

TIP

TRANSPORTATION IMPROVEMENT PROGRAM

FFY 2011 – 2014

**METROPOLITAN PLANNING ORGANIZATION
PIONEER VALLEY REGION, MASSACHUSETTS**

Amended March 2011



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U.S. Department of Transportation. The views and opinions of the authors (or agency) expressed herein do not necessarily state or reflect
those of the U.S. Department of Transportation.

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FFY 2011-2014

**For the
METROPOLITAN PLANNING ORGANIZATION
PIONEER VALLEY REGION,
MASSACHUSETTS**

July 2010

**Endorsed by the Metropolitan Planning Organization (MPO)
July 27, 2010**

Amended on March 2, 2011

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PREFACE

The Pioneer Valley Region

The Pioneer Valley Region is comprised of 43 cities and towns covering approximately 1,180 square miles. Home to over 600,000 residents, the Pioneer Valley is the fourth largest metropolitan area in New England. The following map references the Pioneer Valley Region and displays an outline of the principle highways throughout.

TIP Format and MPO Endorsement

The FFY 2011-2014 TIP has been prepared with completely separate components of the document that are subject to federal review and approval and components that are not. This distinction of a “federal component” was the firm position of the Massachusetts Department of Transportation (MassDOT) as a means to avoid potential problems with adequately satisfying federal financial constraint requirements with the non-federal aid component of the TIP. Although a non-federal component of the TIP is represented, it is understood that this component is not subject to Metropolitan Planning Final Rule 23 CMR 450 section 324, therefore federal review and approval is not required.

The non-federal component is provided for the benefit of the MPO and the constituent communities as a representation of an agreed upon listing of improvement projects to be undertaken entirely with state provided resources. All projects included in the NFA section of the TIP must be eligible to receive federal funds and be located on a functionally classified road. The separation of federal aid projects from non-federal aid projects by no means represents a lack of commitment by the state to fund all projects specifically programmed in the document. Assuming that adequate funds are available from federal and/or state sources, it can be fully expected that the following project listings can and will be implemented over the FFY 2009-2012 time frame. Pending federal guidance approving the inclusion of non-federal aid projects without secured bonded resources in each year, the TIP will be amended to reinstate all non-federal aid projects into the document endorsed for federal review and approval.

MassDOT Commitment to Funding all Designed and Permitted Projects

The MASSDOT has committed to funding all transportation improvement projects that will be ready for advertisement in FFY 2011 and beyond. In response to this commitment, Pioneer Valley local officials in cooperation with regional and state officials from the MassHighway department and MassDOT have made a concerted effort to develop a TIP project listing that is truly representative of the projects that will realistically be ready for advertisement in FFY 2011-2013. Funding targets for the Pioneer Valley Region have been issued by MASSDOT identifying potential resources for each year of the TIP.

I. GENERAL SUPPORT INFORMATION

INTRODUCTION

The Transportation Improvement Program (TIP) is a requirement of the Metropolitan Transportation Planning Process as described in the Metropolitan Planning Final Rule 23 CFR 450 section 324. This regulation developed by the Federal Department of Transportation defines the Transportation Improvement Program as:

“A staged, multiyear, intermodal program of transportation projects which is consistent with the metropolitan transportation plan.”

The Pioneer Valley TIP is a four-year schedule of projects identified by year and location complete with funding source and cost. The TIP is developed annually and is available for amendment and adjustment at any time. Each program year of the TIP coincides with the Federal Fiscal Year calendar, October 1 through September 30. All TIPs and amendments are consistent with the goals and objectives of the Regional Transportation Plan for the Pioneer Valley region. This TIP is financially constrained.

All projects in the TIP come from the conforming 2007 Regional Transportation Plan. All regionally significant projects included in the TIP were previously included in the air quality analysis completed for the conforming RTP. Because projects in the TIP come from the conforming RTP, and all regionally significant RTP projects for 2011 through 2014 (both Federal and Non-Federal Aid) are programmed in the TIP, the same air quality analysis utilized for the RTP can be used for the TIP. Therefore, this TIP, in combination with the TIPs from the other MPOs in the nonattainment area, is found to be in conformance.

DEVELOPMENT OF THE TIP

The Pioneer Valley Metropolitan Planning Organization (MPO) is responsible for developing the TIP. The MPO is comprised of ten members including four independently operating agencies and six locally elected officials:

- Massachusetts Department of Transportation (MassDOT);
- MassDOT Highway Division (MHD);
- Pioneer Valley Transit Authority (PVTA); and
- Pioneer Valley Planning Commission (PVPC);

- Mayor of Chicopee
- Mayor of Springfield;
- Mayor of Northampton
- Mayor of West Springfield
- Selectboard member from Belchertown;
- Selectboard member from Hatfield;

As the lead planning agency for the MPO, the PVPC accepts the responsibility for developing the TIP in a cooperative process with members of the MPO and the general public. The final TIP is voted on for endorsement at a formal meeting of the MPO. The endorsed TIP project listing is included in the State Transportation Improvement Program verbatim and requires endorsement by the Governor.

The MPO relies on a transportation advisory committee to carry out the cooperative process during TIP development. The Joint Transportation Committee (JTC) is a group of community appointed officials, MPO member representatives, public and private transportation providers, citizens, and special interest groups and agencies. The JTC establishes and recommends to the MPO procedures for submitting, prioritizing and selecting projects for the TIP. PVPC staff provides the technical support to conduct the TIP development activities for the JTC.

Below is a general outline of steps taken during the TIP development process.

1. Project proponents (communities, MPO members, agencies) submit projects through the process outlined in Chapter 2 of the Massachusetts Project Development & Design Guidebook (2006)
2. Projects are prioritized based on an evaluation criteria by MPO staff, JTC representatives, and MHD staff, and MassDOT staff at a posted meeting open to all.
3. The State (thru MassDOT) provides funding targets for the Pioneer Valley Region.
4. JTC reviews and recommends project priorities on the TIP to the MPO
5. Draft TIP project listings are prepared by the MPO staff and distributed for review and comment to MPO members
6. MPO meets to make final decisions on the composition of the TIP and to recommend the Draft TIP for general public release as required by the Public Participation Plan for the Pioneer Valley Region
7. Final Draft TIP is distributed for review, consultation and comment in accordance with the adopted Public Participation Plan
8. Public meetings and news releases are conducted to promote public involvement and consultation.
9. Comments are compiled and addressed where appropriate
10. Final TIP developed for the JTC's consideration and their recommendation to MPO
11. MPO meets to vote on endorsement of the TIP
12. Endorsed Regional TIPs are compiled by MASSDOT to create the State TIP (STIP)
13. Secretary and CEO of MassDOT endorses the STIP (on behalf of the Governor) and submits the STIP to federal agencies for review and approval
14. Federally approved STIP is ready for state implementation (project advertisement)
15. Amendments and adjustments to the TIP are made on an as needed basis with the additional public review and input for formal amendments only.

CONGESTION MANAGEMENT PROCESS (CMP)

The Pioneer Valley Congestion Management Process (CMP) formerly the Congestion Management System (CMS) is an on-going, systematic process designed to improve transportation in the region by providing up to date information on the location, severity and extent of congested corridors and intersections. Findings of the CMP report are used to assist in the selection of projects to be

Prioritized for TIP consideration, as well as assist in the prioritization of projects to be included in this document.

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>

PROJECT PRIORITY CRITERIA AND SELECTION

The MassDOT developed a process and set of criteria to prioritize the region's TIP projects which was modified and endorsed by the MPO. All projects included in the TIP have been evaluated and assigned a priority value or rating (See Appendix D). This process is used as a management tool to identify projects of regional priority and program them accordingly in the TIP.

PRIORITY CRITERIA

A Project Information Form (PIF) was developed in concert with the priority process and contains information for each project submitted. In addition to this, consultation with the project sponsors and the state provided information also used in the evaluation of each project priority rating. The priority rating was based on the following information:

- Identified in the RTP;
- Project Preparedness;
- Benefit Cost;
- Facility Preservation;
- Congestion Relief;
- Safety;
- Enhanced mobility;
- Air Quality/Environmental;
- Enhancement Activity; and
- Status of Design.

The Project Information Form and a detailed outline of the project priority evaluation criteria are presented in Appendix D.

PROJECT SELECTION AND PROGRAMMING

The project priority ratings were applied in conjunction with a project's anticipated advertisement schedule and with the funding targets provided by the state to develop the four-year program of the TIP. A project was not considered for scheduling in a year earlier than its anticipated schedule regardless of the priority rating. For projects that are expected to be ready to go in the first year of the TIP the top priority projects for that year were funded under the federal aid categories, since these funds are most secure. Once the federal aid funds were completely programmed, non-federal aid funds were programmed to priority projects. This initial assignment procedure was applied to each year of the TIP and is subject to change as the TIP is developed and refined by members of the MPO and the JTC.

AMENDMENT/ADJUSTMENT OF THE TIP

For the purposes of project selection and programming, amendment or adjustment to the TIP can be conducted at any time. Amendment of the TIP consists of addition of a project not previously programmed, the advancement of a Year 3 project through Year 4 or a significant adjustment to project costs. Amendment requires formal MPO action.

Program adjustments can be conducted without formal MPO action in order to minimize constraints on programming projects. Minor adjustments could include such actions as moving projects between Year 1 and Year 2, and minor fluctuations in project description, costs and funding source. This action can be accomplished through an agreed upon administrative action.

DESCRIPTION OF FUNDING SOURCES

Interstate Maintenance (IM) - Resurfacing, restoration and rehabilitation are eligible activities for maintaining Interstate facilities. Reconstruction is also eligible if it does not add capacity. However, high-occupancy-vehicle (HOV) and auxiliary lanes can be added. Funding: federal - 90 %, state - 10 %.

Surface Transportation Program (STP) - This program is for the maintenance and construction of the federal aid system, all roads other than those functionally classified as local or rural minor collectors. Funds may also be flexed for use on bridge, transit capital, and bike or trail facilities. A minimum amount of 10 percent must be set aside for both safety construction activities and for transportation enhancements. The remaining STP balance is for use throughout the state. Funding: federal - 80%, state - 20%.

Surface Transportation Program Enhancements (ENHMT) - A portion of the Surface Transportation Program funding for enhancement projects chosen by states and localities. Funding: federal - 80%, state - 20%

Congestion Mitigation and Air Quality Improvement Program (CMAQ) - These funds are directed towards transportation projects and programs which reduce transportation-related emissions. These funds are to assist areas designated as nonattainment and maintenance under the Clean Air Act Amendments of 1990. These projects will contribute to meeting the attainment of National Ambient Air Quality Standards (NAAQS). Funding: federal - 80%, state - 20%.

Bridges - Funds the replacement or repair of structurally deficient or unsafe bridges in urban and rural areas. All bridges, both on and off the federal aid roadway system are eligible for funding. Funding: federal - 80%, state - 20%.

National Highway System (NHS) - The National Highway System (NHS) consists of major roads in the United States, including all Interstate routes, a large percentage of urban and principal arterials, the defense Strategic Highway Network (STRAHNET) and other strategic highway connectors. Typically, these facilities qualify for an 80 percent federal share, however, projects on Interstates may qualify for up to 90 percent federal share funds. Funding: federal - 80%, state - 20%.

Other Federal Aid - This category includes projects that received federal funding within the Federal-Aid Program and may include special demonstration project funding. Funding: federal - 80%, state - 20%.

In compliance with FHWA guidelines projects with federal earmarks are only programmed in the FY 2011 to FY 2014 TIP if the total funding is adequate for project implementation. The remaining earmarked projects will be included in appendix z for informational and tracking purposes.

High Priority Projects (HPP) High Priority Projects are congressionally earmarked projects that have been deemed as a high priority for the state where the project is located. Funding: federal - 80%, state - 20%

Section 115 Funds Included in the Transportation bill as congressional earmarks, each year the earmarks are given a designated funding category. In FFY2005 the funding designation for these projects was Section 115 Funds. Funding: federal - 100%, state - 0%

Section 117 Funds Included in the Transportation bill as congressional earmarks, each year the earmarks are given a designated funding category. In FFY2006 the funding designation for these projects was Section 117 Funds. Funding: federal - 100%, state - 0%

Section 129 Funds Congressional Earmarks for FFY 2008. Funding: federal - 100%, state - 0%

Section 125 Funds Congressional Earmarks for FFY 2009. Funding: federal - 100%, state - 0%

Non-Federal Aid (NFA) - This funding category contains all those projects not receiving federal funds. Various categories of state funding are included in this group including bikeways, State Aid (Chapter 90), and highway construction and maintenance (Chapter 497). This category is included in the TIP for informational purposes only. Funding: federal - 0 %, state - 100 %.

Section 5309 Capital (SEC.09) - A discretionary grant program funding capital projects in urban areas that are considered major capital investments in public transportation and facilities. Funding: Federal - 80%, State - 20%

Section 5307 Capital (SEC. 07-CAP) - Eligible projects for Section 5307 (Capital) funds include the planning, acquisition, construction, improvement and operating costs of facilities, equipment, and associated capital maintenance items for use in providing mass transit service. The Federal match for Planning and/or capital assistance under Section 5307 is 80 percent of the net project cost, but a recipient is permitted to provide additional local match at its option. There are three exceptions to 80 percent Federal match for capital projects:

1. Air Quality Benefit. If an air quality benefit can be forecast for a project such as a bus purchase, the federal match is 90 percent. Larger state and local matches are allowed.
2. Elderly and Disabled Projects. The federal match is 95 percent for any element of a capital project intended exclusively to enhance the accessibility and mobility of elderly and disabled persons and that is in excess of Federal requirements. All FTA-funded projects

must be designed and implemented to meet the basic accessibility or mobility needs of elderly and disabled persons.

3. Additional Service. Capital expenditures for the increase in service can be funded with a 90% federal match.

Section 5307 Operating (SEC. 07-OPR) - Funds allocated under this category may be used to fund up to 50 percent of the operating cost associated with the provision of public mass transportation systems in urbanized areas.

Section 5310 - Section 10 pertains to transportation facilities meeting special needs of the elderly and disabled. Funds allocated under Section 16(b)(2) provide private non-profit corporations and associations with grants and loans to improve the mobility of the elderly and disabled. In Massachusetts, 16(b)(2) funds are administered at the state level by the MASSDOT. These funds typically are used for the purchase of capital items, including lift-equipped vans. Mobility Assistance Program (MAP) funds are intended for use by public agencies, such as municipal councils on aging and the PVTA to provide van service to elderly and/or disabled persons.

Section 5311 - These funds are made available exclusively for public transportation projects outside the urbanized areas. Both capital and operating expenses are eligible.

Section 20 - Section 20 provides financial assistance for projects which address the human resource needs and conditions of the public transit industry. The federal share of eligible capital and project administrative expenses is not to exceed 80 percent of the net cost of the project. The federal share for state administration and technical expenses is 100 percent, not to exceed 15 percent of the state's total apportionment.

TRANSPORTATION SYSTEM OPERATING AND MAINTENANCE COSTS

The FFY 2011-2014 TIP is consistent with the Regional Transportation Plan (RTP) for the Pioneer Valley Region. Tables 1 and 2 presents the estimates outlined in the RTP of annual expenditures associated with operating and maintaining the transportation system. These estimates represent past expenditures and do not reflect costs associated with maintaining a constant level of system performance.

Table 1
Transportation Operating and Maintenance Expenditures

	2007 - 2010 From TIP	2011 - 2015 Total	2016 - 2020 Total	2021 - 2025 Total	2026 - 2030 Total	GRAND TOTAL Total
Total Available for Programming in the Pioneer Valley RTP	\$ 211,406,178	\$400,102,000	\$565,183,000	\$652,511,000	\$753,749,000	\$ 2,582,951,178
<i>Recommended Maximum for Major Infrastructure Projects*</i>	\$ 58,161,375	\$56,340,000	\$74,756,000	\$86,663,000	\$100,466,000	\$ 376,386,375
<i>Recommended Minimum for Bridge Projects</i>	\$ 70,979,230	\$153,608,000	\$195,308,000	\$226,415,000	\$262,477,000	\$ 908,787,230
<i>Recommended Minimum for IM Projects</i>	\$ 20,000,000	\$30,405,000	\$43,861,000	\$50,847,000	\$58,946,000	\$ 204,059,000
<i>Recommended Minimum for Operating, Maintaining and Improving the Highway-Funded Transportation System</i>	\$ 62,265,573	\$159,749,000	\$251,258,000	\$288,586,000	\$331,860,000	\$ 1,093,718,573

* Total of all Federal Earmarks used for 2007 - 2010 total

Source: Regional Transportation Plan, updated 2007

Table 2
Transit Operating and Maintenance Expenditures

	2007 - 2010	2011 - 2015	2016 - 2020	2021 - 2025	2026 - 2030	TOTAL
Total Available for Programming in the Pioneer Valley RTP	\$ 187,540,921	\$ 258,818,336	\$ 289,994,352	\$ 324,018,124	\$ 363,032,353	\$ 1,423,404,086
<i>Urbanized Area Formula (5307)</i>	\$ 53,635,750	\$ 77,018,397	\$ 89,285,431	\$ 103,506,286	\$ 119,992,153	\$ 443,438,017
<i>Capital Fixed Guideway Program (5309)*</i>	\$ -	\$ 1,000,000	\$ 2,500,000	\$ 2,500,000	\$ 2,500,000	\$ 8,500,000
<i>Elderly & Disabled (5310)</i>	\$ 1,494,399	\$ 1,755,931	\$ 2,035,606	\$ 2,359,825	\$ 2,735,684	\$ 10,381,446
<i>Non-Urbanized Area Formula (5311&5340)</i>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<i>JARC (5316)</i>	\$ 1,547,213	\$ 1,817,874	\$ 2,107,415	\$ 2,443,071	\$ 2,832,189	\$ 10,747,763
<i>New Freedoms (5317)</i>	\$ 946,499	\$ 1,111,547	\$ 1,288,588	\$ 1,493,827	\$ 1,731,754	\$ 6,572,215
<i>State Capital Investment</i>	\$ 13,150,662	\$ 19,254,599	\$ 22,321,358	\$ 25,876,571	\$ 29,998,038	\$ 110,601,229
<i>State Contract Assistance for Operations</i>	\$ 74,049,299	\$ 103,463,612	\$ 117,059,581	\$ 132,442,171	\$ 149,846,160	\$ 576,860,823
<i>Local Assistance</i>	\$ 22,230,087	\$ 27,787,608	\$ 27,787,608	\$ 27,787,608	\$ 27,787,608	\$ 133,380,519
<i>Fairbox Revenue</i>	\$ 20,487,012	\$ 25,608,765	\$ 25,608,765	\$ 25,608,765	\$ 25,608,765	\$ 122,922,074

* Assumes \$500,000 a year for Springfield/Hartford/New Haven Commuter Rail beginning in 2014

Source: Regional Transportation Plan, updated 2007

II. PUBLIC PARTICIPATION SUMMARY AND CHANGES

The DRAFT FFY 2011-2014 TIP underwent a public review and comment period consistent with the Pioneer Valley Region Public Participation Process. This began June 25, 2010 and continued for 30 days until July 25, 2010. During this time, comments were received from communities, JTC, PVTA, PVPC, MHD District offices and MassDOT. Below is a summary of the significant changes by year to the Draft TIP as result of the public review and comment period. The public reveiue period for the Air Quality Portion of of the TIP was extended for another two weeks until August 10,2010 at the request of the Federal Highway Administration (FHWA).

