT Project ID ▼	MPO ▼	MassDOT Project Description ▼	MassDOT District ▼	Funding Source ▼	Total Programmed Funds ▼	Federal Funds ▼	Non-Federal Funds ▼	Additional Information ▼
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### ► Section 1B / Federal Aid Bridge Projects

#### ► Off-System Bridges

607121	Berkshire	SAVOY- BRIDGE REPLACEMENT, S-06-004, RIVER ROAD OVER THE WESTFIELD RIVER	1	STP-BR-OFF	\$ 2,589,860	\$ 2,071,888	\$ 517,972	Year of Estimate 2014
604675	Central Mass	HOLDEN - BRIDGE REHABILITATION, H-18-020, RIVER STREET OVER QUINAPOXET RIVER	3	STP-BR-OFF	\$ 4,806,620	\$ 3,845,296	\$ 961,324	Year of Estimate 2014
607117	Franklin	HAWLEY - BRIDGE REPLACEMENT, H-13-003, SAVOY ROAD OVER THE CHICKLEY RIVER	1	STP-BR-OFF	\$ 2,692,422	\$ 2,153,938	\$ 538,484	Year of Estimate 2014
607114	Montachusett	LANCASTER - FULL BRIDGE REPLACEMENT, L-02-018, JACKSON ROAD OVER ROUTE 2.	3	STP-BR-OFF	\$ 3,432,000	\$ 2,745,600	\$ 686,400	AC Yr 2 of 2; Cost Est as of 4/23/13; Construction; Total Cost = \$7,576,608; Bridge Off System; \$4,144,608 programmed in FFY 2014
604838	Montachusett	WINCHENDON - BRIDGE REPLACEMENT, W-39-001, HARRIS ROAD OVER TARBELL BROOK	2	STP-BR-OFF	\$ 3,279,640	\$ 2,623,712	\$ 655,928	Year of Estimate 2014
607123	Northern Middlesex	CHELMSFORD-HUNT RD OVER I-495 (BR-OFF)	4	STP-BR-OFF	\$ 10,404,940	\$ 8,323,952	\$ 2,080,988	Year of Estimate 2014
604589	SE Mass	NORTON- BRIDGE REPLACEMENT, N-23-017, PLAIN STREET OVER THE CANOE RIVER	5	STP-BR-OFF	\$ 2,005,055	\$ 1,604,044	\$ 401,011	Year of Estimate 2014
606372	SE Mass	WAREHAM- BRIDGE REPLACEMENT, W-06-002, PAPER MILL ROAD OVER WEWEANTIC RIVER	5	STP-BR-OFF	\$ 2,039,319	\$ 1,631,455	\$ 407,864	Year of Estimate 2014
STP-BR-OFF Subtotal ►					\$ 31,249,856	\$ 24,999,885	\$ 6,249,971	◀ 80% Federal + 20% Non-Federal
					Fed Aid Target \$	25,000,000		
					Difference \$	(115)		

#### ► On System Bridges

605299	Berkshire	GREAT BARRINGTON- BRIDGE REPLACEMENT, G-11-005, SR 183 (PARK STREET) OVER HOUSATONIC RIVER	1	NHPP	\$ 5,904,802	\$ 4,723,842	\$ 1,180,960	
607273	Boston	FRANKLIN- BRIDGE DEMOLITION, F-08-005, OLD STATE ROUTE 140 OVER MBTA/CSX & NEW PEDESTRAIN BRIDGE CONSTRUCTION	3	NHPP	\$ 1,780,272	\$ 1,424,218	\$ 356,054	
605883	Boston	DEDHAM- BRIDGE REPLACEMENT, D-05-003 (33K), NEEDHAM STREET OVER GREAT DITCH	6	NHPP	\$ 3,029,032	\$ 2,423,226	\$ 605,806	
603008	Boston	WOBURN- BRIDGE REPLACEMENT, W-43-003, SALEM STREET OVER MBTA	4	NHPP	\$ 5,018,477	\$ 4,014,782	\$ 1,003,695	
607338	Boston	GLOUCESTER- BRIDGE PRESERVATION, G-05-017, ROUTE 128 OVER ANNISQUAM RIVER (PHASE II)	4	NHPP	\$ 5,506,585	\$ 4,405,268	\$ 1,101,317	AC Yr 2 of 2; Total Cost = \$13,956,585
604796	Boston	DEDHAM- BRIDGE REPLACEMENT, D-05-033, PROVIDENCE HIGHWAY OVER MOTHER BROOK	6	NHPP	\$ 1,192,805	\$ 954,244	\$ 238,561	AC Yr 2 of 2; Total Cost = \$7051805
600867	Boston	BOSTON- BRIDGE REPLACEMENT, B-16-237, MASSACHUSETTS AVENUE (ROUTE 2A) OVER COMMONWEALTH AVENUE	6	NHPP	\$ 1,600,000	\$ 1,280,000	\$ 320,000	AC Yr 1 of 3; Total Cost = \$15,100,000
600703	Boston	LEXINGTON- BRIDGE REPLACEMENT, L-10-009, ROUTE 2 (EB & WB) OVER ROUTE I-95 (ROUTE 128)	4	NHPP	\$ 14,886,555	\$ 11,909,244	\$ 2,977,311	AC Yr 3 of 4; Total Cost = \$35,108,000

**Federal Aid Bridge Program**

MassDOT Project ID ▼	MPO ▼	MassDOT Project Description ▼	MassDOT District ▼	Funding Source ▼	Total Programmed Funds ▼	Federal Funds ▼	Non-Federal Funds ▼	Additional Information ▼
605972	Central Mass	SOUTHBRIDGE - BRIDGE PRESERVATION, S-21-002, SR 131 (MAIN STREET) OVER QUINEBAUG RIVER	3	NHPP	\$ 4,168,395	\$ 3,334,716	\$ 833,679	
606551	Franklin	COLRAIN- BRIDGE REPLACEMENT, C-18-028, ST 112 (JACKSONVILLE ROAD) OVER EAST BRANCH OF NORTH RIVER	1	NHPP	\$ 10,604,205	\$ 8,483,364	\$ 2,120,841	Revised estimate 3/27/2014
604029	Martha's Vineyard	OAK BLUFFS / TISBURY - BRIDGE REPLACEMENT: BEACH ROAD OVER LAGOON POND DRAWBRIDGE	5	NHPP	\$ 7,000,000	\$ 5,600,000	\$ 1,400,000	AC Yr 3 of 5, Total Cost =
603682	Merrimack Valley	AMESBURY- BRIDGE REPLACEMENT, A-07-026, ROUTE I-495 (NB & SB) OVER THE BIKEWAY (ABANDONED B&M RR LINE)	4	NHPP	\$ 11,288,692	\$ 9,030,954	\$ 2,257,738	
602932	Northern Middlesex	LOWELL- BRIDGE REPLACEMENT, L-15-058, VFW HIGHWAY OVER BEAVER BROOK (BR-ON)	4	NHPP	\$ 14,017,076	\$ 11,213,661	\$ 2,803,415	Revised estimate 3/27/2014
606525	Southeastern Mass	ATTLEBORO- SUPERSTRUCTURE REPLACEMENT, A-16-053, I-95 (NB & SB) OVER NORTH AVENUE	5	NHPP	\$ 7,110,161	\$ 5,688,129	\$ 1,422,032	AC Yr 1 of 2; Total Cost = \$12,075,000
604537	Northern Middlesex	LOWELL-BRIDGE REPLACEMENT, L-15-045, MARKET STREET OVER THE WESTERN CANAL (BR-ON)	4	NHPP	\$ 3,792,941	\$ 3,034,353	\$ 758,588	
605223	SE Mass	FALL RIVER- INTERCHANGE IMPROVEMENTS AT ROUTE I-195/ROUTE 79/ROUTE 138	5	NHPP	\$ 6,600,000	\$ 5,280,000	\$ 1,320,000	This project was combined with 606354 for a total construction cost of \$270,626,756.
On System Bridge Subtotal ▶					\$ 103,499,998	\$ 82,799,999	\$ 20,700,000	◀ 80% Federal + 20% Non-Federal
					Fed Aid Target \$ 82,800,000			
					Difference \$ (1)			
Bridge Replacement Rehabilitation Program Subtotal ▶					\$ 134,749,854	\$ 107,799,883	\$ 26,949,971	◀ 80% Federal + 20% Non-Federal
					Fed Aid Target \$ 107,800,000			
					Difference \$ (117)			
					Constrained? Yes			

▶ **Bridge Preservation**

607510	Sandisfield	SANDISFIELD- SYSTEMATIC BRIDGE MAINTENANCE, S-03-033, ROUTE 8 (S. MAIN ST.) OVER W. BRANCH FARMINGTON RIVER (PHASE II)	1	NHPP	\$ 309,920	\$ 247,936	\$ 61,984	
607515	District 2	DISTRICT 2- SYSTEMATIC BRIDGE MAINTENANCE AT VARIOUS LOCATIONS (2015)	2	NHPP	\$ 1,849,536	\$ 1,479,629	\$ 369,907	
607505	District 4	SUB-STRUCTURE REPAIRS ON I-93 AND I-495 CORRIDOR BRIDGES IN DISTRICT 4	4	NHPP	\$ 2,469,792	\$ 1,975,834	\$ 493,958	
607509	District 5	BRIDGE CLEANING ALONG I-495, RTE. 25, RTE. 6 AND RTE. 28	5	NHPP	\$ 1,899,976	\$ 1,519,981	\$ 379,995	
607497	District 6	DISTRICT 6- SYSTEMATIC BRIDGE MAINTENANCE ON I-93/US-1/ST 3	6	NHPP	\$ 1,863,701	\$ 1,490,961	\$ 372,740	
607518	Worcester	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 (1XF) NORTHBOUND	3	NHPP	\$ 1,521,624	\$ 1,217,299	\$ 304,325	

## Federal Aid Bridge Program

MassDOT Project ID ▼	MPO ▼	MassDOT Project Description ▼	MassDOT District ▼	Funding Source ▼	Total Programmed Funds ▼	Federal Funds ▼	Non-Federal Funds ▼	Additional Information ▼
Bridge Preservation Program Subtotal ▶					\$ 9,914,549	\$ 7,931,639	\$ 1,982,910	◀ 80% Federal + 20% Non-Federal
					Fed Aid Target \$	8,000,000		
					Difference \$	(68,361)		
					Constrained?	Yes		
▶ Bridge Inspection								
	Statewide	Bridge Inspection	Statewide	NHPP	\$ 6,250,000	\$ 5,000,000	\$ 1,250,000	
					Fed Aid Target \$	5,000,000		
					Difference \$	-		
					Constrained?	Yes		
Section 1B - Federal Aid Bridge Projects Subtotal ▶					\$ 150,914,403	\$ 120,731,523	\$ 30,182,881	◀ 80% Federal + 20% Non-Federal
					Fed Aid Target \$	120,800,000		
					Difference \$	(68,477)		
					Constrained?	Yes		

**Federal Aid Bridge Program**

MassDOT Project ID ▼	MPO ▼	MassDOT Project Description ▼	MassDOT District ▼	Funding Source ▼	Total Programmed Funds ▼	Federal Funds ▼	Non-Federal Funds ▼	Additional Information ▼
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**Federal Aid Bridge Program**

MassDOT Project ID ▼	MPO ▼	MassDOT Project Description ▼	MassDOT District ▼	Funding Source ▼	Total Programmed Funds ▼	Federal Funds ▼	Non-Federal Funds ▼	Additional Information ▼
<b>► Section 1B / Federal Aid Bridge Projects</b>								
<b>► Off-System Bridges</b>								
605314	Berkshire	NEW MARLBOROUGH- BRIDGE REPLACEMENT, HADSELL ST ROAD OVER THE UMPACHENE RIVER	1	STP-BR-OFF	\$ 2,693,454	\$ 2,154,763	\$ 538,691	Year of Estimate 2014; Inflation = 4%
607116	Berkshire	FLORIDA- BRIDGE REPLACEMENT, F-05-002, SOUTH COUNTY ROAD OVER THE COLD RIVER	1	STP-BR-OFF	\$ 2,921,400	\$ 2,337,120	\$ 584,280	Year of Estimate 2014; Inflation = 4%
603778	Berkshire	LANESBOROUGH- BRIDGE REPLACEMENT, L-03-024, NARRAGANSETT AVENUE OVER PONTOOSUC LAKE	1	STP-BR-OFF	\$ 2,037,420	\$ 1,629,936	\$ 407,484	Year of Estimate 2014; Inflation = 4%
607345	Boston	COHASSET- SUPERSTRUCTURE REPLACEMENT & SUBSTRUCTURE REHABILITATION, C-17-002, ATLANTIC AVENUE OVER LITTLE HARBOR INLET	5	STP-BR-OFF	\$ 6,416,550	\$ 5,133,240	\$ 1,283,310	Year of Estimate 2014; Inflation = 4%
607113	Central Mass	DUDLEY - BRIDGE REPLACEMENT, D-12-009, CARPENTER ROAD OVER ABANDONED RR	3	STP-BR-OFF	\$ 2,305,800	\$ 1,844,640	\$ 461,160	Year of Estimate 2014; Inflation = 4%
604468	Central Mass	WEST BROOKFIELD - BRIDGE REPLACEMENT, W-19-008, WICKABOAG VALLEY ROAD OVER SUCKER BROOK	2	STP-BR-OFF	\$ 2,376,648	\$ 1,901,318	\$ 475,330	Year of Estimate 2014; Inflation = 4%
606303	Central Mass	RUTLAND - BRIDGE SUPERSTRUCTURE REPLACEMENT, R-14-004, INTERVALE ROAD OVER EAST BRANCH OF WARE RIVER	3	STP-BR-OFF	\$ 1,814,400	\$ 1,451,520	\$ 362,880	Year of Estimate 2014; Inflation = 4%
602320	Franklin	DEERFIELD- BRIDGE PRESERVATION, D-06-023, MCCLELLAN FARM ROAD OVER THE B&M RAILROAD	2	STP-BR-OFF	\$ 6,477,190	\$ 5,181,752	\$ 1,295,438	Year of Estimate 2014; Inflation = 4%
607118	Franklin	HEATH - BRIDGE REPLACEMENT, H-14-009, SADOGA ROAD OVER THE BURREINGTON BROOK	1	STP-BR-OFF	\$ 1,684,800	\$ 1,347,840	\$ 336,960	Year of Estimate 2014; Inflation = 4%
604626	Pioneer Valley	BELCHERTOWN- WARREN- BRIDGE DEMOLITION, B-05-023, W-07-012, OLD BOSTON POST ROAD (EAST MAIN STREET/NAULTAUG BROOK)	2	STP-BR-OFF	\$ 2,477,738	\$ 1,982,190	\$ 495,548	Year of Estimate 2014; Inflation = 4%
607537	SE Mass	FALL RIVER- BRIDGE WORK, AIRPORT ROAD OVER ROUTE 24	5	STP-BR-OFF	\$ 4,364,720	\$ 3,491,776	\$ 872,944	Year of Estimate 2014; Inflation = 4%
Off System Bridge Subtotal ►					\$ 35,570,120	\$ 28,456,096	\$ 7,114,024	◀ 80% Federal + 20% Non-Federal
					Fed Aid Target \$	28,456,838		
					Difference \$	(742)		
<b>► On System Bridges</b>								
604173	Boston	BOSTON- BRIDGE REHABILITATION, B-16-016, NORTH WASHINGTON STREET OVER THE CHARLES RIVER	6	NHPP	\$ 5,000,000	\$ 4,000,000	\$ 1,000,000	AC Yr 1 of 5; Total Cost = \$85,000,000 (\$53,035,161 programmed within FFYs 2015-18 TIP)
607685	Boston	BRAINTREE- BRIDGE REHABILITATION, B-21-060 AND B-21-061, ST 3 (SB) AND ST 3 (NB) OVER RAMP C (QUINCY ADAMS)	6	NHPP	\$ 6,668,480	\$ 5,334,784	\$ 1,333,696	Year of Estimate 2014; Inflation = 4%
606553	Boston	HANOVER- NORWELL- SUPERSTRUCTURE REPLACEMENT, H-06-010, ST 3 OVER ST 123 (WEBSTER STREET) & N-24-003, ST 3 OVER ST 123 (HIGH STREET)	6	NHPP	\$ 8,554,209	\$ 6,843,367	\$ 1,710,842	AC Yr 1 of 2: Total Cost = \$11,434,190

**Federal Aid Bridge Program**

MassDOT Project ID ▼	MPO ▼	MassDOT Project Description ▼	MassDOT District ▼	Funding Source ▼	Total Programmed Funds ▼	Federal Funds ▼	Non-Federal Funds ▼	Additional Information ▼
606525	Southeastern Mass	ATTLEBORO- SUPERSTRUCTURE REPLACEMENT, A-16-053, I-95 (NB & SB) OVER NORTH AVENUE	5	NHPP	\$ 4,964,839	\$ 3,971,871	\$ 992,968	AC Yr 2 of 2; Total Cost = \$12,075,000
600867	Boston	BOSTON- BRIDGE REHABILITATION, B-16-237, MASSACHUSETTS AVENUE (ROUTE 2A) OVER COMMONWEALTH AVENUE	6	NHPP	\$ 7,535,161	\$ 6,028,129	\$ 1,507,032	AC Yr 2 of 3; Total Cost = \$15,100,000
600703	Boston	LEXINGTON- BRIDGE REPLACEMENT, L-10-009, ROUTE 2 (EB & WB) OVER ROUTE I-95 (ROUTE 128)	4	NHPP	\$ 5,108,000	\$ 4,086,400	\$ 1,021,600	AC Yr 4 of 4; Total Cost = \$35,108,000
604029	Martha's Vineyard	OAK BLUFFS / TISBURY - BRIDGE REPLACEMENT: BEACH ROAD OVER LAGOON POND DRAWBRIDGE	5	NHPP	\$ 15,447,468	\$ 12,357,974	\$ 3,089,494	AC Yr 4 of 5:
605223	SE Mass	FALL RIVER- INTERCHANGE IMPROVEMENTS AT ROUTE I-195/ROUTE 79/ROUTE 138	5	NHPP	\$ 1,598,263	\$ 1,278,610	\$ 319,653	This project was combined with 606354 for a total construction cost of \$270,626,756.
On System Bridge Subtotal ▶					\$ 54,876,420	\$ 43,901,136	\$ 10,975,284	◀ 80% Federal + 20% Non-Federal
					Fed Aid Target \$	43,901,136		
					Difference \$	-		
Bridge Replacement Rehabilitation Program Subtotal ▶					\$ 90,446,540	\$ 72,357,232	\$ 18,089,308	◀ 80% Federal + 20% Non-Federal
					Fed Aid Target \$	72,357,974		
					Difference \$	(742)		
					Constrained?	Yes		
607511	Berkshire	DALTON- SYSTEMATIC BRIDGE MAINTENANCE, D-01-005, ROUTE 8 (MAIN ST.) OVER EAST BRANCH HOUSATONIC RIVER	1	NHPP	\$ 309,960	\$ 247,968	\$ 61,992	
607506	Northern Middlesex	CHELMSFORD - BRIDGE DECK REPLACEMENT BRIDGE NO. C-08-037 (2K7), ST 4 NORTH STREET OVER I-495	4	NHPP	\$ 2,469,917	\$ 1,975,933	\$ 493,983	
607513	District 5	BRIDGE CLEANING ALONG THE I-95 AND I-195 CORRIDOR	5	NHPP	\$ 1,899,989	\$ 1,519,991	\$ 379,998	
607498	District 6	DISTRICT 6- SYSTEMATIC BRIDGE MAINTENANCE ON SR 3 FOR (2016)	6	NHPP	\$ 1,882,958	\$ 1,506,367	\$ 376,592	
607516	District 2	DISTRICT 2- SYSTEMATIC BRIDGE MAINTENANCE AT VARIOUS LOCATIONS (2016)	2	NHPP	\$ 1,849,978	\$ 1,479,982	\$ 369,996	
607519	Central Mass	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)	3	NHPP	\$ 1,519,992	\$ 1,215,994	\$ 303,998	
Bridge Preservation Program Subtotal ▶					\$ 9,932,794	\$ 7,946,235	\$ 1,986,559	◀ 80% Federal + 20% Non-Federal
					Fed Aid Target \$	8,000,000		
					Difference \$	(53,765)		
					Constrained?	Yes		
<b>▶ Bridge Inspection</b>								
	Statewide	Bridge Inspection	Statewide	NHPP	\$ 6,250,000	\$ 5,000,000	\$ 1,250,000	
					Fed Aid Target \$	5,000,000		

**Federal Aid Bridge Program**

MassDOT Project ID ▼	MPO ▼	MassDOT Project Description ▼	MassDOT District ▼	Funding Source ▼	Total Programmed Funds ▼	Federal Funds ▼	Non-Federal Funds ▼	Additional Information ▼
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Difference \$ -  
 Constrained? Yes

**Section 1B - Federal Aid Bridge Projects Subtotal ▶** \$ 106,629,334 \$ 85,303,467 \$ 21,325,867 ◀ 80% Federal + 20% Non-Federal  
 Fed Aid Target \$ 85,357,974  
 Difference \$ (54,507)  
 Constrained? Yes



**Federal Aid Bridge Program**

MassDOT Project ID ▼	MPO ▼	MassDOT Project Description ▼	MassDOT District ▼	Funding Source ▼	Total Programmed Funds ▼	Federal Funds ▼	Non-Federal Funds ▼	Additional Information ▼
<b>► Section 1B / Federal Aid Bridge Projects</b>								
<b>► Off-System Bridges</b>								
607550	Berkshire	LEE- BRIDGE REPLACEMENT, CHAPEL ST OVER THE GREENWATER BROOK	1	STP-BR-OFF	\$ 2,053,000	\$ 1,642,400	\$ 410,600	Year of Estimate 2014; Inflation = 8%
607551	Berkshire	LEE- BRIDGE REPLACEMENT, VALLEY ST OVER THE HOUSATONIC RIVER	1	STP-BR-OFF	\$ 4,817,680	\$ 3,854,144	\$ 963,536	Year of Estimate 2014; Inflation = 8%
607135	Central Mass	WORCESTER - DECK REPLACEMENT AND PAINTING, W-44-083, HARRISON STREET OVER I-290	3	STP-BR-OFF	\$ 5,454,680	\$ 4,363,744	\$ 1,090,936	Year of Estimate 2014; Inflation = 8%
607548	Franklin	SHELBURNE - BRIDGE REPLACEMENT S-11-006, BARDWELL FERRY ROAD OVER DRAGON BROOK	1	STP-BR-OFF	\$ 2,371,600	\$ 1,897,280	\$ 474,320	Year of Estimate 2014; Inflation = 8%
607584	Franklin	COLRAIN - BRIDGE REPLACEMENT C-18-020, HEATH ROAD OVER WEST BRANCH NORTH RIVER	1	STP-BR-OFF	\$ 2,655,800	\$ 2,124,640	\$ 531,160	Year of Estimate 2014; Inflation = 8%
607527	Franklin	ORANGE - BRIDGE REPLACEMENT O-03-009, HOLTSHIRE ROAD OVER MILLERS RIVER	2	STP-BR-OFF	\$ 3,737,720	\$ 2,990,176	\$ 747,544	Year of Estimate 2014; Inflation = 8%
607127	Montachusett	HUBBARDSTON - BRIDGE REPLACEMENT, H-24-009, EVERGREEN ROAD OVER MASON BROOK	3	STP-BR-OFF	\$ 1,726,760	\$ 1,381,408	\$ 345,352	Year of Estimate 2014; Inflation = 8%
607529	Montachusett	WINCHENDON - BRIDGE REPAIR, N. ROYALSTON ROAD OVER WEST BRANCH OF MILLERS RIVER	2	STP-BR-OFF	\$ 2,624,440	\$ 2,099,552	\$ 524,888	Year of Estimate 2014; Inflation = 8%
607528	Pioneer Valley	AMHERST - BRIDGE MILL STREET OVER MILL RIVER	2	STP-BR-OFF	\$ 2,644,040	\$ 2,115,232	\$ 528,808	Year of Estimate 2014; Inflation = 8%
602564	SE Mass	CARVER- MIDDLEBOROUGH- BRIDGE REPLACEMENT, C-04-004=M-18-025, ROCHESTER ROAD OVER WEWEANTIC RIVER	5	NHPP	\$ 3,835,720	\$ 3,068,576	\$ 767,144	Year of Estimate 2014; Inflation = 8%
607549	Pioneer Valley	CHESTERFIELD - IRELAND STREET OVER WEST BRANCH OF WESTFIELD RIVER	1	STP-BR-OFF	\$ 3,649,520	\$ 2,919,616	\$ 729,904	Year of Estimate 2014; Inflation = 8%
Off-System Bridges Subtotal ►					\$ 35,570,960	\$ 28,456,768	\$ 7,114,192	◀ 80% Federal + 20% Non-Federal
					Fed Aid Target \$ 28,456,838			
					Difference \$ (70)			

## Federal Aid Bridge Program

MassDOT Project ID ▼	MPO ▼	MassDOT Project Description ▼	MassDOT District ▼	Funding Source ▼	Total Programmed Funds ▼	Federal Funds ▼	Non-Federal Funds ▼	Additional Information ▼
<b>► On System Bridges</b>								
604173	Boston	BOSTON- BRIDGE REHABILITATION, B-16-016, NORTH WASHINGTON STREET OVER THE CHARLES RIVER	6	NHPP	\$ 18,035,161	\$ 14,428,129	\$ 3,607,032	AC Yr 2 of 5; Total Cost = \$85,000,000 (\$53,035,161 programmed within FFYs 2015-18 TIP)
607671	Franklin	HEATH- BRIDGE REPLACEMENT, H-14-001, SR 8A (JACKSONVILLE STREET) OVER MILL BROOK	1	NHPP	\$ 1,901,880	\$ 1,521,504	\$ 380,376	Year of Estimate 2014; Inflation = 8%
607686	Berkshire	PITTSFIELD- BRIDGE REHABILITATION, P-10-032, US 20/US 7/SOUTH OVER WEST BRANCH OF THE HOUSATONIC RIVER	1	NHPP	\$ 2,678,130	\$ 2,142,504	\$ 535,626	Year of Estimate 2014; Inflation = 8%
605384	Pioneer Valley	AGAWAM- WEST SPRINGFIELD- BRIDGE RECONSTRUCTION, A-05-002=W-21-014, ROUTE 147 OVER THE WESTFIELD RIVER & INTERSECTION & SIGNAL IMPROVEMENTS @ 3 LOCATIONS	2	NHPP	\$ 14,757,120	\$ 11,805,696	\$ 2,951,424	Year of Estimate 2014; Inflation = 8%
605094	Montachusett	FITCHBURG- BRIDGE REPLACEMENT, F-04-003, STATE ROUTE 31 OVER PHILLIPS BROOK	3	NHPP	\$ 5,439,420	\$ 4,351,536	\$ 1,087,884	Year of Estimate 2014; Inflation = 8%
605328	Southeastern Mass	RAYNHAM- BRIDGE REPLACEMENT, R-02-013 (3PA), US 44 (CAPE HIGHWAY) OVER SR 24	5	NHPP	\$ 22,213,170	\$ 17,770,536	\$ 4,442,634	Year of Estimate 2014; Inflation = 8%
	Boston	DANVERS - BRIDGE REPLACEMENT, D-03-018, ROUTE 128 OVER WATERS RIVER	4	NHPP	\$ 8,949,150	\$ 7,159,320	\$ 1,789,830	Year of Estimate 2014; Inflation = 8%
606553	Boston	HANOVER- NORWELL- SUPERSTRUCTURE REPLACEMENT, H-06-010, ST 3 OVER ST 123 (WEBSTER STREET) & N-24-003, ST 3 OVER ST 123 (HIGH STREET)	6	NHPP	\$ 2,879,981	\$ 2,303,985	\$ 575,996	Year of Estimate 2014; Inflation = 8%
600867	Boston	BOSTON- BRIDGE REPLACEMENT, B-16-237, MASSACHUSETTS AVENUE (ROUTE 2A) OVER COMMONWEALTH AVENUE	6	NHPP	\$ 5,964,839	\$ 4,771,871	\$ 1,192,968	AC Yr 3 of 3; Total Cost = \$15,100,000
604952	Boston	LYNN- SAUGUS- BRIDGE REPLACEMENT, L-18-016=S-05-008, ROUTE 107 OVER THE SAUGUS RIVER (AKA - BELDEN G. BLY BRIDGE)	4	NHPP	\$ 4,150,000	\$ 3,320,000	\$ 830,000	AC Yr 1 of 4; Total Cost = \$45,000,000 (\$20,400,000 programmed within FFYs 2015-18 TIP)
604029	Martha's Vineyard	OAK BLUFFS / TISBURY - BRIDGE REPLACEMENT: BEACH ROAD OVER LAGOON POND DRAWBRIDGE	5	NHPP	\$ 1,632,532	\$ 1,306,026	\$ 326,506	AC YR 5 of 5
On-System Bridges Subtotal ►					\$ 88,601,383	\$ 70,881,106	\$ 17,720,277	◀ 80% Federal + 20% Non-Federal
					Fed Aid Target \$	70,881,548		
					Difference \$	(442)		
Bridge Replacement Rehabilitation Program Subtotal ►					\$ 124,172,343	\$ 99,337,874	\$ 24,834,469	◀ 80% Federal + 20% Non-Federal
					Fed Aid Target \$	99,338,386		
					Difference \$	(512)		
					Constrained?	Yes		
<b>► Bridge Preservation</b>								
607512	Berkshire	NORTH ADAMS- SYSTEMATIC BRIDGE MAINTENANCE, N-14-019, ROUTE 8A (HODGES CROSS RD.)OVER SOUTH BRANCH HOOSIC RIVER	1	NHPP	\$ 309,994	\$ 247,995	\$ 61,999	

