

TRANSPORTATION IMPROVEMENT PROGRAM (TIP)

2026 - 2030

FOR THE
METROPOLITAN PLANNING ORGANIZATION
PIONEER VALLEY REGION,
MASSACHUSETTS

DRAFT April 17, 2025



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Notice of Nondiscrimination Rights and Protections to Beneficiaries

Federal Title VI/Nondiscrimination Protections

The Pioneer Valley Metropolitan Planning Organization (PVMPO) and the Massachusetts Department of Transportation (MassDOT) comply with Title VI of the Civil Rights Act of 1964, which prohibits discrimination on the basis of race, color, or national origin (including limited English proficiency). Related federal and state nondiscrimination laws prohibit discrimination on the basis of age, sex, disability, and additional protected characteristics.

Individuals who believe they have been discriminated against may [file a complaint](#) with the following:

Pioneer Valley Metropolitan Planning
Organization

MPO Title VI Specialist

60 Congress Street

Springfield, MA 01104

Phone 413-781-6045 TTD/TTY (413-781-7168)

E-mail: gmroux@pvpc.org

U.S. Department of Transportation

Office of Civil Rights

1200 New Jersey Avenue, SE

Washington, DC 20590

Website: civilrights.justice.gov/

MassDOT Title VI Specialists

Office of Diversity and Civil Rights – Title
VI Unit

10 Park Plaza, Suite 3800

Boston, MA 02116

Phone: (857) 368-8580 or 7-1-1 for Relay
Service

Email: MassDOT.CivilRights@state.ma.us

Federal Transit Administration

Office of Civil Rights

Attention: Complaint Team East Building,
5th Floor—TCR 1200 New Jersey Avenue,
SE Washington, DC 20590

[FTA online complaint form](#)

The PVMPO complies with the Governor's Executive Order 526, section 4 requiring all programs, activities, and services provided, performed, licensed, chartered, funded, regulated, or contracted for by the state shall be conducted without unlawful discrimination based on race, color, age, gender, ethnicity, sexual orientation, gender identity or expression, religion, creed, ancestry, national origin, disability, veteran's status (including Vietnam-era veterans), or background.

English: If this information is needed in another language, please contact the PVPC Title VI Specialist at 413-781-6045.

Portuguese: Caso esta informação seja necessária em outro idioma, favor contar o Especialista em Título VI do PVPC pelo telefone 413-781-6045.

Spanish: Si necesita esta información en otro idioma, por favor contacte al especialista de PVPC del Título VI al 413-781-6045.

Chinese Simplified: (mainland & Singapore): 如果需要使用其它语言了解信息，请联系马萨诸塞州交通部（PVPC）《民权法案》第六章专员，电话413-781-6045。

Chinese Traditional: (Hong Kong & Taiwan): 如果需要使用其它語言了解信息, 請聯繫馬薩諸塞州交通部 (PVPC) 《民權法案》第六章專員, 電話413-781-6045。

Russian: Если Вам необходима данная информация на любом другом языке, пожалуйста, свяжитесь со специалистом по Титулу VI Департамента Транспорта штата Массачусетс (PVPC) по тел: 413-781-6045.

Haitian Creole: Si yon moun vle genyen enfòmasyon sa yo nan yon lòt lang, tanpri kontakte Espesyalis PVPC Title VI la nan nimewo 413-781-6045.

Vietnamese: Nếu quý vị cần thông tin này bằng tiếng khác, vui lòng liên hệ Chuyên viên Luật VI của PVPC theo số điện thoại 413-781-6045.

French: Si vous avez besoin d'obtenir une copie de la présente dans une autre langue, veuillez contacter le spécialiste du Titre VI de PVPC en composant le 413-781-6045.

Italian: Se ha bisogno di ricevere queste informazioni in un'altra lingua si prega di contattare lo Specialista PVPC del Titolo VI al numero 413-781-6045.

Khmer: របស់ ្រី ន ន ើនើបលាភ-អកតវការបកបពតមាើនន:

សមទាក់ទងកងកើតឡើងលើ ព័ កទ៦ របស់PVPIC តាមរយៈ លេខ រសព ៩៤១៣-៧៨១-៦០៤៥

Programs to Support Civil Rights

The MPO administers several programs to ensure that protected populations have equal access to the benefits of, and participation in, the MPO's transportation-planning process, free from discrimination.

MPO Title VI Program: Develops strategies, actions, and analyses needed to comply with FTA Title VI and FHWA Title VI/nondiscrimination requirements. The MPO reports its actions to comply with FTA requirements every three years; while FHWA requires compliance updates annually. The most recent triennial report can be found [here](#).

Transportation Equity Program: Identifies the transportation needs of protected populations through outreach and data collection, ensures that these needs are considered in the MPO's activities, and evaluates the extent to which the MPO meets the needs of these protected populations.

Public Participation Program: Provides avenues through which all residents, including protected populations, can participate in the MPO's transportation-planning and decision-making process.

Complaint Filing

Complaints filed under a federal law or policy (based on race, color, national origin [including limited English proficiency] sex, age, or disability) must be filed no later than 180 calendar days after the date the person believes the discrimination occurred. Complaints filed under a Massachusetts Public Accommodation Law (based on race, color, religious creed, national origin, sex, sexual orientation, disability, or ancestry) or Governor's Executive Order 526, section 4 (based on race, color, age, gender, ethnicity, sexual orientation, gender identity or expression, religion, creed, ancestry, national origin, disability, veteran's status [including Vietnam-era veterans], or background) must be filed no later than 300 calendar days after the date the person believes the discrimination occurred. The full complaint procedures are described in the document below:

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 628,000 residents, the Pioneer Valley is the fourth largest metropolitan area in New England. The map on the following page references the Pioneer Valley Region.

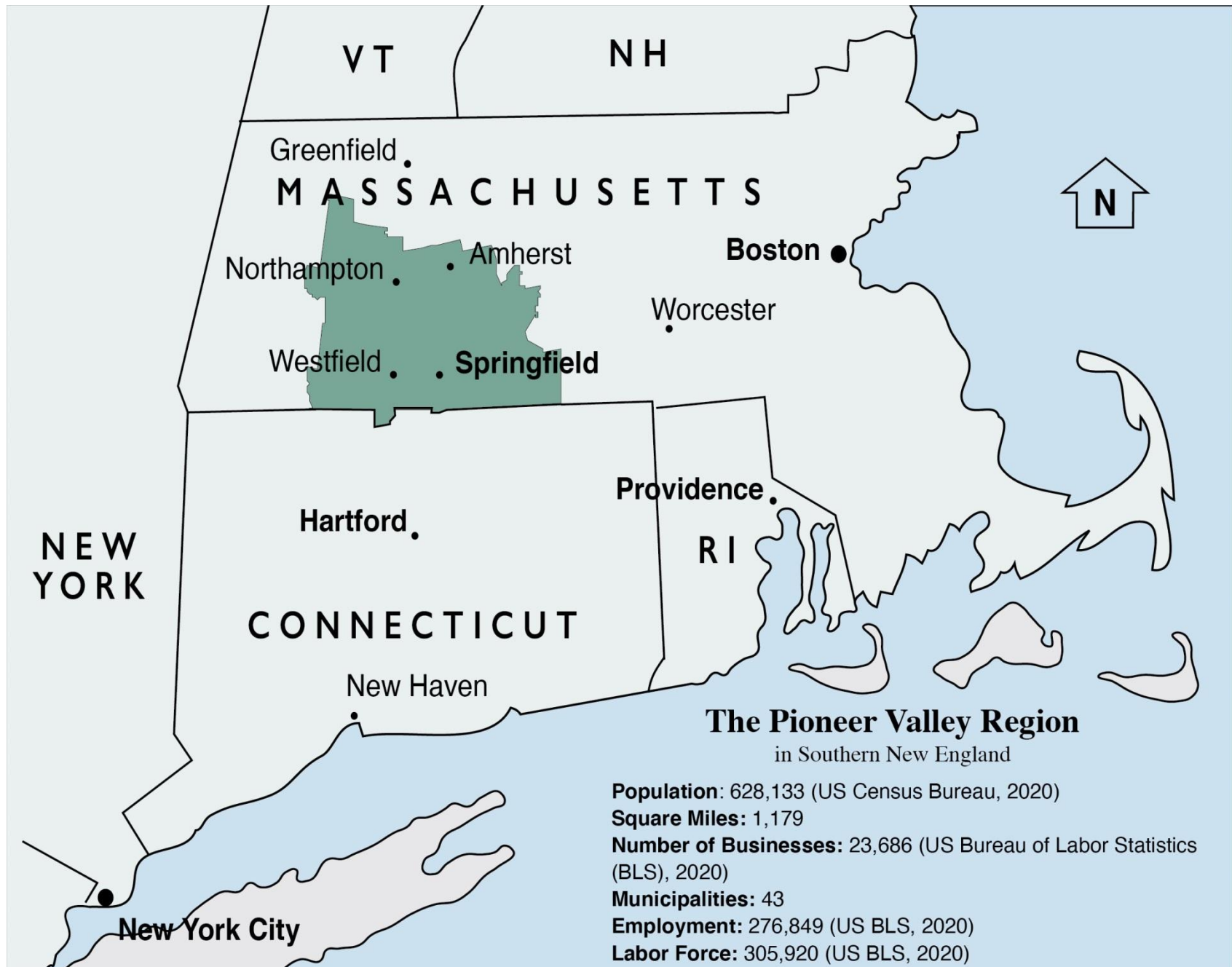
TIP Format and MPO Endorsement

The FFY 2026 - 2030 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 Non Federal Aid (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 2026-2030 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 2026 and beyond. In response to this commitment, Pioneer Valley local officials in cooperation with regional and state officials from 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 2026 and beyond. 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 five-year schedule of priority highway, bridge, transit, and multimodal 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.