COMMENTS MADE REGARDING THE FFY 2011-2014 TIP:

Comments by	Projis	Comment	Action	Date
		Jim Reidy the Superintendent of the South Hadley Department of Public Works underscored to the MPO members the merits of the Morgan Street improvements noting that this road is heavily travelled and in need of substantial improvements. He stated that the Morgan Street project is now at the 75 percent design stage and the Town had been awaiting the opportunity to advance this project to the implementation stage and the Town hoped this could happen in FFY 2011. Mr. Reidy noted three members of the South Hadley Board of Selectmen were present at this MPO meeting to emphasize that the Morgan Street project is a very high priority to the Town.	Comment Noted	6/22/10
South Hadley DPW	605760	On behalf to the Town of Agawam, I submit this ettr fsupport for the Route 159 (Main St) Improvement Project listed in Year 2012 of the TIP. The Town through its consultant C & C Consulting Engineers of Boston, has submitted the 100% design plans and is now awaiting the final review comments. PS&E is anticipated to be completed before December 2010. The main Street project is of critical importance to the Town. Main Street, in particular the segment south of Route 57, is the primary route to Six Flags New England. On a typical summer day, as many as 20,000 plus patrons visit Six Flags. The vast majority of these visitors drive south on Main St, on of Agawam's most densely settled neighborhoods. Since purchasing Riverside Park, Pmrier Parks has worked closely with the Town to implement traffic and parking improvements on the Park's promise to minimize traffic congestion on Main Street. The Main Street Project is on of the final components in the long-range traffic safety and congestion mangement plan. The Main St project consists of upgrades to the traffic signals at School and Elm Sts, geometric improvement at the		
		signalized intersections, traffic calming, pedestrian and bicycle improvements and emergency preemption. All of these measures are extremely important to ensure the safety of those living in the Main St neighborhood, as well as those visitors to our community. Within the project area is the Phelps Elementary School, the Agawam Fire Station, the Veteran's Cemetery, and the Agawam Senior Center. Agawam Center is listed as a National Register Historic District and contains many important historic resources. It is one of three hubs of Agawam life. Six Flags is one of the largest tourist destinations in New England. The Park provides much need tax revenues to both Agawam and the Commonwealth and hundreds of season jobs. Visitors shop, eat and stay in the adjacent communities adding to the region's economic base. Agawam appreciaes heoporunit hos such a premier tourist destination. We only ask that the Main St project receive the necessary funding to allow Agawam residents to live, work and play in close proximity to the Park without undue hardship.	Comment Noted	7/6/2010
Mayor Richard A. Cohen Town of Agawam	602353	Increase FFY2014 A/C Bridge funding for Chicopee/Holyoke Bridge in section 1B from \$500,000 to \$14,000,000	Funding increased	7/7/2010
MassDOT	82611	This project cannot be an HSIP project because it was already advertised using non-HSIP funds. This is consistent with what we have seen in other regions as well.	Comment Noted	7/8/2010
MassDOT	603318	Add Cummington Route 9 preservation project as NHS for \$5,508,600	Project add	7/14/2010
MassDOT	605582	Reduce Agawam Main Street Route 159 from \$4,152,422 to \$3,152,422 to reflect \$1,000,000 in PWED funding	Cost adjusted	7/14/2010
MassDOT	602653	combine South Hadley Morgan Street (605760) with South Hadley Route 202 (606009) reduce the scopes of each project to fit within the \$1,175,554 budget of Morgan Street project	Projects Combined	7/14/2010
MassDOT	606009	Transit		
PVTA	TIP	Revise TIP for 2011-2014 adjusted many line items to make "room" for preventive maintenance, transit enhancements, and ada assistance in each of the fiscal years.	Changes Made	7/16/2010
PVTA	TIP	Increased years 2013 and 2014 substantially as the original TIP only had 6 million in capital items (aside from the 65 million for the Springfield facility) and the PVTA consistently receives around 14 million in 5307 formula funds.	Changes Made	7/16/2010
PVTA	TIP	Correct the SCA and Local assessment numbers	Changes Made	7/16/2010
PVTA	TIP	Check your links on the fixed route and paratransit numbers as they appear to be pointing incorrectly. Fixed route they should run around 30mil. And paratransit around 8mil each year	Changes Made	7/16/2010
MassDOT	605760	Status of South Hadley/Morgan Street (#605760) should be 100% (not 0); TFFPC = \$985,927.	Cost adjusted	7/26/2010
		South Hadley/Morgan Street (#605760) no longer fits in section 1A at full funding; consider partial funding/combination with South Hadley/Route 202 (#606009) with balance of remaining funds, and list the combined project under #606218,		
MassDOT	605760	South Hadley Resurfacing and related work on Morgan Street and Route 202.	Comment Noted	7/26/2010
MassDOT	605065	Part 1C: Project #605065, Hampshire County Bike Paths (Norwottuck Reconstruction) should be moved to FFY2012.	Project moved	7/26/2010

Proj#	Comment	Action	Date
The following projects should be removed, as they were/will be advertised/obligated in FFY2010:			
604210	1. Project #604210 – West Springfield, Route 5 Reconstruction	Project removed	7/26/2010
604603	2. Project #604603 – Springfield, Public Improvements to Symphony Hall	Project removed	7/26/2010
603263	3. Project #603263 – Holyoke, Holyoke Canalwalk and Streetscape Improvements (phase 2) – Design only	Project removed	7/26/2010
604441	4. Project #604441 – Easthampton – Manhan Rail Trail Coleman Rd Extension – construction	Project removed	7/26/2010
604967	5. Project #604967 – Westfield, Columbia Greenway South (Design only)	Project removed	7/26/2010
Part 1D: West Springfield, I-91 – should have Total Cost of \$7,095,381 (instead of \$5,655,920) in accordance with the 6/21/10 Boston Planning provided 2010-2014 IM List			
Cost adjusted			
605815	Part 1A: Project #605815, Westhampton, Route 66 is now at RevPS&E with a Total Project Cost of \$1,408,530.	Project updated	7/26/2010
If South Hadley Route 202 (#606009) and Morgan Street (#605760) are programmed in 2011, consider listing the remainder of the South Hadley projects for \$1,447,627 and list under project #606009			
606009	Part 1A: Status of Springfield, Sumner Ave, Allen, Abbot and Harkness (#605685) should be 0 (not 25%). We have not received any design submissions on this project to date;	Comment Noted	7/26/2010
605685		Project removed	7/26/2010
602178	Part 1B: Project #602178 – Project Description should read “Bridge Replacement Hospital Road over Quaboag Stream”	Project updated	7/26/2010
Part 1D: West Springfield/Holyoke, I-91 should have Total Cost of \$17,017,000 (instead of \$9,069,480) in accordance with the 6/21/10 Boston Planning provided 2010-2014 IM List.			
Project updated			
Consider listing Project #82250, Amherst Route 116 @ The Notch, TEC=9.1, Design at 75%, Total Project Cost = \$4,322,710.			
82250		Comment Noted	7/26/2010
604442	Part 1A: Project #604442, Route 187 – City/Town is misspelled; it should be Westfield	Comment Noted	7/26/2010
605614	Part 1D: Remove Easthampton/Norhampton I-91 (#605614) – not listed on the 6/21/10 Boston Planning provided 2010-2014 IM List	Comment Noted	7/26/2010
Part 1D: Remove Northampton Route 5 resurfacing (no Project ID number) – not listed on the 6/21/10 Boston Planning provided 2010-2014 NHS List			
Project #604821, Springfield, Allen St/Bicentennial Highway – total TIP funding is \$2,406,905; the project's recently received 75% estimate (in 2011 dollars) shows a cost of \$3,316,779 – which means the 2013 TIP has a shortfall of funding for this project in the amount of \$909,874.			
604821	Part 1B: Project #82611, Willimansett Bridge – Total Cost (in this year of the TIP) should be \$5,000,000 per the 6/21/10 information provided by Boston Planning.	Comment Noted	7/26/2010
82611		Comment Noted	7/26/2010
It is noted the following projects are not listed anywhere on the PVPC TIP, but are at PS&E:			
606005	Agawam Route 57 Resurfacing (#606005) – Total Cost = \$3,280,399	Comment Noted	7/26/2010
605891	Easthampton/Holyoke Route 5 Resurfacing (#605891) – Total Cost = \$2,919,322	Comment Noted	7/26/2010
606009	South Hadley Route 202 Resurfacing (#606009) – Total Cost = \$1,832,168	Comment Noted	7/26/2010
Add Amherst Safe Routes to school			
82611	Increase Chicopee/Holyoke Bridge funding from \$6,000,000 to \$8,000,000	Project Added	1/6/2011
Cost Increased			
600933	Reduce Westfield GRB funding from \$2,000,000 to \$1,000,000	Funding Reduced	1/6/2011
602600	Increase Springfield Roosevelt Ave bridge cost from \$12,238,646 to \$14,772,335	Cost Increased	1/6/2011
5307			
bus			
replace	FY11 Buses FY 10 carryover Federal Cost \$ \$6,425,096 ** State local cost \$1,285,185 Total \$6,425,096 ** value of approved toll credit included as federal funding.	Funding updated	1/24/11
ment	JTC recommends funding the remainder of the Morgan Street and Route 202 improvement projects in South Hadley with the remaining STP funds (\$761,584)	Comments noted	2/9/11
606218	Transit Ensure that TIP values reflect values as show on corresponding PAPA sheets.	TIP updated	2/17/11
604449	Reduce cost of Springfield (Northend and Brightwood) from \$3,603,228 to \$3,205,372 project has been advertised for construction	Cost reduced	2/28/11
604737	Reduce STP funding for West Springfield (Westfield Road) by \$450,000 and add \$300,000 of STP-enhancement funding with another \$150,000 of matching funds	Funding updated	2/28/11
606218	Add the remainder of Route 202 and Morgan Street in South Hadley for \$1,774,560 as recommended by JTC	Project added	2/28/11
605556	Submitted letter of support for the Main Street, Maple Street and Jabish Street Intersection	Comments noted	3/1/11

In addition to the above changes, the Pioneer Valley Transit Authority requested that the following be included: The Pioneer Valley Transit Authority, the FTA Section 5307(c) applicant, has consulted with the Pioneer Valley Planning Commission and concurs that the TIP satisfies the public hearing requirements that pertain to the development of the Program of Projects for regular Section 5307, Urbanized Area Formula Program, grant application including the provision for public notice and the time established for public review and comment.

For FTA projects that are not routine; i.e. Section 5307 applications that required environmental assessment or an environmental impact statement, the public involvement provided herein for TIP review is not sufficient. Additional public involvement will be required by FTA prior to grant approval, as presented in the joint FHWA/FTR environmental regulations, 23 CFR-Part 771.

The Federal Aid (FA) and Non-Federal Aid (NFA) elements were separated into two components. The FA component of the TIP was endorsed by the MPO and the NFA component is included in the main body of the TIP, however, is not subject to federal planning rules.

III. FEDERAL COMPONENT

PIONEER VALLEY MPO ENDORSEMENT

PIONEER VALLEY MPO ENDORSEMENT SHEET

The signatures below signify that all members of the Pioneer Valley Region's Metropolitan Planning Organization, or their designees, have met on March 2, 2011 and discussed the following item for endorsement: Amendments to The Pioneer Valley Region's Federal Fiscal Years 2011 – 2014 Transportation Improvement Program (TIP).

Massachusetts Department of Transportation (Mass DOT)

I, Secretary of the Massachusetts Department of Transportation, hereby
☒ Endorse ☐ Do Not Endorse the above referenced item.


Jeffrey Mulvan
Secretary & CEO Mass DOT

2 Mar 11
Date

Massachusetts Department of Transportation Highway Division

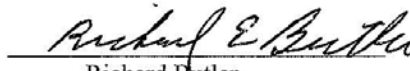
I, Administrator of the Highway Division of MassDOT, hereby
☒ Endorse ☐ Do Not Endorse the above referenced item.


Luisa Paiewonsky
Administrator, Mass DOT

03/02/11
Date

Pioneer Valley Planning Commission (PVPC)

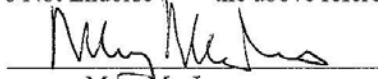
I, Chair of the Pioneer Valley Planning Commission, hereby
☐ Endorse ☐ Do Not Endorse the above referenced item.


Richard Butler
Chair - PVPC

3/2/11
Date

Pioneer Valley Transit Authority (PVTA)

I, Administrator of the Pioneer Valley Transit Authority, hereby
☒ Endorse ☐ Do Not Endorse the above referenced item.


Mary MacInnes
Administrator - PVTA

3/2/11
Date

City of Springfield

I, Mayor of the City of Springfield, hereby

☐ Endorse ☐ Do Not Endorse the above referenced item.

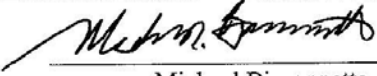
Domenic Sarno
Mayor-Springfield

Date

City of Chicopee

I, Mayor of the City of Chicopee, hereby

☒ Endorse ☐ Do Not Endorse the above referenced item.



Michael Bissonnette
Mayor-Chicopee

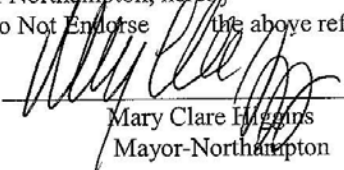
3/2/11

Date

City of Northampton

I, Mayor of the City of Northampton, hereby

☒ Endorse ☐ Do Not Endorse the above referenced item.



Mary Clare Higgins
Mayor-Northampton

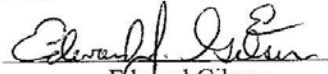
3/2/11

Date

City of West Springfield

I, Mayor of the City of West Springfield, hereby

☒ Endorse ☐ Do Not Endorse the above referenced item.



Edward Gibson
Mayor-West Springfield

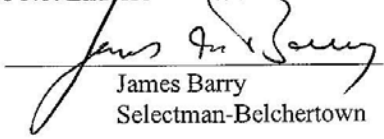
March 2, 2011

Date

Town of Belchertown

I, Board of Selectmen member of the Town of Belchertown, hereby

☒ Endorse ☐ Do Not Endorse the above referenced item.



James Barry
Selectman-Belchertown

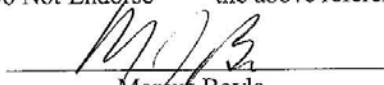
3/2/11

Date

Town of Hatfield

I, Board of Selectmen member of the Town of Hatfield, hereby

☒ Endorse ☐ Do Not Endorse the above referenced item.



Marcus Boyle
Selectman-Hatfield

2 MAR 11

Date

CERTIFICATION OF THE 3-C PLANNING PROCESS

In accordance with the Metropolitan Planning Final Rule, the Pioneer Valley MPO has completed its review and hereby certifies that the conduct of the 3-C Transportation Planning Process complies with the requirements of CFR 450.334 and includes activities to support the development and implementation of this TIP, the Regional Transportation Plan, and subsequent project development activities, as necessary and to the degree appropriate.

To reinforce this self certification, the Federal Highway Administration (FHWA) and the Federal Transit Administration (FTA) conducted a certification review of the Pioneer Valley MPO planning process in December 2004. The two day on-site review was preceded by a desk audit of the major planning documents completed as part of the planning process. Based on the certification review, the transportation planning process for the Pioneer Valley region was found to substantially meet the requirements of 23 CFR 450 Subpart C and 49 CFR 613.

CERTIFICATION OF THE 3C PLANNING PROCESS

Concurrent with the submittal of the proposed TIP to the FHWA and the FTA, the MPO shall certify that the metropolitan transportation planning process is being carried out in accordance with all applicable requirements including:

1. 23 U.S.C. 134, 49 U.S.C. 5303, and this subpart;
2. In non-attainment and maintenance areas, sections 174 and 176 (c) and (d) of the Clean Air Act, as amended (42 U.S.C. 7504, 7506 (c) and (d)) and 40 CFR part 93;
3. Title VI of the Civil Rights Act of 1964, as amended (42 U.S.C. 2000d-1) and 49 CFR part 21;
4. 49 U.S.C. 5332, prohibiting discrimination on the basis of race, color, creed, national origin, sex, or age in employment or business opportunity;
5. Section 1101(b) of the SAFETEA-LU (Pub. L. 109-59) and 49 CFR part 26 regarding the involvement of disadvantaged business enterprises in USDOT funded projects;
6. 23 CFR Part 230, regarding the implementation of an equal employment opportunity program on Federal and Federal-aid highway construction contracts
7. The provisions of US DOT and of the Americans with Disabilities Act of 1990 (42 U.S.C. 12101 et seq.) and 49 CFR parts 27, 37, and 38;
8. The Older Americans Act, as amended (42 U.S.C. 6101), prohibiting discrimination on the basis of age in programs or activities receiving Federal financial assistance;
9. Section 324 of title 23 U.S.C. regarding the prohibition of discrimination based on gender; and
10. Section 504 of the Rehabilitation Act of 1973 (29 U.S.C. 794) and 49 CFR part 27 regarding discrimination against individuals with disabilities.
11. Anti-lobbying restrictions found in 49 USC Part 20. No appropriated funds may be expended by a recipient to influence or attempt to influence an officer or employee of any agency, a Member of Congress, in connection with the awarding of any Federal contract.

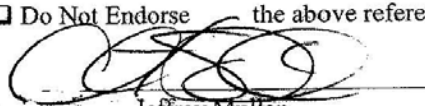
Massachusetts DOT

I, Secretary and CEO of MassDOT, hereby

☒ Endorse

☐ Do Not Endorse

the above referenced item.


Jeffrey Mullan

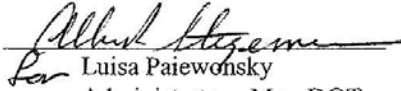
Secretary & CEO- MassDOT

2 Mar 11
Date

Massachusetts DOT

I, Administrator of MassDOT, hereby

☒ Endorse ☐ Do Not Endorse the above referenced item.

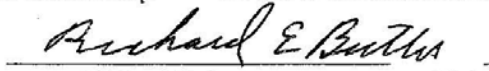

Per Luisa Paiewonsky
Administrator - MassDOT

02/02/11
Date

Pioneer Valley Planning Commission (PVPC)

I, Chair of the Pioneer Valley Planning Commission, hereby

☐ Endorse ☐ Do Not Endorse the above referenced item.

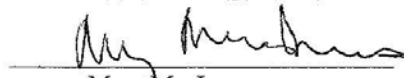

Richard Butler
Chair - PVPC

3/3/11
Date

Pioneer Valley Transit Authority (PVTA)

I, Administrator of the Pioneer Valley Transit Authority, hereby

☒ Endorse ☐ Do Not Endorse the above referenced item.

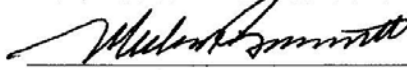

Mary MacInnes
Administrator - PVTA

3/2/11
Date

City of Chicopee

I, Mayor of the City of Chicopee, hereby

☒ Endorse ☐ Do Not Endorse the above referenced item.


Michael Bissonnette
Mayor-Chicopee

3/2/11
Date

City of Springfield

I, Mayor of the City of Springfield, hereby

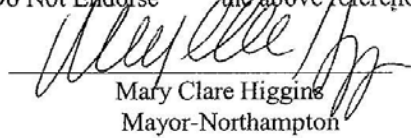
☐ Endorse ☐ Do Not Endorse the above referenced item.

Domenic Sarno
Mayor-Springfield

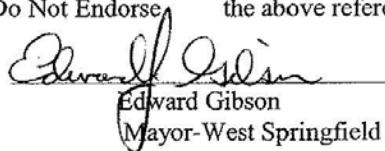
Date

City of Northampton

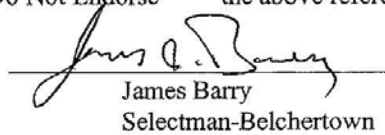
I, Mayor of the City of Northampton, hereby

☒ Endorse ☐ Do Not Endorse the above referenced item.
Mary Clare Higgins
Mayor-Northampton3/2/11
Date**Town of West Springfield**

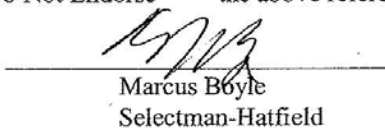
I, Mayor of the Town of West Springfield, hereby

☒ Endorse ☐ Do Not Endorse the above referenced item.
Edward Gibson
Mayor-West SpringfieldMarch 2, 2011
Date**Town of Belchertown**

I, Board of Selectmen member of the Town of Belchertown, hereby

☒ Endorse ☐ Do Not Endorse the above referenced item.
James Barry
Selectman-Belchertown3/2/11
Date**Town of Hatfield**

I, Board of Selectmen member of the Town of Hatfield, hereby

☒ Endorse ☐ Do Not Endorse the above referenced item.
Marcus Boyle
Selectman-Hatfield3/2/11
Date

FUNDING INFORMATION

Federal Aid Funding Targets

The MassDOT provided the revised PVPC federal aid highway funding targets and CMAQ targets for the region on June 9, 2010. The targets are provided for FFYs 2011 through 2014 and represent both the federal aid portion and respective state match.

Federal financial resources for transit are projected using appropriated amounts provided by the FTA for the funding categories of Sections 5307 and 5311. Sections 5309 and 20 are based on estimates of what will be reasonably available. Due to the discretionary nature of these categories, project line items are maintained in the fourth year of the TIP until an actual grant award is tendered. Section 5310 is programmed through the state and is awarded on a discretionary basis. Projections are based on past experience and the funding level provided by the State.

Federal Aid Financial Constraint

The federal aid element of the TIP is financially constrained according to the definition in Federal Register 23 CFR Part 450.324. The federal aid projects programmed for this region reasonably meet the federal aid funding targets provided for the region. Only projects for which funds can reasonably be expected have been included. Table 3 shows both these target amounts and the amounts programmed for highway projects during fiscal years 2011-2014. Projects that are not charged against the funding targets are not presented in the table. These projects include: Statewide items; and special funding projects. Table 4 shows the projected transit funds for FFY 2011 – 2014.

Table 3
Federal Highway Financial Plan

Fiscal Year	Federal Target	Federal Aid Programed	CMAQ Target	CMAQ Funded	HSIP Target	HSIP Funded
2011	*\$12,637,057	*\$12,862,497	\$1,351,240	\$1,351,240	\$1,080,992	\$1,080,992
2012	\$12,296,534	\$11,063,999	\$0	\$0	\$1,080,992	\$1,080,992
2013	\$10,021,714	\$10,021,714	\$2,161,984	\$974,141	\$1,080,992	\$1,080,992
2014	\$9,396,840	\$10,053,886	\$2,161,984	\$1,400,000	\$1,080,992	\$0

*includes \$150,000 in matching enhancement funds

The funding targets were programmed to projects according to project priority rating. Projects were programmed slightly beyond the program target with the understanding that the targets are not earmarks and program levels are expected to fluctuate.

The TIP reflects an emphasis on the maintenance and operation of the current transportation system with the ability to provide capital improvements. The federal aid program for each year consist of almost entirely of maintenance projects for the present transportation system.

The transit program outlined in Table 4 represents both apportioned items as well as discretionary items. The total programmed amount represents both the federal, state and local contributions.

Table 4
Federal Transit Financial Plan

Fiscal Year	Total Programmed
2011	\$105,078,885
2012	\$74,917,620
2013	\$143,020,422
2014	\$79,889,391

The transit projects programmed focus on maintaining and operating the present system and reflect little to no expansion. The present transit system is being evaluated in order to service the same area more efficiently.

IV. TRANSPORTATION PROJECT PRIORITIES

ORGANIZATION OF PROJECT LISTINGS

Each project in the TIP contains the following information:

SID - Project identification numbers given by the Massachusetts Highway Department.

City/Town - Town or city in which a project is located.

Project Description - A brief description of work to be funded under the project.

Funding - The funding category from which funding is expected.

Federal Funds - The amount of federal dollars allocated for project construction.

State Funds - The amount of state dollars allocated to the project.

Total Cost - The total dollar amount that the project is expected to cost.

Regional Target - The total combined Federal and State dollar amount provided for project funding

TEC Score – Transportation Evaluation Criteria (TEC) is used by the TIP sub-committee to rank each potential TIP project

V. FEDERAL AID REGIONAL PROJECT LISTINGS

The following is a complete listing of the Pioneer Valley Federally Funded Transportaion Improvement Projects for Fiscal Years 2011 - 2014.