**Federal Aid Bridge Program**

MassDOT Project ID ▼	MPO ▼	MassDOT Project Description ▼	MassDOT District ▼	Funding Source ▼	Total Programmed Funds ▼	Federal Funds ▼	Non-Federal Funds ▼	Additional Information ▼
607507	Boston	WAKEFIELD - BRIDGE DECK REPLACEMENT BRIDGE NO. W-01-021 (2MF), HOPKINS STREET OVER I-95 / ST 128	4	NHPP	\$ 2,469,936	\$ 1,975,949	\$ 493,987	
607514	District 5	BRIDGE CLEANING ALONG THE RTE. 24 AND RTE. 3 CORRIDORS	5	NHPP	\$ 1,899,990	\$ 1,519,992	\$ 379,998	
607499	District 6	DISTRICT 6- SYSTEMATIC BRIDGE MAINTENANCE ON SR 3	6	NHPP	\$ 1,874,880	\$ 1,499,904	\$ 374,976	
607517	District 2	DISTRICT 2- SYSTEMATIC BRIDGE MAINTENANCE AT VARIOUS LOCATIONS (2017)	2	NHPP	\$ 1,849,963	\$ 1,479,971	\$ 369,993	
606075	Central Mass	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	

Bridge Preservation Program Subtotal ► \$ 9,924,717 \$ 7,939,774 \$ 1,984,943 ◀ 80% Federal + 20% Non-Federal  
 Fed Aid Target \$ 8,000,000  
 Difference \$ (60,226)  
 Constrained? Yes

► **Bridge Inspection**

Statewide	Bridge Inspection	Statewide	NHPP	\$ 6,250,000	\$ 5,000,000	\$ 1,250,000	
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Fed Aid Target \$ 5,000,000  
 Difference \$ -  
 Constrained? Yes

**Section 1B - Federal Aid Bridge Projects Subtotal ►** \$ 140,347,060 \$ 112,277,648 \$ 28,069,412 ◀ 80% Federal + 20% Non-Federal  
 Fed Aid Target \$ 112,338,386  
 Difference \$ (60,738)  
 Constrained? Yes



**Federal Aid Bridge Program**

MassDOT Project ID ▼	MPO ▼	MassDOT Project Description ▼	MassDOT District ▼	Funding Source ▼	Total Programmed Funds ▼	Federal Funds ▼	Non-Federal Funds ▼	Additional Information ▼
<b>► On System Bridges</b>								
604173	Boston	BOSTON- BRIDGE REHABILITATION, B-16-016, NORTH WASHINGTON STREET OVER THE CHARLES RIVER	6	NHPP	\$ 30,000,000	\$ 24,000,000	\$ 6,000,000	AC Yr 2 of 5; Total Cost = \$85,000,000 (\$53,035,161 programmed within FFYs 2015-18 TIP)
604952	Boston	LYNN- SAUGUS- BRIDGE REPLACEMENT, L-18-016=S-05-008, ROUTE 107 OVER THE SAUGUS RIVER (AKA - BELDEN G. BLY BRIDGE)	4	NHPP	\$ 16,250,000	\$ 13,000,000	\$ 3,250,000	AC Yr 2 of 4; Total Cost = \$45,000,000 (\$20,400,000 programmed within FFYs 2015-18 TIP)
605306	Merrimack Valley	HAVERRHILL- SUBSTRUCTURE REPLACEMENT, H-12-039, I-495 (NB & SB) OVER MERRIMACK RIVER	4	NHPP	\$ 35,008,185	\$ 28,006,548	\$ 7,001,637	AC Yr 1 of 3; Total Cost = \$56,428,400 (\$35,008,185 programmed within FFY's 2015-18)
On-System Bridges Subtotal ►					\$ 81,258,185	\$ 65,006,548	\$ 16,251,637	◀ 80% Federal + 20% Non-Federal
					Fed Aid Target \$	65,006,548		
					Difference \$	(0)		
Bridge Replacement Rehabilitation Program Subtotal ►					\$ 116,829,233	\$ 93,463,386	\$ 23,365,847	◀ 80% Federal + 20% Non-Federal
					Fed Aid Target \$	93,463,386		
					Difference \$	(0)		
					Constrained?	Yes		
<b>► Bridge Preservation</b>								
607939		CUMMINGTON- BRIDGE MAINTENANCE, C-21-025, ROUTE 9 OVER THE WESTFIELD RIVER	1		\$ 300,000	\$ 240,000	\$ 60,000	Year of Estimate 2014; Inflation = 11.5%
607959		DISTRICT 2 - SYSTEMATIC BRIDGE MAINTENANCE AT VARIOUS LOCATIONS	2		\$ 1,624,800	\$ 1,299,840	\$ 324,960	Year of Estimate 2014; Inflation = 11.5%
607905		DISTRICT 3- BRIDGE MAINTENANCE AT VARIOUS LOCATIONS	3		\$ 1,350,000	\$ 1,080,000	\$ 270,000	Year of Estimate 2014; Inflation = 11.5%
607649		HAVERRHILL-WOBURN-BRIDGE STEEL PAINTING, H-12-057(2RR&2RT) & W043-035 (2ME)	4		\$ 2,160,000	\$ 1,728,000	\$ 432,000	Year of Estimate 2014; Inflation = 11.5%
607898		DISTRICT 5- BRIDGE CLEANING ALONG I-495, ROUTE 25, ROUTE 6 & ROUTE 28	5		\$ 1,700,000	\$ 1,360,000	\$ 340,000	Year of Estimate 2014; Inflation = 11.5%
607915		NEWTON- WELLESLEY- WESTON- BRIDGE MAINTENANCE OF N-12-063, N-12-054, N-12-055 & N-12-056 ON I-95/ROUTE 128	6		\$ 1,724,400	\$ 1,379,520	\$ 344,880	Year of Estimate 2014; Inflation = 11.5%
Bridge Preservation Program Subtotal ►					\$ 8,859,200	\$ 7,087,360	\$ 1,771,840	◀ 80% Federal + 20% Non-Federal
					Fed Aid Target \$	8,000,000		
					Difference \$	(912,640)		
					Constrained?	Yes		
<b>► Bridge Inspection</b>								
	Statewide	Bridge Inspection	Statewide	NHPP	\$ 6,250,000	\$ 5,000,000	\$ 1,250,000	
					Fed Aid Target \$	5,000,000		
					Difference \$	-		
					Constrained?	Yes		
<b>Section 1B - Federal Aid Bridge Projects Subtotal ►</b>					\$ 131,938,433	\$ 105,550,746	\$ 26,387,687	◀ 80% Federal + 20% Non-Federal
					Fed Aid Target \$	106,463,386		
					Difference \$	(912,640)		

**Federal Aid Bridge Program**

MassDOT Project ID ▼	MPO ▼	MassDOT Project Description ▼	MassDOT District ▼	Funding Source ▼	Total Programmed Funds ▼	Federal Funds ▼	Non-Federal Funds ▼	Additional Information ▼

Constrained? Yes

## Americans with Disabilities Act and Stormwater Programs

MassDOT Project ID ▼	MPO ▼	MassDOT Project Description ▼	MassDOT 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

#### ► Statewide Stormwater Program

606999	Statewide	STATEWIDE- STORMWATER RETROFITS AT VARIOUS LOCATIONS (IM/NHS)	Statewide	STP-TE	\$ 3,300,000	\$ 2,640,000	\$ 660,000	
607002	District 3	DISTRICT 3- STORMWATER RETROFITS AT VARIOUS LOCATIONS	3	STP-TE	\$ 1,500,000	\$ 1,200,000	\$ 300,000	
607003	District 4	DISTRICT 4- STORMWATER RETROFITS AT VARIOUS LOCATIONS	4	STP-TE	\$ 1,250,000	\$ 1,000,000	\$ 250,000	
606997	District 6	DISTRICT 6- STORMWATER RETROFITS AT VARIOUS LOCATIONS	6	STP-TE	\$ 1,200,000	\$ 960,000	\$ 240,000	
Statewide Stormwater Subtotal ►					\$ 7,250,000	\$ 5,800,000	\$ 1,450,000	◀ 80% Federal + 20% Non-Federal
					Fed Aid Target	\$ 5,800,000		
					Difference	\$ -		
					Constrained?	Yes		

#### ► Statewide ADA Retrofits Program

		No Projects Programmed		STP-TE	\$ -	\$ -	\$ -	
				STP-TE	\$ -	\$ -	\$ -	
Statewide ADA Subtotal ►					\$ -	\$ -	\$ -	◀ Funding Split Varies by Project Specifications
					Fed Aid Target	\$ -		
					Difference	\$ -		
					Constrained?	Yes		

## Americans with Disabilities Act and Stormwater Programs

MassDOT Project ID ▼	MPO ▼	MassDOT Project Description ▼	MassDOT 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

#### ► Statewide Stormwater Program

607004	Statewide	STATEWIDE- STORMWATER RETROFITS AT VARIOUS LOCATIONS (IM/NHS)	Statewide	STP-Flex	\$ 1,700,000	\$ 1,360,000	\$ 340,000	
607001	District 2	DISTRICT 2- STORMWATER RETROFITS AT VARIOUS LOCATIONS	2	STP-Flex	\$ 1,500,000	\$ 1,200,000	\$ 300,000	
606996	District 5	DISTRICT 5- STORMWATER RETROFITS AT VARIOUS LOCATIONS	5	STP-Flex	\$ 800,000	\$ 640,000	\$ 160,000	
606994	District 3	DISTRICT 3- STORMWATER RETROFITS AT VARIOUS LOCATIONS	6	STP-Flex	\$ 1,000,000	\$ 800,000	\$ 200,000	
Statewide Stormwater Subtotal ►					\$ 5,000,000	\$ 4,000,000	\$ 1,000,000	◀ 80% Federal + 20% Non-Federal
					Fed Aid Target \$	4,000,000		
					Difference \$	-		
					Constrained?	Yes		

#### ► Statewide ADA Retrofits Program

607035	District 1	DISTRICT 1- ADA RETROFITS AT VARIOUS LOCATIONS	1	STP-Flex	\$ 340,000	\$ 272,000	\$ 68,000	
607036	District 2	DISTRICT 2- ADA RETROFITS AT VARIOUS LOCATIONS	2	STP-Flex	\$ 740,000	\$ 592,000	\$ 148,000	
607038	District 3	DISTRICT 3- ADA RETROFITS AT VARIOUS LOCATIONS	3	STP-Flex	\$ 1,280,000	\$ 1,024,000	\$ 256,000	
607042	District 6	DISTRICT 6- ADA RETROFITS AT VARIOUS LOCATIONS	6	STP-Flex	\$ 1,640,000	\$ 1,312,000	\$ 328,000	
Statewide ADA Subtotal ►					\$ 4,000,000	\$ 3,200,000	\$ 800,000	◀ Funding Split Varies by Project Specifications
					Fed Aid Target \$	3,200,000		
					Difference \$	-		
					Constrained?	Yes		



## Americans with Disabilities Act and Stormwater Programs

MassDOT Project ID ▼	MPO ▼	MassDOT Project Description ▼	MassDOT 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

#### ► Statewide Stormwater Program

TBD	Statewide	STATEWIDE- STORMWATER RETROFITS AT VARIOUS LOCATIONS (IM/NHS)	Statewide	STP-Flex	\$ 1,800,000	\$ 1,440,000	\$ 360,000	
TBD	District 3	DISTRICT 3- STORMWATER RETROFITS AT VARIOUS LOCATIONS	1	STP-Flex	\$ 1,700,000	\$ 1,360,000	\$ 340,000	
606995	District 4	DISTRICT 4- STORMWATER RETROFITS AT VARIOUS LOCATIONS	2	STP-Flex	\$ 1,500,000	\$ 1,200,000	\$ 300,000	
Statewide Stormwater Subtotal ►					\$ 5,000,000	\$ 4,000,000	\$ 1,000,000	◀ 80% Federal + 20% Non-Federal
					Fed Aid Target \$	4,000,000		
					Difference \$	-		
					Constrained?	Yes		

#### ► Statewide ADA Retrofits Program

607039	District 4	DISTRICT 4- ADA RETROFITS AT VARIOUS LOCATIONS	4	STP-Flex	\$ 2,020,000	\$ 1,616,000	\$ 404,000	
607041	District 5	DISTRICT 5- ADA RETROFITS AT VARIOUS LOCATIONS	5	STP-Flex	\$ 1,989,000	\$ 1,591,200	\$ 397,800	
Statewide ADA Subtotal ►					\$ 4,009,000	\$ 3,207,200	\$ 801,800	◀ Funding Split Varies by Project Specifications
					Fed Aid Target \$	3,200,000		
					Difference \$	7,200		
					Constrained?	No		

## Americans with Disabilities Act and Stormwater Programs

MassDOT Project ID ▼	MPO ▼	MassDOT Project Description ▼	MassDOT 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

#### ► Statewide Stormwater Program

TBD	Statewide	STATEWIDE- STORMWATER RETROFITS AT VARIOUS LOCATIONS (IM/NHS)	Statewide	STP-Flex	\$ 2,000,000	\$ 1,600,000	\$ 400,000	
TBD	District 3	DISTRICT 3- STORMWATER RETROFITS AT VARIOUS LOCATIONS	1	STP-Flex	\$ 1,500,000	\$ 1,200,000	\$ 300,000	
TBD	District 4	DISTRICT 4- STORMWATER RETROFITS AT VARIOUS LOCATIONS	2	STP-Flex	\$ 1,500,000	\$ 1,200,000	\$ 300,000	
Statewide Stormwater Subtotal ►					\$ 5,000,000	\$ 4,000,000	\$ 1,000,000	◀ 80% Federal + 20% Non-Federal
					Fed Aid Target \$	4,000,000		
					Difference \$	-		
					Constrained?	Yes		

#### ► Statewide ADA Retrofits Program

607039	District 4	DISTRICT 4- ADA RETROFITS AT VARIOUS LOCATIONS	4	STP-Flex	\$ 2,020,000	\$ 1,616,000	\$ 404,000	
607041	District 5	DISTRICT 5- ADA RETROFITS AT VARIOUS LOCATIONS	5	STP-Flex	\$ 1,989,000	\$ 1,591,200	\$ 397,800	
Statewide ADA Subtotal ►					\$ 4,009,000	\$ 3,207,200	\$ 801,800	◀ Funding Split Varies by Project Specifications
					Fed Aid Target \$	3,200,000		
					Difference \$	7,200		
					Constrained?	No		

## Interstate Maintenance and National Highway System Preservation

MassDOT Project ID ▼	MPO ▼	MassDOT Project Description ▼	MassDOT 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

► IM - Interstate Maintenance

605588	Central Mass	WORCESTER - INTERSTATE MAINTENANCE & RELATED WORK ON I-190 (NB)	3	NHPP	\$ 14,910,480	\$ 13,419,432	\$ 1,491,048	
607181	Central Mass	NORTHBOROUGH-MARLBOROUGH - INTERSTATE MAINTENANCE & RELATED WORK ON I-290	3	NHPP	\$ 8,365,728	\$ 7,529,155	\$ 836,573	
606549	Merrimack Valley	GEORGETOWN- NEWBURY- WEST NEWBURY- NEWBURYPORT- AMESBURY- SALISBURY- INTERSTATE MAINTENANCE & RELATED WORK ON I-95	4	NHPP	\$ 21,240,000	\$ 19,116,000	\$ 2,124,000	
PENDING	Merrimack Valley	LAWRENCE - NORTH ANDOVER - INTERSTATE MAINTENANCE AND RELATED WORK ON I-495	4	NHPP	\$ 7,788,000	\$ 7,009,200	\$ 778,800	
IM Subtotal ►					\$ 52,304,208	\$ 47,073,787	\$ 5,230,421	◀ 90% Federal + 10% Non-Federal

► NHS - National Highway System

605887	Berkshire	SHEFFIELD - GREAT BARRINGTON - RESURFACING AND RELATED WORK ROUTE 7	1	NHPP	\$ 6,641,040	\$ 5,312,832	\$ 1,328,208	Construction; YOE 4%
606544	Berkshire	LENOX- PITTSFIELD RESURFACING AND RELATED WORK ROUTE 7	1	NHPP	\$ 3,422,162	\$ 2,737,730	\$ 684,432	Construction; YOE 4%
607174	Boston	CHELSEA- REVERE- RESURFACING & RELATED WORK ON ROUTE 1	4	NHPP	\$ 8,633,824	\$ 6,907,059	\$ 1,726,765	High Friction Surfacing & Signage - Safety Funding Additional
PENDING	Boston	BEVERLY - RESURFACING & RELATED WORK ON ROUTE 128	4	NHPP	\$ 5,805,600	\$ 4,644,480	\$ 1,161,120	
NHS Subtotal ►					\$ 24,502,626	\$ 19,602,101	\$ 4,900,525	◀ 80% Federal + 20% Non-Federal

Fiscal Constraint Analysis performed using Federal Funds amounts

IM + NHS	\$ 66,675,888
Fed Aid Target	\$ 66,689,500
Difference	\$ (13,612)
Constrained?	Yes

**Interstate Maintenance and National Highway System Preservation**

MassDOT Project ID ▼	MPO ▼	MassDOT Project Description ▼	MassDOT 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

► IM - Interstate Maintenance

606577	Pioneer Valley	HATFIELD- WHATELY- INTERSTATE MAINTENANCE & RELATED WORK ON I-91	2	NHPP	\$ 11,597,040	\$ 10,437,336	\$ 1,159,704	
607182	Pioneer Valley	GREENFIELD - BERNARDSTON - INTERSTATE MAINTENANCE & RELATED WORK ON I-91	2	NHPP	\$ 2,796,543	\$ 2,516,889	\$ 279,654	
605592	Central Mass	STURBRIDGE - HOLLAND- INTERSTATE MAINTENANCE & RELATED WORK ON I-84	3	NHPP	\$ 11,486,592	\$ 10,337,933	\$ 1,148,659	
606574	Merrimack Valley	ANDOVER- INTERSTATE MAINTENANCE & RELATED WORK ON ROUTE I-495	4	NHPP	\$ 10,514,650	\$ 9,463,185	\$ 1,051,465	
606176	Boston	FOXBOROUGH-PLAINVILLE-WRENTHAM -INTERSTATE MAINTENANCE AND RELATED WORK ON I-495	5	NHPP	\$ 14,692,038	\$ 13,222,834	\$ 1,469,204	
IM Subtotal ►					\$ 51,086,863	\$ 45,978,177	\$ 5,108,686	◀ 90% Federal + 10% Non-Federal

► NHS - National Highway System

607175		PLYMOUTH - RESURFACING AND RELATED WORK ON ROUTE 3	5	NHPP	\$ 11,331,965	\$ 9,065,572	\$ 2,266,393	
607176	Central Mass	SHREWSBURY - WESTBOROUGH RESURFACING AND RELATED WORK ON ROUTE 9	3	NHPP	\$ 11,859,906	\$ 9,487,925	\$ 2,371,981	
607473	Central Mass	SOUTHBOROUGH - RESURFACING AND RELATED WORK ON ROUTE 9	3	NHPP	\$ 3,504,883	\$ 2,803,906	\$ 700,977	
NHSP Subtotal ►					\$ 26,696,754	\$ 21,357,403	\$ 5,339,351	◀ 80% Federal + 20% Non-Federal

Fiscal Constraint Analysis performed using Federal Funds amounts

IM + NHS	\$ 67,335,580
Fed Aid Target	\$ 67,350,000
Difference	\$ (14,420)

## Interstate Maintenance and National Highway System Preservation

MassDOT Project ID ▼	MPO ▼	MassDOT Project Description ▼	MassDOT 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

► IM - Interstate Maintenance

607478		WHATELY - DEERFIELD - GREENFIELD - INTERSTATE RESURFACING & RELATED WORK ON I-91	2	NHPP	\$ 9,955,613	\$ 8,960,052	\$ 995,561	
607479	Central Mass	SHREWSBURY - BOYLSTON - NORTHBORO - INT. MAINT. & RELATED WORK ON I-290	3	NHPP	\$ 13,906,253	\$ 12,515,628	\$ 1,390,625	
606575	Montachusett	STERLING - LEOMINSTER - LANCASTER - INTERSTATE RESURFACING AND RELATED WORK ON I-190	3	NHPP	\$ 17,097,350	\$ 15,387,615	\$ 1,709,735	
607481	Boston	RANDOLPH-QUINCY-BRAINTREE - INTERSTATE RESURFACING & RELATED WORK ON I-93		NHPP	\$ 12,055,824	\$ 10,850,242	\$ 1,205,582	
IM Subtotal ►					\$ 53,015,040	\$ 47,713,536	\$ 5,301,504	◀ 90% Federal + 10% Non-Federal

► NHS - National Highway System

607475	Montachusett	WINCHENDON - RESURFACING & RELATED WORK ON ROUTE 12	2	NHPP	\$ 1,951,425	\$ 1,561,140	\$ 390,285	
607474	Pioneer Valley	GRANBY / SOUTH HADLEY - RESURFACING AND RELATED WORK ON ROUTE 202	2	NHPP	\$ 1,712,794	\$ 1,370,235	\$ 342,559	
607477	Boston	LYNNFIELD- PEABODY - RESURFACING AND RELATED WORK ON ROUTE 1	4	NHPP	\$ 6,490,417	\$ 5,192,334	\$ 1,298,083	
606179	Cape Cod	DENNIS - HARWICH - BREWSTER - ORLEANS - RESURFACING AND RELATED WORK ON RTE. 6	5	NHPP	\$ 8,493,876	\$ 6,795,101	\$ 1,698,775	
607476	Merrimack Valley	METHUEN-RESURFACING AND RELATED WORK ON ROUTE 213	4	NHPP	\$ 6,266,148	\$ 5,012,918	\$ 1,253,230	
NHS Subtotal ►					\$ 24,914,660	\$ 19,931,728	\$ 4,982,932	◀ 80% Federal + 20% Non-Federal

Fiscal Constraint Analysis performed using Federal Funds amounts

IM + NHS \$ 67,645,264  
 Fed Aid Target \$ 67,650,000

## Interstate Maintenance and National Highway System Preservation

MassDOT Project ID ▼	MPO ▼	MassDOT Project Description ▼	MassDOT 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

► IM - Interstate Maintenance

607560	Pioneer Valley	CHICOPEE - HOLYOKE - INTERSTATE MAINTENANCE & RELATED WORK ON I-391	2	NHPP	\$ 10,911,130	\$ 9,820,017	\$ 1,091,113	
607561	Merrimack Valley	ANDOVER - METHUEN- INTERSTATE MAINTENANCE & RELATED WORK ON I-91	4	NHPP	\$ 10,942,848	\$ 9,848,563	\$ 1,094,285	
607562	Central Mass	WEBSTER - OXFORD -INTERSTATE MAINTENANCE, RESURFACING AND RELATED WORK ON I-391		NHPP	\$ 8,028,720	\$ 7,225,848	\$ 802,872	Total project cost estimate \$12,489,120
607563		WAREHAM - ROCHESTER - MIDDLEBORO - INTERSTATE MAINTENANCE & RELATED WORK ON I-495	5	NHPP	\$ 12,743,938	\$ 11,469,544	\$ 1,274,394	25/75% (\$13,334,000)
606546	Boston	FRANKLIN - INTERSTATE MAINTENANCE & RELATED WORK ON I-495		NHPP	\$ 6,280,243	\$ 5,652,219	\$ 628,024	25/75% (\$13,334,000)
607566		SEEKONK - REHOBOTH - INTERSTATE MAINTENANCE & RELATED WORK ON I-495	5	NHPP	\$ 10,001,869	\$ 9,001,682	\$ 1,000,187	25/75% (\$13,334,000)
IM Subtotal ►					\$ 58,908,748	\$ 53,017,873	\$ 5,890,875	◀ 90% Federal + 10% Non-Federal

► NHS - National Highway System

PENDING	Boston	SAUGUS - RESURFACING AND RELATED WORK ON ROUTE 1	4	NHPP	\$ 10,620,378	\$ 8,496,302	\$ 2,124,076	CONSTRUCTION Total cost \$8,417,977 (\$7,787,520 NHPP + \$630,457 HISP)
PENDING	Boston	MARSHFIELD - PLYMOUTH - RESURFACING & RELATED WORK ON ROUTE 3	5	NHPP	\$ 16,229,512	\$ 12,983,610	\$ 3,245,902	
PENDING	Boston	MARSHFIELD - RESURFACING & RELATED WORK ON ROUTE 3	5	NHPP	\$ 4,398,285	\$ 3,518,628	\$ 879,657	
NHS Subtotal ►					\$ 31,248,175	\$ 24,998,540	\$ 6,249,635	◀ 80% Federal + 20% Non-Federal

Fiscal Constraint Analysis performed using Federal Funds amounts

IM + NHS	\$ 78,016,413
Fed Aid Target	\$ 78,020,000
Difference	\$ (3,587)
Constrained?	Yes

# 2015 Statewide Transportation Improvement Program

Draft FFY 2015-2018 STIP

## Intelligent Transportation Systems

MassDOT Project ID ▼	MPO ▼	MassDOT Project Description ▼	MassDOT 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

#### ► Statewide Intelligent Transportation Systems

607422	Statewide	Statewide- Real Time Traffic Monitoring (RTTM) System (AC Year 2 of 2)	Statewide	CMAQ	\$ 2,500,000	\$ 2,000,000	\$ 500,000	
607424	Statewide	Statewide- ITS Advanced Transportation Management System (ATMS) software (AC Year 1 of 2)	Statewide	CMAQ	\$ 500,000	\$ 400,000	\$ 100,000	
606432	Statewide	I-95 ITS Fiber-Optic expansion - Burlington to Woburn	Statewide	CMAQ	\$ 5,000,000	\$ 4,000,000	\$ 1,000,000	
606927	Statewide	VMS Replacement	Statewide	CMAQ	\$ 500,000	\$ 400,000	\$ 100,000	

Statewide ITS Capital Subtotal ► \$ 8,500,000  
 Fed Aid Target \$ 6,800,000  
 Difference \$ -  
 Constrained? Yes

606930	Statewide	HOV Lane Tow Truck Services for 2 years (Year 1)	6	STP	\$ 228,800	\$ 183,040	\$ 45,760	AC Year 1 of 2
606931	Statewide	HOV lane BTV Operator Contract, 2 year contract (year 1)	6	STP	\$ 228,800	\$ 183,040	\$ 45,760	AC Year 1 of 2
606932	Statewide	HOV Operating Expenses for two years (year 1)	6	STP	\$ 228,800	\$ 183,040	\$ 45,760	AC Year 1 of 2
606916	Statewide	HOC Operating and Maintenance Expenses	Statewide	STP	\$ 1,013,600	\$ 810,880	\$ 202,720	AC Year 1 of 2
606939	Statewide	Highway Assistance Patrols - area 1 - year 1	Statewide	STP	\$ 500,000	\$ 400,000	\$ 100,000	AC Year 1 of 3
606940	Statewide	Highway Assistance Patrols - area 2 - year 1	Statewide	STP	\$ 500,000	\$ 400,000	\$ 100,000	AC Year 1 of 3
606941	Statewide	Highway Assistance Patrols - area 3 - year 1	Statewide	STP	\$ 500,000	\$ 400,000	\$ 100,000	AC Year 1 of 3
606942	Statewide	Highway Assistance Patrols - area 4 - year 1	Statewide	STP	\$ 500,000	\$ 400,000	\$ 100,000	AC Year 1 of 3
606943	Statewide	Highway Assistance Patrols - area 5 - year 1	Statewide	STP	\$ 500,000	\$ 400,000	\$ 100,000	AC Year 1 of 3
606944	Statewide	Highway Assistance Patrols - area 6 - year 1	Statewide	STP	\$ 100,000	\$ 80,000	\$ 20,000	AC Year 1 of 3