FEDERAL AUTHORIZATION

The Bipartisan Infrastructure Law (BIL), was signed into law on November 15, 2021. With \$567 Billion in funding (2022-2026) the objective of BIL is not only to invest in infrastructure but also to grow the economy and make the USA more competitive on a global scale. BIL replaces The FAST Act, Fixing America's Surface Transportation signed into law on December 4, 2015 which funded surface transportation programs at over \$305 billion for fiscal years (FY) 2016 through 2020 (Continuing resolution thru December 2021). Below are the planning factors in US DOT regulations, which were introduced in the FAST Act.

The ten planning factors are as follows

Support the economic vitality of the metropolitan area, especially by enabling global competitiveness, productivity, and efficiency.

Increase the safety of the transportation system for motorized and non-motorized users.

Increase the security of the transportation system for motorized and non-motorized users.

Increase the accessibility and mobility of people and for freight.

Protect and enhance the environment, promote energy conservation, improve the quality of life, and promote consistency between transportation improvements and State and local planned growth and economic development patterns.

Enhance the integration and connectivity of the transportation system, across and between modes, people and freight.

Promote efficient system management and operation.

Emphasize the preservation of the existing transportation system.

Improve the resiliency and reliability of the transportation system and reduce or mitigate storm water impacts of surface transportation.

Enhancing travel and tourism.

PERFORMANCE BASED PLANNING AND PROGRAMMING

A continuation of previous laws, the BIL requires MPOs, in collaboration with the state DOT and transit agencies, to formally establish targets for performance measures aligned with the national goals. Performance Based Planning and Programming (PBPP) refer to the application of performance management within the parameters of the BIL to achieve desired outcomes for the multimodal transportation system. It is intended to advance transportation investments based on their ability to meet established goals. This includes setting targets for the performance measures identified in the BIL.

Performance measures are intended to monitor and track performance over time and assess the effectiveness of projects and strategies in meeting the national goal areas. In the Pioneer Valley region, performance based planning methods have been used in the most recent update of the Transportation Evaluation Criteria (TEC), the TEC is the tool used by the MPO to program projects as part of the TIP for many years.

The Federal Transit Administration has finalized a rule to define requirements for transit asset management. This rule requires public transportation providers to develop and implement transit asset management (TAM) plans. TAM plans must include an asset inventory, condition assessments of inventoried assets, and a prioritized list of investments to improve the state of good repair of capital assets. This rule also establishes state of good repair standards and four state of good repair performance measures.

Public Transportation Agency Safety Plans (PTASP) were authorized by the MAP-21 legislation and continued in the BIL. Under this rule, operators of public transportation systems that receive Federal financial assistance under 49 U.S.C. Chapter 53 such as the PVTA, must develop and implement a PTASP to help ensure that public transportation systems are safe nationwide. The PTASP must include four main elements: (1) Safety Management Policy, (2) Safety Risk Management, (3) Safety Assurance, and (4) Safety Promotion. PVTA adopted PTASP was most recently reviewed and approved by the MPO January 28, 2025.

Table 1 Regional Performance Target Status

Final Rule	Effective Date	Status	Updated
Safety Performance Measures (PM1)	14-Apr-16	MPO adopted state targets on January 28, 2025	Annually
Pavement/Bridge Performance Measures (PM2)	20-May-17	MPO adopted state targets on February 28, 2023 / Mid - Performance Period Update 10/22/25	Every Two Years / Four Years
System Performance Measures (PM3)	20-May-17	MPO adopted state targets on February 28, 2023 / Mid - Performance Period Update 10/22/25	Every Two Years / Four Years
Transit Asset Management Plan (TAM)	26-Jul-16	MPO adopted PVTA TAM Plan Targets on February 25, 2025	Every Four Years
Public Transportation Agency Safety Plan (PTASP)	18-Nov-20	MPO adopted PVTA – PTASP on January 28, 2025	Annually

As can be seen in table 1, the Pioneer Valley MPO has elected to adopt the State performance targets for PM1, PM2 and PM3. PVTA has established TAM and PTASP performance targets into which are shown in table 1 as well. The UPWP includes specific tasks to support the performance based planning and programming for the Pioneer Valley MPO. Figure 1 and figures 2 displays how TIP funding is being spent to help meet the goals displayed in table 1. Figure 1 displays projects funded with regional discretionary funds wheil figure 2 shows all funding.

Figure 1 Highway Performance Measures (Target Projects)

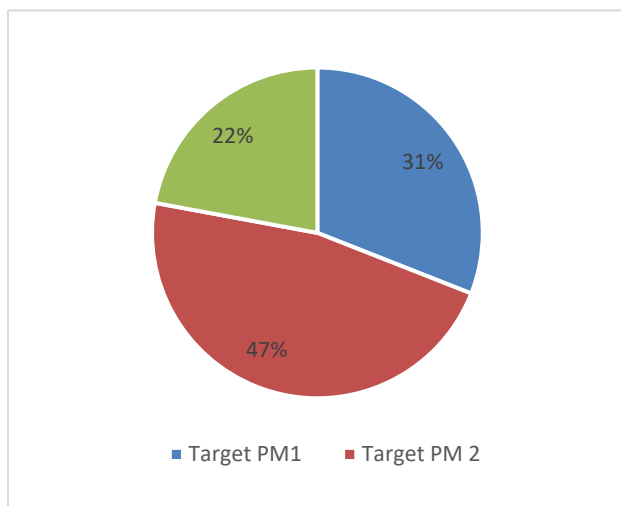
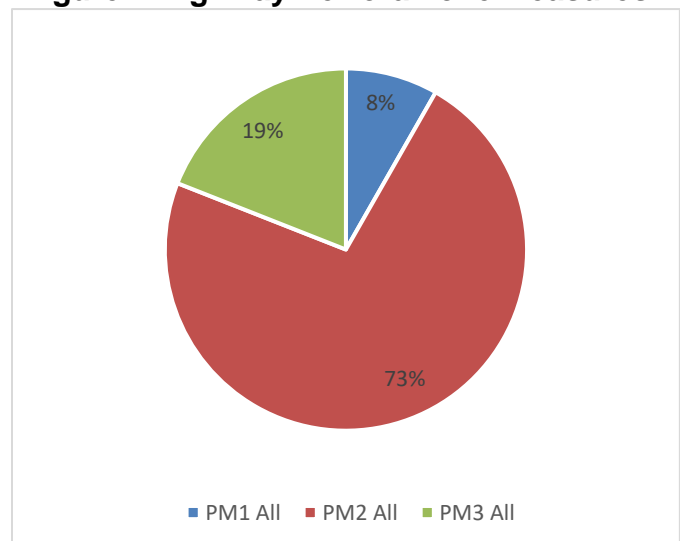


Figure 2 Highway Performamcne Measures



As can be seen in figures PVMPO anticipates investing \$190 million over the next 5 years on projects that will aid the PVMPO in meeting the Performance Measure targets. PVPC staffed used project information to identify the percentage of each project that contributes to each of the performance measures (PM1, PM2 and PM3) Of these investments 31% (\$59,437,852) will help achieve PM1, 47% (\$90,066,254) will help achieve PM2, and 31% (\$42,390,254) will help achieve PM3. As more data because available it is anticipated that corresponding PM trends should be seen showing that our region is meeting or exceeding our PM Rules.