Table 5

Section 1: FEDERALLY FUNDED PROJECTS: YEAR 2011

Project Description	City/Town	Project ID	Funding	Fed. Funds	State Funds	Total Cost	Req. Target	TEC Score
Part 1A: Federal Aid Target Projects								
North end and Brightwood Infrastructure Improvements (South) (\$3,384,690)	Springfield	604449	STP	\$2,564,298	\$641,074	\$3,205,372		9.85
*I-91 ITS (\$30,761,644)	Region Wide	603903	STP	\$0	\$0	\$0	\$0	8.22
*Westfield Street Route 20 reconstruction (\$5,906,720)	West Springfield	604737	STP	\$3,500,582	\$875,146	\$4,375,728		9.83
Subtotal Target Projects								
*Westfield Street Route 20 reconstruction (\$5,906,720)	West Springfield	604737	STP-E	\$240,000	\$60,000	\$300,000		
*Main St. (Rte. 20) and Park Square Hwy Improvement (\$15,000,000)	Westfield	603318	A/C STP	\$1,599,076	\$399,769	\$1,998,845		11.75
Resurfacing and related work Morgan Street and Route 202	South Hadley	606218	STP	\$1,158,138	\$289,534	\$1,447,672		5.17
Resurfacing and related work Morgan Street East St to Granby TL	South Hadley	606218	STP	\$125,192	\$31,298	\$156,490		
Resurfacing and related work Route 202 Bardwell to Douglas St	South Hadley	606218	STP	\$733,952	\$183,488	\$917,440		
*Pleasant Street (\$1,650,000)	Holyoke	602925	HPP - 1024	\$248,760	\$62,190	\$310,950		
				\$10,169,998	\$2,542,499	\$12,712,497	\$12,637,057	(\$75,440)
*I-91 ITS (\$30,761,644)	Region Wide	603903	A/C CMAQ	\$0	\$0	\$0		11.75
**Chicopee Riverwalk - Design only	Chicopee	602912	CMAQ	\$170,000	\$42,500	\$212,500		4.62
*Main St. (Rte. 20) and Park Square Hwy Improvement (\$15,000,000))	Westfield	603318	A/C STP	\$910,992	\$227,748	\$1,138,740		11.75
Subtotal CMAQ Projects								
Westfield Street Route 20 reconstruction	West Springfield	604737	A/C HSIP	\$972,893	\$270,248	\$1,351,240	\$1,351,240	\$0
				\$972,893	\$108,099	\$1,080,992		11.75
Subtotal HSIP Projects								
*Westfield Street Route 20 reconstruction (\$5,906,720)	West Springfield	604737	STP-E	\$120,000	\$30,000	\$150,000	\$1,080,992	\$0
				\$120,000	\$30,000	\$150,000	\$162,149	\$12,149
Part 1B: Federal Aid Bridge Projects								
Bridge Replacement River Road over Mill River	Northampton	603729	BR	\$1,822,208	\$455,552	\$2,277,760		
Bridge Replacement Pochassic Street over PV RR & Access Road	Westfield	160045	BR	\$4,492,368	\$1,123,092	\$5,615,460		
Bridge replacement Roosevelt Ave over Contrail Spur & Main (Double Stack) Line Springfield	Westfield	602600	BR	\$11,756,308	\$2,939,077	\$14,695,385		
Great River Bridge	Westfield	600933	A/C Bridge	\$800,000	\$200,000	\$1,000,000		
Bridge Rehabilitation Route 116 Chicopee/Cabot St. over Conn. River and PVRP	Chicopee/Holyoke	82611	A/C Bridge	\$6,400,000	\$1,600,000	\$8,000,000		
				\$25,270,884	\$6,317,721	\$31,588,605		
Part 1C: Federal Aid Non-Target Projects								
Landscape Connectivity Study UMASS	Amherst		Sec. 125	\$285,000	\$0	\$285,000		
New England High Speed Rail	Region wide		FRA-HSR	\$700,000	\$700,000	\$1,400,000		
Wildwood Elementary School Safe Routes to School	Amherst	606229	SRTS	\$423,313		\$423,313		
*Pleasant Street (\$1,650,000)	Holyoke	602925	HPP - 1024	\$1,071,240	\$267,810	\$1,339,050		
***PVPC FY06 - LOGO, SIGNS & WEBSITE	CT River Scenic Byway		TCSP	\$0	\$0	\$22,500		
***PVPC - FY06 - INTERPRETIVE & WAYFINDING SIGNS	CT River Scenic Byway		SB-000-6-001-MA	\$0	\$0	\$206,000		
***PVPC FY07 - MARKETING IMPLEMENTATION	CT River Scenic Byway		SB-000-7-001-MA	\$0	\$0	\$136,130		
***PVPC FY08 - MARKETING	CT River Scenic Byway		SB-000-8-001-MA	\$0	\$0	\$20,000		
				\$2,479,553	\$967,810	\$3,447,363		
Subtotal Non-Target Projects								
Part 1D: Other Federal Aid Projects								
I-91 Interstate Pavement rehabilitation	West Springfield	605587	IM	\$6,385,843	\$709,538	\$7,095,381		
				\$6,385,843	\$709,538	\$7,095,381		
				\$46,360,162	\$10,915,916	\$57,276,078		
Subtotal Other Federal Aid Projects								
Total Federal Projects								

*Indicates projects with multiple funding sources

**State match provided by Municipality

***Projects are being funded through FRCOG TIP projects listed for information only

Table 6

Section 2: REGIONAL PRIORITY LIST OF STATE FUNDED (NFA) PROJECTS FOR YEAR 2011

Project Description	City/Town	Project ID	Funding	Fed. Funds	State Funds	Total Cost
Part 2A: Regional Priority Projects						
To be determined				\$0	\$0	\$0
				\$0	\$0	\$0
Subtotal Regional Priority Projects						
Part 2B: Priority Bridge Projects						
To be determined				\$0	\$0	\$0
				\$0	\$0	\$0
Subtotal Priority Bridge Projects						
Total All Projects				\$46,360,162	\$10,915,916	\$57,276,078

Projects included in this section of the TIP does not guarantee a projects advertisement and construction

Table 7

Section 1: FEDERALLY FUNDED PROJECTS: YEAR 2012

Project Description	City/Town	Project ID	Funding	Fed. Funds	State Funds	Total Cost	Reg. Target	TEC Score
Part 1A: Federal Aid Target Projects								
Anherst Road Reconstruction	Pelham	601154	STP	\$5,078,431	\$1,269,608	\$6,348,039		4.7
Route 159 (Main Street) Reconstruction (\$4,152,422)	Agawam	602653	STP	\$2,521,938	\$630,484	\$3,152,422		7.77
*Signal and Intersection Impr Summer Ave, Allen, Abbot, and Harkness (\$1,236,01)	Springfield	605685	STP	\$139,507	\$15,501	\$155,008		8.13
Resurfacing and Related Work on Route 66	Westhampton	605815	STP	<u>\$1,267,677</u>	<u>\$140,853</u>	<u>\$1,408,530</u>		3.53
Subtotal Target Projects				\$9,007,553	\$2,056,446	\$11,063,999	\$12,296,534	\$1,232,535
No CMAQ funds available				\$0	\$0	\$0	\$0	\$0
Subtotal CMAQ Projects				\$0	\$0	\$0	\$0	\$0
*Signal and Intersection Impr Summer Ave, Allen, Abbot, and Harkness (\$1,236,01)	Springfield	605685	HSIP	<u>\$972,893</u>	<u>\$108,099</u>	<u>\$1,080,992</u>	<u>\$1,080,992</u>	10.12
Subtotal HSIP Projects				\$972,893	\$108,099	\$1,080,992	\$1,080,992	\$0
Part 1B: Federal Aid Bridge Projects								
Bridge Replacement Hospital Hill Road over Oyaboag Stream	Monson	602178	BR	\$2,400,000	\$600,000	\$3,000,000		
Bridge Rehabilitation Route 116 Chicopee/Cabot St. over Conn. River and PVRR	Chicopee/Holyoke	82611	A/C Bridge	\$4,800,000	\$1,200,000	\$6,000,000		
Bridge Replacement Kennedy Rd over Roberts Meadow Brook	Northampton	604242	BR	\$924,000	\$231,000	\$1,155,000		
Bridge Rehab. Peloham Rd over Fort River	Amherst	604023	BR	<u>\$990,800</u>	<u>\$247,700</u>	<u>\$1,238,500</u>		
Subtotal Bridge Projects				\$7,200,000	\$1,800,000	\$9,000,000		
Part 1C: Federal Aid Non-Target Projects								
*Construct Holyoke Canalwalk and streetscape improve	Holyoke	603263	HPP-4274	\$3,505,163	\$876,291	\$4,381,454		Reduce
*Construct Holyoke Canalwalk and streetscape improve	Holyoke	603263	Sec. 115	\$215,997	\$0	\$215,997		
Hampshire County Bike Paths (Norwottuck Reconst)- construction	Various	605065	HPP-1773	<u>\$3,559,560</u>	<u>\$889,890</u>	<u>\$4,449,450</u>		
Subtotal Non-Target Projects				\$7,280,720	\$1,766,181	\$9,046,901		
Part 1D: Other Federal Aid Projects								
I-91 Interstate Pavement rehabilitation	West Springfield/Holyoke	605594	IM	<u>\$15,315,300</u>	<u>\$1,701,700</u>	<u>\$17,017,000</u>		
Subtotal Other Federal Aid Projects				\$15,315,300	\$1,701,700	\$17,017,000		
Total Federal Projects				\$39,776,466	\$7,432,426	\$47,208,892		

*Indicates projects with multiple funding sources
 Projects included in this section of the TIP does not guarantee a projects advertisement and construction
 Targets have been reduce to compensate for 4% per year inflation rate

Table 8

Section 2: REGIONAL PRIORITY LIST OF STATE FUNDED (NFA) PROJECTS FOR YEAR 2012

Project Description	City/Town	Project ID	Funding	Fed. Funds	State Funds	Total Cost
Part 2A: Regional Priority Projects						
To be determined				\$0	\$0	\$0
				\$0	\$0	\$0
Subtotal Regional Priority Projects						
Part 2B: Priority Bridge Projects						
To be determined				\$0	\$0	\$0
				\$0	\$0	\$0
Subtotal Priority Bridge Projects						
Total All Projects				\$39,776,466	\$7,432,426	\$47,208,892

Projects included in this section of the TIP does not guarantee a projects advertisement and construction

Table 9

Section 1: FEDERALLY FUNDED PROJECTS: YEAR 2013

Project Description	City/Town	Project ID	Funding	Fed. Funds	State Funds	Total Cost	Req. Target	TEC Score
Part 1A: Federal Aid Target Projects								
Route 187 - Feeding Hill Road	Westfield	604442	STP	\$4,245,802	\$1,061,450	\$5,307,252		7.43
impr. Int of West St./Glendale St./Loudville / Pomeroy Meadow	Easthampton	602486	STP	\$2,208,775	\$552,194	\$2,760,969		5.23
*imprvements To Allen St and Bicentennial Hwy (\$3,316,779)	Springfield	604821	STP	\$1,562,794.4	\$390,698.6	\$1,953,493		10.12
Subtotal Target Projects				\$8,017,371	\$2,004,343	\$10,021,714	\$10,021,714	\$0
Park and Ride Lot Construction	Northampton	606375	CMAQ	\$553,478	\$138,369	\$691,847		4.88
*imprvements To Allen St and Bicentennial Hwy (\$3,316,779)	Springfield	604821	CMAQ	\$225,835	\$56,459	\$282,294		10.12
Subtotal CMAQ Projects				\$779,313	\$194,828	\$974,141	\$2,161,984	\$1,187,843
*imprvements To Allen St and Bicentennial Hwy (\$3,316,779)	Springfield	604821	HSIP	\$972,893	\$108,099	\$1,080,992		8.13
Subtotal HSIP Projects				\$972,893	\$108,099	\$1,080,992	\$1,080,992	\$0
Part 1B: Federal Aid Bridge Projects								
Bridge Rehabilitation Route 116 Chicopee/Cabot St. over Conn. River and PVRR	Chicopee/Holyoke	82611	A/C Bridge	\$4,800,000	\$1,200,000	\$6,000,000		
Subtotal Bridge Projects				\$4,800,000	\$1,200,000	\$6,000,000		
Part 1C: Federal Aid Non-Target Projects								
Subtotal Non-Target Projects								
				\$0	\$0	\$0		
Part 1D: Other Federal Aid Projects								
Subtotal Other Federal Aid Projects				\$0	\$0	\$0		
Total Federal Projects				\$14,569,577	\$3,507,270	\$18,076,847		

*Indicates projects with multiple funding sources

Projects included in this section of the TIP does not guarantee a projects advertisement and construction

Targets have been reduce to compensate for 4% per year inflation rate

Section 2: REGIONAL PRIORITY LIST OF STATE FUNDED (NFA) PROJECTS FOR YEAR 2013

Projects included in this section of the TIP does not guarantee a projects advertisement and construction

Table 11

Section 1: FEDERALLY FUNDED PROJECTS: YEAR 2014

Project Description	City/Town	Project ID	Funding	Fed. Funds	State Funds	Total Cost	Reg. Target	TEC Score
Part 1A: Federal Aid Target Projects								
Route 181 Reclamation and Related Work	Belchertown	604433	STP	\$8,043,109	\$2,010,777	\$10,053,886		7.3
				\$8,043,109	\$2,010,777	\$10,053,886	\$9,396,840	(\$657,046)
Chicopee Riverwalk	Chicopee	602912	CMAQ	\$1,120,000	\$280,000	\$1,400,000		4.62
				\$1,120,000	\$280,000	\$1,400,000	\$2,161,984	\$761,984
To be determined								
Subtotal Target Projects								
Subtotal CMAQ Projects								
Subtotal HSIP Projects								
Part 1B: Federal Aid Bridge Projects								
Bridge Rehabilitation Route 116 Chicopee/Cabot St. over Conn. River and PVRR	Chicopee/Holyoke	82611	A/C Bridge	\$11,200,000	\$2,800,000	\$14,000,000		
				\$11,200,000	\$2,800,000	\$14,000,000		
Subtotal Bridge Projects								
Part 1C: Federal Aid Non-Target Projects								
To be determined				\$0	\$0	\$0		
Subtotal Non-Target Projects								
Part 1D: Other Federal Aid Projects								
To be determined				\$0	\$0	\$0		
Subtotal Other Federal Aid Projects								
Total Federal Projects								
				\$20,363,109	\$5,090,777	\$25,453,886		

*Indicates projects with multiple funding sources
 Projects included in this section of the TIP does not guarantee a projects advertisement and construction
 Targets have been reduce to compensate for 4% per year inflation rate

Table 12

Section 2: REGIONAL PRIORITY LIST OF STATE FUNDED (NFA) PROJECTS FOR YEAR 2014

Project Description	City/Town	Project ID	Funding	Fed. Funds	State Funds	Total Cost
Part 2A: Regional Priority Projects						
To be determined				\$0	\$0	\$0
				\$0	\$0	\$0
Subtotal Regional Priority Projects						
Part 2B: Priority Bridge Projects						
To be determined				\$0	\$0	\$0
				\$0	\$0	\$0
Subtotal Priority Bridge Projects				\$0	\$0	\$0
Total All Projects				\$20,363,109	\$5,090,777	\$25,453,886

Projects included in this section of the TIP does not guarantee a projects advertisement and construction

Appendix Z: Other projects within the Region

Table 13

Community	SID	Project Name	Project Description	Total Cost	TEC Score
Agawam	600513	N. Westfield St. / S. Westfield St. (Rte. 187)	Reconstruction: Pine St. to Westfield TL	\$12,875,077	7 6.95
Agawam	602653	Rte 159 (Main Street) Improvements	Resurfacing and related work	\$4,152,442	8 7.77
Agawam	603372	Connector, Rte 5 to Rte 57/rotary	Connector, Rte 5 to Rte 57/rotary	\$11,669,000	9 9.10
Agawam	603731	Bikeway Loop	Bikeway loop Main/River/School	\$2,415,690	4 4.02
Agawam	604203	Route 187/57 Intersection Improvements	Intersection Improvement	\$1,500,000	6 6.43
Agawam/Southwick	115300	Rte. 57 Highway Extension	Construction: Rte. 187 to Southwick	\$80,051,614	4 3.65
Amherst	082250	Route 116 (Notch) reconstruction	Reconstruction of roadway from Granby T.L. 1.1 miles north	\$4,570,000	9 9.10
Belchertown	604433	Route 181 (Footprint)	Rehabilitate Route 181 from S.Main St., includes S.Main, Mill Valley, Franklin, and Depot	\$9,500,000	7 7.30
Belchertown	604692	N. Washington St.Reconstruction	Reconstruction: S. Main St. to North Liberty Street	\$3,200,000	5 5.43
Belchertown	605556	Main @ Maple and Jabish Intersection Improvements	Traffic signal and geometric improvements at the Main Street (Route 181), Maple Street (Route 202), and Jabish Street (Route 21) intersection	\$690,000	7 6.68
Belchertown	605676	Bay Road Improvements	Resurfacing and related work on section of Bay Rd	\$700,000	0 0.00
Belchertown/Granby	604819	Route 202 Resurfacing	Resurfacing and related work on Route 202	\$1,800,000	5 5.43
Blandford/Russell	605614	Resurfacing Route 23	Resurfacing and Related work on Route 23 from Otis TL to Route 20 in Russell	\$5,700,000	3 3.45
Chicopee	602911	Connecticut Riverwalk	Construction: Plainfield St. to Nash Fld.	\$1,611,250	4 4.40
Chicopee	602912	Chicopee Riverwalk	Construction: From Chicopee Center, 2.5 mi.	\$1,400,000	5 4.62
Chicopee	604434	Fuller Rd. Corridor Improvements	Reconstruction: From Rte. 33 to Shawinigan Drive Improvement to 3 singalsMemorial Dr. at Montgomery and Sheridan St., Braodway at Main St., and Broadway at Belcher St.	\$6,200,000	8 8.27
Chicopee	604435	memorial Drive (Rt 33) Traffic signal improvement	Resurfacing and related work on Montgomery Street from Granby Rd to Dale Street	\$800,000	10 9.67
Chicopee	606034	Montgomer Road improvements	Rehabilitation: Worthington TL north 1.5 miles	\$622,966	0 0.00
Cummington	600301	Rte. 112	Route 9 Pavement Preservation from Windsor TL to Goshen TL	\$600,000	4 3.70
Cummington	605582	Route 9 Pavement Preservation	Reconstruction: Springfield CL to Center Sq.	\$5,508,300	3 3.45
East Longmeadow	601350	Elm Street Reconstruction		\$3,500,000	4 4.48

Appendix Z Continued

Community	SID	Project Name	Project Description	Total Cost	FEC Score
Easthampton	602486	West St./Glendale St./Loudville/PomeroyMeadow	Reconstruction: Intersection & signalization	\$2,760,969	5 5.23
Easthampton/Holyoke	605891	Route 5 resurfacing	Resurfacing and related work on route 5	\$2,839,950	5 4.62
Goshen	602888	Route 9 reconstruction	Resurface: Rte. 112 to Williamsburg TL	\$4,500,000	5 5.42
Goshen	605150	West Street Reclamation	Resurfacing and related work on West Street	\$2,839,950	0 0.00
Granby	605682	Amherst Street improvements	Resurfacing and related work	\$1,300,000	0 0.00
Hadley	602796	South Maple Street	Reconstruction: South of Rte. 9 to Bay Rd.	\$2,750,000	5 4.73
Hadley	604035	Route 9 at Route 47 intersection improvements	Traffic signal, safety improvements, geometry	\$2,700,000	8 7.67
Hadley	605032	Route 9 reconstruction	Reconstruction of Route 9 near Hampshire Mall	\$2,185,454	7 7.37
Hadley	605881	Route 9 reconstruction	Reconstruction form Middle St to E/O Mill Valley Rd (Lowes)	\$6,000,000	8 8.37
Holland	604962	Brimfield Road improvements	Resurfacing and related work	\$1,300,000	0 0.00
Holyoke	602925	Pleasant St.	Reconstruction: Cabot St. to Rte. 5	\$2,047,778	4 3.88
Holyoke	606045	Homestead Ave @ Lower Westfield Rd improvements	Signal and intersection improvements	\$1,100,000	10 9.67
Holyoke/West Springfield	604209	Route 5 Reconstruction from Ashley Ave.	Reconstruct Route 5 from Ashley Ave to Route 5	\$3,000,000	7 7.42
Huntington	605615	Route 112 Resurfacing	Route 112 Resurfacing and Related Work from MM.011 to MM 8.52	\$3,900,000	4 3.95
Ludlow	605011	Center Street (Route 21) reconstruction	Center street reconstruction	\$4,764,660	9 9.35
Monson	605687	Lower Hampden Rd Phase 2	Reconstruction from 3/4 miles south of Ely Road easterly to the intersection of Elm Street and Bridge Streetinclude drainage improvements, new guardrail, signage, pavement markings and approximately 1500 feet of new sidewalk.	\$4,750,000	4 3.88
Northampton	180525	Damon Rd. Safety Improvement	Reconstruction: Rte. 9 to King St. (Rte. 5)	\$4,575,000	8 8.10
Northampton	604452	Route 66 (West St.) at Earle Street intersection improvements	Intersection improvement: instalation of Signal to mitigate peak hour congestion	\$150,000	7 7.22
Northampton	605048	Mountain Rd (Route 5) improvements	Improvements to Mountain Rd	\$1,200,000	6 5.52
Northampton	605896	Route 5 improvements	Resurfacing and related work	\$1,800,000	4 4.13
Northampton-Whatley	604222	Park and Ride	construction of two park and ride lots at I-91(Exit 24) and one of Route 9 in Leeds	\$1,494,910	5 4.88
Palmer	601504	Rte. 32 (Ware Road)	Reconstruction: Stimson St. to Ware TL	\$22,854,850	7 7.43
Palmer	603873	Route 20 improvements	Resurfacing and related work	\$494,000	4 4.40