Statewide ITS and HOC/HOV Operations Subtotal ► \$ 4,300,000  
 Fed Aid Target \$ 3,440,000  
 Difference \$ -  
 Constrained? Yes

1013744

Statewide ITS Subtotal ► \$ 12,800,000 \$ 10,240,000 \$ 2,560,000

# 2016 Statewide Transportation Improvement Program

Draft FFY 2015-2018 STIP

## Intelligent Transportation Systems

MassDOT Project ID ▼	MPO ▼	MassDOT Project Description ▼	MassDOT District ▼	Funding Source ▼	Programmed Funds	Total Programmed Funds with 4% adjustment for inflation ▼	Federal Funds ▼	Non-Federal Funds ▼	Additional Information ▼
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### ► Section 1D / Federal Aid Major & State Category Projects

#### ► Statewide Intelligent Transportation Systems

607483	Statewide	Route 24 ITS - Randolph to Fall River	Statewide	CMAQ	\$5,769,230.77	\$ 6,000,000	\$ 4,800,000	\$ 1,200,000	
607484	Statewide	I-290 ITS - I-495 to I-90	Statewide	CMAQ	\$336,538.46	\$ 3,500,000	\$ 2,800,000	\$ 700,000	
Statewide ITS Capital Subtotal ►					\$6,105,769.23	\$ 9,500,000	\$ 7,600,000	\$ 1,900,000	◀ 80% Federal + 20% Non-Federal
						Fed Aid Target	\$ 7,600,000		
						Difference	\$ -		
						Constrained?	Yes		
606930	Statewide	HOV Lane Tow Truck Services for 2 years (Year 2)	6	STP	\$336,538.46	\$ 350,000	\$ 280,000	\$ 70,000	AC Year 2 of 2
606931	Statewide	HOV lane BTV Operator Contract, 2 year contract (year 2)	6	STP	\$769,230.77	\$ 800,000	\$ 640,000	\$ 160,000	AC Year 2 of 2
606932	Statewide	HOV Operating Expenses for two years (year 2)	6	STP	\$192,307.69	\$ 200,000	\$ 160,000	\$ 40,000	AC Year 2 of 2
606916	Statewide	HOC Operating and Maintenance Expenses	Statewide	STP	\$9,615.38	\$ 10,000	\$ 8,000	\$ 2,000	AC Year 2 of 2
606939	Statewide	Highway Assistance Patrols - area 1 - year 2	Statewide	STP	\$423,076.92	\$ 440,000	\$ 352,000	\$ 88,000	AC Year 2 of 3
606940	Statewide	Highway Assistance Patrols - area 2 - year 2	Statewide	STP	\$432,692.31	\$ 450,000	\$ 360,000	\$ 90,000	AC Year 2 of 3
606941	Statewide	Highway Assistance Patrols - area 3 - year 2	Statewide	STP	\$432,692.31	\$ 450,000	\$ 360,000	\$ 90,000	AC Year 2 of 3
606942	Statewide	Highway Assistance Patrols - area 4 - year 2	Statewide	STP	\$384,615.38	\$ 400,000	\$ 320,000	\$ 80,000	AC Year 2 of 3
606943	Statewide	Highway Assistance Patrols - area 5 - year 2	Statewide	STP	\$384,615.38	\$ 400,000	\$ 320,000	\$ 80,000	AC Year 2 of 3
606944	Statewide	Highway Assistance Patrols - area 6 - year 2	Statewide	STP	\$96,153.85	\$ 100,000	\$ 80,000	\$ 20,000	AC Year 2 of 3
Statewide ITS and HOC/HOV Operations Subtotal ►					\$3,461,538.46	\$ 3,600,000	\$ 2,880,000	\$ 720,000	◀ 80% Federal + 20% Non-Federal
						Fed Aid Target	\$ 2,880,000		
						Difference	\$ -		
						Constrained?	Yes		
Statewide ITS Subtotal ►						\$ 13,100,000	\$ 10,480,000	\$ 2,620,000	



# 2017 Statewide Transportation Improvement Program

Draft FFY 2015-2018 STIP

## Intelligent Transportation Systems

MassDOT Project ID ▼	MPO ▼	MassDOT Project Description ▼	MassDOT District ▼	Funding Source ▼	Total Programmed Funds ▼	Total Programmed Funds with 8% adjustment for inflation ▼	Federal Funds ▼	Non-Federal Funds ▼	Additional Information ▼
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### ► Section 1D / Federal Aid Major & State Category Projects

#### ► Statewide Intelligent Transportation Systems

607482	Statewide	I-93 ITS - Woburn to Methuen	Statewide	CMAQ	\$3,703,703.70	\$ 4,000,000	\$ 3,200,000	\$ 800,000	
606936	Statewide	I-95 ITS - Exit 42 to Salisbury	Statewide	CMAQ	\$5,092,592.59	\$ 5,500,000	\$ 4,400,000	\$ 1,100,000	

Statewide ITS Capital Subtotal ► \$8,796,296.30 \$ 9,500,000 \$ 7,600,000 \$ 1,900,000 ◀ 80% Federal + 20% Non-Federal  
 Fed Aid Target \$ 7,600,000  
 Difference \$ -  
 Constrained? Yes

	Statewide	HOV Lane Tow Truck Services for 2 years (Year 1)	6	STP	\$324,074.07	\$ 350,000	\$ 280,000	\$ 70,000	AC Year 1 of 2
	Statewide	HOV lane BTV Operator Contract, 2 year contract (year 1)	6	STP	\$740,740.74	\$ 800,000	\$ 640,000	\$ 160,000	AC Year 1 of 2
	Statewide	HOV Operating Expenses for two years (year 1)	6	STP	\$555,555.56	\$ 600,000	\$ 480,000	\$ 120,000	AC Year 1 of 2
	Statewide	HOC Operating and Maintenance Expenses	Statewide	STP	\$1,319,444.44	\$ 1,425,000	\$ 1,140,000	\$ 285,000	AC Year 1 of 2
606939	Statewide	Highway Assistance Patrols - area 1 - year 1	Statewide	STP	\$1,111,111.11	\$ 1,200,000	\$ 960,000	\$ 240,000	AC Year 3 of 3
606940	Statewide	Highway Assistance Patrols - area 2 - year 1	Statewide	STP	\$1,111,111.11	\$ 1,200,000	\$ 960,000	\$ 240,000	AC Year 3 of 3
606941	Statewide	Highway Assistance Patrols - area 3 - year 1	Statewide	STP	\$1,111,111.11	\$ 1,200,000	\$ 960,000	\$ 240,000	AC Year 3 of 3
606942	Statewide	Highway Assistance Patrols - area 4 - year 1	Statewide	STP	\$740,740.74	\$ 800,000	\$ 640,000	\$ 160,000	AC Year 3 of 3
606943	Statewide	Highway Assistance Patrols - area 5 - year 1	Statewide	STP	\$694,444.44	\$ 750,000	\$ 600,000	\$ 150,000	AC Year 3 of 3
606944	Statewide	Highway Assistance Patrols - area 6 - year 1	Statewide	STP	\$162,037.04	\$ 175,000	\$ 140,000	\$ 35,000	AC Year 3 of 3

Statewide ITS and HOC/HOV Operations Subtotal ► \$7,870,370.37 \$ 8,500,000 \$ 6,800,000 \$ 1,700,000 ◀ 80% Federal + 20% Non-Federal  
 Fed Aid Target \$ 6,800,000  
 Difference \$ -  
 Constrained? Yes

Statewide ITS Subtotal ► \$ 18,000,000 \$ 14,400,000 \$ 3,600,000

# 2018 Statewide Transportation Improvement Program

Draft FFY 2015-2018 STIP

## Intelligent Transportation Systems

MassDOT Project ID ▼	MPO ▼	MassDOT Project Description ▼	MassDOT District ▼	Funding Source ▼	Total Programmed Funds ▼	Total Programmed Funds with 12% adjustment for inflation ▼	Federal Funds ▼	Non-Federal Funds ▼	Additional Information ▼
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### ► Section 1D / Federal Aid Major & State Category Projects

#### ► Statewide Intelligent Transportation Systems

607486	Statewide	Statewide- ITS Highway Operations Center (HOC) Infrastructure Improvements	Statewide	CMAQ	\$1,500,000.00	\$ 1,680,000	\$ 1,344,000	\$ 336,000	
607487	Statewide	Statewide- ITS ATMS Software & Hardware Systems Integration	Statewide	CMAQ	\$2,000,000.00	\$ 2,240,000	\$ 1,792,000	\$ 448,000	
606938	Statewide	Statewide- Expansion of CCTV, VMS & Traffic Sensor Network	Statewide	CMAQ	\$5,428,570.54	\$ 6,079,999	\$ 4,863,999	\$ 1,216,000	
Statewide ITS Capital Subtotal ►					\$8,928,570.54	\$ 9,999,999	\$ 7,999,999	\$ 2,000,000	
							Fed Aid Target \$	8,000,000	
							Difference \$	(1)	◀ 80% Federal + 20% Non-Federal
							Constrained?	Yes	
	Statewide	HOV Lane Tow Truck Services for 2 years (Year 2)	6	STP	\$312,500.00	\$ 350,000	\$ 280,000	\$ 70,000	
	Statewide	HOV lane BTV Operator Contract, 2 year contract (year 2)	6	STP	\$714,285.71	\$ 800,000	\$ 640,000	\$ 160,000	
	Statewide	HOV Operating Expenses for two years (year 2)	6	STP	\$357,142.86	\$ 400,000	\$ 320,000	\$ 80,000	AC Year 2 of 2
	Statewide	HOC Operating and Maintenance Expenses	Statewide	STP	\$982,142.86	\$ 1,100,000	\$ 880,000	\$ 220,000	AC Year 2 of 2
606939	Statewide	Highway Assistance Patrols - area 1 - year 2	Statewide	STP	\$401,785.71	\$ 450,000	\$ 360,000	\$ 90,000	AC Year 2 of 2
606940	Statewide	Highway Assistance Patrols - area 2 - year 2	Statewide	STP	\$401,785.71	\$ 450,000	\$ 360,000	\$ 90,000	AC year 2 of 2
606941	Statewide	Highway Assistance Patrols - area 3 - year 2	Statewide	STP	\$401,785.71	\$ 450,000	\$ 360,000	\$ 90,000	AC Year 2 of 3
606942	Statewide	Highway Assistance Patrols - area 4 - year 2	Statewide	STP	\$357,142.86	\$ 400,000	\$ 320,000	\$ 80,000	AC Year 2 of 3
606943	Statewide	Highway Assistance Patrols - area 5 - year 2	Statewide	STP	\$357,142.86	\$ 400,000	\$ 320,000	\$ 80,000	AC Year 2 of 3
606944	Statewide	Highway Assistance Patrols - area 6 - year 2	Statewide	STP	\$89,285.71	\$ 100,000	\$ 80,000	\$ 20,000	AC Year 2 of 3
Statewide ITS and HOC/HOV Operations Subtotal ►					\$4,375,000.00	\$ 4,900,000	\$ 3,920,000	\$ 980,000	AC Year 2 of 3
							Fed Aid Target \$	3,920,000	AC Year 2 of 3
							Difference \$	-	◀ 80% Federal + 20% Non-Federal
							Constrained?	Yes	
Statewide ITS Subtotal ►						\$ 14,899,999	\$ 11,919,999	\$ 2,980,000	

## Congestion Mitigation and Air Quality Program

MassDOT Project ID ▼	MPO ▼	MassDOT Project Description ▼	MassDOT District ▼	Funding Source ▼	Total Programmed Funds ▼	Federal Funds ▼	Non-Federal Funds ▼	Additional Information ▼
<b>► Section 1D / Federal Aid Major &amp; State Category Projects</b>								
<b>► Statewide Congestion Mitigation and Air Quality Program</b>								
	Statewide	MassRides -- Travel Options Program	Statewide	CMAQ	\$ 2,689,512	\$ 2,151,610	\$ 537,902	<b>Programmed in FFY15 of the FFY14-17 STIP.</b>
	Statewide	Vanpools	Statewide	CMAQ	\$ 562,000	\$ 449,600	\$ 112,400	<b>Programmed in FFY15 of the FFY14-17 STIP.</b>
604531	Boston	ACTON- MAYNARD- ASSABET RIVER RAIL TRAIL	3	CMAQ	\$ 4,042,873	\$ 3,234,298	\$ 808,575	<b>Programmed in FFY15 of the FFY14-17 TIP.</b> \$4,000,000 SWCMAQ + \$533,104 statewide enhancements; TFPC at \$4,533,104. Assabet River Rail Trail is not part of the BSG itself, but connects to two BSG corridors: the Central Mass, and the Merrimack-Charles River. In addition, this rail trail connects to a path segment to the west that's already constructed (in Marlborough and Hudson), and to the east will connect to the S Acton MBTA commuter rail station, where we have already invested in both bicycle parking racks and lockers.
605066	Pioneer Valley	NORTHAMPTON- INTERSECTION IMPROVEMENTS AT ROUTE 5 (PLEASANT STREET) AND CONZ STREET - ROUNDABOUT	2	CMAQ	\$ 1,592,248	\$ 1,273,798	\$ 318,450	<b>Programmed in FFY15 of the FFY14-17 STIP.</b> 75% received 02/12/14.
Statewide CMAQ Subtotal ►					\$ 8,886,633	\$ 7,109,306	\$ 1,777,327	◀ 80% Federal + 20% Non-Federal
					Fed Aid Target	\$ 7,153,600		
					Difference	\$ (44,294)		
					Constrained?	Yes		

## Congestion Mitigation and Air Quality Program

MassDOT Project ID ▼	MPO ▼	MassDOT Project Description ▼	MassDOT District ▼	Funding Source ▼	Total Programmed Funds ▼	Federal Funds ▼	Non-Federal Funds ▼	Additional Information ▼
<b>► Section 1D / Federal Aid Major &amp; State Category Projects</b>								
<b>► Statewide Congestion Mitigation and Air Quality Program</b>								
	Statewide	MassRides -- Travel Options Program	Statewide	CMAQ	\$ 2,762,128	\$ 2,209,702	\$ 552,426	<b>Programmed in FFY 16 of FFY14-17 STIP.</b>
	Statewide	STATEWIDE - ELECTRIC VEHICLE PLUG IN CHARGING STATIONS	Statewide	CMAQ	\$ 1,500,000	\$ 1,200,000	\$ 300,000	
	Statewide	PARK AND RIDE LOT EXPANSION/CONSTRUCTION/IMPROVEMENT PROGRAM	Statewide	CMAQ	\$ 2,300,000	\$ 1,840,000	\$ 460,000	
	Statewide	ALTERNATIVE FUEL VEHICLE PURCHASES/REPLACEMENTS	Statewide	CMAQ	\$ 5,000,000	\$ 4,000,000	\$ 1,000,000	
<b>606891</b>	Berkshire	PITTSFIELD- ASHUWILLTICOOK RAIL TRAIL EXTENSION	1	CMAQ	\$ 1,802,631	\$ 1,442,105	\$ 360,526	\$1,802,630 CMAQ + \$300,000 STP-TE = Total \$2,102,630 (this includes YOE 4%)
<b>605189</b>	Boston	CONCORD- BRUCE FREEMAN RAIL TRAIL CONSTRUCTION (PHASE II-C)	4	CMAQ	\$ 5,753,887	\$ 4,603,110	\$ 1,150,777	<b>Programmed in FFY 16 of FFY14-17 STIP.</b> Part of BSG 100.
<b>602165</b>	Boston	STONEHAM- SIGNAL & INTERSECTION IMPROVEMENTS AT ROUTE 28/NORTH STREET	4	CMAQ	\$ 3,268,366	\$ 2,614,693	\$ 653,673	<b>Programmed in FFY 16 of FFY14-17 STIP.</b> 25%. Need to check on status (Marie)
<b>601579</b>	Boston	WAYLAND- SIGNAL & INTERSECTION IMPROVEMENTS AT ROUTE 27 (MAIN STREET) AND ROUTE 30 (COMMONWEALTH ROAD)	3	CMAQ	\$ 1,931,854	\$ 1,545,483	\$ 386,371	<b>Programmed in FFY 16 of FFY14-17 STIP.</b> 75% received March 2014.
<b>606316</b>	Boston	BROOKLINE- PEDESTRIAN BRIDGE REHABILITATION, B-27-016, OVER MBTA OFF CARLTON STREET	6	CMAQ	\$ 1,847,452	\$ 1,477,961	\$ 369,490	<b>Programmed in FFY 16 of FFY14-17 STIP.</b> May not be community supported.
<b>603251</b>	Central Mass	WORCESTER - SIGNAL & INTERSECTION IMPROVEMENTS @ HOLDEN STREET, DRUMMOND AVENUE & SHORE DRIVE	3	CMAQ	\$ 1,741,794	\$ 1,393,435	\$ 348,359	<b>Programmed in FFY 16 of FFY14-17 STIP.</b> Total Project Cost = \$1,674,802 , need to check on regional target programming
<b>606450</b>	Pioneer Valley	HOLYOKE- TRAFFIC SIGNAL UPGRADES AT 15 INTERSECTIONS ALONG HIGH & MAPLE STREETS	2	CMAQ	\$ 1,564,867	\$ 1,251,894	\$ 312,973	<b>Programmed in FFY 16 of FFY14-17 STIP.</b>
<b>606555</b>	Pioneer Valley	NORTHAMPTON- ROUNDABOUT CONSTRUCTION AT INTERSECTION ROUTES 5/10 (NORTH KING STREET) & HATFIELD STREET	2	CMAQ	\$ 2,874,896	\$ 2,299,917	\$ 574,979	<b>Programmed in FFY 16 of FFY14-17 STIP.</b> 25% received March 2013
<b>602911</b>	Pioneer Valley	CHICOPEE- CONNECTICUT RIVERWALK & BIKEWAY CONSTRUCTION, FROM BOAT RAMP NEAR I-90 TO NASH FIELD (2.5 MILES)	2	CMAQ	\$ 3,261,288	\$ 2,609,031	\$ 652,258	<b>Programmed in FFY 16 of FFY14-17 STIP.</b> 602912 is programmed for SWCMAQ in FFY2018. 25% design received September 2013. The Chicopee Riverwalk lies along the BSG CT River corridor and provides connectivity to existing segments.
<b>603477</b>	Pioneer Valley	SOUTHWICK- INTERSECTION IMPROVEMENTS AT FOUR LOCATIONS ON ROUTE 57 (FEEDING HILLS ROAD)	2	CMAQ	\$ 3,617,872	\$ 2,894,298	\$ 723,574	<b>Programmed in FFY 16 of FFY14-17 STIP.</b> 25% received February 2014
<b>605679</b>	SE Mass	TAUNTON- INTERSECTION IMPROVEMENTS @ ROUTE 140 (COUNTY STREET) & HART STREET	5	CMAQ	\$ 1,909,107	\$ 1,527,286	\$ 381,821	<b>Programmed in FFY 16 of FFY14-17 STIP.</b> At 25% design

## Congestion Mitigation and Air Quality Program

MassDOT Project ID ▼	MPO ▼	MassDOT Project Description ▼	MassDOT District ▼	Funding Source ▼	Total Programmed Funds ▼	Federal Funds ▼	Non-Federal Funds ▼	Additional Information ▼
605367	SE Mass	TAUNTON- INTERSECTION IMPROVEMENTS AT THE HON. GORDON M. OWEN RIVERWAY & WILLIAMS STREET	5	CMAQ	\$ 922,086	\$ 737,669	\$ 184,417	Programmed in FFY 16 of FFY14-17 STIP. 25% received December 2013
Statewide CMAQ Subtotal ▶					\$ 42,058,229	\$ 33,646,583	\$ 8,411,646	◀ 80% Federal + 20% Non-Federal
					Fed Aid Target	\$ 33,924,910		
					Difference	\$ (278,327)		
					Constrained?	Yes		

## Congestion Mitigation and Air Quality Program

MassDOT Project ID ▼	MPO ▼	MassDOT Project Description ▼	MassDOT District ▼	Funding Source ▼	Total Programmed Funds ▼	Federal Funds ▼	Non-Federal Funds ▼	Additional Information ▼
<b>► Section 1D / Federal Aid Major &amp; State Category Projects</b>								
<b>► Statewide Congestion Mitigation and Air Quality Program</b>								
	Statewide	MassRides -- Travel Options Program	Statewide	CMAQ	\$ 2,836,705	\$ 2,269,364	\$ 567,341	
	Statewide	ALTERNATIVE FUEL VEHICLE PURCHASES/REPLACEMENTS	Statewide	CMAQ	\$ 6,000,000	\$ 4,800,000	\$ 1,200,000	
	Statewide	STATEWIDE - ELECTRIC VEHICLE PLUG IN CHARGING STATIONS	Statewide	CMAQ	\$ 5,000,000	\$ 4,000,000	\$ 1,000,000	
	Statewide	PARK AND RIDE LOT EXPANSION/CONSTRUCTION/IMPROVEMENT PROGRAM	Statewide	CMAQ	\$ 2,500,000	\$ 2,000,000	\$ 500,000	
<b>607570</b>	Berkshire	LEE - BIKEWAY (PHASE 1)	1	CMAQ	\$ 3,758,400	\$ 3,006,720	\$ 751,680	<b>Programmed in FFY17 of FFY14-17 STIP.</b> The Lee Bikeway lies along the BSG Berkshire corridor.
<b>606223</b>	Boston	ACTON- CONCORD- BRUCE FREEMAN RAIL TRAIL CONSTRUCTION (PHASE II-B)	4	CMAQ	\$ 6,220,800	\$ 4,976,640	\$ 1,244,160	<b>Programmed in FFY17 of FFY14-17 STIP.</b> The Freeman Ph2B Trail lies along the BSG Merrimack-Charles corridor and is a <b>Priority 100 project</b> ; it will connect with Ph 2A, also a Priority project, and ultimately Ph 1, which is already constructed.
<b>607398</b>	Cape Cod	YARMOUTH- BARNSTABLE- CAPE COD RAIL TRAIL EXTENSION, FROM STATION AVENUE (YARMOUTH) TO ROUTE 132 (BARNSTABLE)	5	CMAQ	\$ 8,100,000	\$ 6,480,000	\$ 1,620,000	<b>Programmed in FFY17 of FFY14-17 STIP.</b> The Cape Cod Rail Trail extension in Dennis and Yarmouth lies along the BSG Cape Cod-Boston corridor.
<b>607411</b>	Martha's Vineyard	TISBURY- BIKE AND PED IMPROVEMENTS ALONG BEACH ROAD FROM THE TERMINATION OF THE EXISTING SHARED USE PATH WESTERLY TO THE FIVE CORNERS INTERSECTION.	5	CMAQ	\$ 1,080,000	\$ 864,000	\$ 216,000	\$1million of total project cost was programmed in FFY17 of FFY14-17 STIP. The MVC also programmed funds, <b>need to check before sendout.</b>
Statewide CMAQ Subtotal ►					\$ 35,495,905	\$ 28,396,724	\$ 6,883,181	◀ 80% Federal + 20% Non-Federal
					Fed Aid Target	\$ 28,500,000		
					Difference	\$ (103,276)		
					Constrained?	Yes		

# 2018 Statewide Transportation Improvement Program

Draft FFY 2015-2018 STIP

## Congestion Mitigation and Air Quality Program

MassDOT Project ID ▼	MPO ▼	MassDOT Project Description ▼	MassDOT District ▼	Funding Source ▼	Total Programmed Funds ▼	Federal Funds ▼	Non-Federal Funds ▼	Additional Information ▼
<b>► Section 1D / Federal Aid Major &amp; State Category Projects</b>								
<b>► Statewide Congestion Mitigation and Air Quality Program</b>								
	Statewide	MassRides -- Travel Options Program	Statewide	CMAQ	\$ 2,836,705	\$ 2,269,364	\$ 567,341	
	Statewide	ALTERNATIVE FUEL VEHICLE PURCHASES/REPLACEMENTS	Statewide	CMAQ	\$ 8,000,000	\$ 6,400,000	\$ 1,600,000	
	Statewide	STATEWIDE - ELECTRIC VEHICLE PLUG IN CHARGING STATIONS	Statewide	CMAQ	\$ 11,900,000	\$ 9,520,000	\$ 2,380,000	
	Statewide	PARK AND RIDE LOT EXPANSION/CONSTRUCTION/IMPROVEMENT PROGRAM	Statewide	CMAQ	\$ 3,000,000	\$ 2,400,000	\$ 600,000	
<b>607541</b>	Merrimack Valley	GEORGETOWN- BORDER TO BOSTON TRAIL (SOUTHERN GEORGETOWN SECTION)	4	CMAQ	\$ 1,998,000	\$ 1,598,400	\$ 399,600	607542 'Northern' section is programmed in FFY17 of FFY14-17 STIP (MVPC Target) The Georgetown Trail, southern segment, lies along the BSG North Shore corridor, and is a <b>Priority 100 project</b> .
<b>602912</b>	Pioneer Valley	CHICOPEE- CHICOPEE RIVER RIVERWALK MULTI-USE PATH CONSTRUCTION, FROM GRAPE STREET TO FRONT STREET (NEAR ELLERTON STREET) (1 MILE)	2	CMAQ	\$ 2,273,911	\$ 1,819,129	\$ 454,782	Chicopee is on the BSG CT River corridor.
<b>607329</b>	Boston	WAKEFIELD- LYNNFIELD- RAIL TRAIL EXTENSION, FROM THE GALVIN MIDDLE SCHOOL TO LYNNFIELD/PEABODY T.L.	4	CMAQ	\$ 7,084,000	\$ 5,667,200	\$ 1,416,800	Wakefield-Lynnfield is not on the BSG but offers connectivity to the Peabody shared use path which is already constructed, (thence the N Shore corridor).
Statewide CMAQ Subtotal ►					\$ 37,092,616	\$ 29,674,093	\$ 567,341	◀ 80% Federal + 20% Non-Federal
					Fed Aid Target	\$ 30,000,000		
					Difference	\$ (325,907)		
					Constrained?	Yes		

**6. Operations and Maintenance Expenditures Summary**



Massachusetts Department of Transportation  
 Summary of Operating and Maintenance Expenditures  
 State Total - Part 1: Non-Federal Aid  
 June 3, 2014

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

Program Group/Sub Group	Estimated SFY 2012 Expenditures	Estimated SFY 2013 Expenditures	Current SFY 2014 Expenditures to Date
<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	\$35,298,212	\$49,277,054	\$24,751,221
Drawbridge Maintenance	\$4,902,170	\$9,762,345	\$4,205,878
Structures Maintenance	\$91,968,771	\$65,376,829	\$40,286,277
<b>02 - Bridge Painting</b>			
Painting - Structural	\$297,793	\$1,988,410	\$1,062,157
<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	\$325,346	\$3,262,714	\$1,016,596
Hwy Reconstr - No Added Capacity	\$43,007	\$35,442	\$731,993
Hwy Reconstr - Minor Widening	\$41,476	\$6,947	\$55,822
Hwy Reconstr - Major Widening	\$0	\$47,992	\$1,523,049
<b>04 - Roadway Resurfacing</b>			
Resurfacing	\$13,039,092	\$12,311,850	\$8,246,266
<b>05 - Intersection &amp; Safety</b>			
Impact Attenuators	\$455,559	\$343,745	\$209,693
Safety Improvements	\$170,384	\$4,896	\$0
Traffic Signals	\$1,104,071	\$2,673,645	\$1,623,130
<b>06 - Signs &amp; Lighting</b>			
Lighting and Electrical	\$2,176,970	\$1,277,590	\$1,157,594
Sign Installation / Upgrading	\$1,057,235	\$632,242	\$498,756
Structural Signing	\$20,626	\$301,908	\$514,171
<b>07 - Guardrail</b>			
Guard Rail and Fencing	\$1,754,539	\$2,740,920	\$1,968,174
<b>08 - Maintenance</b>			
Catch Basin Cleaning	\$5,122,711	\$5,020,329	\$3,626,861
Contract Highway Maintenance	\$8,101,163	\$5,035,407	\$2,610,585
Crack Sealing	\$1,330,464	\$526,601	\$307,131
Landscape and Roadside Develop	\$3,587,603	\$4,064,397	\$3,461,254
Mowing and Spraying	\$124,980	\$73,726	\$374,749
Pavement Marking	\$3,168,366	\$4,044,288	\$2,855,073
Process/Recycle/Transport Soils	\$1,419	\$1,148	\$316,485
Sewer and Water	\$75,066	\$13,349	\$24,939
<b>09 - Facilities</b>			
Chemical Storage Sheds	\$1,599,785	\$578,900	\$574,980
Vertical Construction	\$1,848,965	\$7,124,346	\$14,235,375
<b>10 - Bikeways (Excluded)</b>	n/a	n/a	n/a
<b>11 - Other</b>			
Demolition	\$7,944	\$2,282,970	\$253,320
Drilling & Boring	\$35,976	\$25,313	\$0
Highway Sweeping	\$393,284	\$570,558	\$187,796
Intelligent Transportation System	\$120,162	\$961,221	\$91,118
Marine Construction	\$0	\$0	\$0
Miscellaneous / No prequal	\$3,530,933	\$3,593,025	\$1,661,062
Reclamation	\$0	\$0	\$0
Underground Tank Removal Replace	\$243,871	\$32,754	\$0
Hazardous Waste Remediation	\$1,886,858	\$1,860,342	\$53,415
Unknown	\$0	\$0	\$0
<b>Section I Total:</b>	<b>\$183,834,800</b>	<b>\$185,853,203</b>	<b>\$118,484,919</b>
<b>Section II - Non Federal Aid Highway Operations - State Operating Budget Funding</b>			
<b>12 - Snow and Ice Operations &amp; Materials</b>	\$35,208,777	\$92,067,574	\$120,993,552
<b>13 - District Maintenance Payroll</b> ( Mowing, Litter Management, Sight Distance Clearing, Etc. )	\$15,905,275	\$15,695,982	\$13,114,040
<b>Section II Total:</b>	<b>\$51,114,052</b>	<b>\$107,763,556</b>	<b>\$134,107,592</b>
<b>Grand Total NFA:</b>	<b>\$234,948,852</b>	<b>\$293,616,759</b>	<b>\$252,592,511</b>