Figure 3 Transit Performamcne Measures

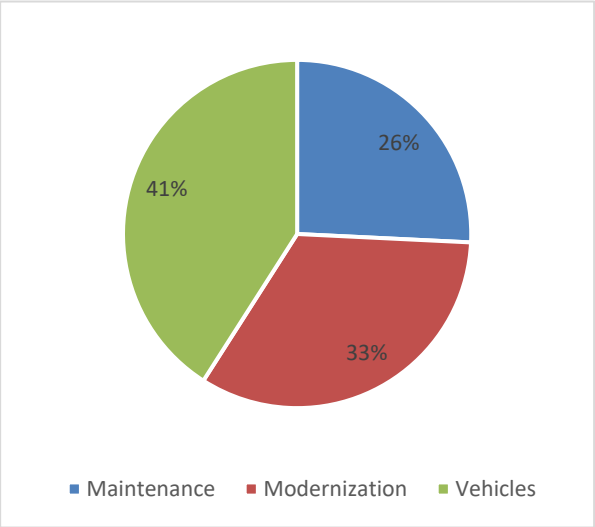


Figure 3 shows PVTA capital investment which will help our region meet the TAM rule. Over the next 5 years PVTA anticipates spending \$153 million on buses, vans, mini buses, and facility maintenance. PVTA spends roughly 41% (\$62,585,472) of their yearly capital budget on fleet replacement in order to meet the TAM rule. PVTA spends \$40 million (26%) on maintenance of the excisting facilities and \$51 million (33%) on system modernization. PTASP targets were approved by the MPO in May of 2022 and are reviewed yearly, projects will be evaluated as more data becomes available to measure PTASP effectiveness.

Appendix D and E provide more detailed project information related to investments linked to performance measures.

CONFORMITY WITH THE REGIONAL TRANSPORTATION PLAN

All projects in the TIP come from the 2020 Regional Transportation Plan (RTP). 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 2026 through 2030 (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. Since most all of Massachusetts (with limited exceptions) was designated on 5/21/12 by the United States Environmental Protection Agency as “unclassifiable/attainment” for the latest ozone standard, a conformity determination for the Pioneer Valley 2026-2030 TIP is only required for carbon monoxide. Further details and background information are provided in Chapter VII (page 81) of this document and in Chapter 16 of the RTP ([Click here to view](#)).

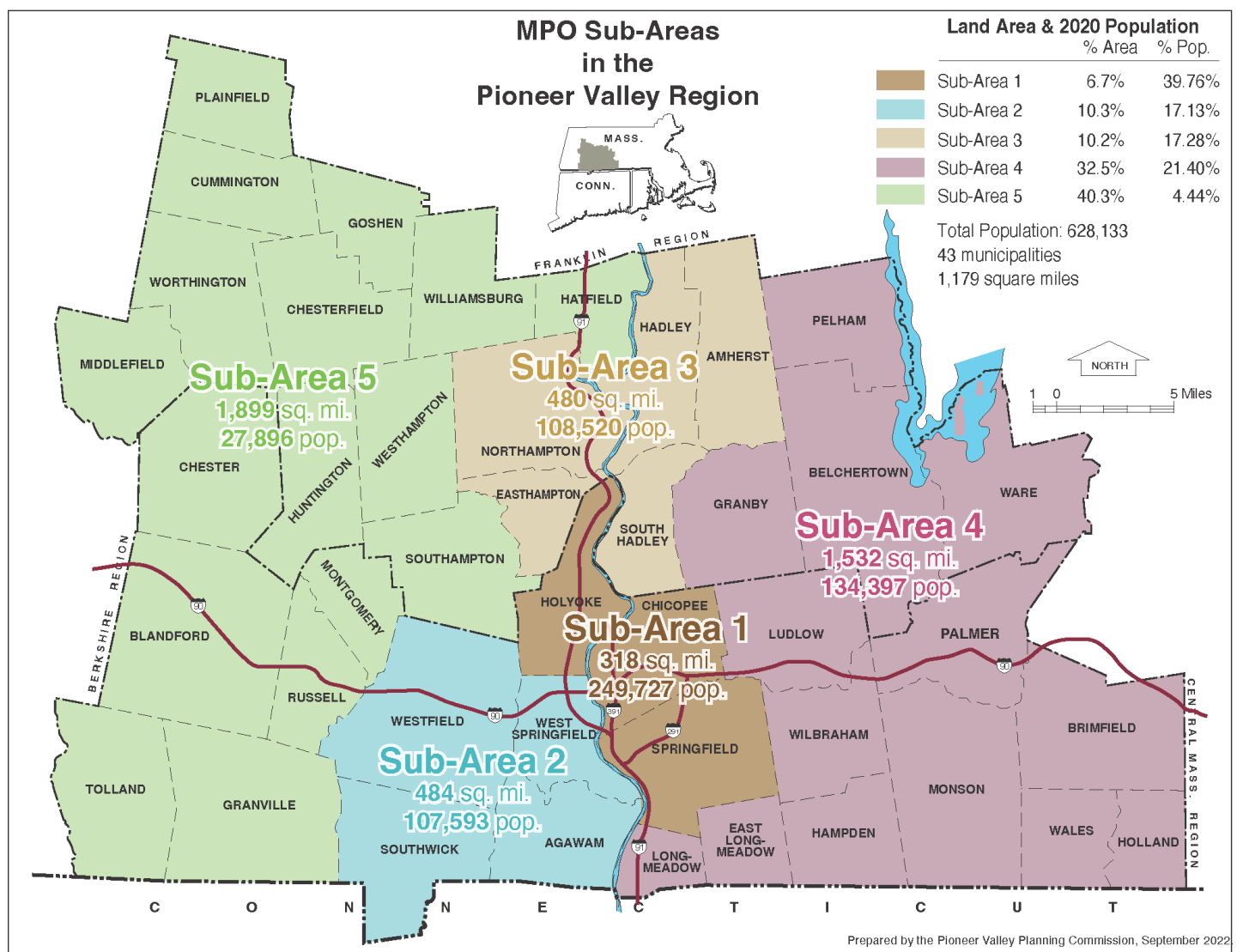
METROPOLITAN PLANNING ORGANIZATION

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:

Table 2 Current MPO Membership

Name	Title
Monica Tibbits-Nutt	Secretary and CEO of the Massachusetts Department of Transportation
Jonathan L. Gulliver	Administrator of the Massachusetts Department of Transportation Highway Division
Walter Gunn	Chair of the Pioneer Valley Executive Committee
Vacant	Chair of the Pioneer Valley Transit Authority Advisory Board
Domenic Sarno	Mayor of Springfield (Sub-Region 1)
John Vieau	Mayor of Chicopee (Sub-Region 1)
Michael McCabe	Mayor of Westfield (Sub-Region 2)
Gina-Louise Sciarra	Mayor of Northampton (Sub-Region 3)
Mark Gold	Longmeadow Selectboard (Sub-Region 4)
Roger Fuller	Chesterfield Selectboard (Sub-Region 5)
Rick Sullivan	Economic Development Council of Western Massachusetts
Alternates	
Joshua A. Garcia	Mayor of Holyoke (Sub-Region 1)
William Reichelt	Mayor of West Springfield (Sub-Region 2)
Nicole LaChapelle	Mayor of Easthampton (Sub-Region 3)
James Whalen	Holland Selectboard (Sub-Region 4)

Stephen Thor Johnson	Southampton Selectboard (Sub-Region 5)
Ex-Officio (Non-Voting)	
Joi Singh	Federal Highway Administration
Peter Butler	Federal Transit Administration
Sandra Sheehan	Pioneer Valley Transit Authority Administrator
Tina Cote	Franklin Region Transit Authority Administrator
Bill Dwyer	Chair – Pioneer Valley Joint Transportation Committee



Nomination and Election Process for the Six Locally Elected MPO Members

MPO staff will perform outreach to gauge the number of interested locally elected officials in each MPO tier. In the event that multiple municipalities are interested in serving on the MPO, the electoral process shall be conducted using an email ballot for tier 2 and tier 3. For tier 4 and tier 5 if three or more locally officials are interested in serving on the MPO, a regional caucus approach will be used to determine membership. The term of office for each community representative to the Pioneer Valley MPO shall be for two years, beginning January 1st.

In the event that a current MPO member from one of the local tiers chooses not to run for reelection or is not reelected to office, the alternate member shall automatically assume the duties of the member. The PVPC will seek to fill any vacant alternate MPO member slot(s) through a search process carried out in consultation with the Joint Transportation Committee (JTC) and ultimately confirmed by an affirmative vote of the MPO.

The above-cited community officials shall be approved by the MPO at a regularly scheduled MPO meeting.

DEVELOPMENT OF THE TIP

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 (STIP) verbatim and requires endorsement by the Governor.