Appendix Z Continued

Community	SID	Project Name	Project Description	Total Cost	FEC Score
Pelham	601154	Amherst Rd. Reconstruction	Reconstruction: W/O Rte. 202 to Amherst TL	\$6,125,720	5 4.70
Plainfield	604825	Route 116 (Main St)	Resurfacing and Related work	\$1,250,000	4 4.37
South Hadley	605760	Morgan Street rehab	Rehabilitation	\$1,133,663	5 5.17
South Hadley	606009	Route 202 resurfacing	From College Street to Granby TL	\$1,812,060	6 5.73
Southampton	604653	East St. (Footprint)	Reconstruction: Rte. 10 to Holyoke TL	\$4,582,450	5 5.48
Southampton	604738	Glendale Rd. (Phase II)	Reconstruction: Pomeroy Meadow Road to Route 10.	\$1,900,000	4 3.82
Southwick	603477	Route 57 Reconstruction	Reconstruction Rt. 57 (Feeding Hills Road)	\$2,000,000	7 6.82
Southwick	604033	Congamond Rd. (Rte. 168) Reconstruction	Roadway reconstruction: From Route 202 to 250 ft before state line (before culvert)	\$4,500,000	6 6.47
Southwick	604153	Routes 10/202 resurfacing (southerly)	Routes 10/202 resurfacing (southerly)	\$2,600,000	6 5.52
Southwick	604155	Routes 10/202 resurfacing (northerly)	Routes 10/202 resurfacing (northerly)	\$2,000,000	6 5.60
Springfield	604448	Main St, Front, Route 141 Improvements (Indian Orchard)	Traffic signal and related work Main st, Fron st., Myrtle st (Route 141) Indian Orchard	\$785,000	7 6.78
Springfield	604449	North end and Brightwood Infrastructure Improvements (South)	Improvements Between I-91 exit 9 & 10 (South) Total cost all phases 7,878,000	\$3,844,574	10 9.85
Springfield	604603	Symphony Hall Plaza Improvements	Intersection and Pedestrian improvements at Court Street and Pynchon Street	\$300,000	3 2.52
Springfield	604821	Improvements to Allen street and Bicentennial Highway	Intersection and roadway improvements	\$2,000,000	10 10.12
Springfield	605385	Roosevelt Ave. @ Island Pond Rd and Roosevelt Ave @ Alden Street	Intersection and signal improvement plan realigns Island Pond Road with Roosevelt Avenue to create a three way signalized intersection as well as upgrading equipment and timing	\$1,529,817	5 4.83
Springfield	605683	Plumtree Rd improvements	Resurfacing and related work from Allen St to Wilbraham Rd	\$2,000,000	4 3.83
Springfield	605685	Signal and Intersection Improvements	Improvements at Sumner Ave, Allen Street, Abbot Street, and Harkness Avenue	\$1,236,000	8 8.13
Springfield	605817	Spring, Elliot, and Edward St intersection improvements	Originally part of State St improvements. Milling and overlay	\$1,700,000	9 8.65
Springfield/Wilbraham	605213	Boston Rd Reconstruction (Route 20)	Reconstruction of Boston Rd and other infrastructure improvements	\$9,260,000	10 9.52
Wales	605669	Sidewalk improvements	Sidewalk reconstruction and resurfacing at various locations on Route 119	\$309,000	4 4.10

Appendix Z Continued

Community	SID	Project Name	Project Description	Total Cost	TREC Score
Ware	603874	Resurfacing and Related Work Route 9	From Belchertown/Ware TL to 1000 feet east of		
West Springfield	603730	CT Riverwalk and Bikeway	Monson Turnpike Rd	\$1,012,957	0
			Dike Segement	\$2,500,000	5
West Springfield	604210	Rte 5 Reconstruction	Rte 5 Reconstruction from East Elm to Highland Ave.	\$4,800,000	9
West Springfield	604737	Westfield St. (Rte. 20)	Reconstruction: Second St. to Sibley Ave.	\$5,925,675	10
West Springfield	604746	Union Street Underpass	Reconstruct Union Street Underpass	\$15,000,000	11
Westfield	603330	Rte. 10/202 CBD Traffic Improvements	Elm Street, N. Elm Street	\$3,000,000	9
Westfield	603449	Western Avenue Highway Improvement	Reconstruct and improvements From Bates Rd to Court St, and Court until Mill Street	\$3,500,000	9
Westfield	603783	Columbia Greenway Rail trail and River Walk Phase I (South)	1.25 miles in length and extends from the Columbia Manufacturing Company to the Cowles Court and Sibley Ave access paths in the north and includes replacement of 5 bridges, rehab of a 6th	\$6,226,907	6
Westfield	604442	Route 187 - Feeding Hills Road reconstruction	Reconstruct Route 187 from 800ft east of Pontoosic Rd to Agawam T.L.	\$4,658,420	7
Westfield	604445	Route 187 - Sherman's Mill Bridge reconstruction	Reconstruct Route 187 from 260ft north on Sherman Bridge to 800ft east of Pontoosic rd.	\$6,926,210	8
Westfield	604446	Route 187 - Little River Road reconstruction	Reconstruct Route 187 from 300 ft south of Rt 20 to 260 ft North of Sherman Bridge	\$5,431,580	8
Westfield	604601	Route 20 Access Road	Design and Construct Route 20 Access Road	\$10,386,046	3
Westfield	604823	I-90 exit 3	Intersection and roadway improvements	\$1,200,000	9
Westfield	604967	Columbia Greenway Rail trail and River Walk Phase II (Middle)	Southwick townline north to 1,200 ft south East Silver Street, 1.66M (PHASE II)	\$4,537,500	6
Westhampton	602386	Southampton Rd.	Reconstruction: Rte. 66 to Stage Rd	\$1,400,000	4
Westhampton	602387	Chesterfield Rd.	Reconstruction: Northampton TL to Chesterfield TL	\$2,400,000	4
Westhampton	602822	Kings Highway and Reservoir Rd	Reconstruction: Kings Highway from Perryhill Road to Reservoir Rd, and Reservoir Rd from Kings Highway to Pine Island Lake Damb	\$1,360,000	4
Westhampton	605815	Route 66	Resurfacing of Route 66 from Northampton TL to Huntington TL	\$1,381,690	4

Appendix Z High Priority Project (HPP) List

Earmarks Awaiting Additional Funding						
Project Description	City/Town	Project ID	Funding	Fed. Funds	State Funds	Total
Design and construct Rt. 20 access road (\$10,355,971)	Westfield	604601	HPP-4287	\$2,002,950	\$500,738	\$2,503,688
Route 32 Ware Road Reconstruction (\$22,854,850)	Palmer	601504	HPP-4287	\$2,303,744	\$575,936	\$2,879,680
		602844;				
		604443;				
Design and construction of Southwick and Westfield Rail Trail	Southwick/Westfield	603783	HPP-1656	\$1,857,506	\$464,377	\$2,321,883
Spring and Elliot Street Improvements - Construction (\$700,000)	Springfield	605569	Sec. 125	\$950,000	\$0	\$950,000
*Construct Access roads to Hospital Hill (\$1,652,818)	Northampton	604451	HPP-158	\$302,865	\$75,716	\$378,581
*State St. Corridor Redevelopment Project (\$18,052,897)	Springfield	604447	HPP-217	\$899,056	\$224,764	\$1,123,820
*Design and construct 1.5 mile Red Stone Rail Trail(\$1,112,074)	East Longmeadow	602338	HPP-578	\$224,764	\$56,191	\$280,955
*Intersection improvements Memorial Park II - Roosevelt Ave. (\$2,310,853)	Springfield	604822	HPP-836	\$149,843	\$37,461	\$187,304
Design north and southbound ramps on I-91 at Exit 19 (\$15,000,000)	Northampton	604597	HPP-847	\$224,764	\$56,191	\$280,955
Pleasant Street (1998) (\$2,047,778)	Holyoke	602925	HPP - 1024	\$1,071,240	\$267,810	\$1,339,050
Upgrade Route 9 - Calvin Coolidge bridge (1998) (\$31,840,515)	Hadley	124913	HPP - 862	\$83,828	\$20,957	\$104,785
Great River Bridge, Design, Engineering, and ROW (1998) (\$59,813,683)	Westfield	600933	HPP - 1432	\$1,537,649	\$384,412	\$1,922,061
Total Project Cost				\$11,608,209	\$2,664,552	\$14,272,761

Earmarks located in Appendix Z will remain un-oprogrammed until full project funding is available

Projects list in appendix Z are shown for informational purposes and are not programmed in the TIP. If additional funds become available projects from this list could be added if the selected project would be ready for advertisement in that program year.

VI. Transit Project Listing for FFY 2011-2014

The following is a complete listing of programmed transit projects for FFY 2011-2014

Table 14

FY11 Pioneer Valley Transit TIP Project Information

RTA	Project Description	Funding	Funding Sub-Category	Federal Cost	State/Local Cost	Total
PVTA	Support Vehicles	**5307	Capital Purchase	\$37,000	**\$7,400	\$37,000
PVTA	Intelligent Transportations System (ITS)	5307	Capital Purchase	\$2,009,888	\$502,472	\$2,512,360
PVTA	Transit Enhancements	5307	Capital Purchase	\$113,132	\$28,283	\$141,415
PVTA	Facility Rehab	**5307	Facility Improvement	\$120,000	**\$24,000	\$120,000
PVTA	Environmental Compliance	5307	Facility Improvement	\$28,000	\$7,000	\$35,000
PVTA	Springfield Maintenance Storage Facility	**5307	Facility Improvement	\$144,000	**\$28,800	\$144,000
PVTA	Maintenance Tools & Equipment	**5307	Maintenance Items	\$120,000	**\$24,000	\$120,000
PVTA	Other Equipment	**5307	Maintenance Items	\$9,150	**\$1,830	\$9,150
PVTA	Planning	5307	Planning	\$200,000	\$50,000	\$250,000
PVTA	Articulated Buses	5307	Rolling Stock	\$0	\$0	\$0
PVTA	Buses (FFY10 Carryover)	**5307	Rolling Stock	\$6,425,926	**\$1,285,185	\$6,425,926
PVTA	Bus Fleet	5307	Rolling Stock	\$2,000,000	\$500,000	\$2,500,000
PVTA	Minibuses	5307	Rolling Stock	\$160,000	\$40,000	\$200,000
PVTA	Support Vehicles	5307	Non Revenue Vehicle	\$88,000	\$22,000	\$110,000
PVTA	Shelters (15)	**5307	Service Improvement	\$284,000	**\$56,800	\$284,000
PVTA	Signage and Lighting	**5307	Service Improvement	\$33,800	**\$6,760	\$33,800
PVTA	Shelter Pads and Lighting Installation	**5307	Service Improvement	\$31,200	**\$6,240	\$31,200
PVTA	IT Infrastructure	5307	Service Improvement	\$564,027	**\$112,805	\$564,027
PVTA	Westfield ITC-Deisgn Phase I	5307	ITCCAP	\$0	\$175,000	\$175,000
PVTA	Westfield ITC-Design of new facility at Elm and A	5307	ITCCAP	\$0	\$252,410	\$252,410
PVTA	Preventive Maintenance	5307	Service Improvement	\$4,500,000	\$1,125,000	\$5,625,000
PVTA	ADA Assistance	5307	Service Improvement	\$1,131,323	\$282,831	\$1,414,154
PVTA	Vans	5307	Vans	\$0	\$0	\$0
PVTA	Other Equipment (Speaker, Mic, Portable ID)	5307	Technology	\$7,320	\$1,830	\$9,150
PVTA	Environmental Monitoring (SpfId)	5307	ITCCAP	\$773,580	\$154,716	\$928,296
PVTA	Facility Repairs and Replacement	**5307	Facility Improvement	\$41,300	**\$10,325	\$51,625
Total				\$18,821,646	\$3,141,542	\$21,973,513
PVTA	State Contract Assistance	NFA	Operating Assistance	\$0	\$16,540,669	\$16,540,669
PVTA	Local Assessments	NFA	Operating Assistance	\$0	\$6,561,208	\$6,561,208
PVTA	E&H Special Transit Services	NFA	Operating Assistance	\$0	\$8,062,840	\$8,062,840
PVTA	Fixed Route Service	NFA	Operating Assistance	\$0	\$28,485,165	\$28,485,165
PVTA	Rural Transit E&H	5311	Operating Assistance		\$127,000	\$127,000
PVTA	Hybrid Buses	5309	Bus Livability/SGR	\$6,200,000	**\$1,240,000	\$6,200,000
PVTA	Intelligent Information System (ITS)	5309	Bus Livability/SGR	\$785,085	**\$157,017	\$785,085
PVTA	ITS/Customer Information	5309	Bus Livability/SGR	\$800,000	**\$160,000	\$800,000
PVTA	Lift Equipped Vans	5310	Vans	\$200,000	\$50,000	\$250,000
PVTA	Lift Equipped minibuses	5310	Mini-buses	\$0	\$300,000	\$300,000
PVPC	New Freedom (carryover)	5317	Operating Assistance	\$79,260	\$0	\$79,260
PVPC	JARC (carryover)	5316	Operating Assistance	\$353,818	\$0	\$353,818
PVPC	New Freedom (carryover)	5317	Operating Assistance	\$232,942	\$0	\$232,942
PVPC	JARC	5316	Operating Assistance	\$353,818	\$0	\$353,818
PVPC	New Freedom	5317	Operating Assistance	\$232,942	\$0	\$232,942
PVTA	Holyoke Multimodal Center (carryover)	5309	Intermodal Center	\$1,732,500	\$433,125	\$2,165,625
PVTA	Westfield Multimodal Center (carryover)	117	Intermodal Center	\$1,700,000	\$0	\$1,700,000
PVTA	Holyoke Multimodal Center (carryover)	EOTPW	Intermodal Center	\$0	\$1,500,000	\$1,500,000
PVTA	Holyoke Multimodal Center (carryover)	EOTPW	Intermodal Center	\$0	\$750,000	\$750,000
PVTA	Holyoke Multimodal Center (carryover)	115	Intermodal Center	\$2,000,000	\$0	\$2,000,000
PVTA	Union Station Redevelopment (carryover)	5309	Intermodal Center	\$4,500,000	\$1,125,000	\$5,625,000

** Value of approved Toll Credit included as federal funding

Table 15

FY12 Pioneer Valley Transit TIP Project Information

RTA	Project Description	Funding	Funding Sub-Category	Federal Cost	State/Local Cost	Total
PVTA	Support Vehicles	5307	Capital Purchase	\$29,600	\$7,400	\$37,000
PVTA	Intelligent Transportations System (ITS)	5307	Capital Purchase	\$1,400,000	\$350,000	\$1,750,000
PVTA	Transit Enhancements	5307	Capital Purchase	\$113,909	\$28,477	\$142,386
PVTA	Facility Rehab	5307	Facility Improvement	\$88,400	\$22,100	\$110,500
PVTA	Environmental Compliance	5307	Facility Improvement	\$28,000	\$7,000	\$35,000
PVTA	Springfield Maintenance Storage Facility	5307	Facility Improvement	\$0	\$0	\$0
PVTA	Maintenance Tools & Equipment	5307	Maintenance Items	\$80,000	\$20,000	\$100,000
PVTA	Other Equipment	5307	Maintenance Items	\$0	\$0	\$0
PVTA	Planning	5307	Planning	\$200,000	\$50,000	\$250,000
PVTA	Articulated Buses	5307	Rolling Stock	\$0	\$0	\$0
PVTA	Buses	5307	Rolling Stock	\$832,000	\$208,000	\$1,040,000
PVTA	Shelters	5307	Service Improvement	\$102,000	\$25,500	\$127,500
PVTA	Signage and Lighting	5307	Service Improvement	\$16,000	\$4,000	\$20,000
PVTA	Shelter Pads and Lighting Installation	5307	Service Improvement	\$40,000	\$10,000	\$50,000
PVTA	IT Infrastructure	5307	Service Improvement	\$595,743	\$148,936	\$744,679
PVTA	Westfield ITC	5307	Service Improvement	\$660,000	\$165,000	\$825,000
PVTA	Preventive Maintenance	5307	Service Improvement	\$4,500,000	\$1,125,000	\$5,625,000
PVTA	ADA Assistance	5307	Service Improvement	\$1,139,095	\$284,774	\$1,423,869
PVTA	Vans	5307	Vans	<u>\$540,905</u>	<u>\$135,226</u>	<u>\$676,131</u>
Total				\$10,365,652	\$2,591,413	\$12,957,065
PVTA	State Contract Assistance	NFA	Operating Assistance	\$0	\$16,954,186	\$16,954,186
PVTA	Local Assessments	NFA	Operating Assistance	\$0	\$6,725,238	\$6,725,238
PVTA	E&H Special Transit Services	NFA	Operating Assistance	\$0	\$8,264,411	\$8,264,411
PVTA	Fixed Route Service	NFA	Operating Assistance	\$0	\$29,339,720	\$29,339,720
PVTA	Rural Transit E&H	5311	Operating Assistance			\$127,000
PVTA	Lift Equipped Vans	5310	Vans	\$200,000	\$50,000	\$250,000
PVTA	Lift Equipped minibuses	5310	Mini-buses	\$0	\$300,000	\$300,000

Table 16

FY13 Pioneer Valley Transit TIP Project Information

RTA	Project Description	Funding	Funding Sub-Category	Federal Cost	State/Local Cost	Total
PVTA	Support Vehicles	5307	Capital Purchase	\$0	\$0	\$0
PVTA	Intelligent Transportations System (ITS)	5307	Capital Purchase	\$892,532	\$223,133	\$1,115,665
PVTA	Transit Enhancements	5307	Capital Purchase	\$115,048	\$28,762	\$143,810
PVTA	Facility Rehab	5307	Facility Improvement	\$76,000	\$19,000	\$95,000
PVTA	Environmental Compliance	5307	Facility Improvement	\$28,000	\$7,000	\$35,000
PVTA	Springfield Maintenance Storage Facility	5307	Facility Improvement	\$52,000,000	\$13,000,000	\$65,000,000
PVTA	Maintenance Tools & Equipment	5307	Maintenance Items	\$80,000	\$20,000	\$100,000
PVTA	Other Equipment	5307	Maintenance Items	\$0	\$0	\$0
PVTA	Planning	5307	Planning	\$200,000	\$50,000	\$250,000
PVTA	Articulated Buses	5307	Rolling Stock	\$0	\$0	\$0
PVTA	Buses	5307	Rolling Stock	\$2,937,546	\$734,387	\$3,671,933
PVTA	Shelters	5307	Service Improvement	\$0	\$0	\$0
PVTA	Signage and Lighting	5307	Service Improvement	\$4,000	\$1,000	\$5,000
PVTA	Shelter Pads and Lighting Installation	5307	Service Improvement	\$20,000	\$5,000	\$25,000
PVTA	IT Infrastructure	5307	Service Improvement	\$621,251	\$155,313	\$776,564
PVTA	Westfield ITC	5307	Service Improvement	\$0	\$0	\$0
PVTA	Preventive Maintenance	5307	Service Improvement	\$4,500,000	\$1,125,000	\$5,625,000
PVTA	ADA Assistance	5307	Service Improvement	\$1,150,486	\$287,622	\$1,438,108
PVTA	Vans	5307	Vans	\$880,000	\$220,000	\$1,100,000
Total				\$63,504,864	\$15,876,216	\$79,381,080
PVTA	State Contract Assistance	NFA	Operating Assistance	\$0	\$17,378,040	\$17,378,040
PVTA	Local Assessments	NFA	Operating Assistance	\$0	\$6,893,369	\$6,893,369
PVTA	E&H Special Transit Services	NFA	Operating Assistance	\$0	\$8,471,021	\$8,471,021
PVTA	Fixed Route Service	NFA	Operating Assistance	\$0	\$30,219,912	\$30,219,912
PVTA	Rural Transit E&H	5311	Operating Assistance			\$127,000
PVTA	Lift Equipped Vans	5310	Vans	\$200,000	\$50,000	\$250,000
PVTA	Lift Equipped minibuses	5310	Mini-buses	\$0	\$300,000	\$300,000

Table 17

FY14 Pioneer Valley Transit TIP Project Information

RTA	Project Description	Funding	Funding Sub-Category	Federal Cost	State/Local Cost	Total
PVTA	Support Vehicles	5307	Capital Purchase	\$0	\$0	\$0
PVTA	Intelligent Transportations System (ITS)	5307	Capital Purchase	\$1,102,810	\$275,703	\$1,378,513
PVTA	Transit Enhancements	5307	Capital Purchase	\$116,198	\$29,050	\$145,248
PVTA	Facility Rehab	5307	Facility Improvement	\$76,000	\$19,000	\$95,000
PVTA	Environmental Compliance	5307	Facility Improvement	\$28,000	\$7,000	\$35,000
PVTA	Springfield Maintenance Storage Facility	5307	Facility Improvement	\$0	\$0	\$0
PVTA	Maintenance Tools & Equipment	5307	Maintenance Items	\$80,000	\$20,000	\$100,000
PVTA	Other Equipment	5307	Maintenance Items	\$0	\$0	\$0
PVTA	Planning	5307	Planning	\$200,000	\$50,000	\$250,000
PVTA	Articulated Buses	5307	Rolling Stock	\$0	\$0	\$0
PVTA	Buses	5307	Rolling Stock	\$2,536,000	\$634,000	\$3,170,000
PVTA	Shelters	5307	Service Improvement	\$0	\$0	\$0
PVTA	Signage and Lighting	5307	Service Improvement	\$4,000	\$1,000	\$5,000
PVTA	Shelter Pads and Lighting Installation	5307	Service Improvement	\$20,000	\$5,000	\$25,000
PVTA	IT Infrastructure	5307	Service Improvement	\$714,913	\$178,728	\$893,641
PVTA	Westfield ITC	5307	Service Improvement	\$0	\$0	\$0
PVTA	Preventive Maintenance	5307	Service Improvement	\$4,500,000	\$1,125,000	\$5,625,000
PVTA	ADA Assistance	5307	Service Improvement	\$1,161,991	\$290,498	\$1,452,489
PVTA	Vans	5307	Vans	\$1,080,000	\$270,000	\$1,350,000
Total				\$11,619,913	\$2,904,978	\$14,524,891
PVTA	State Contract Assistance	NFA	Operating Assistance	\$0	\$17,812,491	\$17,812,491
PVTA	Local Assessments	NFA	Operating Assistance	\$0	\$7,065,703	\$7,065,703
PVTA	E&H Special Transit Services	NFA	Operating Assistance	\$0	\$8,682,797	\$8,682,797
PVTA	Fixed Route Service	NFA	Operating Assistance	\$0	\$31,126,509	\$31,126,509
PVTA	Rural Transit E&H	5311	Operating Assistance			\$127,000
PVTA	Lift Equipped Vans	5310	Vans	\$200,000	\$50,000	\$250,000
PVTA	Lift Equipped minibuses	5310	Mini-buses	\$0	\$300,000	\$300,000

STATEWIDE FEDERAL AID PROJECT LISTING

The MassDOT provided each planning agency a listing of statewide items anticipated for FFY 2011 to 2014. These items are to be funded separately from the regional TIP program. This information is provided in Tables 18, 19, and 20.