Massachusetts Department of Transportation  
 Summary of Operating and Maintenance Expenditures  
 State Total - Part 2: Federal Aid  
 June 3, 2014

**Section I - Federal Aid Maintenance Projects**

Program Group/Sub Group	Estimated SFY 2012 Expenditures	Estimated SFY 2013 Expenditures	Current SFY 2014 Expenditures to Date
<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	\$147,402,327	\$117,251,049	\$166,601,219
Drawbridge Maintenance	\$0	\$0	\$0
Structures Maintenance	\$30,386,361	\$12,109,125	\$8,690,568
<b>02 - Bridge Painting</b>			
Painting - Structural	\$889,207	\$74,931	\$3,308,515
<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	\$37,617,312	\$32,114,608	\$18,095,063
Hwy Reconstr - No Added Capacity	\$73,113,303	\$38,999,446	\$21,890,867
Hwy Reconstr - Minor Widening	\$20,708,143	\$15,246,722	\$9,248,082
Hwy Reconstr - Major Widening	\$61,255	\$26,413	\$156,926
<b>04 - Roadway Resurfacing</b>			
Resurfacing	\$103,935,734	\$88,343,165	\$86,174,654
<b>05 - Intersection &amp; Safety</b>			
Impact Attenuators	\$0	\$0	\$0
Safety Improvements	\$181,201	\$171,570	\$5,399
Traffic Signals	\$8,546,803	\$12,512,085	\$4,429,895
<b>06 - Signs &amp; Lighting</b>			
Lighting and Electrical	\$2,181,205	\$1,232,314	\$1,749,698
Sign Installation / Upgrading	\$1,346,214	\$1,212,793	\$1,633,074
Structural Signing	\$6,983,127	\$3,098,537	\$5,250,709
<b>07 - Guardrail</b>			
Guard Rail and Fencing	\$1,770,233	\$1,644,324	\$1,495,687
<b>08 - Maintenance</b>			
Catch Basin Cleaning	\$0	\$0	\$0
Contract Highway Maintenance	\$6,128,450	\$4,151,018	\$1,941,011
Crack Sealing	\$0	\$0	\$0
Landscape and Roadside Develop	\$7,006,957	\$809,120	\$54,447
Mowing and Spraying	\$0	\$0	\$0
Pavement Marking	\$204,718	\$318,169	\$133,236
Process/Recycle/Transport Soils	\$0	\$0	\$0
Sewer and Water	\$0	\$0	\$0
<b>09 - Facilities</b>			
Chemical Storage Sheds	\$0	\$0	\$0
Vertical Construction	\$110,663	\$315,540	\$12,062
<b>10 - Bikeways (Excluded)</b>	n/a	n/a	n/a
<b>11 - Other</b>			
Demolition	\$948,492	\$0	\$0
Drilling & Boring	\$0	\$7,887	\$0
Highway Sweeping	\$0	\$0	\$0
Intelligent Transportation System	\$6,902,315	\$6,210,680	\$4,266,094
Marine Construction	\$477,131	\$2,565,340	\$2,476,795
Miscellaneous / No prequal	\$2,285,222	\$5,072,465	\$413,722
Reclamation	\$1,558,308	\$146,028	\$15,713
Underground Tank Removal Replace	\$0	\$0	\$0
Unknown	\$0	\$0	\$0
<b>Section I Total:</b>	<b>\$460,744,680</b>	<b>\$343,633,327</b>	<b>\$338,043,437</b>
<b>Section II - Federal Aid Highway Operations</b>			
ITS Operations - I-93 HOV Lane Operation and Towing	\$550,000	\$550,000	\$550,000
ITS Operations - Traffic Operations Center (South Boston)	\$600,000	\$600,000	\$600,000
<b>Section II Total</b>	<b>\$1,150,000</b>	<b>\$1,150,000</b>	<b>\$1,150,000</b>
<b>Grand Total Federal Aid:</b>	<b>\$461,894,680</b>	<b>\$344,783,327</b>	<b>\$339,193,437</b>

Massachusetts Department of Transportation - Highway Division  
 Summary of Operating and Maintenance Expenditures  
 Statewide Contracts - Part 1: Non-Federal Aid  
 June 3, 2014

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

Program Group/Sub Group	Estimated SFY 2012 Expenditures	Estimated SFY 2013 Expenditures	Current SFY 2014 Expenditures to Date
<b>01 - Bridge Repair &amp; Replacement</b>			
New Bridge (Excluded)	n/a	n/a	
Bridge Replacement (Excluded)	n/a	n/a	
Bridge Reconstruction/Rehab	\$0	\$0	\$0
Drawbridge Maintenance	\$2,766,781	\$2,605,807	\$4,204,196
Structures Maintenance	\$53,732,876	\$35,499,934	\$23,882,387
<b>02 - Bridge Painting</b>			
Painting - Structural	\$25,016	\$0	\$331,287
<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	\$315,354	\$2,162,734	\$1,011,330
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	\$12,833,688	\$11,448,033	\$7,820,510
<b>05 - Intersection &amp; Safety</b>			
Impact Attenuators	\$455,559	\$343,745	\$209,693
Safety Improvements	\$0	\$0	\$0
Traffic Signals	\$1,083,677	\$2,673,645	\$1,623,130
<b>06 - Signs &amp; Lighting</b>			
Lighting and Electrical	\$2,160,095	\$1,276,874	\$1,114,539
Sign Installation / Upgrading	\$1,002,302	\$609,383	\$498,756
Structural Signing	\$20,626	\$301,908	\$514,171
<b>07 - Guardrail</b>			
Guard Rail and Fencing	\$1,754,539	\$2,388,637	\$1,968,174
<b>08 - Maintenance</b>			
Catch Basin Cleaning	\$5,122,711	\$5,020,329	\$3,626,861
Crack Sealing	\$7,991,339	\$5,015,414	\$2,610,585
Landscape and Roadside Develop	\$1,330,464	\$526,601	\$307,131
Mowing and Spraying	\$2,241,684	\$4,063,711	\$3,461,254
Pavement Marking	\$124,980	\$73,726	\$374,749
Sewer and Water	\$2,907,992	\$3,942,801	\$2,855,073
Process/Recycle/Trnsprt Soils	\$1,419	\$0	\$0
Contract Hwy Maint.	\$61,790	\$13,349	\$24,939
<b>09 - Facilities</b>			
Chemical Storage Sheds	\$44,327	\$551,735	\$574,980
Vertical Construction	\$1,781,464	\$5,224,912	\$3,171,470
<b>10 - Bikeways (Excluded)</b>	n/a	n/a	n/a
<b>11 - Other</b>			
Demolition	\$0	\$0	\$0
Drilling & Boring	\$35,976	\$25,313	\$0
Highway Sweeping	\$393,284	\$570,558	\$187,796
Intelligent Transportation System	\$120,162	\$823,727	\$86,025
Marine Construction	\$0	\$0	\$0
Miscellaneous / No prequal	\$1,714,197	\$1,898,989	\$1,304,765
Reclamation	\$0	\$0	\$0
Underground Tank Removal Replace	\$243,871	\$32,754	\$0
Hazardous Waste Remediation	\$1,886,858	\$1,860,342	\$53,415
Unknown	\$0	\$0	\$0
<b>Section I Total:</b>	<b>\$102,153,032</b>	<b>\$88,954,961</b>	<b>\$61,817,216</b>

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

<b>12 - Snow and Ice Operations &amp; Materials</b>	\$35,208,777	\$92,067,574	\$120,993,552
<b>13 - District Maintenance Payroll</b> ( Mowing, Litter Management, Sight Distance Clearing, Etc. )	\$15,905,275	\$15,695,982	\$13,114,040
<b>Section II Total:</b>	<b>\$51,114,052</b>	<b>\$107,763,556</b>	<b>\$134,107,592</b>

<b>Grand Total NFA:</b>	<b>\$153,267,084</b>	<b>\$196,718,517</b>	<b>\$195,924,807</b>
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Massachusetts Department of Transportation - Highway Division  
 Summary of Operating and Maintenance Expenditures  
 Statewide Contracts - Part 2: Federal Aid  
 June 3, 2014

**Section I - Federal Aid Maintenance Projects**

Program Group/Sub Group	Estimated SFY 2012 Expenditures	Estimated SFY 2013 Expenditures	Current SFY 2014 Expenditures to Date
<b>01 - Bridge Repair &amp; Replacement</b>			
New Bridge (Excluded)	n/a	n/a	
Bridge Replacement (Excluded)	n/a	n/a	
Bridge Reconstruction/Rehab	\$0	\$0	\$0
Drawbridge Maintenance	\$0	\$0	\$0
Structures Maintenance	\$51,965	\$788,063	\$1,375,793
<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	\$0	\$0	\$182,417
Hwy Reconstr - No Added Capacity	\$0	\$0	\$13,950
Hwy Reconstr - Minor Widening	\$0	\$0	\$0
Hwy Reconstr - Major Widening	\$0	\$0	\$0
<b>04 - Roadway Resurfacing</b>			
Resurfacing	\$1,797,166	\$1,160,946	\$0
<b>05 - Intersection &amp; Safety</b>			
Impact Attenuators	\$0	\$0	\$0
Safety Improvements	\$0	\$0	\$0
Traffic Signals	\$12,885	\$0	\$0
<b>06 - Signs &amp; Lighting</b>			
Lighting and Electrical	\$0	\$366,192	\$1,733,882
Sign Installation / Upgrading	\$5,945	\$172,664	\$4,885
Structural Signing	\$0	\$0	\$0
<b>07 - Guardrail</b>			
Guard Rail and Fencing	\$0	\$0	\$0
<b>08 - Maintenance</b>			
Catch Basin Cleaning	\$0	\$0	\$0
Contract Highway Maintenance	\$6,128,450	\$4,151,018	\$1,941,011
Crack Sealing	\$0	\$0	\$0
Landscape and Roadside Develop	\$5,208	\$0	\$0
Mowing and Spraying	\$0	\$0	\$0
Pavement Marking	\$204,718	\$318,169	\$133,236
Process/Recycle/Trnsport Soils	\$0	\$0	\$0
Sewer and Water	\$0	\$0	\$0
<b>09 - Facilities</b>			
Chemical Storage Sheds	\$0	\$0	\$0
Vertical Construction	\$694	\$14,336	\$871
<b>10 - Bikeways (Excluded)</b>	n/a	n/a	n/a
<b>11 - Other</b>			
Demolition	\$0	\$0	\$0
Drilling & Boring	\$0	\$7,887	\$0
Highway Sweeping	\$0	\$0	\$0
Intelligent Transportation System	\$4,112,107	\$3,298,036	\$2,378,028
Marine Construction	\$0	\$0	\$0
Miscellaneous / No prequal	\$43,661	\$0	\$9,706
Reclamation	\$0	\$0	\$0
Underground Tank Removal Replace	\$0	\$0	\$0
Unknown	\$0	\$0	\$0
<b>Section I Total:</b>	<b>\$12,362,798</b>	<b>\$10,277,311</b>	<b>\$7,773,778</b>
<b>Section II - Federal Aid Highway Operations</b>			
ITS Operations - I-93 HOV Lane Operation and Towing	n/a	n/a	n/a
ITS Operations - Traffic Operations Center (South Boston)	n/a	n/a	n/a
<b>Section II Total</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
<b>Grand Total Federal Aid:</b>	<b>\$12,362,798</b>	<b>\$10,277,311</b>	<b>\$7,773,778</b>

Massachusetts Department of Transportation - Highway Division  
 Summary of Operating and Maintenance Expenditures  
 Old Colony Region - Part 1: Non-Federal Aid  
 June 3, 2014

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

Program Group/Sub Group	Estimated SFY 2012 Expenditures	Estimated SFY 2013 Expenditures	Current SFY 2014 Expenditures to Date
<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
Structures Maintenance	\$30,812	\$47,159	\$26,203
<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	\$0	\$0	\$0
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	\$12,116	\$0	\$0
<b>05 - Intersection &amp; Safety</b>			
Impact Attenuators	\$0	\$0	\$0
Safety Improvements	\$0	\$0	\$0
Traffic Signals	\$0	\$0	\$0
<b>06 - Signs &amp; Lighting</b>			
Lighting and Electrical	\$0	\$0	\$0
Sign Installation / Upgrading	\$0	\$0	\$0
Structural Signing	\$0	\$0	\$0
<b>07 - Guardrail</b>			
Guard Rail and Fencing	\$0	\$0	\$0
<b>08 - Maintenance</b>			
Catch Basin Cleaning	\$0	\$0	\$0
Crack Sealing	\$0	\$0	\$0
Landscape and Roadside Develop	\$0	\$0	\$0
Mowing and Spraying	\$0	\$0	\$0
Pavement Marking	\$0	\$0	\$0
Sewer and Water	\$0	\$0	\$0
Process/Recycle/Trnsprt Soils	\$0	\$0	\$0
Contract Hwy Maint.	\$0	\$0	\$0
<b>09 - Facilities</b>			
Chemical Storage Sheds	\$0	\$0	\$0
Vertical Construction	\$0	\$0	\$0
<b>10 - Bikeways (Excluded)</b>	n/a	n/a	n/a
<b>11 - Other</b>			
Demolition	\$0	\$0	\$0
Drilling & Boring	\$0	\$0	\$0
Highway Sweeping	\$0	\$0	\$0
Intelligent Transportation System	\$0	\$0	\$0
Marine Construction	\$0	\$0	\$0
Miscellaneous / No prequal	\$0	\$0	\$0
Reclamation	\$0	\$0	\$0
Underground Tank Removal Replace	\$0	\$0	\$0
Unknown	\$0	\$0	\$0
<b>Section I Total:</b>	<b>\$42,928</b>	<b>\$47,159</b>	<b>\$26,203</b>

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

<b>12 - Snow and Ice Operations &amp; Materials</b>	n/a	n/a	n/a
<b>13 - District Maintenance Payroll</b> ( Mowing, Litter Management, Sight Distance Clearing, Etc. )	n/a	n/a	n/a
<b>Section II Total:</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
<b>Grand Total NFA:</b>	<b>\$42,928</b>	<b>\$47,159</b>	<b>\$26,203</b>

Massachusetts Department of Transportation - Highway Division  
 Summary of Operating and Maintenance Expenditures  
 Old Colony Region - Part 2: Federal Aid  
 June 3, 2014

**Section I - Federal Aid Maintenance Projects**

Program Group/Sub Group	Estimated SFY 2012 Expenditures	Estimated SFY 2013 Expenditures	Current SFY 2014 Expenditures to Date
<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
Structures Maintenance	\$0	\$0	\$0
<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	\$0	\$0	\$0
Hwy Reconstr - No Added Capacity	\$214,419	\$54,672	\$38,112
Hwy Reconstr - Minor Widening	\$2,501,997	\$1,108,819	\$88,872
Hwy Reconstr - Major Widening	\$0	\$0	\$0
<b>04 - Roadway Resurfacing</b>			
Resurfacing	\$9,328,253	\$7,910,763	\$6,547,792
<b>05 - Intersection &amp; Safety</b>			
Impact Attenuators	\$0	\$0	\$0
Safety Improvements	\$0	\$0	\$0
Traffic Signals	\$1,027,519	\$337,703	\$151,451
<b>06 - Signs &amp; Lighting</b>			
Lighting and Electrical	\$0	\$0	\$0
Sign Installation / Upgrading	\$0	\$0	\$0
Structural Signing	\$0	\$0	\$0
<b>07 - Guardrail</b>			
Guard Rail and Fencing	\$0	\$0	\$0
<b>08 - Maintenance</b>			
Catch Basin Cleaning	\$0	\$0	\$0
Contract Highway Maintenance	\$0	\$0	\$0
Crack Sealing	\$0	\$0	\$0
Landscape and Roadside Develop	\$0	\$0	\$0
Mowing and Spraying	\$0	\$0	\$0
Pavement Marking	\$0	\$0	\$0
Process/Recycle/Transport Soils	\$0	\$0	\$0
Sewer and Water	\$0	\$0	\$0
<b>09 - Facilities</b>			
Chemical Storage Sheds	\$0	\$0	\$0
Vertical Construction	\$0	\$0	\$0
<b>10 - Bikeways (Excluded)</b>	n/a	n/a	n/a
<b>11 - Other</b>			
Demolition	\$0	\$0	\$0
Drilling & Boring	\$0	\$0	\$0
Highway Sweeping	\$0	\$0	\$0
Intelligent Transportation System	\$0	\$0	\$0
Marine Construction	\$0	\$0	\$0
Miscellaneous / No prequal	\$0	\$0	\$0
Reclamation	\$0	\$0	\$0
Underground Tank Removal Replace	\$0	\$0	\$0
Unknown	\$0	\$0	\$0
<b>Section I Total:</b>	<b>\$13,072,188</b>	<b>\$9,411,958</b>	<b>\$6,826,228</b>

**Section II - Federal Aid Highway Operations**

ITS Operations - I-93 HOV Lane Operation and Towing	n/a	n/a	n/a
ITS Operations - Traffic Operations Center (South Boston)	n/a	n/a	n/a
<b>Section II Total</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

**Grand Total Federal Aid:**

<b>\$13,072,188</b>	<b>\$9,411,958</b>	<b>\$6,826,228</b>
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**Old Colony MPO  
Operations and Maintenance Summary Table  
For the Brockton Area Transit Authority  
State Fiscal Year 2015-2018**

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

<b>Operating Revenue</b>	<b>Previous</b>	<b>Current</b>	<b>Year Two</b>	<b>Year Three</b>	<b>Year Four</b>
	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>
Farebox	\$ 3,837,000	\$ 3,946,940	\$ 4,045,614	\$ 4,146,754	\$ 4,250,423
Section 5307	\$ 2,150,000	\$ 1,727,229	\$ 1,770,410	\$ 1,814,670	\$ 1,860,037
Section 5311					
CMAQ/TDM					
Fully Funded *					
Job Access/Reverse Commute	\$ 165,000	\$ 165,000	\$ 169,125	\$ 173,353	\$ 177,687
JARC/ New Freedom New Service	\$ 100,000	\$ 130,000	\$ 133,250	\$ 136,581	\$ 139,996
Advertising	\$ 100,000	\$ 110,000	\$ 112,750	\$ 115,569	\$ 118,458
Interest Income	\$ 10,000	\$ 5,000	\$ 5,125	\$ 5,253	\$ 5,384
Rental Income	\$ 21,000	\$ 21,600	\$ 22,140	\$ 22,694	\$ 23,261
State Contract Assistance **	\$ 5,718,673	\$ 6,812,787	\$ 6,983,107	\$ 7,157,684	\$ 7,336,626
Local Assessment	\$ 2,593,030	\$ 2,717,856	\$ 2,785,802	\$ 2,855,447	\$ 2,926,834
Other: (Define)	\$ 99,000	\$ 98,400	\$ 100,860	\$ 103,382	\$ 105,966
<b>TOTAL</b>	\$ 14,793,703	\$ 15,734,812	\$ 16,128,182	\$ 16,531,387	\$ 16,944,672
<b>Operating Expenses ***</b>	<b>Previous</b>	<b>Current</b>	<b>Year Two</b>	<b>Year Three</b>	<b>Year Four</b>
	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>
<b>TOTAL (See Description Below)</b>	\$ 14,793,703	\$ 15,734,812	\$ 16,128,182	\$ 16,531,387	\$ 16,944,672

Footnotes:

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

\*\* Operating assistance provided by the State

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

**7. Greenhouse Gas Monitoring and Evaluation Calculations**



# FFY 2015-2018 Old Colony Transportation Improvement Program (TIP) Greenhouse Gas Monitoring and Evaluation

## Introduction

This section summarizes the greenhouse gas (GHG) impacts that are anticipated to result from the projects that are included in this FFY 2015-2018 Old Colony Transportation Improvement Program (TIP). It includes a summary of the state laws and policies that call for reducing greenhouse gas in order to mitigate global climate change, actions that are being to respond to these state laws and policies, the role of regional planning and TIP development in reducing GHG emission and tracking these reductions, and the projected GHG emission impacts from the projects programmed in the TIP.

## 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:

- By 2020: 25 percent reduction below statewide 1990 GHG emission levels
- By 2050: 80 percent reduction below statewide 1990 GHG emission levels

## 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.

## GreenDOT Policy and Metropolitan Planning Organizations

The Commonwealth's thirteen metropolitan planning organizations (MPOs) are integrally involved in helping to achieve the GreenDOT goals and supporting the GHG reductions mandated under the GWSA.

The MPOs are most directly involved in helping to achieve the GHG emissions reductions under the second goal – to promote healthy transportation modes through prioritizing and programming an appropriate balance of roadway, transit, bicycle and pedestrian investments – and assist in the third goal by supporting smart growth development patterns through the creation of a balanced multi-modal transportation system. This will be realized through the transportation goals and policies espoused in the Regional Transportation Plans (RTPs), the major projects planned in the RTPs, and the mix of new transportation projects that are programmed and implemented through the TIPs. The GHG tracking and evaluation processes enable the MPOs to identify the anticipated GHG impacts of the planned and programmed projects, and also to use GHG impacts as a criterion in prioritizing transportation projects.

### Regional GHG Tracking and Evaluation in RTPs

MassDOT coordinated with MPOs and regional planning agency (RPA) staffs on the implementation of GHG tracking and evaluation in development of each MPO's 2035 RTPs, which were adopted in September 2011. In particular, the Old Colony RTP in Chapter 2 – Mission, Goals, Objectives, and Performance Measures, and Chapter 8 – Environmental Quality, Climate Change, Hazards, and Energy, address the topic of climate change and efforts to reduce greenhouse gas emissions.

Working together, MassDOT and the MPOs have attained the following milestones:

- Modeling and long-range statewide projections for GHG emissions resulting from the transportation sector. Using the Boston MPO's regional model and the statewide travel demand model for the remainder of the state, GHG emissions were projected for 2020 no-build and build conditions, and for 2035 no-build and build conditions.
- All of the MPOs included these GHG emission projections in their RTPs, along with a discussion of climate change and a statement of MPO support for reducing GHG emissions as a regional goal.

### Project-Level GHG Tracking and Evaluation in the Transportation Improvement Program

It is also important to monitor and evaluate the GHG impacts of the transportation projects that are programmed in the MPO Transportation Improvement Programs (TIP). The TIP includes both the larger, regionally-significant projects from the RTPs, which have already had their aggregate GHG impacts calculated and reported in the RTP, as well as smaller projects that are not included in the RTP but that may nevertheless have impacts on GHG emissions. 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.

In order to monitor and evaluate the GHG impacts of TIP projects, MassDOT and the MPOs have developed the following approach for identifying anticipated GHG impacts and quantifying GHG impacts of projects, when appropriate, through the TIP. Different types of projects will have different anticipated GHG emissions impacts. The different project categories are outlined on the next two pages with this region's project tracking sheet on the third page.

- Projects with Quantified Impacts
  - **RTP Projects** - Major capacity expansion projects (e.g. Green Line Extension, I-95 Whittier Bridge Replacement) would be expected to have a significant impact on GHG emissions. However, these projects are included in the RTPs and analyzed using the statewide model or Boston regional model, which would reflect their GHG impacts. Therefore, no independent TIP calculations are required.

- **Quantified Decrease in Emissions** - Projects that would be expected to produce a measurable decrease in emissions. The approach for calculating these impacts is described below. These projects should be categorized in the following manner:
  - **Quantified Decrease in Emissions from Traffic Operational Improvement** - An intersection reconstruction or signalization project that is projected to reduce delay and congestion.
  - **Quantified Decrease in Emissions from Pedestrian and Bicycle Infrastructure** - A shared-use path that would enable increased walking and biking and decreased vehicle-miles traveled (VMT).
  - **Quantified Decrease in Emissions from New/Additional Transit Service** - A bus or shuttle service that would enable increased transit ridership and decreased VMT
  - **Quantified Decrease in Emissions from a Park and Ride Lot** A park-and-ride lot that would enable increased transit ridership/ increased ridesharing and decreased VMT
  - **Quantified Decrease in Emissions from Bus Replacement** A bus replacement that would directly reduce GHG emissions generated by that bus service.
  - **Quantified Decrease in Emissions from Other Improvement**
- **Quantified Increase in Emissions** – Projects that would be expected to produce a measurable increase in emissions.
- **Calculation of GHG Impacts for TIP Projects** - The Office of Transportation Planning at MassDOT provided the spreadsheets that are used for determining Congestion Management and Air Quality Improvement (CMAQ) eligibility. These spreadsheets require the same inputs as the CMAQ calculations, and have been adapted to provide CO<sub>2</sub> impacts. The data and analysis required for these calculations is available from functional design reports that should be submitted for projects that would produce a measurable GHG impact.
- **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.

### **Regional Greenhouse Gas Impact Summary Tables for FFY 2015-2018 Old Colony TIP**

The following tables summarize the calculated quantitative and assumed qualitative impacts of the projects included in the regional FFY 2015-2018 Old Colony TIP.