The MPO relies on a transportation advisory committee, the Joint Transportation Committee (JTC) to carry out the cooperative process during TIP development. The 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.

- Project proponents (communities, MPO members, agencies) submit projects through the process outlined in Chapter 2 of the Massachusetts Project Development & Design Guidebook (2006)
- Projects are prioritized based on evaluation criteria by MPO staff, JTC representatives, and MassDOT Highway Division staff, and MassDOT staff at a posted meeting open to all.
- The State (thru MassDOT) provides funding targets for all 13 Regional Planning Agencies in Massachusetts.
- JTC reviews and recommends projects by Transportation Evaluation Criteria (TEC) and readiness to the MPO.
- Draft TIP project listings are prepared by the MPO staff and distributed for review and comment to MPO members.

- 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 MPO Public Participation Plan for the Pioneer Valley Region.
- Final Draft TIP is distributed for review, consultation and comment in accordance with the adopted MPO Public Participation Plan.
- Public meetings and news releases are conducted to promote public involvement and consultation.
- Comments are compiled and addressed where appropriate.
- Final TIP developed for the JTC's consideration and their recommendation to MPO.
- MPO meets to vote on final adjustments and endorsement of the TIP.
- Endorsed Regional TIPs are compiled by MassDOT to create the STIP.
- Secretary and CEO of MassDOT endorses the STIP (on behalf of the Governor) and submits the STIP to federal agencies for review and approval.
- Federally approved STIP is ready for state implementation (project advertisement).

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)

Congestion Management Process means a systematic approach required in transportation management areas (TMAs) that provides for effective management and operation, based on a cooperatively developed and implemented metropolitan-wide strategy, of new and existing transportation facilities eligible for funding under title 23 U.S.C., and title 49 U.S.C., through the use of travel demand reduction and operational management strategies.

In the Pioneer Valley Region, the CMP is a vital tool used in identifying project needs as well as the merits of projects in the development process. The CMP is also used to identify the effectiveness of project implementation as well as a tool to monitor our performance measures.

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

The goal of 701 CMR 7.00 is to ensure the safety all modes of transportation as well as workers in the vicinity of public works projects. Additionally 701 CMR 7.00 provides flexibility on certain types of projects to reduce the overall project cost through different types of traffic control strategies including Road Flagger and/or Police details.

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:

<https://www.mass.gov/road-flaggers-and-police-detail>

The Performance-Based Planning and Programming Rulemaking passed by the Federal Highway Administration (FHWA) and Federal Transit Administration (FTA) required the development of a memorandum of understanding (MOU) between MassDOT and all Metropolitan Planning Organizations (MPOs) and Regional Transit Authorities (RTAs) within Massachusetts. This MOU, which was endorsed by all parties in April of 2019, established specific written procedures for information sharing related to transportation performance data, the selection of both highway and transit performance targets, and the tracking of progress toward achieving these targets.

23 CFR 450.314(h) COOPERATIVELY SHARE PERFORMANCE DATA

The MPO(s), State(s), and the providers of public transportation shall jointly agree upon and develop specific written provisions for cooperatively developing and sharing information related to transportation performance data, the selection of performance targets, the reporting of performance targets, the reporting of performance to be used in tracking progress toward attainment of critical outcomes for the region of the MPO (see § 450.306(d)), and the collection of data for the State asset management plan for the NHS for each of the following circumstances:

- (i) When one MPO serves an urbanized area,
 - (ii) When more than one MPO serves an urbanized area, and
 - (iii) When an urbanized area that has been designated as a TMA overlaps into an adjacent MPA serving an urbanized area that is not a TMA.
- (2) These provisions shall be documented either:
- (i) As part of the metropolitan planning agreements required under (a), (e), and (g) of this section, or
 - (ii) Documented in some other means outside of the metropolitan planning agreements as determined cooperatively by the MPO(s), State(s), and providers of public transportation.

PROJECT PRIORITY CRITERIA AND SELECTION

In 2014 PVPC with the assistance of the JTC completed a comprehensive update to the TEC for the PVMPO. The purpose of the update was to bring the TEC up to the current standards set forth by MAP -21. In 2018 and 2020 PVPC staff with the assistance of the JTC reviewed the effectiveness of the TEC to ensure the criteria was working as anticipated and met the requirements of the FAST act. In the Fall on 2021 slight modifications were made to the TEC to ensure all criteria was relevant. PVPC staff completed another comprehensive review and update of the TEC in the fall/winter of 2022 to ensure the TEC reflected the requirements of the BIL. Those changes have been update in the TEC Scoring Summary found on the following page. All projects included in the TIP have been evaluated and assigned a priority value or rating. This process is used as a management tool to identify projects of regional priority and program them accordingly in the TIP.

TEC SCORING SUMMARY

System Preservation, Modernization and Efficiency	Livability	Mobility	Smart Growth and Economic Development	Safety and Security	Environment and Climate Change	Quality of Life	Environmental Justice and Title VI
Improves Substandard Pavement	Design is consistent with Complete Streets policies	Improves efficiency, reliability and attractiveness of public transit	Encourages development around existing infrastructure	Reduces number and severity of collisions	Preserves floodplains and wetlands	Enhances or preserves greenways and blueways	Reduces and limits disproportionate impacts on an EJ community
8	3	4	2	7	1	1	0.5
Improves Intersection Operations	Provides multi-modal access to a downtown, village center, or employment center	Improves existing peak hour LOS	Prioritizes transportation investments that support land use and economic development goals	Promotes safe and accessible pedestrian and bike environment	Promotes green infrastructure and low impact development to reduce stormwater impacts	Improves access to parks, open lands and open space	Reduces and limits disproportionate impacts on Title VI community
6	2	6	1	4	2	1	0.5
In a Congestion Management Process Area	Enhance non motorized transportation	Reduces traffic congestion	Provides services to a TOD, TND or cluster development district	Improves emergency response	Reduced impervious surfaces	Improves access to jobs	Improves transit for EJ populations
7	1	5	0.5	4	0.5	2	1
	Project serves a targeted development site		Supports mixed-use downtowns and village centers		Protects or enhances environmental assets	Preserves historical and cultural resources	Improves transit for Title VI populations
	2		0.5		0.5	0.5	1
	Completes off-road bike and ped network		Improves Intermodal Connections		Supports Brownfield redevelopment	Preserves prime agricultural land	Creates an EJ Burden
	3		4		0.5	0.5	-5
			Reduces congestion on freight routes		Improves air quality	Provides safe and reliable access to education	Creates an Title VI Burden
			2		2	0.5	-5
					Improves fish and wildlife passage	Supports designated scenic byways	Public Involvement with Impacted Underserved Communities
					1	0.5	1
					Supports Green Communities	Implements ITS Strategies	
					0.5	≥ 1	
					Improves storm resilience	Improves Network Wayfinding	
					3	1	
					Carbon Reduction Program	Access to Sensitive Receptors	
					0.5	1	
					Project Improves Habitat Connectivity	Length of Time Project has been in queue for TIP funding	
					1	1	
						Construction of Rest Areas	
						0.5	
Maximum Score							
21	12	15	10	15	12.5	10.5	4

PROJECT INITIATION

In the fall of 2017 MassDOT rolled out their new project development tool, the MassDOT Project Intake Tool (MaPIT). MaPIT has integrated the entire project initiation process into an online portal which both streamlines and modernizes the project development process. The steps listed below are the same for the project development process; however these steps are now completed online instead of on paper.

The Project Needs Form (PNF) is the first document completed at the start of the project development process. The PNF provides sufficient material to understand the transportation need(s), and results in one of the following three outcomes:

- Verification of the problem, need, or opportunity to enable it to move forward into design;
- Determination of the level of further project planning warranted; or,
- Dismissal of a project from further consideration.

The next step in the project development process involves summarizing the findings and direction defined in the Project Scope (PS) used by the Project Review Committee (PRC) and the MPO for project review and evaluation. The PS will include the following information to be documented by the proponent:

- Project Type and Description, including locus map
- Summary of Project Planning Process
- Preliminary identification of the Project Category for review and programming purposes
- Definition of the proposed project management responsibility
- Definition of an interagency (including local boards) coordination plan
- Definition of a public outreach plan for the design process
- Project Need Form or Project Planning Report as an attachment
- Transportation Evaluation Criteria as an attachment

The project intake tool (MaPIT) can be found at <https://geodot-massdot.hub.arcgis.com/> .