Table 18

**MassDOT
Interstate Maintenance Program
2010 - 2014**

Year	Route	Location	Proj. File Numb.	Dist.	From	To	Lns Shld	Tot. Lane Miles	Prelim. Office Estimate	Total Federal Participating Cost
2010	I-91	Holyoke	604605	2	15.0	20.8	6	34.8	10,833,384	12,700,220
	I-395	Oxford Auburn			9.8	11.8	6	12.0		
	I-290	Auburn Worcester Jct 395 to Swanson Rd			0.0	1.2	8	9.6		
	I-290	Auburn/Worcester Town Line to Bridge over Providence and Worcester RR			2.8	4.0	8	9.6	10,962,144	11,534,859
	I-93	Tewksbury Andover	605585	3	35.6	42.0	8	51.2	7,963,810	8,660,830
	I-95	Waltham	605584	4	40.5	44.6	10	41.0	22,472,351	26,573,950
2011	I-195	Westport - Dartmouth	604304	5	15.7	19.6	8	31.2	10,486,507	12,393,510
		Total 2010:						189.4	62,718,196	71,853,369
	I-91	WEST SPRINGFIELD- INTERSTATE MAINTENANCE & RELATED WORK ON I-91	605587	2	8.9	10.8	8	15.2	5,853,820	7,095,381
	I-395	AUBURN- WORCESTER- INTERSTATE MAINTENANCE & RELATED WORK ON I-395 & I-290	605585	3	4.5	9.8	6	31.8	9,858,000	11,731,020
	I-95	DANVERS- INTERSTATE MAINTENANCE RESURFACING & RELATED WORK ON I-95	606163	4	65.5	66.6	10	11.0	2,200,000	2,684,000
	I-95	CANTON - INTERSTATE RESURFACING AND RELATED WORK ON I-95	606166	4	23.8	26.0	8	17.6	4,400,000	5,280,000
2012	I-93	BOSTON - SOMERVILLE - INTERSTATE MAINTENANCE RESURFACING AND RELATED WORK ON I-93	606167	6	18.5	19.8	8	10.4	7,800,000	9,360,000
	I-95	BURLINGTON- INTERSTATE MAINTENANCE & RELATED WORK ON I-95	605589	4	51.4	53.4	10	20.0	9,000,000	10,800,000
	I-95	CANTON- NORWOOD- SHARON- WALPOLE- INTERSTATE MAINTENANCE & RELATED WORK ON I-95	605590	5	20.7	23.8	8	24.8	6,200,000	7,378,000
	I-495	BRIDGEWATER - RAYNHAM - TAUNTON - NORTON - INTERSTATE RESURFACING AND RELATED WORK ON I-495	606168	5	18.3	25.0	8	53.6	13,400,000	15,946,000
		Total FFY2011:						184.4	58,711,820	70,274,401
	I-91	HOLYOKE- WEST SPRINGFIELD- INTERSTATE MAINTENANCE & RELATED WORK ON I-91 (MM10.8 TO 15.0)	605594	2	10.8	15.0	6	25.2	14,300,000	17,017,000
2013	I-190	WORCESTER- INTERSTATE MAINTENANCE & RELATED WORK ON I-190 (NB)	605588	3	0.0	3.5	8	28.0	9,240,000	11,088,000
	I-495	HAYVERHILL- INTERSTATE MAINTENANCE & RELATED WORK ON I-495	605598	4	105.2	111.0	8	46.4	10,208,000	12,453,760
	I-495	MANSFIELD- NORTON- TAUNTON- INTERSTATE MAINTENANCE & RELATED WORK ON I-495	605591	5	25.2	32.0	8	54.4	11,424,000	13,937,280
	I-95	FOXBOROUGH- SHARON- INTERSTATE MAINTENANCE & RELATED WORK ON I-95	605596	5	12.5	16.5	8	32.0	6,880,000	8,393,600
	I-195	FALL RIVER- INTERSTATE MAINTENANCE & RELATED WORK ON I-195, FROM ROUTE 24 TO THE BRAGA BRIDGE	604575	5	12.2	14.0	8	14.4	5,896,800	7,194,096
		Total FFY2012:						200.4	57,948,800	70,083,736
2014	I-495	FRANKLIN - BELLINGHAM - MEDWAY - MILFORD - INTERSTATE RESURFACING AND RELATED WORK ON I-495	606169	3	42.4	50.4	8	64.0	13,440,000	15,993,600
	I-495	WESTFORD- INTERSTATE MAINTENANCE & RELATED WORK ON I-495	605586	3	83.1	85.1	8	16.0	3,360,000	3,998,400
	I-95	LYNNFIELD- WAKEFIELD- INTERSTATE MAINTENANCE & RELATED WORK ON I-95	605597	4	56.6	60.9	10	43.0	7,525,000	8,954,750
	I-93	WILMINGTON- WOBURN- INTERSTATE MAINTENANCE & RELATED WORK ON ROUTE I-93	604879	4	29.7	35.6	8	47.2	10,384,000	12,356,960
	I-95	LEXINGTON - BURLINGTON - INTERSTATE RESURFACING AND RELATED WORK ON I-95	606170	4	44.7	51.4	10	67.0	8,710,000	10,364,900
	I-95	FOXBOROUGH - INTERSTATE RESURFACING AND RELATED WORK ON I-95	606171	5	16.5	20.7	8	33.6	7,728,000	9,196,320
2014	I-195	NEW BEDFORD - FAIRHAVEN - INTERSTATE MAINTENANCE RESURFACING AND RELATED WORK ON I-195	606172	5	25.1	29.5	8	35.2	7,920,000	9,424,800
		Total FFY2013:						306.0	59,067,000	70,289,730
	I-91	BERNARDSTON - INTERSTATE MAINTENANCE RESURFACING AND RELATED WORK	606173	2	49.8	54.9	6	30.6	7,650,000	9,103,500
	I-84	STURBRIDGE- HOLLAND- INTERSTATE MAINTENANCE & RELATED WORK ON I-84	605592	3	0.0	7.5	6	45.0	10,350,000	12,316,500
	I-495	CHELMSFORD - LOWELL - TEWKSBURY - INTERSTATE MAINTENANCE RESURFACING AND RELATED WORK	606174	4	89.9	94.9	8	40.0	9,200,000	10,948,000
	I-95	NEWBURYPORT - AMESBURY - SALISBURY - INTERSTATE MAINTENANCE RESURFACING AND RELATED WORK ON I-95	606175	4	84.0	90.0	8	48.0	11,040,000	13,137,600
2014	I-495	FOXBOROUGH - PLAINVILLE - WRENTHAM - FRANKLIN - INTERSTATE MAINTENANCE RESURFACING AND RELATED WORK ON I-495	606176	5	32.6	42.4	8	78.4	12,936,000	15,393,840
	I-195	SEEKONK - REHOBOTH - INTERSTATE MAINTENANCE RESURFACING AND RELATED WORK ON I-195	606177	5	0.0	4.3	8	34.4	7,740,000	9,210,600
		Total FFY2014:						276.4	58,916,000	70,110,040

Table 19

MassDOT
Interstate Maintenance Program
2010 - 2014

Year	NHS Route	Location	Proj. Num.	Dist	From	To	Lns+ Shld	Tot Lane MI	Prelim. Office Estimate	Total Federal Participating Cost
2010	33	CHICOPEE- SOUTH HADLEY- RESURFACING, CONCRETE REPAIRS & RELATED WORK ON ROUTE 33 (MEMORIAL DRIVE)	605260	2	0.0	4.0	4	16.0	4,400,000	5,368,000
	146N	DOUGLAS- NORTHBRIDGE- SUTTON- UXBRIDGE- RESURFACING & RELATED WORK ON ROUTE 146 (NB)	606035	3	3.7	13.7	3	30.0	7,742,985	9,500,000
NHS		Total FFY 2010:						46.0	12,142,985	14,868,000
2011	2	FITCHBURG- LEOMINSTER- LANCASTER- RESURFACING & RELATED WORK ON ROUTE 2	605722	3	97.0	103.0	6	36.0	5,040,000	6,148,900
	28	FALMOUTH- RESURFACING & RELATED WORK ON ROUTE 28	605619	5	50.7	57.0	6	37.8	4,347,000	5,303,340
	24	FALL RIVER- RESURFACING & RELATED WORK ON ROUTE 24 (FROM MILEMARKER 0.0 TO 1.7)	605698	5	0.00	1.80	6	10.8	2,430,000	2,964,600
NHS		Total FFY2011:						37.8	11,817,000	14,416,740
2012	2	ACTION- BOXBOROUGH- LITTLETON- RESURFACING & RELATED WORK ON ROUTE 2	604472	3	114.0	119.8	6	34.8	3,828,000	4,670,160
	28	BOURNE - RESURFACING AND RELATED WORK ON RT.28	606178	5	56.5	63.0	6	39.0	6,045,000	7,374,900
NHS		Total FFY2012:						73.8	9,873,000	12,045,060
2013	3	WEYMOUTH- RESURFACING & RELATED WORK ON ROUTE 3	605602	4	36.0	38.0	8	16.0	2,400,000	2,928,000
	6	DENNIS - HARWICH - BREWSTER - ORLEANS - RESURFACING AND RELATED WORK ON RT. 6	606179	5	78.5	90.8	3	36.9	4,981,500	6,077,430
NHS		Total FFY2013:						52.9	7,381,500	9,005,430
2014	7	SHEFFIELD - GREAT BARRINGTON - RESURFACING AND RELATED WORK ON US RT. 7	606180	1	0.0	7.8	4	31.2	3,744,000	4,567,680
	20	NORTHBOROUGH- RESURFACING & RELATED WORK ON ROUTE 20	605610	3	122.0	126.5	4	18.0	2,430,000	2,964,600
	24	RANDOLPH- CANTON- RESURFACING & RELATED WORK ON ROUTE 24	605607	4	39.0	40.0	8	8.0	1,280,000	1,561,600
NHS		Total FFY2014:						8.0	7,454,000	9,093,880

* Note: Includes \$0.4 m CMMIPO TIP funds

PROJECT IMPLEMENTATION

The TIP is also used as a management tool for monitoring the progress and implementation of the RTP and previous TIP's. The award status of FFY 2009-2010 TIP projects are identified in the following table.

Table 20

Year	FY2010 Highway Project Description	Municipality	SID	Funding	Programmed	Status
2010	*I-91 ITS (\$30,761,644)	Region Wide	603903	STP	\$1,565,999	Construction
2010	*Main St. (Rte. 20) and Park Square Hwy Improvement (\$15,000,000)	Westfield	603318	STP/ER	\$15,000,000	Construction
2010	*Manhan Rail Trail Coleman Road Extension (\$1,176,000)	Easthampton	604441	STP	\$103,923	Construction
2010	*Routes 10/202 resurfacing (center) (\$5,467,531)	Southwick	604154	STP/ER/HSIP	\$2,289,664	Not Advertised
2010	*Intersection improvements, Chapin at East Street	Ludlow	604437	STP/ER	\$1,301,020	Construction
2010	Mahan Rail Trail Bridge over Manhan River	Northampton / Easthampton	605728	STP	\$620,000	Not Advertised
2010	*Rte 116 Atkins Corner (\$7,508,980 MHD price 6/30/09)	Amherst	604043	STP/ER	\$7,508,980	Not Advertised
2010	East Street reconstruction (Footprint)	Chesterfield	604718	ER**	\$3,305,000	Construction
2010	Pioneer Valley Transit Authority Operating Assistance Flex Resurface and Related Work Burnett Rd: New Lombard to Ludlow T.L.	Region wide		ER**	\$1,625,945	Construction
2010	Resurface and Related Work Westfield Rd (202): Ashley Rd To Old County Rd	Chicopee	605709	ER**	\$1,100,000	Construction
2010	Resurfacing and Related Hadley Street (47)	Holyoke	605643	ER**	\$1,545,000	Construction
2010	Landscaping on Columbus Avenue (East & West) along I-91 Ramp relocation	South Hadley	605673	ER**	\$1,500,000	Construction
2010	Route 116 Resurfacing S/O Route 9 to Hampshire College Entrance	Springfield	603543	ER**	\$1,800,000	Construction
2009	*Center Street (Route 116)	Amherst	605648	ER**	\$2,300,000	Construction
2009	Springfield Street Reconstruction	Chicopee	603996	STP	\$5,750,000	Construction
2009	Route 20 Resurfacing	Palmer	602575	STP	\$4,972,000	Construction
2009	*I-91 ITS	Chester / Huntington	602314	STP	\$4,935,000	Construction
2009	Rte. 9 & Bridge Rd. Roundabout	Region Wide	603903	CMAQ	\$1,229,235	Construction
2009	***Jackson St. School (Safe Routes to School Infrastructure Program)	Northampton	603054	CMAQ/HSIP	\$2,056,797	Construction
2009	Route 9 Resurfacing and Related work on 2 sections of roadway	Northampton	605634	ER*	\$710,000	Construction
2009	Ware River Secondary track improvements	Belchertown / Ware	605540	ER*	\$6,100,000	Construction
2009	Connecticut River Line improvements	Palmer	FRE-101	ER	\$4,000,000	Construction
2009	Elm Street Reclamation and Related Work	Springfield to Northfield	FRE-105	IR**	\$25,000,000	Construction
2009	Red Bridge Road Bridge Reconstruction (Over NIE Utilities Canal)	Hatfield	604208	ER*	\$1,160,308	Construction
2009	Manhan Rail Trail Earle Street to Ferry Street	Wilbraham	602652	ER*	\$2,028,670	Construction
2009		Northampton / Easthampton	604207	ER*	\$4,668,595	Construction

AIR QUALITY CONFORMITY DETERMINATION

Pioneer Valley (MPO)

FFY 2011-2014 Transportation Improvement Program

Background

The Commonwealth of Massachusetts is classified as serious nonattainment for ozone, and is divided into two nonattainment areas. The Eastern Massachusetts ozone nonattainment area includes Barnstable, Bristol, Dukes, Essex, Middlesex, Nantucket, Norfolk, Suffolk, and Worcester counties. Berkshire, Franklin, Hampden, and Hampshire counties comprise the Western Massachusetts ozone nonattainment area. With these classifications, the 1990 Clean Air Act Amendments (CAAA) required the Commonwealth to reduce its emissions of volatile organic compounds (VOCs) and nitrogen oxides (NO_x), the two major precursors to ozone formation to achieve attainment of the ozone standard. In April 2002, the City of Springfield was re-designated to attainment for carbon monoxide with an EPA-approved limited maintenance plan (see the 2007 Transportation Plan for more details).

The CAAA also required Metropolitan Planning Organizations (MPOs) within nonattainment areas to perform conformity determinations prior to the approval of their Regional Transportation Plans (RTPs) and Transportation Improvement Programs (TIPs). In the summer of 2007, the Federal Highway Administration (FHWA) – in consultation with the Environmental Protection Agency (EPA New England) and the Massachusetts Department of Environmental Protection (DEP) – confirmed that all 13 of the RTPs for the year 2007 in Massachusetts were in conformity with the Massachusetts State Implementation Plan (SIP). A brief summary of major conformity milestones in recent years is as follows (more details are provided in the 2007 RTPs and related documents):

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

In 2007, air quality analyses were conducted on behalf of all the 2007 Regional Transportation Plans (RTPs), the purposes of which were to evaluate the RTPs' air quality impacts on the SIP. Conformity determinations were performed to ensure that all regionally significant projects were included in the RTPs. The Massachusetts Department of Transportation found the emission levels from the 2007 Regional Transportation Plans to be in conformance with the SIP. Each MPO had certified (and continues to certify) that all activities outlined in its Plan and its TIP:

- will not cause or contribute to any new violation of any standard in any area;
- will not increase the frequency or severity of any existing violation of any standard in any area; and,

- will not delay the timely attainment of any standard or any required interim emission reductions or other milestones in any area.

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

Conformity Test

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

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

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

Horizon years for regional and state model analyses have been established following 40 CFR 93.106(a) of the Federal Conformity Regulations. The years for which the regional and state transportation models were run for emission estimates are shown below:

- 2007: Milestone Year – This year is now being used by the statewide travel demand model as the new base year for calculation of emission reductions of VOCs and NOx.
- 2017: Milestone Year and Analysis Year: This year is used to show conformity with the 2009 emission budgets for ozone precursors in Western Massachusetts
- 2020: Analysis Year
- 2030: Horizon Year – last forecast year of the regional transportation plan

Changes in Project Design since the Last Conformity Determination Analysis

The Commonwealth requires that any change in project design from the previous conformity determination for

the region is identified. Changes that have occurred since the last conformity determination in 2009 are as follows:

- The modeled base year has changed from 2000 to 2007.
- A new analysis year has been included in the conformity determination. An air quality analysis has been completed for 2017. This complies with the conformity guidelines for no more than ten years between analysis years (2007 base to 2017 analysis year).
- Emission factors have been developed for 2017 using Mobile 6.2 with inputs approved by DEP and EPA.
- New HPMS adjustment factors have been developed for the new 2007 base year.

As stated in EPA guidance, all areas of serious ozone and carbon monoxide nonattainment must use FHWA's Performance Monitoring System (HPMS) to track daily vehicle-miles of travel (VMT) prior to attainment to ensure that the state is in line with commitments made in reaching attainment of the ambient air quality standards by the required attainment dates. MassDOT provided HPMS information to DEP. DEP used this information in setting mobile-source budgets for VOC, NO_x, and CO in all SIP revisions prior to 1997. DEP has since revised its VOC and NO_x budgets using transportation-demand model runs. However, the models must still be compared to HPMS data since HPMS remains the accepted tracking procedure as outlined in the regulations.

The conformity regulations require that all model-based VMT be compared with the HPMS VMT to ensure that the region is in line with VMT and emission projections made by DEP. An adjustment factor that compares the 2007 HPMS VMT to the 2007 transportation model VMT has been developed. This adjustment factor is then applied to all modeled VOC and NO_x emissions for the years 2017 through 2030 to ensure consistency with EPA-accepted procedures.

$$\frac{15,282,000 \text{ (2007 HPMS VMT)}}{13,128,032 \text{ (2007 Modeled VMT)}} = 1.164 \text{ Adjustment factor for (Pioneer Valley)} \\ \text{for VOC and NO}_x$$

HPMS adjustment factors, calculated on a regional basis, are applied to the model output of future scenarios, and they change as base-year models are updated or improved, or as HPMS data is revised or updated.

The milestone and analysis year transportation model networks are composed of projects proposed in this 2011-2014 TIP. Projects in these networks consist of all in-place "regionally significant" projects that can reasonably be expected to be completed by a given analysis/horizon year with consideration of available funding commitments. This project group would include, but not be limited to, regionally significant projects where at least one of the following steps has occurred within the past three years:

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

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

Regionally Significant Projects Included in the Transportation Models for the Western Massachusetts Ozone Non-Attainment Area

Analysis Year	Community	Project Description – Pioneer Valley Region
2017	Chicopee	Memorial Drive signal coordination.
2017	Chicopee	Traffic coordination and improvements along Broadway.
2017	Hadley	Route 9 signal coordination.
2017	Holyoke, W.Springfield	Route 5 signal coordination.
2017	Northampton	Road widening on Damon Road from Rte 9 to King St.
2017	Westfield	Route 10/202 Great River Bridge - two bridges acting as one-way pairs.
2017	Westfield	Route 20 signal coordination.
2020	Agawam	Route 57 Fly-over Ramp.
2020	E. Longmeadow	Improvements to the East Longmeadow Rotary.
2020	Northampton	Improvements to I-91 Exit 19 to construct a full interchange.
2020	Springfield	New slip ramp from I-291 to East Columbus Avenue.
2020	West Springfield	Improve the Union Street Railroad Underpass. Construct a truck bypass road.
2030	Agawam	Improvement to Route 5 access ramps for truck routing.
2030	Agawam	Route 57 Phase II new limited access highway from Route 187 to Southwick Line.
2030	Agawam, Longmeadow, Springfield	Improve the South End Bridge, pedestrian connections to Agawam/Springfield Riverwalks. fix existing lane reduction problem on I-91 between Exits 1-3.
2030	Chicopee, Holyoke	Route 116 Bridge Improvements (possible widening).
2030	Ludlow, Springfield	Route 21 bridge reconstruction (possible to be widened as well).
Analysis Year	Community	Project Description – Berkshire Region
2017	Great Barrington	Main St. intersection improvements, signalization upgrades and add turning lanes
2020	Pittsfield	Safety and capacity improvements on East St. between Elm St. and Merrill Road
2020	Pittsfield	Intersection widening, turning lane improvements First/Tyler & Tyler/Stoddard Ave
2020	Pittsfield	Construct connector street from W. Housatonic St. to West St. near CSX yard
2030	Great Barrington	Realign & widen State Rd., including new bridge to replace the current Brown bridge
2030	Lanesboro/Cheshire	Construct passing lanes on Route 8 between Mall Road and truck weighing station
2030	Stockbridge - MassPike	Construct full interchange at Exit 1 with mitigation on impacted area roadways
2030	Great Barrington	Realign & widen State Rd., including new bridge to replace the current Brown bridge
Analysis Year	Community	Project Description - Franklin Region
n/a	n/a	none

Air Quality Conformity Analysis

Additional specific information regarding the analysis and modeling methods, latest planning assumptions, and consultation procedures are all detailed in the 2007 RTP (and appendix B). The emissions from the following MPOs have been combined to show conformity with the SIP for the Western Massachusetts Nonattainment Area:

- Berkshire Region MPO
- Franklin Regional Council of Governments*
- Pioneer Valley MPO

* This region does not contain any official urbanized areas, but is considered to be an MPO for planning purposes.