# 2015 OLD COLONY TIP GHG Tracking

MassDOT Project ID ▼	MassDOT Project Description ▼	Funding Source ▼	Total Programmed Funds ▼	GHG Analysis Type ▼	GHG Impact by the Numbers (kg/year) ▼	GHG Impact Description ▼	Additional Description ▼
<b>►Section 1A / Federal Aid Target Projects</b>							
<b>►HSIP - Highway Safety Improvement Program</b>							
0	No Projects Programmed		\$ -	N/A	0	N/A	
					Quantified Impact ►	0	
<b>►CMAQ - Congestion Mitigation and Air Quality Improvement</b>							
0	PEMBROKE- RECONSTRUCTION ON ROUTE 14, FROM THE HANSON T.L. TO WASHINGTON STREET (ROUTE 53) AC PHASE 1 OF 2		\$ 1,709,829	Quantified	730	Quantified Decrease in Emissions (See Emissions Analysis Appendix)	
					Quantified Impact ►	730	
<b>►TAP - Transportation Alternatives Program</b>							
0	PEMBROKE- RECONSTRUCTION ON ROUTE 14, FROM THE HANSON T.L. TO WASHINGTON STREET (ROUTE 53) AC PHASE 1 OF 2		\$ 300,009	Quantified		Quantified Decrease in Emissions (See Emissions Analysis Appendix)	
					Quantified Impact ►	0	
<b>►Non-CMAQ/HSIP/TAP (Other)</b>							
0	PEMBROKE- RECONSTRUCTION ON ROUTE 14, FROM THE HANSON T.L. TO WASHINGTON STREET (ROUTE 53) AC PHASE 1 OF 2		\$ 4,723,031	Quantified		Quantified Decrease in Emissions (See Emissions Analysis Appendix)	
					Quantified Impact ►	0	
Available							
<b>►Section 1B / Federal Aid Bridge Projects</b>							
<b>►Statewide Bridge Maintenance Program</b>							
0	No Projects Programmed		\$ -	N/A	0	N/A	
					Quantified Impact ►	0	
<b>►On System</b>							
0	No Projects Programmed		\$ -	N/A	0	N/A	
					Quantified Impact ►	0	
<b>►Off-System</b>							
0	No Projects Programmed		\$ -	N/A	0	N/A	
					Quantified Impact ►	0	
<b>►Statewide Bridge Inspection Program</b>							
0	No Projects Programmed		\$ -	N/A	0	N/A	
					Quantified Impact ►	0	
<b>►Section 1C / Federal Aid Non-Target Projects</b>							
<b>►Other Federal Aid</b>							
0	No Projects Programmed		\$ -	N/A	0	N/A	
					Quantified Impact ►	0	
<b>►Section 1D / Federal Aid Major &amp; State Category Projects</b>							
<b>►Statewide Infrastructure Program</b>							
0	No Projects Programmed	0	\$ -	N/A	0	N/A	
					Quantified Impact ►	0	
<b>►Statewide HSIP Program</b>							
0	No Projects Programmed	0	\$ -	N/A	0	N/A	
					Quantified Impact ►	0	
<b>►Statewide Safe Routes to Schools Program</b>							
0	No Projects Programmed	0	\$ -	N/A	0	N/A	
					Quantified Impact ►	0	
<b>►Statewide CMAQ</b>							
0	No Projects Programmed	0	\$ -	N/A	0	N/A	
					Quantified Impact ►	0	
<b>►Statewide Transportation Enhancements</b>							
0	No Projects Programmed		\$ -	N/A	0	N/A	
					Quantified Impact ►	0	
<b>►Statewide ITS</b>							
0	No Projects Programmed		\$ -	N/A	0	N/A	
					Quantified Impact ►	0	
<b>►Statewide Interstate Maintenance Program</b>							
0	No Projects Programmed		\$ -	N/A	0	N/A	
					Quantified Impact ►	0	
<b>►Statewide NHS Preservation Program+</b>							
0	No Projects Programmed		\$ -	N/A	0	N/A	
					Quantified Impact ►	0	
<b>►Statewide RR Grade Crossings</b>							
0	No Projects Programmed		\$ -	N/A	0	N/A	

					Quantified Impact ▶	0		
<b>► Statewide Stormwater Retrofits</b>								
0	No Projects Programmed		\$ -	N/A	0	N/A		
					Quantified Impact ▶	0		
<b>► Statewide ADA Implementation Plan</b>								
0	No Projects Programmed		\$ -	N/A	0	N/A		
					Quantified Impact ▶	0		
<b>► Other Statewide Items</b>								
0	ABP GANS Repayment		\$ -	N/A	0	N/A		
0	Award Adjustments, Change Orders, Project Value Changes, Etc.		\$ -	N/A	0	N/A		
0	DBEs, FAPO, Pavement Lab Retrofits, and Misc. Programs		\$ -	N/A	0	N/A		
0	Planning		\$ -	N/A	0	N/A		
0	Statewide Design and Right of Way		\$ -	N/A	0	N/A		
0	Statewide Recreational Trails		\$ -	N/A	0	N/A		
					Quantified Impact ▶	0		
<b>► Section 2A / Non-Federal Projects</b>								
<b>► Non Federal Aid</b>								
0	No Projects Programmed		\$ -	N/A	0	N/A		
					Quantified Impact ▶	0		
<b>► Section 2B / Non-Federal Bridge Projects</b>								
<b>► Section 2B / Non-Federal Bridge Projects</b>								
0	No Projects Programmed		\$ -	N/A	0	N/A		
					Quantified Impact ▶	0		
<b>2015 OLD COLONY TIP GHG Tracking Summary</b>					<b>Total Quantified Impact ▼</b>			
					Quantified Impact ▶	730		

# 2016 OLD COLONY TIP GHG Tracking

MassDOT Project ID ▼	MassDOT Project Description ▼	Funding Source ▼	Total Programmed Funds ▼	GHG Analysis Type ▼	GHG Impact by the Numbers (kg/year) ▼	GHG Impact Description ▼	Additional Description ▼
<b>►Section 1A / Federal Aid Target Projects</b>							
<b>►HSIP - Highway Safety Improvement Program</b>							
0	BROCKTON- TRAFFIC SIGNAL AND INTERSECTION IMPROVEMENTS AT ROUTE 123 (BELMONT STREET)/LINWOOD STREET/LORRAINE AVENUE		\$ 455,954	Quantified	73,162	Quantified Decrease in Emissions (See Emissions Analysis Appendix)	
					Quantified Impact ►	73,162	
<b>►CMAQ - Congestion Mitigation and Air Quality Improvement</b>							
0	BROCKTON- TRAFFIC SIGNAL AND INTERSECTION IMPROVEMENTS AT ROUTE 123 (BELMONT STREET)/LINWOOD STREET/LORRAINE AVENUE		\$ 1,424,858	Quantified		Quantified Decrease in Emissions (See Emissions Analysis Appendix)	
0	PEMBROKE- INTERSECTION IMPROVEMENTS AND RELATED WORK AT WASHINGTON STREET (ROUTE 53) AND PLEASANT STREET		\$ 1,490,715	Quantified	-170,714	Quantified Decrease in Emissions (See Emissions Analysis Appendix)	
					Quantified Impact ►	-170,714	
<b>►TAP - Transportation Alternatives Program</b>							
0	PEMBROKE- RECONSTRUCTION ON ROUTE 14, FROM THE HANSON T.L. TO WASHINGTON STREET (ROUTE 53) AC PHASE 2 OF 2		\$ 511,704	Quantified		Quantified Decrease in Emissions (See Emissions Analysis Appendix)	
					Quantified Impact ►	0	
<b>►Non-CMAQ/HSIP/TAP (Other)</b>							
0	BROCKTON- TRAFFIC SIGNAL AND INTERSECTION IMPROVEMENTS AT ROUTE 123 (BELMONT STREET)/LINWOOD STREET/LORRAINE AVENUE		\$ 1,802,240	Quantified		Quantified Decrease in Emissions (See Emissions Analysis Appendix)	
0	PEMBROKE- RECONSTRUCTION ON ROUTE 14, FROM THE HANSON T.L. TO WASHINGTON STREET (ROUTE 53) AC PHASE 2 OF 2		\$ 1,383,947	Quantified		Quantified Decrease in Emissions (See Emissions Analysis Appendix)	
					Quantified Impact ►	0	
Available							
<b>►Section 1B / Federal Aid Bridge Projects</b>							
<b>►Statewide Bridge Maintenance Program</b>							
0	No Projects Programmed		\$ -	N/A	0	N/A	
					Quantified Impact ►	0	
<b>►On System</b>							
0	No Projects Programmed		\$ -	N/A	0	N/A	
					Quantified Impact ►	0	
<b>►Off-System</b>							
0	No Projects Programmed		\$ -	N/A	0	N/A	
					Quantified Impact ►	0	
<b>►Statewide Bridge Inspection Program</b>							
0	No Projects Programmed		\$ -	N/A	0	N/A	
					Quantified Impact ►	0	
<b>►Section 1C / Federal Aid Non-Target Projects</b>							
<b>►Other Federal Aid</b>							
0	No Projects Programmed		\$ -	N/A	0	N/A	
					Quantified Impact ►	0	
<b>►Section 1D / Federal Aid Major &amp; State Category Projects</b>							
<b>►Statewide Infrastructure Program</b>							
0	No Projects Programmed	0	\$ -	N/A	0	N/A	
					Quantified Impact ►	0	
<b>►Statewide HSIP Program</b>							
0	No Projects Programmed	0	\$ -	N/A	0	N/A	
					Quantified Impact ►	0	

<b>► Statewide Safe Routes to Schools Program</b>						
0	No Projects Programmed	0	\$ -	N/A	0	N/A
					Quantified Impact ►	0
<b>► Statewide CMAQ</b>						
0	No Projects Programmed	0	\$ -	N/A	0	N/A
					Quantified Impact ►	0
<b>► Statewide Transportation Enhancements</b>						
0	No Projects Programmed		\$ -	N/A	0	N/A
					Quantified Impact ►	0
<b>► Statewide ITS</b>						
0	No Projects Programmed		\$ -	N/A	0	N/A
					Quantified Impact ►	0
<b>► Statewide Interstate Maintenance Program</b>						
0	No Projects Programmed		\$ -	N/A	0	N/A
					Quantified Impact ►	0
<b>► Statewide NHS Preservation Program*</b>						
607175	KINGSTON- PLYMOUTH- RESURFACING & RELATED WORK ON ROUTE 3		\$ 11,331,965	N/A	0	N/A
					Quantified Impact ►	0
<b>► Statewide RR Grade Crossings</b>						
0	No Projects Programmed		\$ -	N/A	0	N/A
					Quantified Impact ►	0
<b>► Statewide Stormwater Retrofits</b>						
0	No Projects Programmed		\$ -	N/A	0	N/A
					Quantified Impact ►	0
<b>► Statewide ADA Implementation Plan</b>						
0	No Projects Programmed		\$ -	N/A	0	N/A
					Quantified Impact ►	0
<b>► Other Statewide Items</b>						
0	ABP GANS Repayment		\$ -	N/A	0	N/A
0	Award Adjustments, Change Orders, Project Value Changes, Etc.		\$ -	N/A	0	N/A
0	DBEs, FAPO, Pavement Lab Retrofits, and Misc. Programs		\$ -	N/A	0	N/A
0	Planning		\$ -	N/A	0	N/A
0	Statewide Design and Right of Way		\$ -	N/A	0	N/A
0	Statewide Recreational Trails		\$ -	N/A	0	N/A
					Quantified Impact ►	0
<b>► Section 2A / Non-Federal Projects</b>						
<b>► Non Federal Aid</b>						
0	No Projects Programmed		\$ -	N/A	0	N/A
					Quantified Impact ►	0
<b>► Section 2B / Non-Federal Bridge Projects</b>						
<b>► Section 2B / Non-Federal Bridge Projects</b>						
0	No Projects Programmed		\$ -	N/A	0	N/A
					Quantified Impact ►	0
<b>2016 OLD COLONY TIP GHG Tracking Summary</b>					<b>Total Quantified Impact ▼</b>	
					Quantified Impact ►	-97,552



# 2017 OLD COLONY TIP GHG Tracking

MassDOT Project ID ▼	MassDOT Project Description ▼	Funding Source ▼	Total Programmed Funds ▼	GHG Analysis Type ▼	GHG Impact by the Numbers (kg/year) ▼	GHG Impact Description ▼	Additional Description ▼
<b>►Section 1A / Federal Aid Target Projects</b>							
<b>►HSIP - Highway Safety Improvement Program</b>							
0	No Projects Programmed		\$ -	N/A	0	N/A	
					Quantified Impact ►	0	
<b>►CMAQ - Congestion Mitigation and Air Quality Improvement</b>							
0	PLYMOUTH- IMPROVEMENTS ON OBERY STREET, FROM SOUTH STREET TO A.A. CARANCI WAY/PLYMOUTH NORTH H.S. DRIVE INTERSECTION		\$ 1,424,858	Quantified	583,160	Quantified Decrease in Emissions (See Emissions Analysis Appendix)	
					Quantified Impact ►	583,160	
<b>►TAP - Transportation Alternatives Program</b>							
0	PLYMOUTH- IMPROVEMENTS ON OBERY STREET, FROM SOUTH STREET TO A.A. CARANCI WAY/PLYMOUTH NORTH H.S. DRIVE INTERSECTION		\$ 332,483	Quantified		Quantified Decrease in Emissions (See Emissions Analysis Appendix)	
					Quantified Impact ►	0	
<b>►Non-CMAQ/HSIP/TAP (Other)</b>							
0	PLYMOUTH- IMPROVEMENTS ON OBERY STREET, FROM SOUTH STREET TO A.A. CARANCI WAY/PLYMOUTH NORTH H.S. DRIVE INTERSECTION		\$ 3,426,659	Quantified		Quantified Decrease in Emissions (See Emissions Analysis Appendix)	
					Quantified Impact ►	0	
Available							
<b>►Section 1B / Federal Aid Bridge Projects</b>							
<b>►Statewide Bridge Maintenance Program</b>							
0	No Projects Programmed		\$ -	N/A	0	N/A	
					Quantified Impact ►	0	
<b>►On System</b>							
0	No Projects Programmed		\$ -	N/A	0	N/A	
					Quantified Impact ►	0	
<b>►Off-System</b>							
0	No Projects Programmed		\$ -	N/A	0	N/A	
					Quantified Impact ►	0	
<b>►Statewide Bridge Inspection Program</b>							
0	No Projects Programmed		\$ -	N/A	0	N/A	
0	No Projects Programmed		\$ -	N/A	0	N/A	
					Quantified Impact ►	0	
<b>►Section 1C / Federal Aid Non-Target Projects</b>							
<b>►Other Federal Aid</b>							
0	No Projects Programmed		\$ -	N/A	0	N/A	
					Quantified Impact ►	0	
<b>►Section 1D / Federal Aid Major &amp; State Category Projects</b>							
<b>►Statewide Infrastructure Program</b>							
0	No Projects Programmed	0	\$ -	N/A	0	N/A	
					Quantified Impact ►	0	
<b>►Statewide HSIP Program</b>							
607916	ROUTE 24 SIGN UPGRADE RANDOLPH - FALL RIVER	HSIP	\$ 5,500,000	N/A	0	N/A	
					Quantified Impact ►	0	
<b>►Statewide Safe Routes to Schools Program</b>							
0	No Projects Programmed	0	\$ -	N/A	0	N/A	
					Quantified Impact ►	0	
<b>►Statewide CMAQ</b>							
0	No Projects Programmed	0	\$ -	N/A	0	N/A	
					Quantified Impact ►	0	
<b>►Statewide Transportation Enhancements</b>							
0	No Projects Programmed		\$ -	N/A	0	N/A	
					Quantified Impact ►	0	
<b>►Statewide ITS</b>							
0	No Projects Programmed		\$ -	N/A	0	N/A	
					Quantified Impact ►	0	
<b>►Statewide Interstate Maintenance Program</b>							
0	No Projects Programmed		\$ -	N/A	0	N/A	

<b>► Statewide NHS Preservation Program+</b>					Quantified Impact ►	0
0	No Projects Programmed		\$ -	N/A	0	N/A
					Quantified Impact ►	0
<b>► Statewide RR Grade Crossings</b>						
0	No Projects Programmed		\$ -	N/A	0	N/A
					Quantified Impact ►	0
<b>► Statewide Stormwater Retrofits</b>						
0	No Projects Programmed		\$ -	N/A	0	N/A
					Quantified Impact ►	0
<b>► Statewide ADA Implementation Plan</b>						
0	No Projects Programmed		\$ -	N/A	0	N/A
					Quantified Impact ►	0
<b>► Other Statewide Items</b>						
0	ABP GANS Repayment		\$ -	N/A	0	N/A
0	Award Adjustments, Change Orders, Project Value Changes, Etc.		\$ -	N/A	0	N/A
0	DBEs, FAPO, Pavement Lab Retrofits, and Misc. Programs		\$ -	N/A	0	N/A
0	Planning		\$ -	N/A	0	N/A
0	Statewide Design and Right of Way		\$ -	N/A	0	N/A
0	Statewide Recreational Trails		\$ -	N/A	0	N/A
					Quantified Impact ►	0
<b>► Section 2A / Non-Federal Projects</b>						
<b>► Non Federal Aid</b>						
0	No Projects Programmed		\$ -	N/A	0	N/A
					Quantified Impact ►	0
<b>► Section 2B / Non-Federal Bridge Projects</b>						
<b>► Section 2B / Non-Federal Bridge Projects</b>						
0	No Projects Programmed		\$ -	N/A	0	N/A
					Quantified Impact ►	0
<b>2017 OLD COLONY TIP GHG Tracking Summary</b>					<b>Total Quantified Impact ▼</b>	
					Quantified Impact ►	583,160

# 2018 OLD COLONY TIP GHG Tracking

MassDOT Project ID ▼	MassDOT Project Description ▼	Funding Source ▼	Total Programmed Funds ▼	GHG Analysis Type ▼	GHG Impact by the Numbers (kg/year) ▼	GHG Impact Description ▼	Additional Description ▼
<b>► Section 1A / Federal Aid Target Projects</b>							
<b>► HSIP - Highway Safety Improvement Program</b>							
0	No Projects Programmed		\$ -	N/A	0	N/A	
					Quantified Impact ►	0	
<b>► CMAQ - Congestion Mitigation and Air Quality Improvement</b>							
0	EASTON- INTERSECTION IMPROVEMENTS AT WASHINGTON STREET (ROUTE 138) AND UNION STREET		\$ 1,680,000	Quantified	326,293	Quantified Decrease in Emissions (See Emissions Analysis Appendix)	
					Quantified Impact ►	326,293	
<b>► TAP - Transportation Alternatives Program</b>							
0	PLYMOUTH- RECONSTRUCTION OF TAYLOR AVENUE, FROM WHITE HORSE ROAD TO MANOMET POINT ROAD, INCLUDES P-13-010		\$ 332,483	Qualitative		Assumed Nominal Decrease in Emissions from Bicycle and Sidewalk Improvements	
					Quantified Impact ►	0	
<b>► Non-CMAQ/HSIP/TAP (Other)</b>							
0	PLYMOUTH- RECONSTRUCTION OF TAYLOR AVENUE, FROM WHITE HORSE ROAD TO MANOMET POINT ROAD, INCLUDES P-13-010		\$ 5,386,237	Qualitative		Assumed Nominal Decrease in Emissions from Bicycle and Sidewalk Improvements	
					Quantified Impact ►	0	
Available							
<b>► Section 1B / Federal Aid Bridge Projects</b>							
<b>► Statewide Bridge Maintenance Program</b>							
0	No Projects Programmed		\$ -	N/A	0	N/A	
					Quantified Impact ►	0	
<b>► On System</b>							
0	No Projects Programmed		\$ -	N/A	0	N/A	
					Quantified Impact ►	0	
<b>► Off-System</b>							
0	No Projects Programmed		\$ -	N/A	0	N/A	
					Quantified Impact ►	0	
<b>► Statewide Bridge Inspection Program</b>							
0	No Projects Programmed		\$ -	N/A	0	N/A	
					Quantified Impact ►	0	
<b>► Section 1C / Federal Aid Non-Target Projects</b>							
<b>► Other Federal Aid</b>							
0	No Projects Programmed		\$ -	N/A	0	N/A	
					Quantified Impact ►	0	
<b>► Section 1D / Federal Aid Major &amp; State Category Projects</b>							
<b>► Statewide Infrastructure Program</b>							
0	No Projects Programmed	0	\$ -	N/A	0	N/A	
					Quantified Impact ►	0	
<b>► Statewide HSIP Program</b>							
0	No Projects Programmed	0	\$ -	N/A	0	N/A	
					Quantified Impact ►	0	
<b>► Statewide Safe Routes to Schools Program</b>							
0	No Projects Programmed	0	\$ -	N/A	0	N/A	
					Quantified Impact ►	0	
<b>► Statewide CMAQ</b>							
0	No Projects Programmed	0	\$ -	N/A	0	N/A	
					Quantified Impact ►	0	
<b>► Statewide Transportation Enhancements</b>							
0	No Projects Programmed		\$ -	N/A	0	N/A	
					Quantified Impact ►	0	
<b>► Statewide ITS</b>							
0	No Projects Programmed		\$ -	N/A	0	N/A	
					Quantified Impact ►	0	
<b>► Statewide Interstate Maintenance Program</b>							
0	No Projects Programmed		\$ -	N/A	0	N/A	
					Quantified Impact ►	0	
<b>► Statewide NHS Preservation Program+</b>							
0	No Projects Programmed		\$ -	N/A	0	N/A	
					Quantified Impact ►	0	
<b>► Statewide RR Grade Crossings</b>							
0	No Projects Programmed		\$ -	N/A	0	N/A	
					Quantified Impact ►	0	

<b>► Statewide Stormwater Retrofits</b>						
0	No Projects Programmed		\$ -	N/A	0	N/A
					Quantified Impact ►	0
<b>► Statewide ADA Implementation Plan</b>						
0	No Projects Programmed		\$ -	N/A	0	N/A
					Quantified Impact ►	0
<b>► Other Statewide Items</b>						
0	ABP GANS Repayment		\$ -	N/A	0	N/A
0	Award Adjustments, Change Orders, Project Value Changes, Etc.		\$ -	N/A	0	N/A
0	DBEs, FAPO, Pavement Lab Retrofits, and Misc. Programs		\$ -	N/A	0	N/A
0	Planning		\$ -	N/A	0	N/A
0	Statewide Design and Right of Way		\$ -	N/A	0	N/A
0	Statewide Recreational Trails		\$ -	N/A	0	N/A
					Quantified Impact ►	0
<b>► Section 2A / Non-Federal Projects</b>						
<b>► Non Federal Aid</b>						
0	No Projects Programmed		\$ -	N/A	0	N/A
					Quantified Impact ►	0
<b>► Section 2B / Non-Federal Bridge Projects</b>						
<b>► Section 2B / Non-Federal Bridge Projects</b>						
0	No Projects Programmed		\$ -	N/A	0	N/A
					Quantified Impact ►	0
<b>2018 OLD COLONY TIP GHG Tracking Summary</b>					<b>Total Quantified Impact ▼</b>	
					Quantified Impact ►	326,293

**8. Thirty Day Public Review and Comment Period– Notice of Availability and Comments**

**NOTICE OF PUBLIC COMMENT/REVIEW FOR THE  
DRAFT FFY 2015-2018 TRANSPORTATION IMPROVEMENT PROGRAM (TIP)**

In accordance with the Public Participation Process developed by the Old Colony Metropolitan Planning Organization (MPO), Old Colony Planning Council (OCPC) is making the DRAFT FFY 2014-2017 Transportation Improvement Program (TIP) Amendment, the DRAFT FFY 2015-2018 Transportation Improvement Program (TIP), and the DRAFT FFY 2015 Unified Planning Work Program (UPWP) available for public review and comment. The TIP serves as a prioritized listing of highway, bridge, and transit projects proposed for implementation during the next four (4) federal fiscal years. Copies of these documents are available for review at the OCPC Offices (8:30 a.m. to 4:00 p.m.), at <http://www.ocpcrpa.org/>, and/or upon request. This notice will initiate a 30-Day Public Review and Comment Period. This process will also be used as Brockton Area Transit Authority's (BAT) public participation process. The Brockton Area Transit Authority, the FTA Section 5307(c) applicant, has consulted with the Old Colony Metropolitan Planning Organization and concurs that the public involvement process adopted by the Old Colony MPO for development of the TIP satisfies the public hearing requirements that pertain to the development of the Program of Projects for the regular Section 5307, Urbanized Area Formula Program, grant applications including the provisions for public notice and the time established for public review and comment. A public meeting of the OCPC and Old Colony MPO advisory committee, the Old Colony Joint Transportation Committee (JTC), is scheduled for June 12, 2014 at 12 PM. Furthermore, a public meeting of the Old Colony MPO will be scheduled for later in June 2014 to hear additional public comments and consider endorsement of these Programs. Please contact Charles Kilmer at 508-583-1833 Extension 206 for further information.

Please send written comments to:

Old Colony Planning Council (OCPC)  
70 School Street  
Brockton, MA 02301  
Attention: Charles Kilmer

### Draft FFY 2015-2018 Old Colony Transportation Improvement Program (TIP) Comment Matrix

Date	Name	Representation	Comment	Response
May 27, 2014	Charlie Seelig, Town Administrator	Town of Halifax	Regarding the Draft FFY UPWP for Public Review, Draft FFY 2015-2018 TIP for Public Review, and Draft FFY 2014-2017 TIP Amendment, the project labeled as “606479”, the reconstruction of Route 58 from Langan Street to the Plympton Town Line, should be taken off the list. The Town has decided to make use of its local money to repave as much of this section of Route 58 as possible instead of engaging in a reconstruction project. The reconstruction of Route 106 from the intersection of Route 105 to the Bridgewater town line should be left on the list although it is likely that the Town will decide to repave this portion of the road rather than reconstruct it. Given the current condition, the timeframe to start and finish a reconstruction project would allow the road to deteriorate to a point that it could no longer be used.	Noted. OCPC will notify MassDOT District 5.
June 5, 2014	Leah Slrmin, Community Planner	FHWA	<p>Page 15 - The highway projects by community table- at the top of the table it would be helpful to define what the “TIP Location” terms mean (potential project, other regional priority or a specific year)</p> <p>Page 24 - Need to clarify that the Summary of Funding Categories table is only regional target funds (if that is what it is meant to show). I suggest have a summary somewhere showing total amounts programmed across the various categories to include the statewide listed projects.</p>	<p>Noted. Column heading has been retitled to “Location in TIP” and text added for clarification.</p> <p>Noted. Clarification to title provided to Table 5. Summary of Regional Funding Categories (FFY 2015-2018), and costs of statewide projects in the region added to Table 4. Financial Summary and Targets.</p>
June 9, 2014	Daniel Trabucco,	Town of	The Town of Pembroke is in receipt of the draft FFY 2015-	Noted.