PROJECT SELECTION AND PROGRAMMING

The project priority ratings were applied in conjunction with a project's anticipated advertisement schedule. The funding targets provided by the MassDOT to develop the five-year program of the TIP were applied for each year in order to develop this fiscally constrained document. 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

Amendment means a revision to a long-range statewide or metropolitan transportation plan, TIP, or STIP that involves a major change to a project included in a metropolitan transportation plan, TIP, or STIP, including the addition or deletion of a project or a major change in project cost (\$500,000 for projects under \$5,000,000 and 10% for projects exceeding \$5,000,000), project/project phase initiation dates, or a major change in design concept or design scope (e.g., changing project termini or the number of through traffic lanes or changing the number of stations in the case of fixed guideway transit projects). Changes to projects that are included only for illustrative purposes do not require an amendment. An amendment is a revision that requires public review and comment and a re-demonstration of fiscal constraint. If an amendment involves “non-exempt” projects in nonattainment and maintenance areas, a conformity determination is required.

Amendments require formal MPO action, and must follow the requirements outlined in the Pioneer Valley Public Participation Plan (PPP). Additional information regarding the PPP can be found at [Public Participation Plan – Pioneer Valley Metropolitan Planning Organization](#)

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.

Summary of TIP Revisions

Type of Revision	Definition	Procedure	Notes
Major Project Cost Change	Increase or decrease of \$500,000 or greater for projects programmed under \$5,000,000 and greater than 10% of the total cost for projects programmed over \$5,000,000.	Amendment	The “increase” or “decrease” in cost is relative to the Total Federal Participating Cost (TFPC) of a project.
Minor Project Cost Change	Increase or decrease of \$499,999 or less for projects programmed under \$5,000,000 and less than 10% of the total cost for projects programmed over \$5,000,000.	Adjustment	The “increase” or “decrease” in cost is relative to the Total Federal Participating Cost (TFPC) of a project.
Project Description Change	Change in the description of the project as it is listed in the STIP.	Adjustment	Project description changes are treated as Adjustments for minor changes (e.g. spelling errors, more detailed descriptions, adding mile-markers, etc.).

Major Project Scope Change	A revision to the project scope large enough to necessitate an additional review by MassDOT's Project Review Committee (PRC) – typically accompanied by major project cost change.	Amendment	Major scope change will require the initiation of a new project through MaPIT, and review/approval by PRC.
Minor Project Scope Change	A minor revision to the project scope that does not significantly alter the original PRC- approved scope of work.	Adjustment	In many cases, changes in this category will also include a minor cost change.
Project Addition	The programming of a new project in any federal fiscal year of the active TIP.	Amendment	Project additions are treated as amendments if the project has been vetted through the public process.
Project Removal	The removal of a project in any federal fiscal year of the active TIP.	Amendment	Exception: if a project is removed from an active TIP due to it being previously advanced/advertised, or is moved to the statewide list from a regional TIP, the action would be considered an adjustment.
Change in Funding Source	A change in the project's funding source, including federal and non-federal sources which fall within the project cost change revisions listed above.	Adjustment	Changes in funding sources for projects are permissible for advertisement purposes if the FHWA Division Office has been consulted.
Change in Additional Information	A change in any item listed in the "Additional Information" column of the STIP not covered in any other item listed here (e.g. earmark details, project proponent, etc.)	Adjustment	Additional Information including: Total cost, AC, Year-of-expenditure, TEC scores - can be updated without formal approval of the MPO.

Change in Year of Programming	Moving a currently programmed project earlier or later than an originally programmed year.	Adjustment	Changes to a project delivery schedule (advancement or delay) can be handled as an adjustment when time limitations prevent the revision from being released for public review. Staff will make every effort to handle this type of revision as an amendment when possible.
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The MassDOT process used to make amendment/adjustment to the STIP can be found [here](#).

DESCRIPTION OF FUNDING SOURCES

National Highway Freight Program (NHFP) – This program purpose is to improve the efficient movement of freight on the National Highway Freight Network (NHFN). Two percent of this program is set aside for State Planning and Research. BIL allows States to use ≤30% (vs. 10% under previous law) of NHFP funding on freight intermodal or rail projects, subject to certain restrictions. BIL also adds eligibility for modernization/rehabilitation of a lock and dam or a marine highway corridor, connector, or crossing (including an inland waterway corridor, connector, or crossing) that are functionally connected to the National Highway Freight Network AND are likely to reduce on-road mobile source emissions. Funding: federal – 90% on interstate and 80% on all other projects, state/local – 10% on interstate and 20% on all other projects.

National Highway Performance Program (NHPP) - The NHPP provides support for the condition and performance of the National Highway System (NHS), for the construction of new facilities on the NHS, and to ensure that investments of Federal-aid funds in highway construction are directed to support progress toward the achievement of performance targets established in a State's asset management plan for the NHS. NHPP projects must be on an eligible facility and support progress toward achievement of national performance goals for improving infrastructure condition, safety, mobility, or freight movement on the NHS, and be consistent with Metropolitan and Statewide planning requirements. Funding: federal – 90% on interstate and 80% on all other projects, state/local – 10% on interstate and 20% on all other projects.

Surface Transportation Block Grant Program (STBG) - This program formerly the Surface Transportation Program (STP) is a flexible funding program that can be used for projects that preserve and improve the conditions and performance on any Federal-aid highway, bridge and tunnel projects on any public road, pedestrian and bicycle infrastructure, and transit capital projects, including intercity bus terminals. Funding: federal – 90% on interstate and 80% on all other projects, state/local – 10% on interstate and 20% on all other projects.

Transportation Alternatives Program (TAP) - The TAP provides funding for programs and projects defined as transportation alternatives, including on- and off-road pedestrian and bicycle facilities, infrastructure projects for improving non-driver access to public transportation and enhanced mobility, community improvement activities, and environmental mitigation; recreational trail program projects; safe routes to school projects; and projects for planning, designing, or constructing boulevards and other roadways largely in the right-of-way of former Interstate System routes or other divided highways. 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 – 90% on interstate and 80% on all other projects, state/local – 10% on interstate and 20% on all other projects.

Highway Safety Improvement Program (HSIP) - The HSIP requires a data-driven, strategic approach to improving highway safety on all public roads that focuses on performance. The goal of HSIP is to achieve a significant reduction in traffic fatalities and serious injuries on all public roads, including non-State-owned public roads and roads on tribal lands. Funding: federal - 80%, state - 20%. HSIP federal – 90%, state – 10%.

Recreational Trails Program (RTP) - provides funds to develop and maintain recreational trails and trail-related facilities for both nonmotorized and motorized recreational trail uses (set-aside from Transportation Alternatives). Funding: federal -80%, state/local – 20%.

Bridge Formula Program (BFP) - The purpose of this program is to replace, rehabilitate, preserve, protect, and construct bridges on public roads. Fifteen percent of BFP funds are reserved for off-system bridges. This is a non-core formula program and not subject to obligation limitation. Projects on the STIP using these funds may have a program line ending in NB, indicating New Bridge Program (now known as BFP). Funding federal – 90% on interstate and 80% on all other projects, state/local – 10% on interstate and 20% on all other projects or for off-system bridges not owned by a local agency; no match required for locally owned off-system bridges.

Next Generation Bridge Program (NGBP) Massachusetts' Next Generation Bridge Program focuses on funding bridge preservation and the bundling of smaller MassDOT bridge projects. These projects will be advertised for construction during the 5-year STIP period and are initially funded with non-federal aid funding (i.e. state funds), and will be repaid in the future with debt repayments using federal aid. This is reflected in the Highway Funding Program as Grant Anticipation Notes (GANS).

Carbon Reduction Program (CRP) – CRP funding is designed for projects designed to reduce emissions related to transportation. Before obligating CRP funds for an eligible project in an urbanized area that is not a transportation management area, a State shall coordinate with any MPO that represents the urbanized area prior to determining which activities should be carried out under the project. Funding: federal – 90% on interstate and 80% on all other projects, state/local – 10% on interstate and 20% on all other projects.

Promoting Resilient Operations for Transformative, Efficient, and Cost-saving Transportation (PROTECT) – Competitive grant focusing on the resiliency of the transportation system. Funding: federal - 80%, State – 20%.

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 5339 Bus and Bus Facilities– (5309 SAFETEA-LU) Program provides capital funding to replace, rehabilitate, and purchases buses and related equipment and to construct bus related facilities. Funding: Federal - 80%, State - 20%.

Section 5307 Capital- This program provides grants to Urbanized Areas (UZA) for public transportation capital, planning, job access and reverse commute projects, as well as operating expenses in certain circumstances. These funds constitute a core investment in the enhancement and revitalization of public transportation systems in the nation's urbanized areas, which depend on public transportation to improve mobility and reduce congestion. Funding: 10% for the cost of vehicle-related equipment attributable to compliance with the Americans with Disabilities Act and the Clean Air Act; 50% for the net project cost of operating assistance; 20% for all other projects.