Using the latest planning assumptions, the Massachusetts Department of Transportation, Office of Transportation Planning, estimated the emissions for VOC and NOx for all areas and all MPOs through a combination of the statewide and selected regional travel demand models (and with assistance from MPO staff). The VOC mobile source emission budget for 2009 for the Western Massachusetts Nonattainment Area has been set at 10.73 tons per summer day and the 2009 mobile source budget for NOx is 27.73 tons per summer day. As shown in Tables 1 and 2, the results of the air quality analysis demonstrate that the VOC and NOx emissions from all Action scenarios are less than the VOC and NOx emissions budgets for the Western Massachusetts Nonattainment Area:

TABLE 1

VOC Emissions Estimates for the Western Massachusetts Ozone Nonattainment Area

(all emissions in tons per summer day)

Year	(Pioneer Valley) Action Emissions	Western MA Action Emissions	Budget	Difference (Action – Budget)
2007	n/a	14.798	n/a	n/a
2017	4.1213	6.512	10.73	-4.218
2020	3.8324	6.051	10.73	-4.679
2030	3.4868	5.532	10.73	-5.198

TABLE 2
NO_x Emissions Estimates for the Western Massachusetts Ozone Nonattainment Area
(all emissions in tons per summer day)

Year	(Pioneer Valley) Action Emissions	Western MA Action Emissions	Budget	Difference (Action – Budget)
2007	n/a	41.612	n/a	n/a
2017	6.6658	10.440	27.73	-17.290
2020	4.9650	7.784	27.73	-19.946
2030	3.1791	5.011	27.73	-22.719

This conformity determination analysis has been prepared in accordance with EPA's final conformity regulations. The air quality analyses outlined in this document demonstrate that the implementation of the TIP satisfies the conformity criteria where applicable and is consistent with the air quality goals in the Massachusetts SIP. Specifically, the Pioneer Valley MPO has found the emission levels from this FY 2011-2014 TIP – in combination with the emission levels from the other MPOs in its nonattainment area – demonstrate conformity with the SIP. Therefore, the FFY 2011 - 2014 Transportation Improvement Program (TIP) is in conformity with the SIP where required.

APPENDICES

APPENDIX A: MassDOT Targets

Summary of Proposed FFY 2010 - 2014 MPO Targets 6/9/2010

	Current 2010	Current 2011	Proposed 2011	Current 2012	Proposed 2012	Current 2013	Proposed 2013	Proposed 2014
Base Obligation Authority	\$532,000,000	\$532,000,000	\$560,000,000	\$532,000,000	\$560,000,000	\$532,000,000	\$590,000,000	\$560,000,000
Special Bridge Program OIA, as Estimated by FHWA	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Redistribution, as Estimated by FHWA	\$37,000,000	\$37,000,000	\$40,000,000	\$37,000,000	\$40,000,000	\$37,000,000	\$40,000,000	\$40,000,000
Total Estimated Obligation Authority Available:	\$569,000,000	\$569,000,000	\$600,000,000	\$569,000,000	\$600,000,000	\$569,000,000	\$630,000,000	\$600,000,000
Central Artery/Tunnel Obligation Authority	-\$151,250,000	-\$159,365,000	-\$159,365,000	-\$165,560,000	-\$165,560,000	-\$176,595,000	-\$176,595,000	-\$183,795,000
Total Non-Enmarked OIA Available Statewide	\$417,750,000	\$409,635,000	\$440,635,000	\$403,440,000	\$434,040,000	\$392,445,000	\$453,405,000	\$416,205,000
Total Non-Enmarked Available Statewide (Including State Match)	\$511,433,611	\$502,105,250	\$539,043,750	\$493,862,500	\$524,862,500	\$468,306,250	\$511,058,250	\$504,068,250
Statewide Infrastructure Items:								
Statewide Infrastructure Program (Includes Noise Barriers)	\$1,500,000	\$1,500,000	\$6,000,000	\$1,500,000	\$1,500,000	\$6,000,000	\$6,000,000	\$6,000,000
Statewide Safety Program	\$4,000,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Statewide HSIP Program	\$2,500,000	\$2,500,000	\$5,000,000	\$2,500,000	\$2,500,000	\$5,000,000	\$5,000,000	\$5,000,000
Statewide Safe Routes to Schools Program	\$3,200,000	\$3,500,000	\$3,500,000	\$3,500,000	\$3,500,000	\$3,500,000	\$3,500,000	\$3,500,000
Statewide CMAQ	\$3,900,000	\$6,900,000	\$12,500,000	\$9,500,000	\$9,500,000	\$6,250,000	\$6,250,000	\$6,250,000
Statewide Transportation Enhancements	\$500,000	\$3,500,000	\$3,500,000	\$3,500,000	\$3,500,000	\$500,000	\$500,000	\$500,000
Statewide Recreational Trails	\$783,000	\$783,000	\$783,000	\$783,000	\$783,000	\$783,000	\$783,000	\$783,000
Statewide ITS Includes Rte 141 in 2010 & 2011	\$12,687,500	\$11,625,000	\$11,625,000	\$6,375,000	\$6,375,000	\$6,250,000	\$6,250,000	\$6,250,000
Statewide Design and Right of Way	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Statewide Interstate Maintenance Program	\$73,611,111	\$70,000,000	\$70,000,000	\$70,000,000	\$70,000,000	\$70,000,000	\$70,000,000	\$70,000,000
Statewide M-45 Preservation Program	\$14,500,000	\$14,500,000	\$14,500,000	\$12,000,000	\$12,000,000	\$9,178,750	\$9,178,750	\$9,178,750
Statewide Railroad Grade Crossings	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000
Statewide Transit	\$37,200,000	\$31,200,000	\$31,200,000	\$25,000,000	\$25,000,000	\$0	\$0	\$0
Subtotal Statewide Infrastructure Items:	\$154,141,611	\$149,158,000	\$159,158,000	\$135,158,000	\$135,158,000	\$110,961,750	\$110,961,750	\$110,961,750
Other Statewide Items:								
Award Agreements, Change Orders, Project Value Changes, Etc.	\$43,750,000	\$43,750,000	\$43,750,000	\$43,750,000	\$43,750,000	\$43,750,000	\$43,750,000	\$43,750,000
Planning	\$23,000,000	\$23,000,000	\$23,000,000	\$23,000,000	\$23,000,000	\$23,000,000	\$23,000,000	\$23,000,000
DEA, CEPO, Pavement Lab Retrofits, and Misc. Programs	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Subtotal Other Statewide Items:	\$66,750,000	\$66,750,000	\$66,750,000	\$66,750,000	\$66,750,000	\$66,750,000	\$66,750,000	\$66,750,000
Regional Major Infrastructure Projects:	\$41,000,000	\$40,000,000	\$40,000,000	\$40,000,000	\$40,000,000	\$40,000,000	\$40,000,000	\$40,000,000
Bridge Programs:								
Statewide Bridge Repl./ Rehab Program	\$111,545,828	\$113,045,828	\$121,483,328	\$116,795,828	\$116,795,828	\$121,483,328	\$121,483,328	\$121,483,328
Statewide Bridge Preservation Program	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Statewide Bridge Inspection Program	\$6,250,000	\$6,250,000	\$6,250,000	\$6,250,000	\$6,250,000	\$6,250,000	\$6,250,000	\$6,250,000
Subtotal Federal Aid Bridge Programs:	\$117,795,828	\$119,295,828	\$127,733,328	\$123,045,828	\$123,045,828	\$127,733,328	\$127,733,328	\$127,733,328
Regional Targets:								
Minimum Regional CMAQ Component:	\$0	\$0	\$12,500,000	\$0	\$0	\$0	\$0	\$0
Minimum Regional HSIP Component:	\$10,000,000	\$10,000,000	\$10,000,000	\$10,000,000	\$10,000,000	\$10,000,000	\$10,000,000	\$10,000,000
Maximum Regional Non-CMAQ / HSIP Component:	\$121,746,173	\$116,902,423	\$116,902,423	\$118,908,673	\$118,908,673	\$103,611,173	\$103,611,173	\$103,611,173
Total Regional Target (Un-Adjusted)	\$135,746,173	\$126,902,423	\$139,402,423	\$128,908,673	\$128,908,673	\$133,611,173	\$133,611,173	\$133,611,173
Year of Expenditure factor					4%		8.15%	12.48%
Total Regional Target with Year of Expenditure adjustment					123,752,328		122,708,501	116,936,488

TITLE 23 - TRANSPORTATION FUNDING
Statewide Highway-Funded Program

FEDERAL FISCAL YEAR 2011
FEDERAL REGIONAL TARGETS
June 9, 2010

	Obligation Authority	Obl. Auth. Matching State Funds	Total Funding Based On Obl. Auth.
Base Obligation Authority	\$500,000,000		
Redistribution, as Estimated by FHWA	\$40,000,000		
Total Estimated Obligation Authority Available:	\$600,000,000		
Central Artery/Tunnel Obligation Authority	(159,385,000)		
Total Non-Earmarked Available Statewide - (Including Redistribution)	440,635,000	98,408,750	539,043,750
Statewide Infrastructure Items:			
Statewide Infrastructure Program	\$4,800,000	\$1,200,000	\$6,000,000
Statewide STP - Safety Program	0	\$0	\$0
Statewide HSIP Program	4,500,000	\$500,000	\$5,000,000
Statewide Safe Routes to Schools Program	3,500,000	\$0	\$3,500,000
Statewide CMAQ	10,000,000	\$2,500,000	\$12,500,000
Statewide Transportation Enhancements	2,800,000	\$700,000	\$3,500,000
Statewide Recreational Trails	626,400	\$156,600	\$783,000
Statewide ITS (Incl. Rte I-91 A/C \$4.7M)	9,300,000	\$2,325,000	\$11,625,000
Statewide Design and Right of Way	0	\$0	\$0
Statewide Interstate Maintenance Program	63,000,000	\$7,000,000	\$70,000,000
Statewide NHS Preservation Program	11,000,000	\$2,900,000	\$14,500,000
Statewide Railroad Grade Crossings	400,000	\$100,000	\$500,000
Statewide Transit	25,000,000	\$6,250,000	\$31,250,000
Subtotal Statewide Infrastructure Items:	\$135,526,400	\$28,631,600	\$169,158,000
Other Statewide Items:			
Award Adjustments, Change Orders, Project Value Changes, Etc.	\$35,000,000	\$8,750,000	\$43,750,000
Planning	18,400,000	\$4,600,000	\$23,000,000
DBEs, CEPO, Pavement Lab Retrofits, and Misc. Programs	0	\$0	\$0
Subtotal Other Statewide Items:	\$53,400,000	\$13,350,000	\$66,750,000
Regional Major Infrastructure Projects:	\$32,000,000	\$8,000,000	\$40,000,000
Bridge Program:			
Statewide Bridge Repl. / Rehab Program	\$97,186,662	\$24,296,666	\$121,483,328
Statewide Bridge Preservation Program	0	\$0	\$0
Statewide Bridge Inspection Program	5,000,000	\$1,250,000	\$6,250,000
Subtotal Federal Aid Bridge Program:	\$102,186,662	\$25,546,666	\$127,733,328
Total Regional Targets:	\$111,521,938	\$27,880,485	\$139,402,423
Minimum Regional CMAQ Component:	\$10,000,000	\$2,500,000	\$12,500,000
Minimum Regional HSIP Component:	\$8,000,000	\$2,000,000	\$10,000,000

Region	Regional Share (%)	Regional Minimum HSIP Component With State Match	Regional Minimum CMAQ Component With State Match	Total Regional Targeted With State Match
Berkshire Region	3.5595	\$355,954	\$444,956	\$4,962,230
Boston Region	42.9671	\$4,296,710	\$5,370,888	\$59,897,183
Cape Cod	4.5851	\$458,514	\$573,143	\$6,391,798
Central Mass	8.6901	\$869,013	\$1,086,266	\$12,114,253
Franklin Region	2.5397	\$253,975	\$317,468	\$3,540,467
Martha's Vineyard	0.3100	\$30,997	\$38,746	\$432,104
Merrimack Valley	4.4298	\$442,956	\$553,695	\$6,174,910
Montachusett	4.4595	\$445,955	\$557,444	\$6,216,726
Nantucket	0.2200	\$21,998	\$27,497	\$305,655
Northern Middlesex	3.9095	\$390,961	\$488,701	\$5,450,090
Old Colony	4.5595	\$455,954	\$569,943	\$6,356,115
Pioneer Valley	10.8099	\$1,080,992	\$1,351,240	\$15,669,289
Southeastern Mass	8.9601	\$896,010	\$1,120,013	\$12,490,602
Total:	100.00	\$10,000,000	\$12,500,000	\$139,402,423

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

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TITLE 23 - TRANSPORTATION FUNDING
Statewide Highway-Funded Program

FEDERAL FISCAL YEAR 2012
FEDERAL REGIONAL TARGETS
June 9, 2010

	Obligation Authority	Obl. Auth. Matching State Funds	Total Funding Based On Obl. Auth.	
Base Obligation Authority	\$500,000,000			
Redistribution, as Estimated by FHWA	\$40,000,000			
Total Estimated Obligation Authority Available:	\$600,000,000			
Central Artery/Tunnel Obligation Authority	(165,960,000)			
Total Non-Earmarked Available Statewide - (including Redistribution)	434,040,000	90,822,500	524,862,500	
Statewide Infrastructure Items:				
Statewide Infrastructure Program	\$1,200,000	\$300,000	\$1,500,000	
Statewide STP - Safety Program	0	\$0	\$0	
Statewide HSIP Program	2,250,000	\$250,000	\$2,500,000	
Statewide Safe Routes to Schools Program	3,500,000	\$0	\$3,500,000	
Statewide CMAQ	7,800,000	\$1,000,000	\$9,500,000	
Statewide Transportation Enhancements	2,800,000	\$700,000	\$3,500,000	
Statewide Recreational Trails	626,400	\$156,600	\$783,000	
Statewide ITS	5,100,000	\$1,275,000	\$6,375,000	
Statewide Design and Right of Way	0	\$0	\$0	
Statewide Interstate Maintenance Program	68,000,000	\$7,000,000	\$70,000,000	
Statewide NHS Preservation Program	9,600,000	\$2,400,000	\$12,000,000	
Statewide Railroad Grade Crossings	400,000	\$100,000	\$500,000	
Statewide Transit	20,000,000	\$5,000,000	\$25,000,000	
Subtotal Statewide Infrastructure Items:	\$116,076,400	\$19,081,600	\$135,158,000	
Other Statewide Items:				
Award Adjustments, Change Orders, Project Value Changes, Etc.	\$35,000,000	\$8,750,000	\$43,750,000	
Planning	18,400,000	\$4,600,000	\$23,000,000	
DBEs, CEPO, Pavement Lab Retrofits, and Misc. Programs	0	\$0	\$0	
Subtotal Other Statewide Items:	\$53,400,000	\$13,350,000	\$66,750,000	
Regional Major Infrastructure Projects:	\$32,000,000	\$8,000,000	\$40,000,000	
Bridge Program:				Total Adjusted Target
Statewide Bridge Repl. / Rehab Program	\$33,436,662	\$23,359,166	\$116,795,828	115,931,994
Statewide Bridge Preservation Program	0	\$0	\$0	
Statewide Bridge Inspection Program	5,000,000	\$1,250,000	\$6,250,000	
Subtotal Federal Aid Bridge Program:	\$38,436,662	\$24,609,166	\$123,045,828	
				-4.0000%
Total Regional Targets:	\$103,126,938	\$25,781,735	\$128,908,673	Adjusted Target 123,752,326
Minimum Regional CMAQ Component:	\$0	\$0	\$0	
Minimum Regional HSIP Component:	\$8,000,000	\$2,000,000	\$10,000,000	

Region	Regional Share (%)	Regional Minimum HSIP Component With State Match	Regional Minimum CMAQ Component With State Match	Total Regional Target With State Match	Adjusted Total Regional Target With State Match
Berkshire Region	3.5586	\$355,964	\$0	\$4,588,690	\$4,406,142
Boston Region	42.9671	\$4,296,710	\$0	\$55,388,323	\$53,172,790
Cape Cod	4.5851	\$458,514	\$0	\$5,910,645	\$5,674,219
Central Mass	8.6901	\$869,013	\$0	\$11,202,333	\$10,754,239
Franklin Region	2.5397	\$253,975	\$0	\$3,273,953	\$3,142,995
Martha's Vineyard	0.3100	\$30,997	\$0	\$399,577	\$383,594
Merrimack Valley	4.4296	\$442,956	\$0	\$5,710,063	\$5,481,680
Nantachusett	4.4596	\$445,956	\$0	\$5,748,752	\$5,518,802
Nantucket	0.2200	\$21,998	\$0	\$283,571	\$272,228
Northern Middlesex	3.9086	\$390,961	\$0	\$5,039,825	\$4,838,232
Old Colony	4.5585	\$455,954	\$0	\$5,877,648	\$5,642,542
Pioneer Valley	10.8099	\$1,080,992	\$0	\$13,934,923	\$13,377,526
Southeastern Mass	8.9601	\$896,010	\$0	\$11,550,351	\$11,088,337
Total:	100.00	\$10,505,000	\$0	\$128,908,673	\$123,752,326

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

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TITLE 23 - TRANSPORTATION FUNDING
Statewide Highway-Funded Program

FEDERAL FISCAL YEAR 2013
FEDERAL REGIONAL TARGETS
June 9, 2010

	Obligation Authority	Obl. Auth. Matching State Funds	Total Funding Based On Obl. Auth.	
Base Obligation Authority	\$560,000,000			
Redistribution, as Estimated by FHWA	\$40,000,000			
Total Estimated Obligation Authority Available:	\$600,000,000			
Central Artery/Tunnel Obligation Authority	(176,555,000)			
Total Non-Earmarked Available Statewide - (Including Redistribution)	423,445,000	\$7,611,250	\$11,056,250	
Statewide Infrastructure Items:				
Statewide Infrastructure Program	\$4,800,000	\$1,200,000	\$6,000,000	
Statewide STP - Safety Program	0	\$0	\$0	
Statewide HSIP Program	4,500,000	\$500,000	\$5,000,000	
Statewide Safe Routes to Schools Program	3,500,000	\$0	\$3,500,000	
Statewide CMAQ	5,000,000	\$1,250,000	\$6,250,000	
Statewide Transportation Enhancements	400,000	\$100,000	\$500,000	
Statewide Recreational Trails	626,400	\$156,600	\$783,000	
Statewide ITS	5,000,000	\$1,250,000	\$6,250,000	
Statewide Design and Right of Way	2,400,000	\$600,000	\$3,000,000	
Statewide Interstate Maintenance Program	63,000,000	\$7,000,000	\$70,000,000	
Statewide NHS Preservation Program	7,343,000	\$1,835,750	\$9,178,750	
Statewide Railroad Grade Crossings	400,000	\$100,000	\$500,000	
Statewide Transit				
Subtotal Statewide Infrastructure Items:	\$96,969,400	\$13,992,350	\$110,961,750	
Other Statewide Items:				
Award Adjustments, Change Orders, Project Value Changes, Etc.	\$35,000,000	\$8,750,000	\$43,750,000	
Planning	18,400,000	\$4,600,000	\$23,000,000	
DBEs, CEPO, Pavement Lab Retrofits, and Misc. Programs	0	\$0	\$0	
Subtotal Other Statewide Items:	\$53,400,000	\$13,350,000	\$66,750,000	
Regional Major Infrastructure Projects:	\$32,000,000	\$8,000,000	\$40,000,000	
Bridge Program:				Total Adjusted Target
Statewide Bridge Repl./Rehab Program	\$97,186,662	\$24,295,666	\$121,482,328	120,546,288
Statewide Bridge Preservation Program	0	\$0	\$0	
Statewide Bridge Inspection Program	5,000,000	\$1,250,000	\$6,250,000	
Subtotal Federal Aid Bridge Program:	\$102,186,662	\$25,545,666	\$127,732,328	
				-8.1600%
Total Regional Targets:	\$106,888,938	\$26,722,235	\$133,611,173	Adjusted Target
Minimum Regional CMAQ Component:	\$16,000,000	\$4,000,000	\$20,000,000	122,708,501
Minimum Regional HSIP Component:	\$8,000,000	\$2,000,000	\$10,000,000	

Region	Regional Share (%)	Regional Minimum HSIP Component With State Match	Regional Minimum CMAQ Component With State Match	Total Regional Target With State Match	Adjusted Total Regional Target With State Match
Berkshire Region	3.5586	\$365,964	\$711,929	\$4,756,082	\$4,367,986
Boston Region	42.9671	\$4,296,710	\$8,593,421	\$57,408,851	\$52,724,289
Cape Cod	4.5851	\$458,514	\$917,028	\$6,126,261	\$5,626,358
Central Mass	8.6901	\$869,013	\$1,738,026	\$11,610,966	\$10,663,529
Franklin Region	2.5397	\$253,975	\$507,949	\$3,393,384	\$3,116,484
Martha's Vineyard	0.3100	\$30,997	\$61,994	\$414,153	\$380,358
Merrimack Valley	4.4296	\$442,956	\$885,911	\$5,918,383	\$5,435,443
Montachusett	4.4596	\$445,956	\$891,911	\$5,958,462	\$5,472,252
Nantucket	0.2200	\$21,998	\$43,996	\$293,915	\$269,932
Northern Middlesex	3.9086	\$390,961	\$781,922	\$5,223,674	\$4,797,423
Old Colony	4.5595	\$455,954	\$911,909	\$6,092,060	\$5,594,948
Pioneer Valley	10.8099	\$1,080,992	\$2,161,984	\$14,443,260	\$13,264,630
Southeastern Mass	8.9601	\$896,010	\$1,792,021	\$11,971,700	\$10,994,809
Total:	100.00	\$10,000,000	\$20,000,000	\$133,611,173	\$122,708,501