**Draft FFY 2015-2018 Old Colony Transportation Improvement Program (TIP) Comment Matrix**

	<p>Chairman, Board of Selectmen</p>	<p>Pembroke</p>	<p>2018 Old Colony Transportation Improvement Program (TIP).</p> <p>I write today to voice Pembroke’s support of the TIP program and to express our appreciation for the inclusion of two projects that the Town feels are vital to Pembroke’s improvement and enhancement.</p> <p>The Washington Street (Route 53) and Pleasant Street, 3-way un-signalized intersection has been an ongoing concern for the Town residents. The intersection experiences high traffic volumes daily and poses a serious safety concern with the crash data as analyzed. The signalization and geometric improvements included by the OCPC in the FFY 2015-2018 TIP are imperative to the Town’s ongoing prosperity and we enthusiastically endorse this projects inclusion.</p> <p>The Board was gratified to note the reconstruction of Route 14 from the town line in Hanson to Washington Street (Route 53) project in the draft. The plan to widen the roadway to improve bicycle accommodation, in addition to the much needed drainage improvements, new sidewalks and resurfacing is an enhancement that reaches beyond Pembroke to the surrounding communities.</p> <p>In conclusion, the Town of Pembroke wants to thank the Old Colony Planning Council once again for the hard work, diligence, and forethought that went into compiling this</p>	
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**Draft FFY 2015-2018 Old Colony Transportation Improvement Program (TIP) Comment Matrix**

			draft. The Board of Selectmen and the residents are grateful for your efforts.	
June 17, 2014	Sree Allam, MPO Liaison	MassDOT OTP	<p>Move project # 606036, Brockton – Signal &amp; Intersection Improvements @ Linwood Street/ Lorraine Ave. from 2015 to 2016 as recommended by MassDOT District 5 Office.</p> <p>2015: Change fund amount for project #604957, Pembroke - For STP funding category, per ProjectInfo, Total Federal Participating Cost is \$3,372,936, not \$2,278,238. Also, add fund amount of \$ 483,965 for CMAQ funding category for this project.</p> <p>Some pages in the document are left blank (ex: Pages 42 – 50, 55). Please re-check those pages and make the corrections. If they are left blank intentionally, it should be mentioned on the page (s) explicitly.</p> <p>Please update the Statewide Bridge list with the revised and latest list.</p>	<p>Project will be programmed in FFY 2016 (as it is in the FFY 2014-2017 Old Colony TIP).</p> <p>Programming adjustments will be made.</p> <p>Blank pages have been removed.</p> <p>The revised Statewide Bridge list has been added.</p>
June 12, 2014 at Old Colony Joint Transportation Committee (JTC) Meeting	Timothy Kochan, Transportation Planner	MassDOT District 5	MassDOT District 5 does not recommend Brockton Project # 606036 - Signal & Intersection Improvements @ Linwood Street/ Lorraine Avenue for 2015 and the project should be programmed in 2016, as there are extensive Right of Way (ROW) takings, and there is concern about coordination of contractors and traffic management during construction of two adjacent projects.	Project will be programmed in FFY 2016 (as it is in the FFY 2014-2017 Old Colony TIP).
June 12, 2014 at Old Colony Joint	Phil Sheppard, Executive Director of	Massasoit Community	Expressed support for the programming of Brockton Project 606143 - Intersection Improvements @ Crescent	Due to financial constraint requirements, project will



**Draft FFY 2015-2018 Old Colony Transportation Improvement Program (TIP) Comment Matrix**

Transportation Committee (JTC) Meeting	External Relations & Special Assistant to the President	College	Street (Route 27)/Quincy Street/ Massasoit Boulevard in FFY 2017.	remain in Appendix – Other Regional Priorities. However, an amendment to bring the project into FFY 2017 may be possible if a revised cost estimate reduces the project cost.
June 12, 2014	Old Colony Joint Transportation Committee (JTC)	Old Colony Region	The Old Colony Joint Transportation voted unanimously to approve and recommend that the Old Colony MPO endorse the Draft FFY 2015-2018 TIP provided that the staffs of OCPC and MassDOT coordinate and reach a resolution on the implementable programming of Brockton Project # 606036 - Signal & Intersection Improvements @ Linwood Street/ Lorraine Avenue.	OCPC and MassDOT conducted recommended coordination on June 18, 2014, and the Project will be programmed in FFY 2016 (as it is currently programmed in FFY 2016 of the FFY 2014-2017 Old Colony TIP).
June 17, 2014	Clinton Bench, Deputy Executive Director	MassDOT OTP	<p>The Massachusetts Department of Transportation (MassDOT) Office of Transportation Planning (OTP) has reviewed the draft Federal Fiscal Year 2015 to 2018 Transportation Improvement Program (TIP) released by the Old Colony Planning Council (MPO) on May 20, 2014. I would like to take this opportunity to provide feedback on the MPO’s 3C planning process as it relates to the preparation of this document and to comment specifically on the contents of the draft document released for public review.</p> <p>As required under the federal Moving Ahead for Progress in the 21<sup>st</sup> Century (MAP-21) legislation, MPOs must work with the State DOTs to develop performance targets that align with the state’s performance goals. In 2014, the United States Department of Transportation (USDOT) published Notices of Proposed Rulemaking (NPRM’s) for</p>	<p>Noted.</p> <p>Noted.</p>

**Draft FFY 2015-2018 Old Colony Transportation Improvement Program (TIP) Comment Matrix**

		<p>the Safety Performance Measures and Highway Safety Improvement Program (HSIP) and most recently for the Statewide Nonmetropolitan and Metropolitan Transportation Planning. While final rulemakings have not yet been issued, I encourage the MPOs to review the current NPRMs and to the extent possible integrate the anticipated performance metrics into the TIP process by documenting transportation investment decisions in a manner consistent with MAP-21 federal and state targets. The safety NPRMs stipulate the measurement of fatality and serious injury rates and, as currently defined; these safety targets would be applicable to all public roads regardless of ownership and functional classification. The MPO should be apprised of these NPRMs as they relate to the MPO’s role and be afforded the opportunity to provide comments on the Planning NPRM by the deadline of September 2, 2014.</p> <p>As entities receiving federal and state transportation funds for planning studies and capital projects in the Commonwealth, all MPOs must comply with the requirements of the Moving Ahead for Progress in the 21<sup>st</sup> Century (MAP-21) legislation, the Americans with Disabilities Act (ADA), the Clean Air Act, Executive Order 12898; Federal Actions to Address Environmental Justice in Minority and Low-Income populations, Title VI of the Civil Rights Act of 1964, and other state transportation laws. Therefore, I would like to take this opportunity to reiterate the importance of ensuring that the MPO process is accessible to all individuals, including members of the Title VI, Environmental Justice (EJ), and Limited English Proficiency (LEP) communities, as this part of the process continues to be a major priority for the U.S. Department of Transportation as well as the</p>	<p>Noted.</p>
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**Draft FFY 2015-2018 Old Colony Transportation Improvement Program (TIP) Comment Matrix**

		<p>Commonwealth.</p> <p>I encourage a continued emphasis on engaging these populations during the planning process and throughout all transportation planning-related efforts in accordance with the Region’s public participation plan. Under these requirements, MPO’s are the entities charged with ensuring public participation in the spending of federal funds, and therefore have a primary responsibility for outreach and civic engagement in the development of the TIP. MPOs should continue to strive towards implementing their adopted public participation plans in a way that meets the requirements and guiding principles of MassDOT’s public participation plan, such as Promote Respect, Provide Proactive and Timely Opportunities for Involvement, Provide a Clear, Focused, and Predictable Process, Foster Diversity and Inclusiveness.</p> <p>I commend the MPO for its efforts in holding MPO meetings on March 18<sup>th</sup>, April 23<sup>rd</sup>, April 15<sup>th</sup>, May 20<sup>th</sup>, and June 24<sup>th</sup> to present the TIP development process and the scoring of projects, to propose the draft TIP, and to endorse the Final TIP respectively. I urge the MPO to ensure that the TIP and any subsequent amendments are fully accessible to members of the public as published and that all MPO meetings are held in a manner that fulfills MassDOT’s Accessible Meeting Policy. In addition, I recommend that the MPO review and update its guidelines and standard practices if necessary, for developing the TIP and TIP amendments to ensure a transparent and open process. This process should include the posting of the TIP and TIP amendments in an accessible format on the MPO’s website in advance on meeting to enable members of the public to participate</p>	<p>Noted.</p> <p>Noted.</p>
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**Draft FFY 2015-2018 Old Colony Transportation Improvement Program (TIP) Comment Matrix**

		<p>and to provide feedback. Updating the TIP project lists whenever they are amended, and ensuring that the TIP project lists are labeled with the number and date of the latest amendment is recommended. We also recommend that the MPO review its website and update procedures to ensure that meeting notices, Title VI information and all MPO documents are readily accessible, easy to locate online and kept current throughout the year.</p> <p>In response to MassDOT’s policy goals resulting from initiatives such as GreenDOT and the Healthy Transportation Compact, MPOs must incorporate critical elements such as mode shift and sustainability into the region’s planning process. MassDOT’s GreenDOT initiative, designed in response to several state laws is driven by three primary goals: reduce GHG emissions, promote healthy transportation options of walking, biking, and taking public transit, and finally promote smart growth development. MPOs must continue to seek ways to incorporate these goals in the planning process and ultimately program projects in the TIP that focus on achieving these goals. MPOs should also monitor the work of the Project Selection Advisory Council which will conduct public hearings over the next several months. MassDOT will issue its recommendation to the Legislature, by December 31, 2014. The Council report will outline a set of uniform project selection criteria and multi-modal prioritization formula to inform project selection in the Commonwealth.</p> <p>Over the past several months, MassDOT has deployed updates to its custom developed database for compiling the State Transportation Improvement Program (STIP). I would like to thank MPO staff for working with us</p>	<p>Noted.</p>
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**Draft FFY 2015-2018 Old Colony Transportation Improvement Program (TIP) Comment Matrix**

		<p>through this process and for their efforts to utilize and improve upon the standardized TIP template. The MassDOT Office of Transportation Planning appreciates the suggestions and feedback received from each MPO staff. These suggestions have been implemented or will be considered for future iterations of the template with the goal of streamlining the development, approval and amendment of the STIP. As part of the revisions to the TIP project tables, the funding categories have been aligned with MAP-21 programs. It is important that the format and the formulas of the TIP project tables are not modified as project listings are compiled or amended. Please continue to adhere to the new format in order to ensure accuracy and expediency in STIP development and amendment approvals. In preparing to endorse the 2015-2018 TIP, the MPO should bear in mind that the Congestion Mitigation and Air Quality (CMAQ) and Highway Safety Improvement Program (HSIP) components of the regional target are a minimum, and that the MPO staff should work with the proponents of regional target projects, OTP, and the Highway Division to leverage CMAQ and HSIP funds to the maximum extent possible within the overall regional target. Again, in preparing the final TIP project tables, please be sure not to make any unintentional changes to the template and the calculations of regional targets, minimum and maximum.</p> <p>The MPO should also make every effort to program the full amount of their regional target for all TIP years. The closer the year, the more important full programming is. Given all of our transportation system's needs, and all of the deserving projects, I encourage each MPO to identify projects that will fully utilize available target funds in all</p>	<p>Noted.</p>
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**Draft FFY 2015-2018 Old Colony Transportation Improvement Program (TIP) Comment Matrix**

		<p>of the TIP years. If the regional targets are not fully programmed, the MPO should work with the Highway Division districts and with the regional municipalities in a timely fashion to identify additional projects.</p> <p>During this TIP development cycle, the MassDOT Rail and Transit Division has fully implemented its BlackCat GrantsPlus+ application for creating and managing the TIP transit project lists. This application is an information Technology- based automated system where the MassDOT Rail and Transit Division, OTP, and the MPOs access a single project database to jointly review and amend transit projects throughout the fiscal year. The MassDOT Rail and Transit Division has recently updated the project descriptions to improve transparency for the TIP transit projects. In order to ensure that the most up to date transit project list is made available to the public, the MPO should include the most current TIP list from Grant Plus+ all materials for public review. In addition, MassDOT Rail and Transit will work with the Federal Transit Administration (FTA), MPO staff and OTP staff to formalize written procedures for transit project programming, amendments and adjustments using the Grants Plus+ tool and in accordance with state and federal requirements.</p> <p>In addition to the preceding guidance, please note the following comments specific to the information contained in the Old Colony Planning Council DRAFT 2015-2018 TIP.</p> <p>Move project # 606036, Brockton – Signal &amp; Intersection Improvements @ Linwood Street/ Lorraine Ave. from 2015 to 2016 as recommended by MassDOT District 5</p>	<p>Noted.</p> <p>Noted.</p> <p>Project will be programmed in FFY 2016 (as it is in the FFY 2014-2017 Old Colony TIP).</p>
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**Draft FFY 2015-2018 Old Colony Transportation Improvement Program (TIP) Comment Matrix**

			<p>Office.</p> <p>2015: Change fund amount for project #604957, Pembroke - For STP funding category, per ProjectInfo, Total Federal Participating Cost is \$3,372,936, not \$2,278,238. Also, add fund amount of \$ 483,965 for CMAQ funding category for this project.</p> <p>Some pages in the document are left blank (ex: Pages 42 – 50, 55). Please re-check those pages and make the corrections. If they are left blank intentionally, it should be mentioned on the page (s) explicitly.</p> <p>Please update the Statewide Bridge list with the revised and latest list.</p> <p>I commend the OCPC MPO member and staff for their hard work in creating an accessible and comprehensive document. I recognize the thorough, full and open public process that the MPO membership and staff fulfill, especially in respect to the preparation of certification documents such as the TIP. Please contact me at (857) 368-8838 or Sreelatha Allam at (857) 368-8843 if you have any further questions.</p>	<p>Programming adjustments will be made.</p> <p>Blank pages have been removed.</p> <p>The revised Statewide Bridge list has been added.</p> <p>Noted.</p>
June 20, 2014	Mary-Joe Perry, District Highway Director	MassDOT District 5	<p>Subject: Proposed Old Colony Metropolitan Organization (MPO) Transportation Improvement Program (TIP) for Federal Fiscal Years 2015 to 2018 MassDOT Project 606036: Brockton – Traffic Signal and Intersection Improvements at Route 123 (Belmont Street)/ Linwood Street/ Lorraine Avenue</p> <p>On behalf of MassDOT Highway Division, this letter is to</p>	<p>Project will be programmed in FFY 2016 (as it is in the FFY 2014-2017 Old Colony TIP).</p>

**Draft FFY 2015-2018 Old Colony Transportation Improvement Program (TIP) Comment Matrix**

		<p>inform you of District 5’s position regarding the proposed programming of the above referenced project in program year 2015 of the Old Colony region’s upcoming 2015-2018 TIP.</p> <p>Recently it was brought to the District’s attention that the Old Colony Planning Council was proposing to advance the programming of this project in the 2015-2018 TIP by moving it forward from program year 2016 to program year 2015. The proposal was being done in part to stage the project directly behind the Belmont Street/ V.A. Hospital/ Manley Street construction project. MassDOT is currently in the process of terminating the active contract due to unforeseen scheduling circumstances.</p> <p>Due in part to the anticipated Right-of-Way requirements, the project may not be a good candidate for program year 2015. MassDOT is planning to re-advertise the Belmont Street/ V.A. Hospital/ Manley Street project once the termination is complete. The new schedule will likely take place during the 2015 construction season. MassDOT’s goal is to minimize overlap of construction activities on both projects.</p> <p>Please note the Old Colony Planning Council transportation planning staff participated in a joint conference call with various MassDOT sections within the Boston headquarters and the District earlier this spring. The discussion included the status and prospective programming of projects planned for the 2015-2018 TIP. The consensus among all parties was that the Belmont Street/ Linwood Street/ Lorraine Avenue project would fit best in program year 2016.</p>	
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**Draft FFY 2015-2018 Old Colony Transportation Improvement Program (TIP) Comment Matrix**

			<p>The District requests the MPO concur with the recommendation provided above when it meets next Tuesday, June 24 to endorse the 2015-2018 TIP.</p> <p>If you have any questions regarding this letter, please contact Pamela Haznar, P.E., District Project Development Engineer, at (508) 884-4239. District 5 looks forward to working with you and the City of Brockton as these projects move forward to completion.</p>	
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Comments as of June 20, 2014

**9. Administrative Modifications and Amendments**

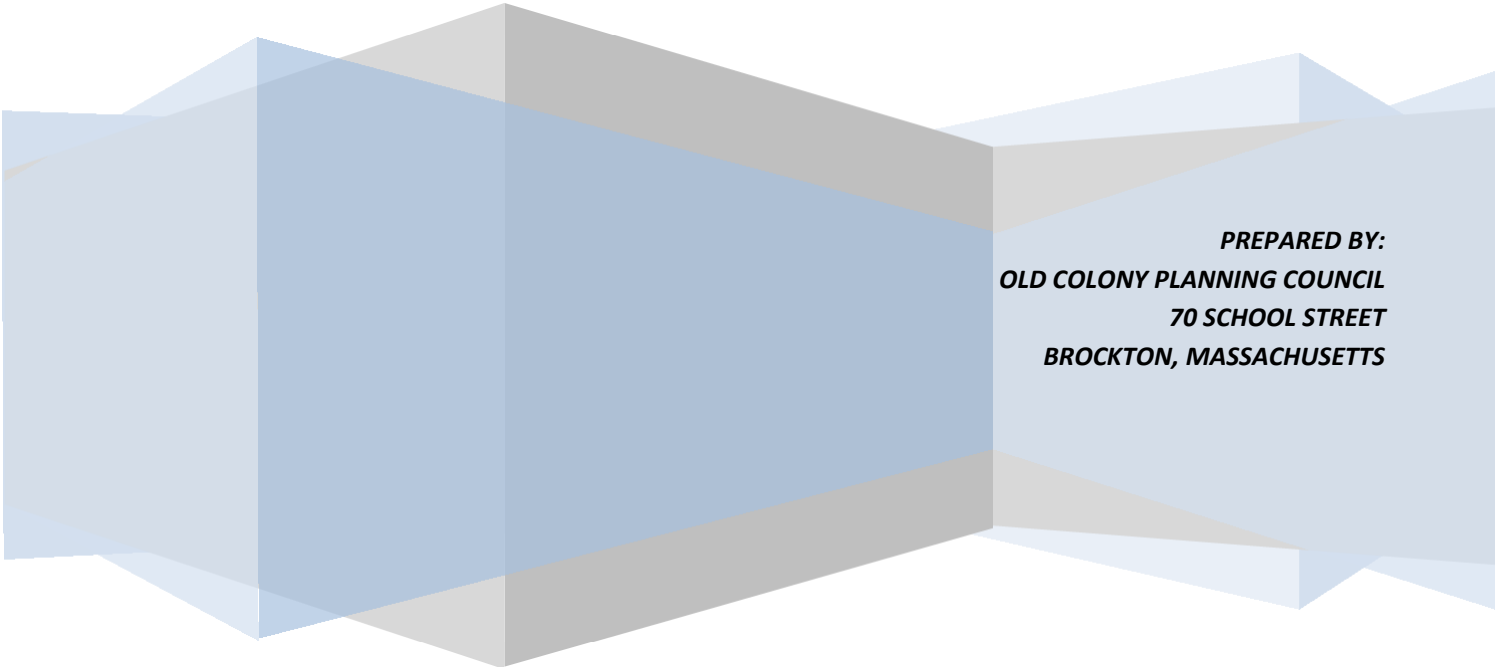
Administrative Modifications and/ or Amendments, should they take place during the course of FFY 2014, shall be included in this section.

OLD COLONY METROPOLITAN PLANNING ORGANIZATION (MPO)

# **FFY 2015-2018 OLD COLONY TRANSPORTATION IMPROVEMENT PROGRAM (TIP) AMENDMENT 1**

- **ENDORSED BY THE OLD COLONY MPO ON JANUARY 29, 2015**

*PREPARED IN COOPERATION WITH THE BROCKTON AREA TRANSIT AUTHORITY,  
THE MASSACHUSETTS DEPARTMENT OF TRANSPORTATION (#69649),  
THE FEDERAL HIGHWAY ADMINISTRATION, AND  
THE FEDERAL TRANSIT ADMINISTRATION*



**PREPARED BY:  
OLD COLONY PLANNING COUNCIL  
70 SCHOOL STREET  
BROCKTON, MASSACHUSETTS**

# Notice of Nondiscrimination Rights and Protections to Beneficiaries

## Federal "Title VI/Nondiscrimination" Protections

The Old Colony Metropolitan Planning Organization (MPO) operates its programs, services, and activities in compliance with federal nondiscrimination laws including Title VI of the Civil Rights Act of 1964 (Title VI), the Civil Rights Restoration Act of 1987, and related statutes and regulations. Title VI prohibits discrimination in federally assisted programs and requires that no person in the United States of America shall, on the grounds of **race, color, or national origin** (including **limited English proficiency**), be excluded from participation in, be denied the benefits of, or be otherwise subjected to discrimination under any program or activity receiving federal assistance. Related federal nondiscrimination laws administered by the Federal Highway Administration, the Federal Transit Administration, or both prohibit discrimination on the basis of **age, sex, and disability**. These protected categories are contemplated within the Old Colony MPO's Title VI Programs consistent with federal interpretation and administration. Additionally, the Old Colony MPO provides meaningful access to its programs, services, and activities to individuals with limited English proficiency, in compliance with US Department of Transportation policy and guidance on federal Executive Order 13166.

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## Additional Information

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Pat Ciaramella  
70 School Street  
Brockton, MA 02301  
508-583-1833 Extension 202  
pciaramella@ocpcrpa.org

Title VI Specialist  
MassDOT, Office of Diversity and Civil Rights  
10 Park Plaza  
Boston, MA 02116  
857-368-8580  
TTY: 857-368-0603  
[MASSDOT.CivilRights@state.ma.us](mailto:MASSDOT.CivilRights@state.ma.us)

Complaint Filing

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Boston, MA 02109  
617-994-6000  
TTY: 617-994-6196

Translation

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**Arabic:** في 508-583-508 امتداد Ciaramella.202 إذا كانت هناك حاجة هذه المعلومات في لغة أخرى، يرجى الاتصال بات


*Updated March 2014*

*Old Colony Planning Council*

**OLD COLONY METROPOLITAN PLANNING ORGANIZATION (MPO)**

**ENDORSEMENT OF  
FFY 2015-2018 OLD COLONY TRANSPORTATION IMPROVEMENT PROGRAM (TIP)  
AMENDMENT 1**

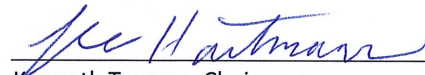
This is to certify that the Signatories of the Old Colony Metropolitan Planning Organization, at their Old Colony MPO meeting on January 29, 2015, hereby approve and endorse the FFY 2015-2018 Old Colony Transportation Improvement Program (TIP) Amendment 1 in its entirety for the Old Colony Region, in accordance with the certified 3C Transportation Planning Process.

  
\_\_\_\_\_  
Frank DePaola, P.E., Acting Secretary and CEO  
Massachusetts Department of Transportation

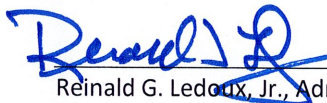
29 Jan 15   
Date The Honorable Bill Carpenter, Mayor  
City of Brockton

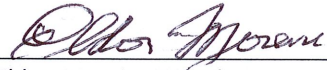
1/29/15  
Date

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Frank DePaola, P.E., Highway Administrator  
Massachusetts Department of Transportation

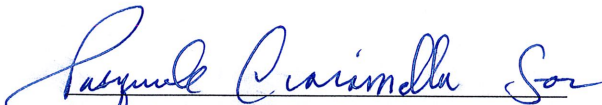
For   
Date Kenneth Tavares, Chairman  
Plymouth, Board of Selectmen


1/29/15  
Date

  
\_\_\_\_\_  
Reinald G. Ledoux, Jr., Administrator  
Brockton Area Transit

29 Jan 2015   
Date Eldon Moreira, Member  
West Bridgewater, Board of selectmen

1/29/15  
Date

  
\_\_\_\_\_  
Lee Hartmann, AICP, President  
Old Colony Planning Council

1-29-15   
Date Daniel Salvucci, Vice-Chairman  
Whitman, Board of selectmen

1/29/15  
Date

# 2015 Old Colony Transportation Improvement Program

05/20/2014 Draft Released  
06/24/2014 Endorsed

12/16/2014 TIP Amendment 1 Released  
01/29/2015 TIP Amendment 1 Endorsed

Amendment/Adjustment Type ▼	MassDOT Project ID ▼	MPO ▼	Municipality Name ▼	MassDOT Project Description ▼	MassDOT District ▼	Funding Source ▼	Total Programmed Funds ▼	Federal Funds ▼	Non-Federal Funds ▼	Additional Information ▼
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► Section 1A / Federal Aid Target Projects

► HSIP - Highway Safety Improvement Program

AMENDMENT 1: Add Project	604957	Old Colony	Brockton	BROCKTON-PEDESTRIAN IMPROVEMENTS AT VARIOUS LOCATIONS	5	HSIP	\$ 506,616	\$ 455,954	\$ 50,662	HSIP, YOE IS \$506,616
HSIP Subtotal ►							\$ 506,616	\$ 455,954	\$ 50,662	◀ 90% Federal + 10% Non-Federal

► CMAQ - Congestion Mitigation and Air Quality Improvement Program

	604957	Old Colony	Pembroke	PEMBROKE-RECONSTRUCTION ON ROUTE 14, FROM THE HANSON T.L. TO WASHINGTON STREET (ROUTE 53) AC PHASE 1 OF 2	5	CMAQ	\$ 1,709,829	\$ 1,367,863	\$ 341,966	CMAQ/ TAP/ STP; YOE is \$6,732,869; 100 Percent Design; TEC Score is 7
CMAQ Subtotal ►							\$ 1,709,829	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal

► TAP - Transportation Alternatives Program

	604957	Old Colony	Pembroke	PEMBROKE-RECONSTRUCTION ON ROUTE 14, FROM THE HANSON T.L. TO WASHINGTON STREET (ROUTE 53) AC PHASE 1 OF 2	5	TAP	\$ 300,009	\$ 240,007	\$ 60,002	CMAQ/ TAP/ STP; YOE is \$6,732,869; 100 Percent Design; TEC Score is 7
TAP Subtotal ►							\$ 300,009	\$ 240,007	\$ 60,002	◀ 80% Federal + 20% Non-Federal

► Non-CMAQ/HSIP/TAP (Other)

	604957	Old Colony	Pembroke	PEMBROKE-RECONSTRUCTION ON ROUTE 14, FROM THE HANSON T.L. TO WASHINGTON STREET (ROUTE 53) AC PHASE 1 OF 2	5	STP	\$ 4,723,031	\$ 3,778,425	\$ 944,606	CMAQ/ TAP/ STP; YOE is \$6,732,869; 100 Percent Design; TEC Score is 7
Non-CMAQ/HSIP/TAP (Other) Subtotal ►							\$ 4,723,031	\$ 3,778,425	\$ 944,606	◀ 80% Federal + 20% Non-Federal

► Section 1A / Fiscal Constraint Analysis

Total Federal Aid Target Funds Programmed ►	\$ 7,239,485	\$ 7,239,485	◀ Total Target	\$ -	Target Funds Available
Total Non-CMAQ/HSIP/TAP (Other) Programmed ►	\$ 4,723,031	\$ 4,723,031	◀ Max. Non-CMAQ/HSIP/TAP	\$ -	Non-CMAQ/HSIP/TAP (Other) /
Total HSIP Programmed ►	\$ 506,616	\$ 506,616	◀ Min. HSIP	\$ -	HSIP Minimum Met
Total CMAQ Programmed ►	\$ 1,709,829	\$ 1,709,829	◀ Min. CMAQ	\$ -	CMAQ Minimum Met
Total TAP Programmed ►	\$ 300,009	\$ 300,009	◀ Min. TAP	\$ -	TAP Minimum Met
Remaining HSIP, CMAQ, and TAP Funds \$	-				

► Section 1B / Federal Aid Bridge Projects

► Statewide Bridge Maintenance Program

				No Projects Programmed			\$ -	\$ -	\$ -	
Statewide Bridge Maintenance Program Subtotal ►							\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal

► On System

				No Projects Programmed			\$ -	\$ -	\$ -	
On System Subtotal ►							\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal

► Off-System

				No Projects Programmed			\$ -	\$ -	\$ -	
Off-System Subtotal ►							\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal

► Statewide Bridge Inspection Program

				No Projects Programmed			\$ -	\$ -	\$ -	
Statewide Bridge Inspection Program Subtotal ►							\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal

► Section 1C / Federal Aid Non-Target Projects

► Other Federal Aid

				No Projects Programmed			\$ -	\$ -	\$ -	
Other Federal Aid Subtotal ►							\$ -	\$ -	\$ -	◀ Funding Split Varies by Funding Source

► Section 1D / Federal Aid Major & State Category Projects

► Statewide Infrastructure Program

				No Projects Programmed			\$ -	\$ -	\$ -	
Statewide Infrastructure Program Subtotal ►							\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal

► Statewide HSIP Program



			No Projects Programmed		\$ -	\$ -	\$ -	
				Statewide HSIP Program Subtotal ▶	\$ -	\$ -	\$ -	◀ 90% Federal + 10% Non-Federal
<b>► Statewide Safe Routes to Schools Program</b>								
			No Projects Programmed		\$ -	\$ -	\$ -	Funding Split Varies by Funding Source
				Statewide Safe Routes to Schools Program Subtotal ▶	\$ -	\$ -	\$ -	◀ Funding Split Varies by Funding Source
<b>► Statewide CMAQ</b>								
			No Projects Programmed		\$ -	\$ -	\$ -	
				Statewide CMAQ ▶	\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal
<b>► Statewide Transportation Enhancements</b>								
			No Projects Programmed		\$ -	\$ -	\$ -	
				Statewide Transportation Enhancements Subtotal ▶	\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal
<b>► Statewide ITS</b>								
			No Projects Programmed		\$ -	\$ -	\$ -	
				Statewide ITS Subtotal ▶	\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal
<b>► Statewide Interstate Maintenance Program</b>								
			No Projects Programmed		\$ -	\$ -	\$ -	
				Statewide Interstate Maintenance Program Subtotal ▶	\$ -	\$ -	\$ -	◀ 90% Federal + 10% Non-Federal
<b>► Statewide NHS Preservation Program+</b>								
			No Projects Programmed		\$ -	\$ -	\$ -	
				Statewide NHS Preservation Program Subtotal ▶	\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal
<b>► Statewide RR Grade Crossings</b>								
			No Projects Programmed		\$ -	\$ -	\$ -	
				Statewide RR Grade Crossings Subtotal ▶	\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal
<b>► Statewide Stormwater Retrofits</b>								
			No Projects Programmed		\$ -	\$ -	\$ -	
				Statewide Stormwater Retrofits Subtotal ▶	\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal
<b>► Statewide ADA Implementation Plan</b>								
			No Projects Programmed		\$ -	\$ -	\$ -	
				Statewide ADA Implementation Plan Subtotal ▶	\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal
<b>► Other Statewide Items</b>								
			ABP GANS Repayment		\$ -	\$ -	\$ -	
			Award Adjustments, Change Orders, Project Value Changes, Etc.		\$ -	\$ -	\$ -	
			DBEs, FAPO, Pavement Lab Retrofits, and Misc. Programs		\$ -	\$ -	\$ -	
			Planning		\$ -	\$ -	\$ -	
			Statewide Design and Right of Way		\$ -	\$ -	\$ -	
			Statewide Recreational Trails		\$ -	\$ -	\$ -	
				Other Statewide Items Subtotal ▶	\$ -	\$ -	\$ -	◀ Funding Split Varies by Funding Source
<b>► Section 2A / Non-Federal Projects</b>								
<b>► Non Federal Aid</b>								
			No Projects Programmed	NFA	\$ -	\$ -	\$ -	
				Non-Federal Aid Subtotal ▶	\$ -	\$ -	\$ -	◀100% Non-Federal
<b>► Section 2B / Non-Federal Bridge Projects</b>								
<b>► Section 2B / Non-Federal Bridge Projects</b>								
			No Projects Programmed	NFA	\$ -	\$ -	\$ -	
				Section 2B / Non-Federal Bridge Projects Subtotal ▶	\$ -	\$ -	\$ -	◀100% Non-Federal

<b>2015</b>	<b>Old Colony TIP Summary</b>		<b>TIP Section 1: ▼</b>		<b>TIP Section 2: ▼</b>		<b>Total of All Projects ▼</b>	
	Total ▶	\$ 5,529,656	\$ -	\$ 5,529,656	◀ Total Spending in Region			
	Federal Funds ▶	\$ 4,474,386	\$ -	\$ 4,474,386	◀ Total Federal Spending in Region			
	Non-Federal Funds ▶	\$ 1,055,270	\$ -	\$ 1,055,270	◀ Total Non-Federal Spending in Region			