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 Pioneer Valley Transit Authority (PVTA) to provide van service to elderly and/or disabled persons. Funding: state/local match - 50% for operating assistance; no match required for program administrative costs; 20% for other projects.

Section 5311 - These funds are used to enhance access for people in nonurbanized areas to health care, shopping, education, employment, public services, and recreation. It is also used to assist in the maintenance, development, improvement, and use of public transportation systems in nonurbanized areas. Funding: state/local match - 20% for capital projects and American with Disabilities Act (ADA) non-fixed route paratransit service; 50% for operating assistance.

Regional Transit Authority Capital Assistance (RTACAP) - RTACAP involves state funding primarily used for RTA capital projects, including matching funds for federally-funded projects.

Mobility Assistance Program (MAP) - funds are state capital dollars provided to transit agencies, Councils on Aging, and private nonprofits for the purchase of vehicles to be used in the provision of transportation services to the elderly and persons with disabilities. MAP is administered by MassDOT under the Section 5310 program through an application process.

State Contract Assistance (SCA) - SCA funds are state operating assistance for transit, provided through the Commonwealth Transportation Fund (CTF) and the Massachusetts Transportation Trust Fund (MTTF). These funds are used for operating expenditures through contracts between the RTAs and MassDOT's Rail and Transit Division.

Transportation Development Credits (TDC) - FHWA and FTA allow states to substitute certain previously financed toll investments for state matching funds that are required for federal projects. This permits states to use TDCs, commonly known as Toll Credits, to match federal funds.

TRANSPORTATION SYSTEM OPERATING AND MAINTENANCE COSTS

The FFY 2026- 2030 TIP is consistent with the Regional Transportation Plan (RTP) for the Pioneer Valley Region. Tables 3,4 and 5 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 3 Transportation Operating and Maintenance Expenditures

Year	Target	Other Statewide	Non Interstate	NFA Bridge	Interstate	Total All Funding
	10.8099%	10.8099%	13.0542%	10.8099%	8.4544%	
2020-2024	\$134,136,806	\$121,332,223	\$47,144,718	\$54,049,500	\$13,381,407	\$370,044,654
2025-2029	\$153,789,263	\$136,359,264	\$56,120,172	\$55,238,590	\$16,897,096	\$418,404,385
2030-2034	\$188,833,297	\$167,431,514	\$68,908,303	\$56,453,840	\$20,747,444	\$502,374,398
2035-2039	\$209,293,530	\$185,572,848	\$76,374,571	\$57,695,820	\$22,995,446	\$551,932,215
2040	\$44,516,326	\$39,470,984	\$16,244,722	\$11,793,026	\$4,891,087	\$116,916,145
Totals	\$730,569,222	\$650,166,833	\$264,792,486	\$235,230,776	\$78,912,480	\$1,959,671,797

Table 4 Transit Operating Expenditures

Year	5307	5310	5339	RTACAP	Total
2020-2024	\$68,180,385	\$2,933,482	\$7,224,890	\$36,688,650	\$115,027,407
2025-2029	\$75,572,320	\$3,253,115	\$8,718,575	\$40,357,515	\$127,901,525
2030-2034	\$83,765,669	\$3,607,577	\$10,521,068	\$44,393,267	\$142,287,581
2035-2039	\$92,847,318	\$4,000,659	\$12,696,208	\$48,832,593	\$158,376,778
2040	\$19,744,098	\$850,992	\$2,838,307	\$10,743,170	\$34,176,567
Total	\$340,109,790	\$14,645,825	\$41,999,048	\$181,015,195	\$577,769,858

Table 5 Transit Maintenance Expenditures

	2020-2024	2025-2029	2030-2034	2035-2039	2040	Grand Total
Local Assessments	\$49,372,389	\$55,860,326	\$63,200,831	\$71,505,940	\$15,445,284	\$255,384,770
5307 Federal Urbanized Formula	\$58,635,131	\$64,992,195	\$72,038,475	\$79,848,693	\$16,979,925	\$292,494,419
5339 Federal	\$7,224,890	\$8,718,575	\$10,521,068	\$12,696,208	\$2,838,307	\$41,999,048
5310 Federal Elderly and Disabled	\$2,933,482	\$3,253,115	\$3,607,577	\$4,000,659	\$850,992	\$14,645,825
Fare box	\$45,399,763	\$50,125,006	\$55,342,057	\$61,102,103	\$13,198,054	\$225,166,983
Advertising, other revenue	\$3,255,020	\$3,593,805	\$3,967,851	\$4,380,829	\$946,259	\$16,143,764
Operating Funds for Programming in the RTP	\$166,820,675	\$186,543,022	\$208,677,859	\$233,534,432	\$50,258,821	\$845,834,809

Source: Regional Transportation Plan, updated 2020

II. PUBLIC PARTICIPATION SUMMARY AND CHANGES

In accordance with 23 CFR 450.316(a)) The MPO shall develop and use a documented participation plan that defines a process for providing individuals, affected public agencies, representatives of public transportation employees, public ports, freight shippers, providers of freight transportation services, private providers of transportation (including intercity bus operators, employer-based commuting programs, such as carpool program, vanpool program, transit benefit program, parking cash-out program, shuttle program, or telework program), representatives of users of public transportation, representatives of users of pedestrian walkways and bicycle transportation facilities, representatives of the disabled, and other interested parties with reasonable opportunities to be involved in the metropolitan transportation planning process.

And 23 CFR 450.316(b) In developing metropolitan transportation plans and TIPs, the MPO should consult with agencies and officials responsible for other planning activities within the MPA that are affected by transportation (including State and local planned growth, economic development, tourism, natural disaster risk reduction, environmental protection, airport operations, or freight movements) or coordinate its planning process (to the maximum extent practicable) with such planning activities. In addition, the MPO shall develop the metropolitan transportation plans and TIPs with due consideration of other related planning activities within the metropolitan area, and the process shall provide for the design and delivery of transportation services within the area that are provided by:

The DRAFT FFY 2026-2030 TIP underwent a public review and comment period consistent with the Pioneer Valley Metropolitan Planning Organizations Public Participation Process. This began April 25, 2025 and continued until May 15, 2025. During this time, comments were received from (insert list of comments).A public hearing was held on May 14, 2025 as part of the JTC meeting. Below is a summary of the comments received during the public review and comment period.

Table 6 Comments Received During Public Review

Comment table to be added upon completion of public review period.

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

The signature below signifies that all members of the Pioneer Valley Region's Metropolitan Planning Organization, or their designees, have met on May 27, 2025 and discussed the following item for endorsement: The Pioneer Valley Region's 2026-2030 Transportation Improvement Program (TIP)

For

Monica Tibbits-Nutt Secretary and Chief Executive Officer
Massachusetts Department of Transportation
Chair, Pioneer Valley MPO

CERTIFICATION OF THE 3-C PLANNING PROCESS

Certification of the Pioneer Valley MPO

Transportation Planning Process

The Pioneer Valley Metropolitan Planning Organization certifies that its conduct of the metropolitan transportation planning process complies with all applicable requirements, which are listed below, and that this process includes activities to support the development and implementation of the Regional Long-Range Transportation Plan and Air Quality Conformity Determination, the Transportation Improvement Program and Air Quality Conformity Determination, and the Unified Planning Work Program.

1. 23 USC 134, 49 USC 5303, and this subpart.
2. Sections 174 and 176 (c) and (d) of the Clean Air Act, as amended (42 USC 7504, 7506 (c) and (d) and 40 CFR part 93 and for applicable State Implementation Plan projects.
3. Title VI of the Civil Rights Act of 1964, as amended (42 USC 2000d-1) and 49 CFR Part 21.
4. 49 USC 5332, prohibiting discrimination on the basis of race, color, creed, national origin, sex, or age in employment or business opportunity.
5. Section 11101(e) of the Infrastructure Investment and Jobs Act (IIJA) (Public Law 117-58) and 49 CFR Part 26 regarding the involvement of disadvantaged business enterprises in U.S. DOT-funded projects.
6. 23 CFR part 230, regarding implementation of an equal employment opportunity program on Federal and Federal-aid highway construction contracts.
7. The provisions of the US DOT and of the Americans with Disabilities Act of 1990 (42 USC 12101 et seq.) and 49 CFR Parts 27, 37, and 38.
8. The Older Americans Act, as amended (42 USC 6101), prohibiting discrimination on the basis of age in programs or activities receiving federal financial assistance.
9. Section 324 of Title 23 USC regarding the prohibition of discrimination based on gender.
10. Section 504 of the Rehabilitation Act of 1973 (29 USC 794) and 49 CFR Part 27 regarding discrimination against individuals with disabilities.
11. Anti-lobbying restrictions found in 49 CFR Part 20. No appropriated funds may be expended by a recipient to influence or attempt to influence an officer or employee of any agency, or a member of Congress, in connection with the awarding of any federal contract.