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

Office of Transportation Planning

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TITLE 23 - TRANSPORTATION FUNDING
Statewide Highway-Funded Program

FEDERAL FISCAL YEAR 2014
FEDERAL REGIONAL TARGETS
June 9, 2010

	Obligation Authority	Obl. Auth. Matching State Funds	Total Funding Based On Obl. Auth.
Base Obligation Authority	\$980,000,000		
Redistribution, as Estimated by FHWA	\$40,000,000		
Total Estimated Obligation Authority Available:	\$980,000,000		
Central Artery/Tunnel Obligation Authority	(183,795,000)		
Total Non-Earmarked Available Statewide - (Including Redistribution)	416,205,000	97,891,250	\$504,096,250
Statewide Infrastructure Items:			
Statewide Infrastructure Program	\$4,000,000	\$1,200,000	\$5,200,000
Statewide STP - Safety Program	0	\$0	\$0
Statewide HSIP Program	4,500,000	\$500,000	\$5,000,000
Statewide Safe Routes to Schools Program	3,500,000	\$0	\$3,500,000
Statewide CMAQ	5,000,000	\$1,250,000	\$6,250,000
Statewide Transportation Enhancements	400,000	\$100,000	\$500,000
Statewide Recreational Trails	626,400	\$156,600	\$783,000
Statewide ITS	5,000,000	\$1,250,000	\$6,250,000
Statewide Design and Right of Way	2,400,000	\$600,000	\$3,000,000
Statewide Interstate Maintenance Program	63,000,000	\$7,000,000	\$70,000,000
Statewide NHS Preservation Program	7,343,000	\$1,835,750	\$9,178,750
Statewide Railroad Grade Crossings	400,000	\$100,000	\$500,000
Statewide Transit			
Subtotal Statewide Infrastructure Items:	\$96,989,400	\$13,992,350	\$110,981,750
Other Statewide Items:			
Award Adjustments, Change Orders, Project Value Changes, Etc.	\$36,000,000	\$9,000,000	\$45,000,000
Planning	18,400,000	\$4,600,000	\$23,000,000
DBEs, CEPO, Pavement Lab Retrofits, and Misc. Programs	0	\$0	\$0
Subtotal Other Statewide Items:	\$54,400,000	\$13,600,000	\$68,000,000
Regional Major Infrastructure Projects:	\$32,000,000	\$8,600,000	\$40,600,000
Bridge Program:			
Statewide Bridge Repl. / Rehab Program	\$97,186,662	\$24,299,666	\$121,486,328
Statewide Bridge Preservation Program	0	\$0	\$0
Statewide Bridge Inspection Program	5,000,000	\$1,250,000	\$6,250,000
Subtotal Federal Aid Bridge Program:	\$102,186,662	\$25,549,666	\$127,736,328
Total Regional Targets:	\$106,888,938	\$26,722,236	\$133,611,173
Minimum Regional CMAQ Component:	\$16,000,000	\$4,000,000	\$20,000,000
Minimum Regional HSIP Component:	\$8,000,000	\$2,000,000	\$10,000,000

Region	Regional Share (%)	Regional Minimum HSIP Component With State Match	Regional Minimum CMAQ Component With State Match	Total Regional Target With State Match	Adjusted Total Regional Target With State Match
Berkshire Region	3.5596	\$355,964	\$711,929	\$4,756,082	\$4,162,219
Boston Region	42.9671	\$4,296,710	\$8,593,421	\$57,408,851	\$50,240,562
Cape Cod	4.5851	\$458,514	\$917,028	\$6,126,261	\$5,361,312
Central Mass	8.6901	\$869,013	\$1,738,026	\$11,610,986	\$10,161,192
Franklin Region	2.5397	\$253,976	\$507,949	\$3,363,384	\$2,869,673
Martha's Vineyard	0.3100	\$31,000	\$61,994	\$414,153	\$362,440
Nantucket Valley	4.4296	\$442,956	\$885,911	\$5,918,383	\$5,179,390
Northampton	4.4596	\$445,956	\$891,911	\$5,958,482	\$5,214,466
Norfolk	0.2200	\$22,000	\$43,996	\$293,915	\$257,216
Northern Middlesex	3.9096	\$390,961	\$781,922	\$5,223,674	\$4,571,426
Old Colony	4.5595	\$455,954	\$911,909	\$6,082,090	\$5,331,381
Pioneer Valley	10.8099	\$1,080,992	\$2,161,984	\$14,443,260	\$12,638,616
Southeastern Mass	8.9601	\$896,010	\$1,792,021	\$11,971,700	\$10,478,868
Total:	100.00	\$10,000,000	\$20,000,000	\$133,611,173	\$116,927,947

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

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APPENDIX B: AIR QUALITY DETERMINATION TABLES

**Current 2007 Base Year VMT Comparisons and Factors
Used for Air Quality Conformity Determinations
Eastern Massachusetts**

July 2010

RPA	2007 HPMS VMT (miles)	Travel Demand Model VMT (miles)	HPMS/Model Conversion Factor
CCC	6,918,000	4,861,037	1.423
CMRPC	14,668,000	14,755,472	0.994
MVC	268,000	259,927	1.031
MVPC	9,420,000	8,997,480	1.047
MAPC	61,187,000	73,783,915	0.829
MRPC	5,051,000	5,126,618	0.985
NPEDC	154,000	72,893	2.113
NMCOG	6,570,000	7,489,431	0.877
OCPC	6,932,000	6,889,967	1.006
SRPEDD	14,816,000	14,271,095	1.038

Eastern MA	125,984,000	136,507,834	0.923
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Western Massachusetts

RPA	HPMS VMT (miles)	Travel Demand Model VMT (miles)	HPMS/Model Conversion Factor
BRPC	5,186,000	3,050,904	1.700
FRCOG	3,553,000	2,097,856	1.694
PVPC	15,282,000	13,128,032	1.164

Western MA	24,021,000	18,276,792	1.314
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State Total	150,005,000	154,784,626	0.969
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NOTE: Calculations are adjusted by "HPMS factors" as required by the regulations.

These factors equal the ratio of 2007 vehicle miles traveled (VMT) from HPMS data to 2007 VMT from the latest statewide travel demand base year model (or regional base year model if used), and vary by region and county.

Note: HPMS factors change as base year travel demand models are updated or improved, or as official HPMS data is updated or revised.

**REGIONAL EMISSIONS FOR 2011 - 2014 TIP
DETERMINATION OF AQ CONFORMITY: 7/22/10 (TPSD)**

Pollutant and year	Berkshire	Franklin	Pioneer Valley	Western Mass. Emissions	Budget (official 2009)	Difference
TABLE 1						
VOC 2007	n/a	n/a	n/a	14.798	n/a	n/a
2017	1.4023	0.9882	4.1213	6.512	10.73	-4.218
2020	1.2938	0.9394	3.8324	6.051	10.73	-4.679
2030	1.1846	0.8759	3.4868	5.532	10.73	-5.198
TABLE 2						
NOx 2007	n/a	n/a	n/a	41.612	n/a	n/a
2017	2.1699	1.6046	6.6658	10.440	27.73	-17.290
2020	1.6114	1.2236	4.9650	7.784	27.73	-19.946
2030	1.0452	0.7988	3.1791	5.011	27.73	-22.719

APPENDIX C: Transit Funding

FY10	RTA	Project Description	Funding	Funding Sub-Category	Federal Cost	State/Local Cost	Total	APPROVAL STATUS	GRANT #	COMMENTS
			5307	Rolling Stock	\$ 2,423,200	\$ 605,800	\$ 3,029,000	Application Pending	MA-90-X585	Replacement Transit Buses
	PVTA	Replacement Transit Vehicles	5307	Vans	\$ 660,000	\$ 165,000	\$ 825,000	Application Pending	MA-90-X585	Replacement Transit Buses
	PVTA	Lift equipped Vans	5307	Capital Purchase	\$ 48,000	\$ 12,000	\$ 60,000	Application Pending	MA-90-X585	Lift Equipped Vans
	PVTA	Supervisory Vehicles	5307	Capital Purchase	\$ 150,000	\$ 37,500	\$ 187,500	Application Pending	MA-90-X585	Replace Support Vehicles
	PVTA	Transit Enhancements	5307	Capital Purchase	\$ 150,000	\$ 37,500	\$ 187,500	Application Pending	MA-90-X585	Transit Enhancements
	PVTA	Transit Security	5307	Capital Purchase	\$ 1,103,698	\$ 275,924	\$ 1,379,622	Application Pending	MA-90-X585	Transit Security
	PVTA	Hardware/Software	5307	Capital Purchase	\$ 1,516,800	\$ 379,200	\$ 1,896,000	Application Pending	MA-90-X585	Hardware/Software
	PVTA	AVL System Integrator	5307	Capital Purchase	\$ -	\$ -	\$ -	Application Pending	MA-90-X585	ITS/AVL System Integrator
	PVTA	Communications	5307	Capital Purchase	\$ 376,062	\$ 94,016	\$ 470,078	Application Pending	MA-90-X585	Transit Facility Improvements
	PVTA	Transit Facilities Improvement	5307	Facility Improvement	\$ 52,000	\$ 13,000	\$ 65,000	Application Pending	MA-90-X585	Environmental Compliance
	PVTA	Environmental Compliance	5307	Facility Improvement	\$ 142,400	\$ 35,600	\$ 178,000	Application Pending	MA-90-X585	Small Tools & Equipment
	PVTA	Small Tools and Equipment	5307	Maintenance Items	\$ 4,500,000	\$ 1,125,000	\$ 5,625,000	Approved	MA-90-X585	Preventive Maintenance 7/09 - 6/11
	PVTA	Preventive Maintenance 7/09 - 6/11	5307	Maintenance Items	\$ 180,000	\$ 45,000	\$ 225,000	Application Pending	MA-90-X585	Intermodal Terminal Lease
	PVTA	Intermodal Terminal Lease	5307	Service Improvement	\$ 1,500,000	\$ 375,000	\$ 1,875,000	Approved	MA-90-X585	ADA Assistance 7/09-12/10
	PVTA	ADA Assistance 7/09-6/11	5307	Service Improvement	\$ 200,000	\$ 50,000	\$ 250,000	Application Pending	MA-90-X585	ADA Assistance 7/09-12/10
	PVTA	Planning	5307	Planning	\$ 13,002,160	\$ 3,250,540	\$ 16,252,700			
	PVTA	State Contract Assistance	NFA	Operating Assistance	-	\$ 17,808,476	\$ 17,808,476			
	PVTA	Local Assessments	NFA	Operating Assistance	-	\$ 6,401,179	\$ 6,401,179			
	PVTA	E&H Special Transit Services	NFA	Operating Assistance	-	\$ 7,828,000	\$ 7,828,000			
	PVTA	Fixed Route Service	NFA	Operating Assistance	-	\$ 27,655,500	\$ 27,655,500			
	PVTA	Rural Transit E&H	5311	Operating Assistance			\$ 127,000	Submitted		Rural Transit E&H
	PVTA	Lift Equipped Vans	5310	Vans	\$ 200,000	\$ 50,000	\$ 250,000	Submitted		Lift Equipped Vans
	PVTA	Lift Equipped minibuses	5310	Mini-buses	-	\$ 300,000	\$ 300,000	Submitted		Replacement Transit Buses
	PVPC	Job Access Reverse Commute (carryover)	3037/5316	Operating Assistance	\$ 449,497	-	\$ 449,497	Approved	MA-57-X006	
	PVPC	New Freedom (carryover)	5317	Operating Assistance	\$ 80,750	-	\$ 80,750	Submitted	MA-57-X015	
	PVTA	Bus Purchase (29 New Buses)	ER	Economic Stimulus	\$ 10,744,500	\$ 10,744,500	\$ 20,489,000	Approved	MA-96-X002-00	Replacement Transit Buses
	PVTA	Operating Assistance	ER	Economic Stimulus	\$ 1,625,945	\$ 1,625,945	\$ 3,251,890	Approved	MA-96-X002-00	Operating Assistance
	PVTA	Lift Equipped Vans	ER	Economic Stimulus	\$ 990,000	\$ 990,000	\$ 1,980,000	Approved	MA-96-X002-00	Lift Equipped Vans
	PVTA	Transit Enhancements	ER	Economic Stimulus	\$ 105,000	\$ 105,000	\$ 210,000	Approved	MA-96-X002-00	Transit Enhancements
	PVTA	Transit Security	ER	Economic Stimulus	\$ 740,000	\$ 740,000	\$ 1,480,000	Approved	MA-96-X002-00	Transit Security
	PVTA	Transit Facilities Improvements	ER	Economic Stimulus	\$ 1,079,953	\$ 1,079,953	\$ 2,159,906	Approved	MA-96-X002-00	Facility Improvements
	PVTA	Small Tools & Equipment	ER	Economic Stimulus	\$ 2,600,000	\$ 2,600,000	\$ 5,200,000	Approved	MA-96-X002-00	Small Tools & Equipment
	PVTA	Holyoke Multimodal Center (carryover)	5309	Intermodal Center	\$ 1,732,500	\$ 433,125	\$ 2,165,625	Approved	MA-04-0020-00	Construction
	PVTA	Westfield Multimodal Center (carryover)	117	Intermodal Center	\$ 1,700,000	\$ -	\$ 1,700,000	Carryover		
	PVTA	Holyoke Multimodal Center (carryover)	EOTPW	Intermodal Center	\$ -	\$ 1,500,000	\$ 1,500,000	Approved	State Contract	Design & Construction
	PVTA	Holyoke Multimodal Center (carryover)	EOTPW	Intermodal Center	\$ -	\$ 750,000	\$ 750,000	Approved	State Contract	Abatement & Repairs
	PVTA	Holyoke Multimodal Center (carryover)	115	Intermodal Center	\$ 2,000,000	\$ -	\$ 2,000,000	Approved	MA-15-X007-00	Construction
	PVTA	Union Station Redevelopment carryover	5309	Intermodal Center	\$ 4,500,000	\$ 1,125,000	\$ 5,625,000			

APPENDIX D: Listing of Prioritized Projects, Project Needs Form (PNF), and Project Priority Evaluation Criteria

Proposed Year	Community	SID	Project Name	D2 % Design	2011 Project Cost	Score
2011	Springfield	604449	North end and Brightwood Infrastructure Improvements (South)	75	\$3,384,690	10 9.85
2011	West Springfield	604737	Westfield St. (Rte. 20)	75	\$5,601,596	10 9.83
2012	Agawam	602653	Rte 159 (Main Street) Improvements	100	\$4,152,422	8 7.77
	Westfield	604446	Route 187 (Little River Road) and Shaker Road Reconstruction	75	\$6,191,686	8 7.77
			Route 187 Reconstruction incl. Sherman's Mill Bridge/Great Brook replacement (W-25-002)			
	Westfield	604445		75	\$7,788,035	8 7.65
2013	Westfield	604442	Route 187 - Feeding Hills Road reconstruction	75	\$5,307,252	7 7.43
2014	Belchertown	604433	Route 181 Reclamation and Related Work	75	\$10,053,886	7 7.30
	South Hadley	606009	Route 202 resurfacing from CT river to Route 33	100%PS&E	\$1,832,168	6 5.73
2013	Easthampton	602486	Pomeroy Meadow Rd/Loudville Rd/West St/Glendale Rd Intersection Improvements	75	\$2,871,408	5 5.23
2011	South Hadley	605760	Morgan Street rehab from College St (Route 116) to Granby TL	25/75	\$1,175,554	5 5.17
2012	Pelham	601154	Anheist Rd. Reconstruction	100 #4	\$6,127,570	5 4.70
	Easthampton/Holyoke	605891	Route 5 resurfacing	RevPS&E	\$2,919,322	5 4.62
	East Longmeadow	601350	Elm Street Reconstruction	75	\$5,140,798	4 4.48
	Huntington	605615	Route 112 Resurfacing	PS&E	\$3,900,000	4 3.95
2012	Westhampton	605815	Resurfacing and related work on Route 66	PS&E	\$1,436,958	4 3.53
	Cummington	605582	Route 9 Pavement Preservation **NHS Funding** (\$5,508,300)	PS&E	\$0	3 3.45
	Blandford/Russell	605614	Resurfacing Route 23	PS&E	\$5,700,000	3 3.45
	Agawam	606005	Route 57 resurfacing from Route 187 to Route 75	100/PS&E	\$3,280,399	
	Holyoke	602925	Pleasant St. Improvements (\$2,047,778) HPP(1998)	75	\$1,975,375	4 3.88
	Springfield	604603	Symphony Hall Plaza Improvements (\$273,079)	PS&E	\$3,108	3 2.52
2013	*Springfield	604821	Improvements to Allen Street and Bicentennial Highway	25	\$2,406,905	10 10.12
	*Ludlow	605011	Center Street (Route 21) reconstruction	25 Resub	\$4,656,101	9 9.35
	Amherst	082250	Route 116 (Notch) reconstruction	25	\$3,948,225	9 9.10
	*Northampton	180525	Damon Road Reconstruction from Rte 9 intersection to Rte 5 intersection	25	\$5,938,925	8 8.10
	*Hadley	604035	Route 9 at Route 47 intersection improvements	25 Resub	\$2,348,008	8 7.67
	Agawam	600513	Reconstruction of a section of Route 187 (North Westfield Street)	25	\$619,377	7 6.95
	*Belchertown	605556	Main @ Maple and Jabish Intersection Improvements	25		7 6.68
	Southwick	604033	Congamond Rd. (Rte. 168) Reconstruction	25 Resub Stage 2	\$5,151,360	6 6.47
	Southampton	604653	East Street Rehabilitation	25 Resub	\$5,311,659	5 5.48
	Belchertown	604692	N. Washington St. and S Main St Reconstruction	25	\$3,676,622	5 5.43
	*Springfield	605385	Roosevelt Ave. @ Island Pond Rd and Roosevelt Ave @ Alden Street	25	\$1,639,976	5 4.83
	Southampton	604738	Glendale Rd. (Phase II)	25	\$1,417,257	4 3.82
	Chicopee	606034	Montgomery Road Resurfacing	25	\$647,885	0 0.00
	*West Springfield	604746	Union Street Underpass	0	\$15,000,000	11 11.22
	Hadley/Northampton	604597	I-91 Exit 19 improvements	0	\$15,000,000	10 9.75
	*Holyoke	606045	Homesstead Ave @ Lower Westfield Rd improvements	0	\$1,100,000	10 9.67
	*Chicopee	604435	memorial Drive (Rt 33) Traffic signal improvement	0	\$800,000	10 9.67
	*Springfield/Wilbraham	605213	Boston Rd Reconstruction (Route 20)	0	\$9,260,000	10 9.52
	*Westfield	604823	I-90 exit 3 (INACTIVE)	INACTIVE	\$1,200,000	9 9.15
	*Agawam	603372	Connector, Rte 5 to Rte 57/rotary	0	\$11,669,000	9 9.10
	Westfield	603330	Reconstruction on Route 202 (Elm St & North Elm St)	0	\$3,000,000	9 8.88
	Westfield	603449	Reconstruction on Court St & Western Ave	0	\$3,500,000	9 8.77
	*Springfield	605817	Spring, Elliot, and Edward St intersection improvements (\$1,700,000) Sec. 125	0	\$864,000	9 8.65
	Hadley	605881	Route 9 reconstruction from Middle St (Route 47) to East of Mill Valley Road	0	\$6,000,000	8 8.37
	Chicopee	604434	Fuller Rd. Corridor Improvements	0	\$6,200,000	8 8.27
2012	*Springfield	605685	Signal and Intersection Impr Summer Ave, Allen, Abbot, and Harkness	0	\$1,236,000	8 8.13
	Palmer	601504	Rte. 32 (Ware Road)	0	\$22,854,850	7 7.43
	*Holyoke/West Springfield	604209	Route 5 Reconstruction from Ashley Ave.	0	\$3,000,000	7 7.42

Proposed Year	Community	SID	Project Name	D2 % Design	2011 Project Cost	Score
Hadley		605032	Route 9 reconstruction near Hampshire Mall	0	\$2,185,454	7 7.37
Northampton		604452	Route 66 (West St.) at Earle Street intersection improvements	0	\$150,000	7 7.22
			Feeding Hills Rd Reconstruction (from Powder Mill Rd to Hudson Dr, incl. N. Longyard/Foster Rd intersection)			
Southwick		603477		0	\$2,000,000	7 6.82
*Springfield		604448	Main, Myrtle & Front Street Intersections (Indian Orchard)	0	\$785,000	7 6.78
*Agawam		604203	Route 187/57 Intersection Improvements	0	\$1,500,000	6 6.43
Southwick		604155	Routes 10/202 resurfacing (northerly)	0	\$2,000,000	6 5.60
Northampton		605048	Mountain Rd (Route 5) improvements	0	\$1,200,000	6 5.52
Southwick		604153	Routes 10/202 resurfacing (southerly)	0	\$2,600,000	6 5.52
Belchertown/Granby		604819	Route 202 Resurfacing	0	\$1,800,000	5 5.43
Goshen		602888	Route 9 reconstruction		\$4,500,000	5 5.42
Hadley		602796	South Maple Street Reconstruction incl. Rehabilitation of H-01-006	0	\$2,750,000	5 4.73
Palmer		603873	Route 20 improvements	0	\$494,000	4 4.40
Westhampton		602386	Southampton Rd. (INACTIVE)	INACTIVE	\$1,400,000	4 4.38
Plainfield		604825	Route 116 (Main St)		\$1,250,000	4 4.37
Northampton		605896	Route 5 resurfacing, from I-91 (NB on-ramp) to Holyoke Street	0	\$1,800,000	4 4.13
Westhampton		602822	Kings Highway and Reservoir Rd (INACTIVE)	INACTIVE	\$1,360,000	4 4.02
Westhampton		602387	Chesterfield Rd. (INACTIVE)	INACTIVE	\$2,400,000	4 4.02
Monson		605687	Lower Hampden Rd Phase 2	0	\$4,750,000	4 3.88
Springfield		605683	Plumtree Rd improvements	0	\$2,000,000	4 3.83
Cummington		600301	Rte. 112 from Worthington TL north 1.5miles		\$600,000	4 3.70
Agawam/Southwick		115300	Rte. 57 Highway Extension	0	\$80,051,614	4 3.65
Westfield		604601	Route 20 Access Road (\$10,386,046) HPP (INACTIVE)	INACTIVE	\$7,882,358	3 3.12
Belchertown		605676	Bay Road Improvements	0	\$700,000	0 0.00
Ware		603874	Resurfacing and Related Work Route 9	0	\$1,012,957	0 0.00
Holland		604962	Brimfield Road improvements	0	\$1,300,000	0 0.00
Granby		605682	Amherst Street improvements (INACTIVE)	0	\$1,300,000	0 0.00
Goshen		605150	West Street Reclamation		\$2,839,950	0 0.00
					\$349,899,709	

Proposed Year	Community	SID	Project Name	D2 % Design	2011 Project Cost	Score
2013	Westfield	603783	Columbia Greenway Rail Trail (Center Section) Columbia Mfg Spur to Cowles Ct.	75	\$6,735,023	6 6.28
	Northampton-Whatley	604222	Park and Ride	25	\$1,587,052	5 4.88
2014	West Springfield	603730	CT Riverwalk and Bikeway	25	\$2,482,410	5 4.77
	Chicopee	602912	Chicopee Riverwalk	25	\$1,344,779	5 4.62
	Chicopee	602911	Connecticut Riverwalk	25	\$2,020,358	4 4.40
	Agawam	603731	Bikeway Loop	25	\$2,487,699	4 4.02
	Holyoke	603263	Holyoke Canalwalk (Phase 1B)	0	2,731,820.00	9 8.65
	Westfield	604967	Columbia Greenway Rail trail (South Section) Southwick T.L. to Columbia Mfg	0	4,537,500.00	6 6.28
	Westfield	604968	Columbia Greenway Rail trail (North Section) Cowles Ct to the Westfield River Bridge incl. rehab of W-25-036	0	1,898,750.00	6 6.28
	Ware	603454	Ware River Valley Preservation Project	0	1,400,000.00	4 4.22
	Wales	605669	Sidewalk improvements and related repairs on Route 19	0	309,000.00	4 4.10
					\$27,534,392	

Massachusetts Highway Department – District ____

Project Need Form (PNF)

This form is intended to provide preliminary information about the proposed project. It is not expected that all information that is asked for is available or known but applicants are encouraged to complete the form as fully as possible.