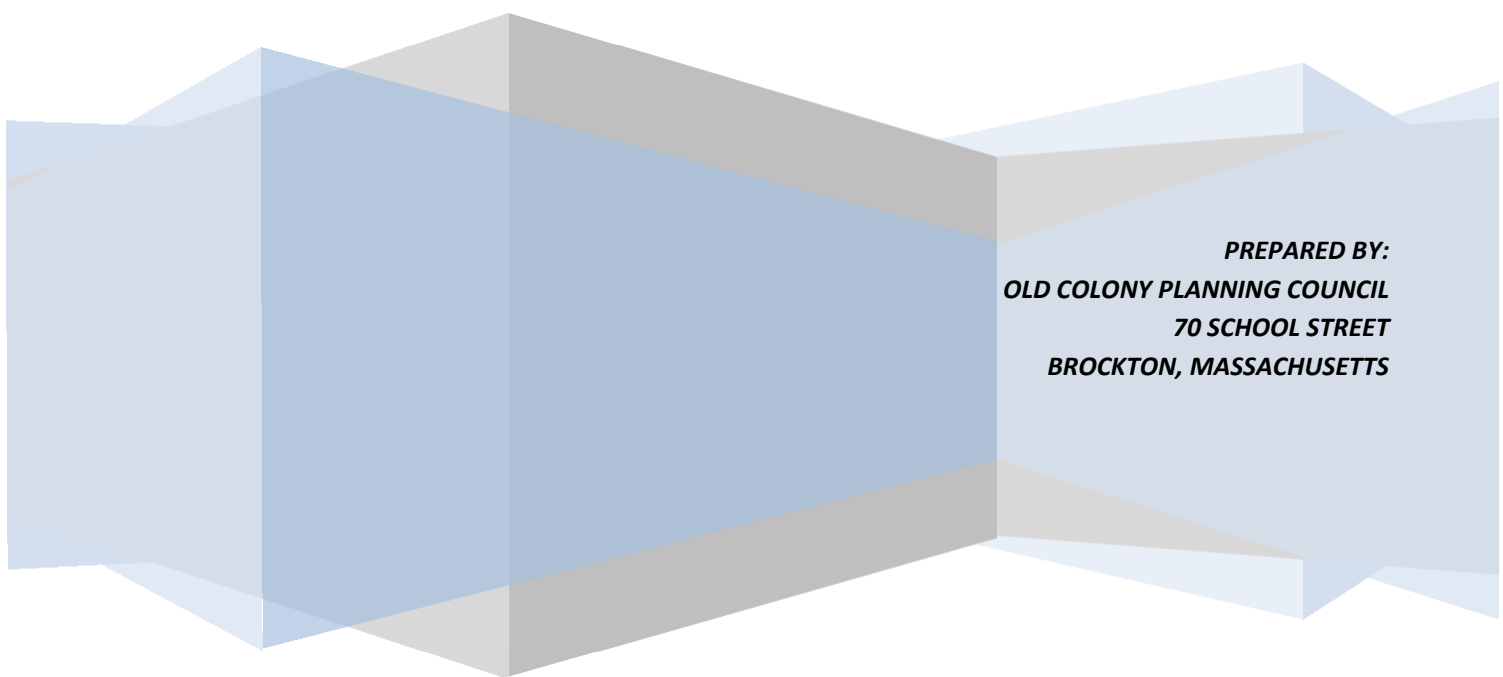
701 CMR 7.00 Use of Road Flaggers and Police Details on Public Works Projects / 701 CMR 7.00 (the Regulation) was promulgated and became law on October 3, 2008. Under this Regulation, the CMR is applicable to any Public works Project that is performed within the limits of, or that impact traffic on, any Public Road. The Municipal Limitation referenced in this Regulation is applicable only to projects where the Municipality is the Awarding Authority. For all projects contained in the TIP, the Commonwealth is the Awarding Authority. Therefore, all projects must be considered and implemented in accordance with 701 CMR 7.00, and the Road Flagger and Police Detail Guidelines. By placing a project on the TIP, the Municipality acknowledges that 701 CMR 7.00 is applicable to its project and design and construction will be fully compliant with this Regulation. This information, and additional information relative to guidance and implementation of the Regulation can be found at the following link on the MassDOT Highway Division website: <http://www.massdot.state.ma.us/Highway/flaggers/main.aspx>

OLD COLONY METROPOLITAN PLANNING ORGANIZATION (MPO)

# **FFY 2015-2018 OLD COLONY TRANSPORTATION IMPROVEMENT PROGRAM (TIP) AMENDMENT 2**

- **ENDORSED BY THE OLD COLONY MPO ON MARCH 17, 2015**

*PREPARED IN COOPERATION WITH THE BROCKTON AREA TRANSIT AUTHORITY,  
THE MASSACHUSETTS DEPARTMENT OF TRANSPORTATION (#69649),  
THE FEDERAL HIGHWAY ADMINISTRATION, AND  
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**PREPARED BY:  
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70 SCHOOL STREET  
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*Updated February 2015*

*Old Colony Planning Council*

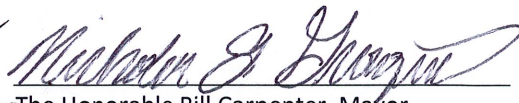
OLD COLONY METROPOLITAN PLANNING ORGANIZATION (MPO)

ENDORSEMENT OF  
FFY 2015-2018 OLD COLONY TRANSPORTATION IMPROVEMENT PROGRAM (TIP)  
AMENDMENT 2

This is to certify that the Signatories of the Old Colony Metropolitan Planning Organization, at their Old Colony MPO meeting on March 17, 2015, hereby approve and endorse the FFY 2015-2018 Old Colony Transportation Improvement Program (TIP) Amendment 2 in its entirety for the Old Colony Region, in accordance with the certified 3C Transportation Planning Process.

  
Stephanie Pollack, Secretary and CEO  
Massachusetts Department of Transportation

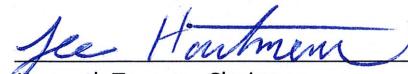
17 Mar 15  
Date

  
The Honorable Bill Carpenter, Mayor  
City of Brockton

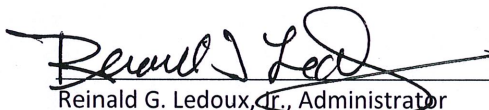
3/17/15  
Date

  
Thomas Tinlin, Acting Highway Administrator  
Massachusetts Department of Transportation

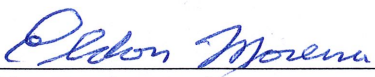
3/17/15  
Date

  
Kenneth Tavares, Chairman  
Plymouth, Board of Selectmen

3/17/15  
Date

  
Reinald G. Ledoux, Jr., Administrator  
Brockton Area Transit


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Eldon Moreira, Member  
West Bridgewater, Board of selectmen

3/17/15  
Date

  
Lee Hartmann, AICP, President  
Old Colony Planning Council

3-17-15  
Date

  
Daniel Salvucci, Vice-Chairman  
Whitman, Board of selectmen

3/17/15  
Date

# 2015 Old Colony Transportation Improvement Program

05/20/2014 Draft Released

12/16/2014 TIP Amendment 1 Released

01/29/2015 TIP Amendment 2 Released

06/24/2014 Endorsed

01/29/2015 TIP Amendment 1 Endorsed

03/17/2015 TIP Amendment 2 Endorsed

Amendment/Adjustment Type ▼	MassDOT Project ID ▼	MPO ▼	Municipality Name ▼	MassDOT Project Description ▼	MassDOT District ▼	Funding Source ▼	Total Programmed Funds ▼	Federal Funds ▼	Non-Federal Funds ▼	Additional Information ▼
<b>► Section 1A / Federal Aid Target Projects</b>										
<b>► HSIP - Highway Safety Improvement Program</b>										
AMENDMENT 1: Add Project	608087	Old Colony	Brockton	BROCKTON-PEDESTRIAN IMPROVEMENTS AT VARIOUS LOCATIONS	5	HSIP	\$ 506,616	\$ 455,954	\$ 50,662	HSIP, YOE IS \$506,616
AMENDMENT 2: Add Project	608025	Old Colony	Brockton	BROCKTON-CORRIDOR IMPROVEMENTS ON ROUTE 123 (BELMONT STREET), INCLUDING TRAFFIC SIGNALS UPGRADING AT MANLEY STREET AND THE V.A. HOSPITAL	5	HSIP	\$ 455,954	\$ 410,359	\$ 45,595	HSIP/ STP/ Statewide Infrastructure Program; 100 Percent Design; YOE is \$4,071,487.60; Formerly 602606
<b>HSIP Subtotal ►</b>							<b>\$ 962,570</b>	<b>\$ 866,313</b>	<b>\$ 96,257</b>	<b>◀ 90% Federal + 10% Non-Federal</b>
<b>► CMAQ - Congestion Mitigation and Air Quality Improvement Program</b>										
	604957	Old Colony	Pembroke	PEMBROKE-RECONSTRUCTION ON ROUTE 14, FROM THE HANSON T.L. TO WASHINGTON STREET (ROUTE 53) AC PHASE 1 OF 2	5	CMAQ	\$ 1,709,829	\$ 1,367,863	\$ 341,966	CMAQ/ TAP/ STP; YOE is \$6,732,869; 100 Percent Design; TEC Score is 7
<b>CMAQ Subtotal ►</b>							<b>\$ 1,709,829</b>	<b>\$ 1,367,863</b>	<b>\$ 341,966</b>	<b>◀ 80% Federal + 20% Non-Federal</b>
<b>► TAP - Transportation Alternatives Program</b>										
	604957	Old Colony	Pembroke	PEMBROKE-RECONSTRUCTION ON ROUTE 14, FROM THE HANSON T.L. TO WASHINGTON STREET (ROUTE 53) AC PHASE 1 OF 2	5	TAP	\$ 300,009	\$ 240,007	\$ 60,002	CMAQ/ TAP/ STP; YOE is \$6,732,869; 100 Percent Design; TEC Score is 7
<b>TAP Subtotal ►</b>							<b>\$ 300,009</b>	<b>\$ 240,007</b>	<b>\$ 60,002</b>	<b>◀ 80% Federal + 20% Non-Federal</b>
<b>► Non-CMAQ/HSIP/TAP (Other)</b>										
AMENDMENT 2: Add Project	608025	Old Colony	Brockton	BROCKTON-CORRIDOR IMPROVEMENTS ON ROUTE 123 (BELMONT STREET), INCLUDING TRAFFIC SIGNALS UPGRADING AT MANLEY STREET AND THE V.A. HOSPITAL	5	STP	\$ 2,847,976	\$ 2,278,381	\$ 569,595	HSIP/ STP/ Statewide Infrastructure Program; 100 Percent Design; YOE is \$4,071,487.60; Formerly 602606
	604957	Old Colony	Pembroke	PEMBROKE-RECONSTRUCTION ON ROUTE 14, FROM THE HANSON T.L. TO WASHINGTON STREET (ROUTE 53) AC PHASE 1 OF 2	5	STP	\$ 4,723,031	\$ 3,778,425	\$ 944,606	CMAQ/ TAP/ STP; YOE is \$6,732,869; 100 Percent Design; TEC Score is 7
<b>Non-CMAQ/HSIP/TAP (Other) Subtotal ►</b>							<b>\$ 7,571,007</b>	<b>\$ 6,056,806</b>	<b>\$ 1,514,201</b>	<b>◀ 80% Federal + 20% Non-Federal</b>
<b>► Section 1A / Fiscal Constraint Analysis</b>										
<b>Total Federal Aid Target Funds Programmed ►</b>							<b>\$ 10,543,415</b>	<b>\$ 7,239,485</b>	<b>◀ Total Target</b>	<b>\$ (3,303,930)</b> <b>Funds Over Programmed</b>
<b>Total Non-CMAQ/HSIP/TAP (Other) Programmed ►</b>							<b>\$ 7,571,007</b>	<b>\$ 4,723,031</b>	<b>◀ Max. Non-CMAQ/HSIP/TAP</b>	<b>\$ (3,303,930)</b> <b>Non-CMAQ/HSIP/TAP (Other) E</b>
<b>Total HSIP Programmed ►</b>							<b>\$ 962,570</b>	<b>\$ 506,616</b>	<b>◀ Min. HSIP</b>	<b>\$ (455,954)</b> <b>HSIP Minimum Met</b>
<b>Total CMAQ Programmed ►</b>							<b>\$ 1,709,829</b>	<b>\$ 1,709,829</b>	<b>◀ Min. CMAQ</b>	<b>\$ -</b> <b>CMAQ Minimum Met</b>
<b>Total TAP Programmed ►</b>							<b>\$ 300,009</b>	<b>\$ 300,009</b>	<b>◀ Min. TAP</b>	<b>\$ -</b> <b>TAP Minimum Met</b>
<b>HSIP, CMAQ, TAP Overprogrammed</b>							<b>\$ (455,954)</b>			
<b>► Section 1B / Federal Aid Bridge Projects</b>										
<b>► Statewide Bridge Maintenance Program</b>										
				No Projects Programmed			\$ -	\$ -	\$ -	
<b>Statewide Bridge Maintenance Program Subtotal ►</b>							<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>◀ 80% Federal + 20% Non-Federal</b>
<b>► On System</b>										
				No Projects Programmed			\$ -	\$ -	\$ -	

On System Subtotal ▶ \$ - \$ - \$ - ◀ 80% Federal + 20% Non-Federal

▶ Off-System				No Projects Programmed	\$ -	\$ -	\$ -	
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Off-System Subtotal ▶ \$ - \$ - \$ - ◀ 80% Federal + 20% Non-Federal

▶ Statewide Bridge Inspection Program				No Projects Programmed	\$ -	\$ -	\$ -	
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Statewide Bridge Inspection Program Subtotal ▶ \$ - \$ - \$ - ◀ 80% Federal + 20% Non-Federal

▶ Section 1C / Federal Aid Non-Target Projects

▶ Other Federal Aid				No Projects Programmed	\$ -	\$ -	\$ -	
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Other Federal Aid Subtotal ▶ \$ - \$ - \$ - ◀ Funding Split Varies by Funding Source

▶ Section 1D / Federal Aid Major & State Category Projects

▶ Statewide Infrastructure Program								
AMENDMENT 2: Add Project	608025	Old Colony	Brockton	BROCKTON-CORRIDOR IMPROVEMENTS ON ROUTE 123 (BELMONT STREET), INCLUDING TRAFFIC SIGNALS UPGRADING AT MANLEY STREET AND THE V.A. HOSPITAL	\$ 767,557	\$ 614,046	\$ 153,511	HSIP/ STP/ Statewide Infrastructure Program; 100 Percent Design; YOE is \$4,071,487.60; Formerly 602606

Statewide Infrastructure Program Subtotal ▶ \$ 767,557 \$ 614,046 \$ 153,511 ◀ 80% Federal + 20% Non-Federal

▶ Statewide HSIP Program				No Projects Programmed	\$ -	\$ -	\$ -	
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Statewide HSIP Program Subtotal ▶ \$ - \$ - \$ - ◀ 90% Federal + 10% Non-Federal

▶ Statewide Safe Routes to Schools Program				No Projects Programmed	\$ -	\$ -	\$ -	Funding Split Varies by Funding Source
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Statewide Safe Routes to Schools Program Subtotal ▶ \$ - \$ - \$ - ◀ Funding Split Varies by Funding Source

▶ Statewide CMAQ				No Projects Programmed	\$ -	\$ -	\$ -	
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Statewide CMAQ ▶ \$ - \$ - \$ - ◀ 80% Federal + 20% Non-Federal

▶ Statewide Transportation Enhancements				No Projects Programmed	\$ -	\$ -	\$ -	
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Statewide Transportation Enhancements Subtotal ▶ \$ - \$ - \$ - ◀ 80% Federal + 20% Non-Federal

▶ Statewide ITS				No Projects Programmed	\$ -	\$ -	\$ -	
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Statewide ITS Subtotal ▶ \$ - \$ - \$ - ◀ 80% Federal + 20% Non-Federal

▶ Statewide Interstate Maintenance Program				No Projects Programmed	\$ -	\$ -	\$ -	
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Statewide Interstate Maintenance Program Subtotal ▶ \$ - \$ - \$ - ◀ 90% Federal + 10% Non-Federal

▶ Statewide NHS Preservation Program+				No Projects Programmed	\$ -	\$ -	\$ -	
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Statewide NHS Preservation Program Subtotal ▶ \$ - \$ - \$ - ◀ 80% Federal + 20% Non-Federal

▶ Statewide RR Grade Crossings				No Projects Programmed	\$ -	\$ -	\$ -	
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Statewide RR Grade Crossings Subtotal ▶ \$ - \$ - \$ - ◀ 80% Federal + 20% Non-Federal

▶ Statewide Stormwater Retrofits				No Projects Programmed	\$ -	\$ -	\$ -	
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Statewide Stormwater Retrofits Subtotal ▶ \$ - \$ - \$ - ◀ 80% Federal + 20% Non-Federal

▶ Statewide ADA Implementation Plan				No Projects Programmed	\$ -	\$ -	\$ -	
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Statewide ADA Implementation Plan Subtotal ▶ \$ - \$ - \$ - ◀ 80% Federal + 20% Non-Federal

▶ Other Statewide Items				ABP GANS Repayment	\$ -	\$ -	\$ -	
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Award Adjustments, Change Orders, Project Value Changes, Etc. \$ - \$ - \$ -

				DBEs, FAPO, Pavement Lab Retrofits, and Misc. Programs	\$ -	\$ -	\$ -	
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			Planning		\$	-	-	-	
			Statewide Design and Right of Way		\$	-	-	-	
			Statewide Recreational Trails		\$	-	-	-	
Other Statewide Items Subtotal					\$	-	\$	-	◀ Funding Split Varies by Funding Source

► Section 2A / Non-Federal Projects

► Non Federal Aid

			No Projects Programmed	NFA	\$	-	\$	-	
Non-Federal Aid Subtotal					\$	-	\$	-	◀100% Non-Federal

► Section 2B / Non-Federal Bridge Projects

► Section 2B / Non-Federal Bridge Projects

			No Projects Programmed	NFA	\$	-	\$	-	
Section 2B / Non-Federal Bridge Projects Subtotal					\$	-	\$	-	◀100% Non-Federal

## 2015 Old Colony TIP Summary

TIP Section 1: ▼ TIP Section 2: ▼

Total of All Projects ▼

Total	\$	11,310,972	\$	-	\$	11,310,972	◀ Total Spending in Region
Federal Funds	\$	9,145,035	\$	-	\$	9,145,035	◀ Total Federal Spending in Region
Non-Federal Funds	\$	2,165,937	\$	-	\$	2,165,937	◀ Total Non-Federal Spending in Region

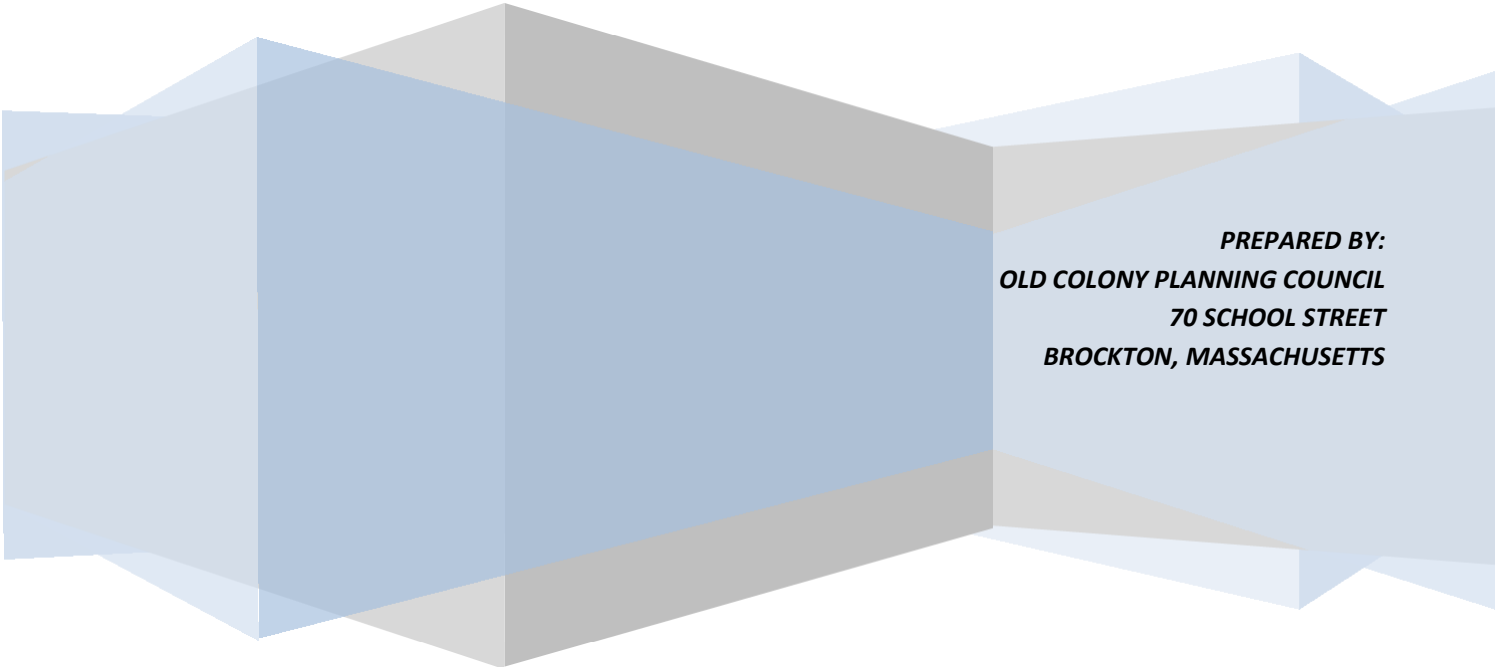
701 CMR 7.00 Use of Road Flaggers and Police Details on Public Works Projects / 701 CMR 7.00 (the Regulation) was promulgated and became law on October 3, 2008. Under this Regulation, the CMR is applicable to any Public works Project that is performed within the limits of, or that impact traffic on, any Public Road. The Municipal Limitation referenced in this Regulation is applicable only to projects where the Municipality is the Awarding Authority. For all projects contained in the TIP, the Commonwealth is the Awarding Authority. Therefore, all projects must be considered and implemented in accordance with 701 CMR 7.00, and the Road Flagger and Police Detail Guidelines. By placing a project on the TIP, the Municipality acknowledges that 701 CMR 7.00 is applicable to its project and design and construction will be fully compliant with this Regulation. This information, and additional information relative to guidance and implementation of the Regulation can be found at the following link on the MassDOT Highway Division website: <http://www.massdot.state.ma.us/Highway/flaggers/main.aspx>

OLD COLONY METROPOLITAN PLANNING ORGANIZATION (MPO)

# **FFY 2015-2018 OLD COLONY TRANSPORTATION IMPROVEMENT PROGRAM (TIP) AMENDMENT 3**

- **ENDORSED BY THE OLD COLONY MPO ON MAY 26, 2015, FOLLOWING A 30-DAY PUBLIC REVIEW AND COMMENT PERIOD**

*PREPARED IN COOPERATION WITH THE BROCKTON AREA TRANSIT AUTHORITY,  
THE MASSACHUSETTS DEPARTMENT OF TRANSPORTATION (#69649),  
THE FEDERAL HIGHWAY ADMINISTRATION, AND  
THE FEDERAL TRANSIT ADMINISTRATION*



**PREPARED BY:  
OLD COLONY PLANNING COUNCIL  
70 SCHOOL STREET  
BROCKTON, MASSACHUSETTS**

# Notice of Nondiscrimination Rights and Protections to Beneficiaries

## Federal "Title VI/Nondiscrimination" Protections

The Old Colony Metropolitan Planning Organization (MPO) operates its programs, services, and activities in compliance with federal nondiscrimination laws including Title VI of the Civil Rights Act of 1964 (Title VI), the Civil Rights Restoration Act of 1987, and related statutes and regulations. Title VI prohibits discrimination in federally assisted programs and requires that no person in the United States of America shall, on the grounds of **race, color, or national origin** (including **limited English proficiency**), be excluded from participation in, be denied the benefits of, or be otherwise subjected to discrimination under any program or activity receiving federal assistance. Related federal nondiscrimination laws administered by the Federal Highway Administration, the Federal Transit Administration, or both prohibit discrimination on the basis of **age, sex, and disability**. These protected categories are contemplated within the Old Colony MPO's Title VI Programs consistent with federal interpretation and administration. Additionally, the Old Colony MPO provides meaningful access to its programs, services, and activities to individuals with limited English proficiency, in compliance with US Department of Transportation policy and guidance on federal Executive Order 13166.

## State Nondiscrimination Protections

The Old Colony MPO also complies with the Massachusetts Public Accommodation Law, M.G.L. c 272 §§ 92a, 98, 98a, prohibiting making any distinction, discrimination, or restriction in admission to or treatment in a place of public accommodation based on **race, color, religious creed, national origin, sex, sexual orientation, disability, or ancestry**. Likewise, the Old Colony MPO complies with the Governor's Executive Order 526, section 4 requiring all programs, activities, and services provided, performed, licensed, chartered, funded, regulated, or contracted for by the state shall be conducted without unlawful discrimination based on **race, color, age, gender, ethnicity, sexual orientation, gender identity or expression, religion, creed, ancestry, national origin, disability, veteran's status** (including Vietnam-era veterans), or **background**.

## Additional Information

To request additional information regarding Title VI and related federal and state nondiscrimination obligations, please contact:

Old Colony Planning Council  
Title VI/ Nondiscrimination Coordinator  
Pat Ciaramella  
70 School Street  
Brockton, MA 02301  
508-583-1833 Extension 202  
pciaramella@ocpcrpa.org

Title VI Specialist  
MassDOT, Office of Diversity and Civil Rights  
10 Park Plaza  
Boston, MA 02116  
857-368-8580  
TTY: 857-368-0603  
[MASSDOT.CivilRights@state.ma.us](mailto:MASSDOT.CivilRights@state.ma.us)

Complaint Filing

To file a complaint alleging a violation of Title VI or related federal nondiscrimination law, contact the Title VI Specialist (above) within 180 days of the alleged discriminatory conduct.

To file a complaint alleging a violation of the state's Public Accommodation Law, contact the Massachusetts Commission Against Discrimination within 300 days of the alleged discriminatory conduct at:

Massachusetts Commission Against Discrimination (MCAD)  
One Ashburton Place, 6th Floor  
Boston, MA 02109  
617-994-6000  
TTY: 617-994-6196

## Translation

### **English**

If this information is needed in another language, please contact the MPO Title VI Coordinator at 508-583-1833 ext. 202.

### **Spanish**

Si necesita esta información en otro idioma, por favor contacte al coordinador de MPO del Título VI al 508-583-1833 ext. 202.

### **Portuguese**

Caso estas informações sejam necessárias em outro idioma, por favor, contate o Coordenador de Título VI da MPO pelo telefone 508-583-1833, Ramal 202

### **Chinese Simple**

如果需要使用其它语言了解信息，请联系Old Colony大都会规划组织（MPO）《民权法案》第六章协调员，电话508- 583-1833，转202。

### **Chinese Traditional**

如果需要使用其他語言瞭解資訊，請聯繫Old Colony大都會規劃組織（MPO）《民權法案》第六章協調員，電話508- 583-1833，轉202。

### **Vietnamese**

Nếu quý vị cần thông tin này bằng tiếng khác, vui lòng liên hệ Điều phối viên Luật VI của MPO theo số điện thoại 508- 583-1833, số máy nhánh 202.

### **Haitian Creole**

Si yon moun bezwen enfòmasyon sa a nan yon lòt lang, tanpri kontakte Koòdonatè a Title VI MPO nan 508-583-1833 ext. 202.

### **French Creole**

Si yon moun vle genyen enfòmasyon sa yo nan yon lòt lang, tanpri kontakte Kowòdinatè MPO Title VI la nan nimewo 508-583-1833, ekstansyon 202.

### **Russian**

Если Вам необходима данная информация на любом другом языке, пожалуйста, свяжитесь с Координатором Титула VI в МРО по тел: 508-583-1833, добавочный 202.

**French**

Si vous avez besoin d'obtenir une copie de la présente dans une autre langue, veuillez contacter le coordinateur du Titre VI de MPO en composant le 508-583-1833, poste 202.