May 27, 2025

Monica Tibbits-Nutt, Secretary and Chief Executive Officer
Massachusetts Department of Transportation
Chair, PVMPO

310 CMR 60.05: Global Warming Solutions Act Requirements for Transportation

This will certify that the Transportation Improvement Program and Air Quality Conformity Determination for the 2024 Long Range Transportation Plan is in compliance with all applicable requirements in the State Regulation 310 CMR 60.05: Global Warming Solutions Act Requirements for Transportation. The regulation requires the MPO to:

1. 310 CMR 60.05(5)(a)1.: Evaluate and report the aggregate transportation GHG emissions impacts of RTPs and TIPs;
2. 310 CMR 60.05(5)(a)2.: In consultation with MassDOT, develop and utilize procedures to prioritize and select projects in RTPs and TIPs based on factors that include aggregate transportation GHG emissions impacts;
3. 310 CMR 60.05(5)(a)3.: Quantify net transportation GHG emissions impacts resulting from the projects in RTPs and TIPs and certify in a statement included with RTPs and TIPs pursuant to 23 CFR Part 450 that the MPO has made efforts to minimize aggregate transportation GHG emissions impacts;
4. 310 CMR 60.05(5)(a)4.: Determine in consultation with the RPA that the appropriate planning assumptions used for transportation GHG emissions modeling are consistent with local land use policies, or that local authorities have made documented and credible commitments to establishing such consistency;
5. 310 CMR 60.05(8)(a)2.a.: Develop RTPs and TIPs;
6. 310 CMR 60.05(8)(a)2.b.: Ensure that RPAs are using appropriate planning assumptions;
7. 310 CMR 60.05(8)(a)2.c.: Perform regional aggregate transportation GHG emissions impact analysis of RTPs and TIPs;
8. 310 CMR 60.05(8)(a)2.d.: Calculate aggregate transportation GHG emissions impacts for RTPs and TIPs;
9. 310 CMR 60.05(8)(a)2.e.: Develop public consultation procedures for aggregate transportation GHG emissions impact reporting and related GWSA requirements consistent with current and approved regional public participation plans;
10. 310 CMR 60.05(8)(c): Prior to making final endorsements on the RTPs, TIPs, STIPs, and projects included in these plans, MassDOT and the MPOs shall include the aggregate transportation GHG emission impact assessment in RTPs, TIPs, and STIPs and provide an opportunity for public review and comment on the RTPs, TIPs, and STIPs; and
11. 310 CMR 60.05(8)(a)1.c.: After a final GHG assessment has been made by MassDOT and the MPOs, MassDOT and the MPOs shall submit MPO-endorsed RTPs, TIPs, STIPs or projects within 30 days of endorsement to the Department for review of the GHG assessment.

Monica Tibbits-Nutt, Secretary and CEO

Massachusetts Department of Transportation (MassDOT);

Chair, Pioneer Valley Metropolitan Planning Organization (PVMPO)

May 27, 2025

Date

FUNDING INFORMATION

FEDERAL AID TARGETS

The MassDOT provided the revised PVPC federal aid highway funding targets for the region On January 23, 2025. The targets are provided for FFYs 2025 through 2029 and represent both the federal aid portion and respective state match. (See Appendix A for additional information).

During the development of the TIP PVPC staff worked with MassDOT, PVTA, Municipalities with active projects, and project designers to develop current year project cost estimates and design status. Once the draft TIP was programmed, Highway projects funded with regional target funds are inflated four percent per year starting in FFY2026 in order to reflect year of expenditure (YOE).

Federal financial resources for transit are projected using appropriated amounts provided by the FTA for the funding categories of Sections 5307 and 5311. Section 5309 funds 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 7 (highway) and Table 8 (transit) shows both these target amounts and the amounts programmed for highway and transit projects during fiscal years 2026 – 2030, target funds and programmed amounts represent year of expenditure. Projects that are not charged against the funding targets are not presented in the tables. These projects include: Statewide items; and special funding projects.

Table 7 Federal Highway Financial Plan

Highway	2026	2027	2028	2029	2030	GRAND TOTAL
All Other Programmed Funding	\$243,103,992	\$256,437,228	\$158,895,399	\$210,245,088	\$116,025,786	\$984,707,493
Total Target Funds	\$31,520,356	\$38,399,206	\$39,927,211	\$39,629,701	\$40,263,468	\$189,739,942
Total of Programmed	\$31,095,314	\$38,300,446	\$39,309,776	\$38,685,380	\$31,612,499	\$179,003,415
Programmed STBG	\$31,095,314	\$38,300,446	\$39,309,776	\$37,226,696	\$31,612,499	\$177,544,731
Programmed HSIP	\$0	\$0	\$0	\$0	\$0	\$0
Programmed CMAQ	\$0	\$0	\$0	\$1,458,684	\$0	\$1,458,684
Programmed TAP	\$0	\$0	\$0	\$0	\$0	\$0
Programmed VUS	\$0	\$0	\$0	\$0	\$0	\$0
Difference	\$425,042	\$98,760	\$617,435	\$944,321	\$8,650,969	\$10,736,527

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 consists of almost entirely of maintenance projects for the present transportation system.

The transit program outlined in Table 10 represents both apportioned items as well as discretionary items. The total programmed amount represents both the federal, state and local contributions.

Table 8 Federal Transit Financial Plan

Transit	2026	2027	2028	2029	2030	GRAND TOTAL
Available Funds	\$108,979,386	\$91,036,343	\$91,536,395	\$125,910,405	\$83,508,461	\$500,970,990
Transit Capital Investment	\$20,893,980	\$32,886,118	\$30,418,340	\$50,191,604	\$42,614,733	\$177,004,775
5307	\$18,054,950	\$18,316,616	\$16,820,937	\$17,632,178	\$17,074,474	\$87,899,155
5307 CR	\$0	\$0	\$4,320,000	\$0	\$748,461	\$5,068,461
5339	\$691,462	\$705,292	\$0	\$733,785	\$0	\$2,130,539
5320	\$0	\$0	\$0	\$0	\$0	\$0
DOF	\$0	\$4,480,000	\$0	\$19,360,000	\$14,400,000	\$38,240,000
Other Federal	\$168,000	\$294,000	\$210,000	\$378,000	\$360,000	\$1,410,000
Other Non Federal	\$0	\$0	\$0	\$0	\$0	\$0
RTACAP Program	\$838,242	\$7,941,763	\$7,896,168	\$10,893,181	\$8,813,668	\$36,383,022
SCA Program	\$1,141,326	\$1,148,447	\$1,171,235	\$1,194,460	\$1,218,130	\$5,873,598
Difference	\$88,085,406	\$58,150,225	\$61,118,055	\$75,718,801	\$40,893,728	\$323,966,215

The transit projects programmed focus on maintaining and operating the present system.

THE GEOGRAPHIC DISTRIBUTION OF FEDERAL TARGET FUNDS IN THE PIONEER VALLEY METROPOLITAN PLANNING REGION – 2026 TO 2030

PVPC staff reviewed project programming for the TIP in order to show the geographic distribution of Federal Target funds in the Pioneer Valley Metropolitan Planning Organization (MPO) region. PVPC staff reviewed year 1 section 1A (Federal Aid Target Projects) for the next 5 years (2026 through 2030) TIP. Table 11 provides the results of this analysis broken out by MPO sub-region

while Table 12 provides the results broken out by municipality. Please see page 3 for MPO region map and additional information regarding the composition of the MPO.

As can be seen in Tables 9 and 10 the PVMPO has successfully programmed 17 projects in 13 communities over the next 5 years. The total funding commitment for these projects is \$179 million. The average investment per project is \$10.55 million (increase from \$10.1 million in FFY 2025 and \$9 million in FFY 2024) or 3.4 projects per year on average (equal to the average of 3.0 in FFY 2025).