From:

Title:

Municipality/Organization:

Phone:

Fax:

Date:

Email:

Project Reference No. (to be filled out by MassHighway): _____

PART I – LOCATION IDENTIFICATION AND DESCRIPTION OF NEED

Municipality:

Route and/or Street(s):

Bridge ID Number (if applicable):

Who owns the roadway/facility?

Estimated project limits by mile marker and station from MassHighway's roadway

**database or other distinguishing landmarks such as cross
street(s). Include a locus map of the project and photos
illustrating project need: Start: End:**

Total Mileage:

Please provide a brief description of the project need:

Estimated Construction Cost:

Does the project have Federal Funding? ☐ Yes ☐ No

If yes, legislation: Amount: \$

Is the project authorized in a state transportation bond bill? ☐ Yes ☐ No

If yes, bill: Amount: \$

PART II – PROJECT BACKGROUND

In what type of area is the project located? *Project limits may include more than one type of area. For a definition of areas, please refer to Chapter 3 of the Guidebook.*

☐ Rural Natural ☐ Suburban High Density ☐ Rural Village ☐ Suburban Village/Town Center ☐ Rural Developed ☐ Urban Residential or CBD ☐ Suburban Low Density

How does the roadway/facility function in the community?

☐ High-speed, primary corridor with limited access ☐ Moderate speed, major corridor between towns/regions ☐ Low to moderate speed corridor between towns/regions ☐ Moderate speed, major street connecting residential areas to a town center or major connector ☐ Low to moderate speed street connecting residential areas with other streets ☐ Primarily or exclusively a residential street

What is the federal functional classification of the road?

☐ Interstate ☐ Rural Principal Arterial ☐ Urban Principal Arterial ☐ Rural Minor Arterial ☐ Urban Minor Arterial ☐ Rural Major Collector ☐ Urban Collector ☐ Rural Minor Collector

Is the proposed project on the National Highway System? ☐ Yes ☐ No

Does the project have any Intelligent Transportation System Components? . Yes . No If yes, describe:

Is the project a footprint road project? . Yes . No

Is the project a footprint bridge project? . Yes . No Provide whatever information is available to characterize the current, general use of the facility (attach traffic counts).

CHARACTERISTIC	USE/DATA	DATA SOURCE	NOT AVAILABLE/ Comments
Number of Lanes			
Lane Width			
Shoulder Width			
Sidewalk Availability/Width			
Bicycle Facility Availability/Width			
Existing Right of Way			
Current Average Annual Daily Traffic (AADT)			
Current Peak Hour Vehicular Volume			
Current Peak Hour Bicycle Traffic			
Current Peak Hour Pedestrian Traffic			
Percent Truck Traffic			
Current Transit Operations/Facilities			
Traffic Control (signal, flash, signs, etc.)			
Roadway Lighting			
Pavement Condition and Markings			
Posted Speed Limit			
85th Percentile Speed			

PART III – TRANSPORTATION NEEDS ASSESSMENT Choose a project type – **Roadway, Sidewalk or Multiuse Path; Bridge or Other.** Answer the questions that apply to the proposed project. Depending on the nature of the project, not all questions need to be answered. For all projects, answer **For All Projects.**

Roadway, Sidewalk, Multiuse Path  **Preventive Maintenance**  **Rehabilitation/Resurfacing** 
Reconstruction  **Widening**  **New Facility**  **Intersection, Roundabout or Traffic Signal Improvements**  **New Interchange or Interchange Reconfiguration**  **Safety** What is the condition of the facility, e.g. extent of cracking, deterioration, rideability/walkability, surface condition, structural adequacy, etc.? Include a pavement management system (PMS) condition rating from a MassHighway approved PMS, as appropriate, and attach photo documentation with this submittal showing typical facility surface or site conditions.

What year was the last repair made to the facility (at minimum a preventative maintenance treatment)?

What repair was made to the facility? (Use repair typed above and describe)

What is the crash history or other safety concerns of the facility? (For safety projects, consult MassHighway’s Traffic Division for more detailed analysis requirements).

Are there mobility issues for motorists, bicyclists or pedestrians? (As an alternate to this question, attach Transportation Evaluation Criteria Form.)

Are there congestion issues? Provide level of service analysis results if necessary. (As an alternate to this question, attach Transportation Evaluation Criteria Form.)

What other conditions exist that warrant this project? (As an alternate to this question, attach Transportation Evaluation Criteria Form.)

Evaluate the impact of the project on the following resources/environmental conditions. If major impact”, “ minor impact”, or “will improve” are selected, describe below. (As an alternate to this question, attach Transportation Evaluation Criteria Form.)

RESOURCE/ CONDITION	MAJOR IMPACT	MINOR IMPACT	NO IMPACT	WILL IMPROVE	UNKNOWN
Cultural Resources					
Wetlands					
Hazardous Materials					
Air Quality					
Noise					
Other					

Bridge  Maintenance  Rehabilitation  Replacement  New or Widening

What is the bridge rating and date of inspection?

 Structurally Deficient?  Functionally Obsolete? . Posted?  Unknown?

What is the condition of the bridge elements?

What is the condition of other infrastructure elements? What is the schedule of preventative maintenance?

If a new bridge or a bridge that does not meet current eligibility requirements, describe why the project is proposed.

Other  New or Expanded TDM/Park and Ride Lot  New or Expanded Traffic Management System  Traffic Calming, Streetscape, Lighting, or Transit Improvements  Intelligent Transportation Systems  Other

Describe the conditions that warrant the project.

For All Projects

Describe Right of Way Issues  Probably adequate  Probably will require takings 
Probably will require easements and/or rights of entry  Unknown

Describe known project area concerns or constraints.

Describe the project's effect on multimodal accommodation.

PART IV – PUBLIC PROCESS Please describe the public process associated with the project to date.

 **None to Date**

What is the expected level of community interest in the project?  **High**  **Medium**  **Low** 

Unknown

Describe issues of concern raised by the public during the public pr

TRANSPORTATION EVALUATION CRITERIA
Templeton Project Description
Highway-funded Roadway Improvement/Expansion Projects

PROJECT TYPE	TRANSPORTATION CRITERIA				OTHER IMPACT CRITERIA		
	Condition	Mobility	Safety	Cost Effectiveness	Community Effects and Support	Land Use and Economic Development	Environmental Effects
Roadways	Magnitude of pavement condition improvement	Effect on magnitude and duration of congestion	Effect on crash rate compared to state average	Cost per Unit Change in Condition	Residential effects: right-of-way, noise, aesthetics, out-through traffic, other	Business effects: right-of-way, access, noise, traffic, parking, freight access other	Air Quality/Climate effects
	0	0	0		0	0	0
	Magnitude of improvement of other infrastructure elements	Effect on travel time and connectivity/access	Effect on bicycle and pedestrian safety	Cost per lane Mile	Effect on service to minority or low income neighborhoods EJ	Sustainable development effects	Water quality/supply effects, wetlands effects
	0	0	0	\$ -	0	0	0
		Effect on other modes using facility	Effect on transportation security and evacuation routes	Cost per AADT	Other impacts/benefits to minority or low income neighborhoods	Consistent with regional land-use and economic development plans	Historic and cultural resource effects
		0	0	\$ -	0	0	0
	Effect on regional and local traffic			Cost per AADT per lane mile	Public, local government, legislative, and regional support	Effect on job creation	Effect on wildlife habitat and endangered species
		0		\$ -	0	0	0
					Effect on development and redevelopment of housing stock		
					0		
Avg. Score (-3 to +3)				Avg. Score (-3 to +3)	Avg. Score (-3 to +3)	Avg. Score (-3 to +3)	Avg. Score (-3 to +3)
0				0	0	0	0
Total Score (-18 to +18)							0

APPENDIX E: Summary of Operationg and Maintenance Expenditures

MassDOT - Highway Statewide ITS Program

Year	Route/Location	Description	Proj File #	District	Preliminary Office Estimate	Total Federal Participating Cost
2011	I-93 Braintree/Quincy/Boston	HOV lane BTV Operator Contract, 2 year contract		6	\$824,000	\$659,200
	I-93 Braintree/Quincy/Boston	Replace HOV lane BTV Machine - (2 machines, replace 1 this year)		6	\$1,300,000	\$1,040,000
	I-91 from Longmeadow to Barnardston	Fiber installation with ITS devices - A/C money		2	\$4,700,000	\$3,760,000
	Statewide	Consultant Services Contract for ITS design and support services		Statewide	\$1,500,000	\$1,200,000
	I-495 from Hopkinton to Lawrence	Design Build ITS/fiber project		3 & 4	\$6,000,000	\$4,800,000
	Statewide	Work Zone Safety improvements with ITS equipment		Statewide	\$1,000,000	\$800,000
	Statewide	Expansion of CCTV, VMS & the Traffic Sensor Network		Statewide	\$1,000,000	\$800,000
	Statewide	Expand Statewide Fiber Network		Statewide	\$2,000,000	\$1,600,000
		Total Federal Fiscal Year 2011			\$18,324,000	\$14,659,200
2012	I-93 Braintree/Quincy/Boston	HOV lane operating expenses for 2 years		6	\$1,200,000	\$960,000
	I-93 Braintree/Quincy/Boston	HOV lane Tow Truck Services for 2 years		6	\$550,000	\$440,000
	I-93 Braintree/Quincy/Boston	Replace HOV lane BTV Machine - (2 machines, replace 2nd machine)		6	\$1,300,000	\$1,040,000
	Statewide	TOC and ITS field equipment operational expenses for 2 years		Statewide	\$1,500,000	\$1,200,000
	Statewide	Consultant Services Contract for ITS design and support services		Statewide	\$1,500,000	\$1,200,000
	Statewide	Work Zone Safety improvements with ITS equipment		Statewide	\$1,000,000	\$800,000
	Statewide	Expansion of CCTV, VMS & the Traffic Sensor Network		Statewide	\$2,000,000	\$1,600,000
	Statewide	Expand Statewide Fiber Network		Statewide	\$4,000,000	\$3,200,000
	Statewide	Interface with MSP for Real-Time Information		Statewide	\$2,500,000	\$2,000,000
	Statewide	Deploy Critical Infrastructure Surveillance		Statewide	\$3,300,000	\$2,640,000
		Total Federal Fiscal Year 2012			\$18,850,000	\$15,080,000
2013	I-95, Rte 2, I-495, Rte 3	Highway Assistance Patrols, Area 1, 6 routes, 3 year contract		4	\$2,800,000	\$2,240,000
	I-93, I-95, Rte 1	Highway Assistance Patrols, Area 2, 5 routes, 3 year contract		4	\$2,300,000	\$1,840,000
	I-93, Rte 3, I-95, Rte 24	Highway Assistance Patrols, Area 3, 5 routes, 3 year contract		6	\$2,300,000	\$1,840,000
	I-495, I-95, Rte 24	Highway Assistance Patrols, Area 4, 4 routes, 3 year contract		5	\$2,000,000	\$1,600,000
	I-395, I-290, I-190, I-495, Rte 2	Highway Assistance Patrols, Area 5, 4 routes, 3 year contract		3	\$2,000,000	\$1,600,000
	I-91, I-291, I-391	Highway Assistance Patrols, Area 6, 1 route, 3 year contract		2	\$700,000	\$560,000
	Statewide	Consultant Services Contract for ITS design and support services		Statewide	\$1,500,000	\$1,200,000
	Statewide	Expansion of CCTV, VMS & the Traffic Sensor Network		Statewide	\$1,000,000	\$800,000
	I-93 Braintree/Quincy/Boston	HOV lane BTV Operator Contract, 2 year contract		6	\$850,000	\$680,000
		Total Federal Fiscal Year 2013			\$15,450,000	\$12,360,000
2014	I-93 Braintree/Quincy/Boston	HOV lane operating expenses for 2 years		6	\$1,200,000	\$960,000
	I-93 Braintree/Quincy/Boston	HOV lane Tow Truck Services for 2 years		6	\$550,000	\$440,000
	Statewide	Consultant Services Contract for ITS design and support services		Statewide	\$1,500,000	\$1,200,000
	Statewide	Expansion of CCTV, VMS & the Traffic Sensor Network		Statewide	\$1,000,000	\$800,000
	Statewide	TOC and ITS field equipment operational expenses for 2 years		Statewide	\$2,000,000	\$1,600,000
	Statewide	Work Zone Safety improvements with ITS equipment		Statewide	\$1,000,000	\$800,000
	Statewide	Expand Statewide Fiber Network		Statewide	\$4,000,000	\$3,200,000
	Statewide	Deploy additional RWIS stations and integrate with ERS		Statewide	\$750,000	\$600,000
		Total Federal Fiscal Year 2014			\$12,000,000	\$9,600,000
2015	I-93 Braintree/Quincy/Boston	HOV lane BTV Operator Contract, 2 year contract		6	\$875,000	\$700,000
	Statewide	Consultant Services Contract for ITS design and support services		Statewide	\$1,500,000	\$1,200,000
	Statewide	Expansion of CCTV, VMS & the Traffic Sensor Network		Statewide	\$1,000,000	\$800,000
	Statewide	Expand Statewide Fiber Network		Statewide	\$2,000,000	\$1,600,000
	Statewide	Deploy Critical Infrastructure Surveillance		Statewide	\$3,300,000	\$2,640,000
		Total Federal Fiscal Year 2015			\$8,675,000	\$6,940,000

MassDOT Statewide Highway Safety Improvement Program FFY2011 - 2014

Year	Safety Improvement Type	Location	District	Preliminary Office Estimate	Notes
2011	cable barrier cable barrier	Sandwich Route 6 Danvers - Topsfield I-95	5	\$300,000	possible related project 606163 - resurfacing in Danvers is already advertised
			4	\$1,000,000	
	cable barrier cable barrier lane departure	Dartmouth I -195 Taunton - Route 140 signs and pavement markings to reduce lane departure crashes at the following locations: Mashpee - Route 130, Acushnet - Main Street, Brockton/East Bridgewater - Thatcher Street	5	\$350,000	
			5	\$900,000	
	pedestrian	District-wide pedestrian signs/pavement markings for crosswalks at high crash locations	5	\$400,000	
		TOTAL FFY2011	2, 3, 4, 5, 6	\$1,000,000	
				\$3,950,000	
2012	cable barrier	Haverhill - Route 495	4	\$100,000	possible related project 605598 - resurfacing ad date 1/26/2011
	cable barrier	Attleboro / North Attleborough - I-95	5	\$450,000	
	cable barrier	Taunton, Freetown, Lakeville - Route 140	5	\$950,000	
	stop- controlled intersections	Intersection low cost safety fixes based on FHWA guidance on local and state jurisdiction roadways based on systematic approach at locations throughout the state based on the crash data	All	\$1,000,000	
		TOTAL FFY2012		\$2,500,000	
2013	cable barrier	project locations based on crash data - TBD	varies	TBD	
	signal-controlled intersections	Intersection low cost safety fixes based on FHWA guidance on local and state jurisdiction roadways based on systematic approach at locations throughout the state based on the crash data	All	\$2,000,000	
		TOTAL FFY2013		TBD	
2014	TBD	TBD	TBD	TBD	

FFY2011 Safe Routes To School program

FFY	Project Number	Location	Description	TFPC
2011	605874	Canton	CANTON - SAFE ROUTES TO SCHOOL (HANSEN SCHOOL)	\$551,000
	606044	Attleboro	ATTLEBORO- SAFE ROUTES TO SCHOOL (THACHER ELEMENTARY SCHOOL)	\$367,500
		Lowell	LOWELL - SAFE ROUTES TO SCHOOL (McAULIFFE ELEMENTARY SCHOOL)	\$403,000
		Amherst	AMHERST - SAFE ROUTES TO SCHOOL (WILDWOOD ELEMENTARY SCHOOL)	\$300,000
		Easton	EASTON - SAFE ROUTES TO SCHOOL (F.L. OLMSTED ELEMENTARY SCHOOL)	\$353,000
		Reading	READING - SAFE ROUTES TO SCHOOL (PARKER MIDDLE SCHOOL)	\$350,000
		Marlborough	MARLBOROUGH - SAFE ROUTES TO SCHOOL (JAWOREK ELEMENTARY SCHOOL)	\$354,000
		Scituate	SCITUATE - SAFE ROUTES TO SCHOOL (HATHERLY ELEMENTARY SCHOOL)	\$515,000
		Chelsea	CHELSEA - SAFE ROUTES TO SCHOOL (WRIGHT & BROWNE SCHOOLS)	\$401,000
		Statewide	STATE SRTS COORDINATOR - INFRASTRUCTURE	\$106,000
		Statewide	SRTS NON-INFRASTRUCTURE	\$544,000
				\$4,244,500

APPENDIX F: Metropolitan Planning Area (MPA) State and Local Consulted Agencies

23 CFR 450.316(2)(b) of Safe, Accountable, Flexible, Efficient Transportation Equity Act: A Legacy for Users (SAFETEA-LU) states that

“In developing metropolitan transportation plans and TIPs, the MPO should consult with agencies and officials responsible for other planning activities within the MPA (metropolitan planning area) that are affected by transportation (including State and local planned growth, economic development, environmental protection, airport operations, or freight movements) or coordinate its planning process (to the maximum extent practicable) with such planning activities”

PVMPO fulfilled these requirements through the processes tied to the Joint Transportation Committee (JTC). Listed below are two tables, table 1 list agencies with transportation interest in the Metropolitan Planning Area (MPA) that were contacted for the purpose of consultation while developing the TIP. Table 2 lists the agencies from table 1 which responded and coordinated meetings were held during TIP development.

Table 1
(Agencies Contacted)

Agency	Agency Location
Westfield River Wild and Scenic Advisory Committee	Haydenville
MassDOT Planning	Boston
FEDERAL HIGHWAY ADMIN	Cambridge
US EPA	Boston
MassDOT	Boston
COUNCIL ON AGING	Granby
AIR QUALITY CONTROL (DEP)	Boston
FEDERAL TRANSIT ADMIN	Cambridge
MassDOT Highway Division (MHD) District 1& 2	Northampton/Lenox
OFFICE OF SOCIAL CONCERN	Springfield
Economic Development Council of Western Mass	Springfield
PETER PAN BUS LINES, INC.	Springfield
Pioneer Valley Transit Authority (PVTA)	Springfield
BARNES AIRPORT	Westfield
Pioneer Valley RR	Westfield
Bike/Ped Community (MassBike)	Williamsburg
UMASS Transit	Amherst
UMASS Traveler Information Center (RTIC)	Amherst

These agency are solicited to comment and provide relevant information during TIP development and are invited to attend all meetings and workshop involving project evaluation. Agendas and information in regards the TIP and its development are distributed by mail prior to meetings as outlined in the Public Participation Plan for the Pioneer Valley.

Table 2
(Agencies Providing Consultation)

Agency	Agency Location
MassDOT Planning	Boston
MassDOT	Boston
MassDOT Highway Division (MHD) District 1	Lenox
MassDOT Highway Division (MHD) District 2	Northampton
Pioneer Valley Transit Authority (PVTA)	Springfield
Westfield River Wild and Scenic Advisory Committee	Haydenville
Bike/Ped Community (MassBike)	Williamsburg