**Italian**

Se ha bisogno di ricevere queste informazioni in un'altra lingua si prega di contattare il coordinatore MPO del Titolo VI al 508- 583-1833 interno 202

**Mon-Khmer, Cambodian**

ប្រសិនបើលោក-អ្នកត្រូវការបកប្រែពីភាសានេះ សូមទាក់ទងអ្នកសម្របសម្រួលជំពូកទី6 របស់ **MPO** តាមរយៈលេខទូរស័ព្ទ **508-583-1833** រួចភ្ជាប់ទៅលេខ **202**។

**Arabic**

إذا كنت بحاجة إلى هذه المعلومات بلغة أخرى، يُرجى الاتصال بمنسق الفقرة السادسة لمنظمة التخطيط الحضري على الهاتف: 508- 583-1833 و ثم اضغط الأرقام 202.

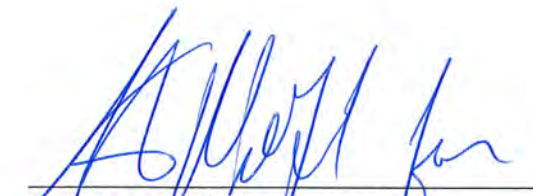
*Updated April 2015*

*Old Colony Planning Council*


**OLD COLONY METROPOLITAN PLANNING ORGANIZATION (MPO)**

**ENDORSEMENT OF  
FFY 2015-2018 OLD COLONY TRANSPORTATION IMPROVEMENT PROGRAM (TIP)  
AMENDMENT 3**

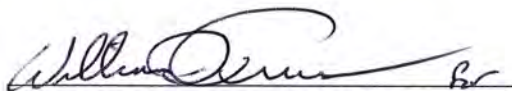
This is to certify that the Signatories of the Old Colony Metropolitan Planning Organization, at their Old Colony MPO meeting on May 26, 2015, hereby approve and endorse the FFY 2015-2018 Old Colony Transportation Improvement Program (TIP) Amendment 3 in its entirety for the Old Colony Region, in accordance with the certified 3C Transportation Planning Process.

  
Stephanie Pollack, Secretary and CEO  
Massachusetts Department of Transportation


5/26/15  
Date

  
The Honorable Bill Carpenter, Mayor  
City of Brockton

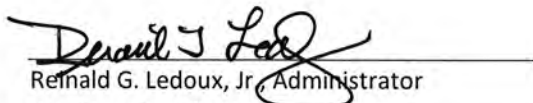
5/26/15  
Date

  
Thomas Tinlin, Acting Highway Administrator  
Massachusetts Department of Transportation


5/26/15  
Date

  
Kenneth Tavares, Chairman  
Plymouth, Board of Selectmen

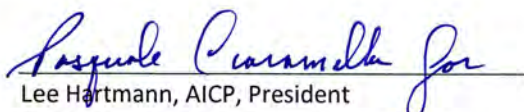
Date

  
Refnald G. Ledoux, Jr., Administrator  
Brockton Area Transit


5-26-15  
Date

  
Eldon Moreira, Member  
West Bridgewater, Board of selectmen

5/26/15  
Date

  
Lee Hartmann, AICP, President  
Old Colony Planning Council

5-26-15  
Date

  
Daniel Salvucci, Vice-Chairman  
Whitman, Board of selectmen

5/26/15  
Date

**Transportation Improvement Program (TIP) Amendment 3**

**Project List (FY2015)**

12/16/2014 TIP Amendment 1 Released

04/21/2015 TIP Amendment 3 Released

01/29/2015 TIP Amendment 1 Endorsed

05/26/2015 TIP Amendment 3 Endorsed

05/20/2014 TIP Released

01/29/2015 TIP Amendment 2 Released

06/24/2014 TIP Endorsed

03/17/2015 TIP Amendment 2 Endorsed

ADJUSTMENTS/ AMENDMENTS	FTA Program	Transit Agency	FTA Activity Line Item	Project Description	Carryover or Earmark Detail	Federal Funds	RTACAP	MAP	ITCCAP	TDC	SCA	Local Funds	Total Cost
<b>5307</b>													
	5307	Brockton Area Transit Authority	114409	REHAB/RENOVATE - MOBILE SURVEILL/SECURITY EQUIP		\$16,000	\$4,000	\$0	\$0	\$0	\$0	\$0	\$20,000
	5307	Brockton Area Transit Authority	111700	VEH OVERHAUL (UP TO 20% VEH MAINT)		\$472,000	\$118,000	\$0	\$0	\$0	\$0	\$0	\$590,000
	5307	Brockton Area Transit Authority	114211	ACQUIRE - SUPPORT VEHICLE		\$46,400	\$11,600	\$0	\$0	\$0	\$0	\$0	\$58,000
	5307	Brockton Area Transit Authority	111240	BUY ASSOC CAP MAINT ITEMS		\$120,000	\$30,000	\$0	\$0	\$0	\$0	\$0	\$150,000
	5307	Brockton Area Transit Authority	114220	ACQUIRE - MISC SUPPORT EQUIPMENT		\$80,000	\$20,000	\$0	\$0	\$0	\$0	\$0	\$100,000
	5307	Brockton Area Transit Authority	300900	Operating/PM/ADA		\$2,400,000	\$0	\$0	\$0	\$0	\$2,400,000	\$0	\$4,800,000
	5307	Brockton Area Transit Authority	114400	REHAB/RENOVATE BUS SUPPORT FACIL/EQUIP		\$52,000	\$13,000	\$0	\$0	\$0	\$0	\$0	\$65,000
	5307	Brockton Area Transit Authority	114241	ACQUIRE - EXCLUSIVE BICYCLE EQUIP		\$52,000	\$13,000	\$0	\$0	\$0	\$0	\$0	\$65,000
<b>Subtotal</b>						\$3,238,400	\$209,600	\$0	\$0	\$0	\$2,400,000	\$0	\$5,848,000
<b>5309</b>													
<b>Subtotal</b>						\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>5310</b>													
AMENDMENT 3: ADD PROJECT	5310	Brockton Area Transit Authority	111204	BUY REPLACEMENT <30 FT BUS (7)		\$357,152	\$0	\$89,288	\$0	\$0	\$0	\$0	\$446,440
AMENDMENT 3: ADD PROJECT	5310	South Shore Community Action Council	111215	BUY REPLACEMENT VAN (10)		\$483,200	\$0	\$0	\$0	\$0	\$0	\$120,800	\$604,000
AMENDMENT 3: ADD PROJECT AS INFORMATIONAL ITEM	5310	Living Independently for Equality (LIFE)	300900	OPERATING ASSISTANCE		\$17,000	\$0	\$0	\$0	\$0	\$0	\$17,000	\$34,000
<b>Subtotal</b>						\$857,352	\$0	\$89,288	\$0	\$0	\$0	\$137,800	\$1,084,440
<b>5311</b>													
<b>Subtotal</b>						\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>5337</b>													
<b>Subtotal</b>						\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>5339</b>													
<b>Subtotal</b>						\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>5320</b>													
<b>Subtotal</b>						\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>Other Federal</b>													
<b>Subtotal</b>						\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>Other Non-Federal</b>													
Other Non-Federal		Brockton Area Transit Authority	111204	BUY REPLACEMENT <30 FT BUS (7)		\$0	\$0	\$0	\$0	\$0	\$0	\$455,000	\$455,000
Other Non-Federal		Brockton Area Transit Authority	111215	BUY REPLACEMENT VAN COA (3)		\$0	\$0	\$0	\$0	\$0	\$0	\$180,000	\$180,000
<b>Subtotal</b>						\$0	\$0	\$0	\$0	\$0	\$0	\$635,000	\$635,000
<b>Total</b>						\$4,095,752	\$209,600	\$89,288	\$0	\$0	\$2,400,000	\$772,800	\$7,567,440

- Delete
- Modify
- Add

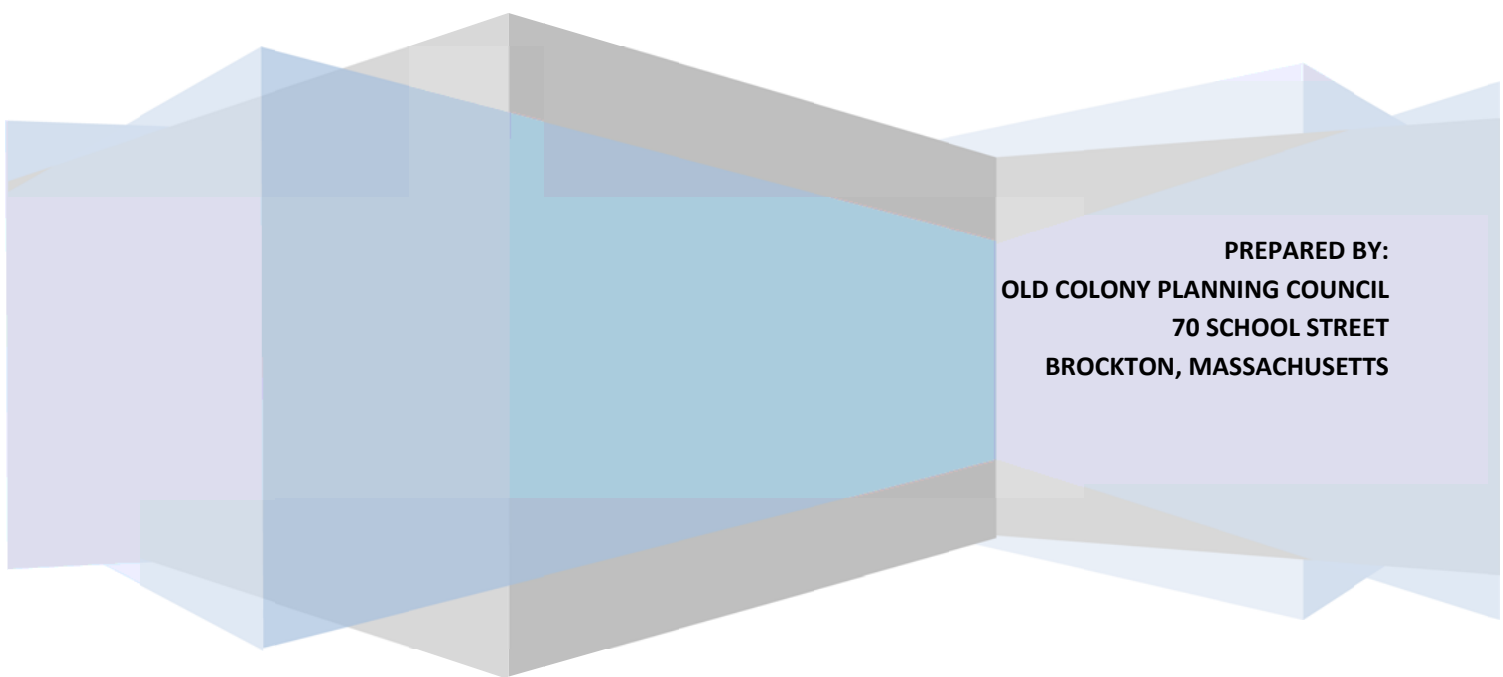


OLD COLONY METROPOLITAN PLANNING ORGANIZATION (MPO)

# **FFY 2015-2018 OLD COLONY TRANSPORTATION IMPROVEMENT PROGRAM (TIP) AMENDMENT 4**

- **ENDORSED BY THE OLD COLONY MPO ON JUNE 25, 2015**

**PREPARED IN COOPERATION WITH BROCKTON AREA TRANSIT AUTHORITY,  
MASSACHUSETTS DEPARTMENT OF TRANSPORTATION, FEDERAL HIGHWAY  
ADMINISTRATION, AND FEDERAL TRANSIT ADMINISTRATION**



**PREPARED BY:  
OLD COLONY PLANNING COUNCIL  
70 SCHOOL STREET  
BROCKTON, MASSACHUSETTS**

# Notice of Nondiscrimination Rights and Protections to Beneficiaries

## Federal "Title VI/Nondiscrimination" Protections

The Old Colony Metropolitan Planning Organization (MPO) operates its programs, services, and activities in compliance with federal nondiscrimination laws including Title VI of the Civil Rights Act of 1964 (Title VI), the Civil Rights Restoration Act of 1987, and related statutes and regulations. Title VI prohibits discrimination in federally assisted programs and requires that no person in the United States of America shall, on the grounds of **race, color, or national origin** (including **limited English proficiency**), be excluded from participation in, be denied the benefits of, or be otherwise subjected to discrimination under any program or activity receiving federal assistance. Related federal nondiscrimination laws administered by the Federal Highway Administration, the Federal Transit Administration, or both prohibit discrimination on the basis of **age, sex, and disability**. These protected categories are contemplated within the Old Colony MPO's Title VI Programs consistent with federal interpretation and administration. Additionally, the Old Colony MPO provides meaningful access to its programs, services, and activities to individuals with limited English proficiency, in compliance with US Department of Transportation policy and guidance on federal Executive Order 13166.

## State Nondiscrimination Protections

The Old Colony MPO also complies with the Massachusetts Public Accommodation Law, M.G.L. c 272 §§ 92a, 98, 98a, prohibiting making any distinction, discrimination, or restriction in admission to or treatment in a place of public accommodation based on **race, color, religious creed, national origin, sex, sexual orientation, disability, or ancestry**. Likewise, the Old Colony MPO complies with the Governor's Executive Order 526, section 4 requiring all programs, activities, and services provided, performed, licensed, chartered, funded, regulated, or contracted for by the state shall be conducted without unlawful discrimination based on **race, color, age, gender, ethnicity, sexual orientation, gender identity or expression, religion, creed, ancestry, national origin, disability, veteran's status** (including Vietnam-era veterans), or **background**.

## Additional Information

To request additional information regarding Title VI and related federal and state nondiscrimination obligations, please contact:

Old Colony Planning Council  
Title VI/ Nondiscrimination Coordinator  
Pat Ciaramella  
70 School Street  
Brockton, MA 02301  
508-583-1833 Extension 202  
pciaramella@ocpcrpa.org

Title VI Specialist  
MassDOT, Office of Diversity and Civil Rights  
10 Park Plaza  
Boston, MA 02116  
857-368-8580  
TTY: 857-368-0603  
[MASSDOT.CivilRights@state.ma.us](mailto:MASSDOT.CivilRights@state.ma.us)

Complaint Filing

To file a complaint alleging a violation of Title VI or related federal nondiscrimination law, contact the Title VI Specialist (above) within 180 days of the alleged discriminatory conduct.

To file a complaint alleging a violation of the state's Public Accommodation Law, contact the Massachusetts Commission Against Discrimination within 300 days of the alleged discriminatory conduct at:

Massachusetts Commission Against Discrimination (MCAD)  
One Ashburton Place, 6th Floor  
Boston, MA 02109  
617-994-6000  
TTY: 617-994-6196

## Translation

### **English**

If this information is needed in another language, please contact the MPO Title VI Coordinator at 508-583-1833 ext. 202.

### **Spanish**

Si necesita esta información en otro idioma, por favor contacte al coordinador de MPO del Título VI al 508-583-1833 ext. 202.

### **Portuguese**

Caso estas informações sejam necessárias em outro idioma, por favor, contate o Coordenador de Título VI da MPO pelo telefone 508-583-1833, Ramal 202

### **Chinese Simple**

如果需要使用其它语言了解信息，请联系Old Colony大都会规划组织（MPO）《民权法案》第六章协调员，电话508- 583-1833，转202。

### **Chinese Traditional**

如果需要使用其他語言瞭解資訊，請聯繫Old Colony大都會規劃組織（MPO）《民權法案》第六章協調員，電話508- 583-1833，轉202。

### **Vietnamese**

Nếu quý vị cần thông tin này bằng tiếng khác, vui lòng liên hệ Điều phối viên Luật VI của MPO theo số điện thoại 508- 583-1833, số máy nhánh 202.

### **Haitian Creole**

Si yon moun bezwen enfòmasyon sa a nan yon lòt lang, tanpri kontakte Koòdonatè a Title VI MPO nan 508-583-1833 ext. 202.

### **French Creole**

Si yon moun vle genyen enfòmasyon sa yo nan yon lòt lang, tanpri kontakte Kowòdinatè MPO Title VI la nan nimewo 508-583-1833, ekstansyon 202.

### **Russian**

Если Вам необходима данная информация на любом другом языке, пожалуйста, свяжитесь с Координатором Титула VI в МРО по тел: 508-583-1833, добавочный 202.

**French**

Si vous avez besoin d'obtenir une copie de la présente dans une autre langue, veuillez contacter le coordinateur du Titre VI de MPO en composant le 508-583-1833, poste 202.

**Italian**

Se ha bisogno di ricevere queste informazioni in un'altra lingua si prega di contattare il coordinatore MPO del Titolo VI al 508- 583-1833 interno 202

**Mon-Khmer, Cambodian**

ប្រសិនបើលោក-អ្នកត្រូវការបកប្រែពីភាសានេះ សូមទាក់ទងអ្នកសម្របសម្រួលជំពូកទី6 របស់ **MPO** តាមរយៈលេខទូរស័ព្ទ **508-583-1833** រួចភ្ជាប់ទៅលេខ **202**។

**Arabic**

إذا كنت بحاجة إلى هذه المعلومات بلغة أخرى، يُرجى الاتصال بمنسق الفقرة السادسة لمنظمة التخطيط الحضري على الهاتف: 508- 583-1833 و ثم اضغط الأرقام 202.

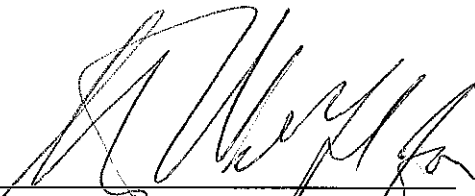
*Updated April 2015*

*Old Colony Planning Council*

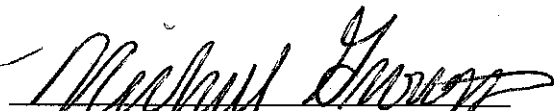
OLD COLONY METROPOLITAN PLANNING ORGANIZATION (MPO)

ENDORSEMENT OF  
FFY 2015-2018 OLD COLONY TRANSPORTATION IMPROVEMENT PROGRAM (TIP)  
AMENDMENT 4

This is to certify that the Signatories of the Old Colony Metropolitan Planning Organization, at their Old Colony MPO meeting on June 25, 2015, hereby approve and endorse the FFY 2015-2018 Old Colony Transportation Improvement Program (TIP) Amendment 4 in its entirety for the Old Colony Region, in accordance with the certified 3C Transportation Planning Process.

  
Stephanie Pollack, Secretary and CEO  
Massachusetts Department of Transportation


6/25/15  
Date

  
The Honorable Bill Carpenter, Mayor  
City of Brockton

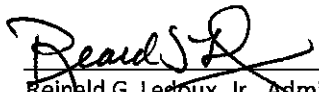
6/25/15  
Date

  
Thomas Tinlin, Acting Highway Administrator  
Massachusetts Department of Transportation


6/25/15  
Date

  
Kenneth Tavares, Chairman  
Plymouth, Board of Selectmen

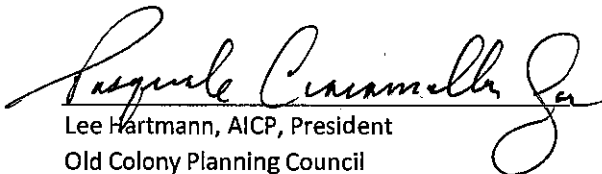
Date

  
Reinald G. Ledoux, Jr., Administrator  
Brockton Area Transit

6.25.15  
Date

  
Eldon Moreira, Member  
West Bridgewater, Board of selectmen

6/25/15  
Date

  
Lee Hartmann, AICP, President  
Old Colony Planning Council

6/25/15  
Date

  
Daniel Salvucci, Vice-Chairman  
Whitman, Board of selectmen

6/25/15  
Date

# OLD COLONY PLANNING COUNCIL

Lee Hartmann, AICP  
*President*  
70 School Street  
Brockton, MA 02301-4097



Pasquale Ciaramella  
*Executive Director*  
Telephone: (508) 583-1833  
Fax: (508) 559-8768  
Email: [information@ocpcrpa.org](mailto:information@ocpcrpa.org)

## NOTICE OF PUBLIC REVIEW AND COMMENT PERIOD

### ▪ FFY 2015-2018 TRANSPORTATION IMPROVEMENT PROGRAM (TIP) AMENDMENT 4

In accordance with the Public Participation Process developed by the Old Colony Metropolitan Planning Organization (MPO), Old Colony Planning Council (OCPC) is making the DRAFT FFY 2015-2018 Transportation Improvement Program (TIP) Amendment 4 available for public review and comment. The TIP serves as a prioritized listing of highway, bridge, and transit projects proposed for implementation during the next four (4) federal fiscal years. Copies of this document are available for review at the OCPC Offices (8:30 a.m. to 4:00 p.m.), at <http://www.ocpcrpa.org/>, and/or upon request. This notice will initiate a 30-Day Public Review and Comment Period. This process will also be used as Brockton Area Transit Authority's (BAT) public participation process. BAT, the Federal Transit Administration (FTA) Section 5307(c) applicant, has consulted with the Old Colony MPO and concurs that the public involvement process adopted by the Old Colony MPO for development of the TIP satisfies the public hearing requirements that pertain to the development of the Program of Projects for the regular Section 5307, Urbanized Area Formula Program, grant applications including the provisions for public notice and the time established for public review and comment. Public notice of public involvement activities and time established for public review and comments on the TIP will satisfy the program of projects (POP) requirements. The public discussion of the TIP at Old Colony JTC, Old Colony MPO, and transportation meetings satisfies the Program of Projects (POP) public hearing requirements of the FTA. A public meeting of the OCPC and Old Colony MPO advisory committee, the Old Colony Joint Transportation Committee (JTC), is scheduled for June 11, 2015 at 12 PM. Furthermore, a public meeting of the Old Colony MPO is scheduled for June 25, 2015 at 10 AM to hear additional public comments and consider endorsement of Amendment 4. Please contact Charles Kilmer at 508-583-1833 Extension 206 for further information.

Please send written comments to:

Old Colony Planning Council (OCPC)  
70 School Street  
Brockton, MA 02301  
Attention: Charles Kilmer

The Old Colony MPO fully complies with Title VI of the Civil Rights Act of 1964 and related statutes and regulations in all programs and activities. The Old Colony MPO operates without regard to race, color, or national origin (including limited English proficiency), age, sex, disability, ancestry, ethnicity, gender, gender identity or expression, sexual orientation, religion, creed, veteran's status, or background. Any person who believes him/herself or any specific class of persons, to be subject to discrimination prohibited by Title VI may by him/herself or by representative file a written complaint with the Old Colony MPO. Complaints are to be filed no later than 180 days from the date of the alleged discrimination. Please contact Pat Ciaramella at 508-583-1833 Extension 202 for more information.

**Transportation Improvement Program (TIP) Amendment 4  
Project List (FY2015)**

12/16/2014 TIP Amendment 1 Released  
01/29/2015 TIP Amendment 1 Endorsed  
01/29/2015 TIP Amendment 2 Released  
03/17/2015 TIP Amendment 2 Endorsed

04/21/2015 TIP Amendment 3 Released  
05/26/2015 TIP Amendment 3 Endorsed  
05/26/2015 TIP Amendment 4 Released  
06/25/2015 TIP Amendment 4 Endorsed

05/20/2014 TIP Released  
06/24/2014 TIP Endorsed

ADJUSTMENTS/ AMENDMENTS	FTA Program	Transit Agency	FIA Activity Line Item	Project Description	Carryover or Earmark Detail	Federal Funds	RTACAP	MAP	ICB	TDC	SCA	LocalFunds	Total Cost
<b>5307</b>													
	5307	Brockton Area Transit Authority	114409	REHAB/RENOVATE - MOBILE SURVEILL/SECURITY EQUIP		\$16,000	\$4,000	\$0	\$0	\$0	\$0	\$0	\$20,000
	5307	Brockton Area Transit Authority	111700	VEH OVERHAUL (UP TO 20% VEH MAINT)		\$472,000	\$118,000	\$0	\$0	\$0	\$0	\$0	\$590,000
	5307	Brockton Area Transit Authority	114211	ACQUIRE - SUPPORT VEHICLE		\$46,400	\$11,600	\$0	\$0	\$0	\$0	\$0	\$58,000
	5307	Brockton Area Transit Authority	111240	BUY ASSOC CAP MAINT ITEMS		\$120,000	\$30,000	\$0	\$0	\$0	\$0	\$0	\$150,000
	5307	Brockton Area Transit Authority	114220	ACQUIRE - MISC SUPPORT EQUIPMENT		\$80,000	\$20,000	\$0	\$0	\$0	\$0	\$0	\$100,000
	5307	Brockton Area Transit Authority	300900	Operating/PM/ADA REHAB/RENOVATE BUS SUPPORT		\$2,400,000	\$0	\$0	\$0	\$0	\$2,400,000	\$0	\$4,800,000
	5307	Brockton Area Transit Authority	114400	FACIL/EQUIP		\$52,000	\$13,000	\$0	\$0	\$0	\$0	\$0	\$65,000
	5307	Brockton Area Transit Authority	114241	ACQUIRE - EXCLUSIVE BICYCLE EQUIP		\$52,000	\$13,000	\$0	\$0	\$0	\$0	\$0	\$65,000
AMENDMENT 4: ADD PROJECT	5307	Brockton Area Transit Authority	116202	PURCHASE COMMUNICATIONS SYSTEM - Match in FY16		\$120,000	\$0	\$0	\$0	\$0	\$0	\$0	\$120,000
AMENDMENT 4: ADD PROJECT	5307	Brockton Area Transit Authority	114220	ACQUIRE - MISC SUPPORT EQUIPMENT - Match in FY16		\$24,000	\$0	\$0	\$0	\$0	\$0	\$0	\$24,000
AMENDMENT 4: ADD PROJECT	5307	Brockton Area Transit Authority	111700	VEH OVERHAUL (UP TO 20% VEH MAINT) - Match in FY16		\$480,000	\$0	\$0	\$0	\$0	\$0	\$0	\$480,000
AMENDMENT 4: ADD PROJECT	5307	Brockton Area Transit Authority	114211	ACQUIRE - SUPPORT VEHICLES - Match in FY16		\$30,400	\$0	\$0	\$0	\$0	\$0	\$0	\$30,400
AMENDMENT 4: ADD PROJECT	5307	Brockton Area Transit Authority	111240	BUY ASSOC CAP MAINT ITEMS - Match in FY16		\$80,000	\$0	\$0	\$0	\$0	\$0	\$0	\$80,000
AMENDMENT 4: ADD PROJECT	5307	Brockton Area Transit Authority	116202	PURCHASE COMMUNICATIONS SYSTEM - Match in FY16		\$64,000	\$0	\$0	\$0	\$0	\$0	\$0	\$64,000
AMENDMENT 4: ADD PROJECT	5307	Brockton Area Transit Authority	114105	ENG/DESIGN - YARDS & SHOPS - Match in FY16		\$20,000	\$0	\$0	\$0	\$0	\$0	\$0	\$20,000
<b>Subtotal</b>						\$4,056,800	\$209,600	\$0	\$0	\$0	\$2,400,000	\$0	\$6,666,400
<b>5309</b>													
<b>Subtotal</b>						\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>5310</b>													
AMENDMENT 3: ADD PROJECT	5310	Brockton Area Transit Authority	111204	BUY REPLACEMENT <30 FT BUS (7)		\$357,152	\$0	\$89,288	\$0	\$0	\$0	\$0	\$446,440
AMENDMENT 3: ADD PROJECT	5310	South Shore Community Action Council	111215	BUY REPLACEMENT VAN (10)		\$483,200	\$0	\$0	\$0	\$0	\$0	\$120,800	\$604,000
AMENDMENT 3: ADD PROJECT	5310	Living Independently for Equality (LIFE)	300900	OPERATING ASSISTANCE		\$17,000	\$0	\$0	\$0	\$0	\$0	\$17,000	\$34,000
<b>Subtotal</b>						\$857,352	\$0	\$89,288	\$0	\$0	\$0	\$137,800	\$1,084,440
<b>5311</b>													
<b>Subtotal</b>						\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>5337</b>													
<b>Subtotal</b>						\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>5339</b>													
<b>Subtotal</b>						\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>5320</b>													
<b>Subtotal</b>						\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>Other Federal</b>													
<b>Subtotal</b>						\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>Other Non-Federal</b>													
Other Non-Federal		Brockton Area Transit Authority	111204	BUY REPLACEMENT <30 FT BUS (7)		\$0	\$0	\$0	\$0	\$0	\$0	\$455,000	\$455,000
Other Non-Federal		Brockton Area Transit Authority	111215	BUY REPLACEMENT VAN COA (3)		\$0	\$0	\$0	\$0	\$0	\$0	\$180,000	\$180,000
<b>Subtotal</b>						\$0	\$0	\$0	\$0	\$0	\$0	\$635,000	\$635,000
<b>Total</b>						\$4,914,152	\$209,600	\$89,288	\$0	\$0	\$2,400,000	\$772,800	\$8,385,840

- Delete
- Modify
- Add