Table 9 Projects Proposed to be Completed in the 2026-2030 TIP by Sub-Region

MPO Sub Region	2026	2027	2028	2029	2030	Total	Total Funds	% Funds	% Pop	Median Household Income	Below Poverty Level	Population
Sub Region 1	1			1	2	4	\$43,417,264	24%	40%	\$39,186	24.37%	248,238
Sub Region 2		1				1	\$9,311,270	5%	17%	\$64,795	8.53%	107,425
Sub Region 3		2	1	2		5	\$61,308,503	34%	17%	\$61,037	14.68%	105,185
Sub Region 4	1	1	1	1		4	\$31,434,816	18%	21%	\$73,499	6.84%	132,675
Sub Region 5	2		1			3	\$33,804,562	19%	4%	\$68,342	6.52%	28,047
Grand Total	4	4	3	4	2	17	\$179,276,415			\$61,372	12.19%	621,570

Pop = Population Source: PVPC TIP

As can be seen in Table 9, sub-region 1 (40% of PV population) will see 4 projects worth \$43.4 million (24% of the programmed funding) over the next 5 years. Sub-region 5 which makes up 4% on the regional population is anticipated to receive 19% (\$33.8 million) of the programmed funding over the next 5 years. This is due in large to the complexity and cost of bringing rural roads up to current state and federal standards. Sub-region 2 (17% of PV populations) has 5% (1 project worth \$9.3 million) programmed over the next 5 years, this is due in large part to several large projects recently being completed in Sub-region 2. Sub Region 3 (17% of the population) has 5 project valued at \$31.3 million(34% of programmed funding) over the next five year. The significant investment in sub-are 3 is in large part the result of major reconstruction / complete street projects in Northampton and Easthampton. The PVMPO is committed to funding transportation improvement projects across the entire region. The community data provided in Table 10 shows the extent to which this has been proposed over the next 5 years. With the implementation of the new Transportation Evaluation Criteria (TEC) as well as other regional and state initiatives, the PVMPO is positioned to be able to continue to make decisions that will be equitable for the entire region.

Table 10 Projects Proposed to be Completed in the 2026-2030 TIP by Municipality

Municipality	2026	2027	2028	2029	2030	Total	Total Funds	% Funds	% Pop	Median Household Income	Below Poverty Level	Population
Agawam						0		0%	4.6%	\$63,561	9.3%	28705
Amherst						0		0%	6.2%	\$52,537	33.8%	38919
Belchertown						0		0%	2.4%	\$74,221	7.8%	14735
Blandford						0		0%	0.2%	\$72,361	5.6%	1246
Brimfield						0		0%	0.6%	\$82,365	3.0%	3708
Chester						0		0%	0.2%	\$65,648	9.2%	1360
Chesterfield	1					1	\$6,290,549	4%	0.2%	\$63,594	7.3%	1239
Chicopee	1					1	\$12,804,765	7%	8.9%	\$47,276	12.9%	55717
Cummington						0		0%	0.1%	\$50,521	6.4%	867
East Longmeadow		1				1	\$9,187,724	5%	2.6%	\$84,173	5.1%	16022
Easthampton			1	1		2	\$25,330,588	14%	2.5%	\$56,927	8.3%	15971
Goshen						0		0%	0.2%	\$69,219	2.8%	1058
Granby						0		0%	1.0%	\$78,261	5.8%	6290
Granville						0		0%	0.3%	\$75,208	7.1%	1612
Hadley						0		0%	0.8%	\$74,737	7.5%	5271
Hampden						0		0%	0.8%	\$78,722	4.2%	5179
Hatfield						0		0%	0.5%	\$60,033	11.1%	3282
Holland						0		0%	0.4%	\$64,868	9.4%	2495
Holyoke				1		1	\$16,640,120	9%	6.4%	\$35,550	30.1%	40249
Huntington						0		0%	0.3%	\$52,275	9.8%	2168
Longmeadow	1		1			2	\$15,954,416	9%	2.5%	\$108,835	5.3%	15882
Ludlow						0		0%	3.4%	\$61,410	5.9%	21451
Middlefield						0		0%	0.1%	\$78,214	5.3%	528
Monson				1		1	\$6,292,676	4%	1.4%	\$66,389	8.2%	8722
Montgomery						0		0%	0.1%	\$78,333	2.0%	862
Northampton		1		1		2	\$27,773,163	15%	4.5%	\$58,179	14.6%	28495
Palmer						0		0%	1.9%	\$51,846	10.3%	12157
Pelham						0		0%	0.2%	\$88,462	5.7%	1319
Plainfield						0		0%	0.1%	\$57,188	9.3%	650
Russell						0		0%	0.3%	\$68,750	2.1%	1789
South Hadley		1				1	\$8,204,752	5%	2.8%	\$62,803	9.2%	17740
Southampton			1			1	\$12,544,313	7%	1.0%	\$68,693	4.9%	5984
Southwick						0		0%	1.5%	\$81,967	2.9%	9634
Springfield					2	2	\$13,972,379	8%	24.5%	\$34,731	30.1%	153703
Tolland						0		0%	0.1%	\$85,750	7.9%	483
Wales						0		0%	0.3%	\$52,500	5.3%	1875
Ware						0		0%	1.6%	\$49,630	14.9%	9844
West Springfield						0		0%	4.6%	\$52,806	11.0%	28684

Westfield		1				1	\$9,311,270	5%	6.6%	\$60,845	10.9%	41301
Westhampton						0		0%	0.3%	\$79,583	5.2%	1603
Wilbraham						0		0%	2.3%	\$87,303	4.8%	14477
Williamsburg	1					1	\$14,969,700	8%	0.4%	\$65,147	10.2%	2466
Worthington						0		0%	0.2%	\$71,300	4.6%	1167
Hampden County	2	2	1	2	2	9	\$84,163,350	47%	74.5%	\$50,036	17.7%	467313
Hampshire County	2	2	2	2	0	8	\$95,113,065	53%	25.5%	\$61,460	13.9%	159596
PVMPO Region	4	4	3	4	2	17	\$179,276,415	100%	100.0%	\$ 52,108	16.6%	626909

Bold indicates communities that have a higher probability of requiring translation of documents into a language other than English. For additional information on the Language Access Plan (LAP) please refer to Chapter 4 page 56 ([Click Here](#))

Source: PVPC TIP

DEMOGRAPHIC AND ECONOMIC ANALYSIS

ASSESSMENT STRATEGIES

PVPC performed a demographic and economic analysis in order to quantify the benefits and burdens of the transportation investments and evaluate the impacts for different socio-economic groups. To accomplish this task PVPC worked with the JTC to establish measures of effectiveness that would reflect quantifiable transportation expenditures in the Region. These measures were used to evaluate capital expenditures in the Regional Transportation Plan and Transportation Improvement Program and to evaluate transit service. The evaluations provide a barometer of the distribution of resources and also assist decision-makers in achieving an equitable balance of in future years.

DISTRIBUTION ANALYSIS

PVPC conducted a distribution analysis on the transportation planning tasks completed as part of previous UPWP's this assessment process has previously been used on the Regional TIP and identifies how regional transportation improvement projects have potential impacted defined minority and low-income block groups in the region. The following demographic map (figure 1) displays an overlay of federally funded projects from the Transportation Improvement Program (TIP) to minority and low income census block groups. 2025 to 2029 TIP funding allocations were calculated for defined low income and minority populations. PVPC completed an inventory of projects included on the TIP and mapped these projects. GIS tools were used to determine the amount of transportation funds (including bridge projects) allocated to each population group and also compared these values to regional average allocations using census block group data. This analysis is also conducted the Regional Transportation Plan (RTP). PVPC is also working to conduct analysis on other Title VI protected classes. The TIP analysis is presented in Tables 13 and 14.

Table 11 Distribution of Projects in the TIP to Low Income Populations

	PVPC Total	Low Income Block Groups	Other Block Groups	% PVPC Total in <u>Low Income</u> Block Groups	% PVPC Total in Other Block Groups
Transportation Analysis Zones (Block Groups)	444	125	319	28.15%	71.85%
Population	628075	156165	471910	24.86%	75.14%
Minority Population	210365	115887	94478	55.09%	44.91%
Number of Projects	106	40	66	37.74%	62.26%
Projects not Funded	\$0.00	\$0.00	\$0.00		
Projects	\$1,203,738,910	\$819,946,189	\$383,792,721	68.12%	31.88%
Total Project Dollars per Capita	\$1,917	\$5,251	\$813		

Table 12 Distribution of Projects in the TIP to Minority Populations

	PVPC Total	Minority Block Groups	Other Block Groups	% PVPC Total in Minority Block Groups	% PVPC Total in Other Block Groups
Transportation Analysis Zones (Block Groups)	444	185	259	41.67%	58.33%
Population	628075	245037	383038	39.01%	60.99%
Minority Population	210365	161317	49048	76.68%	23.32%
Number of Projects	106	55	51	51.89%	48.11%
Projects not Funded	0	0	0		
Projects	\$1,203,738,910	\$917,093,522	\$286,645,388	76.19%	23.81%
Total Project Dollars per Capita	\$1,917	\$3,743	\$748		

A detailed map can be viewed [HERE](#)

IV. FEDERAL AID REGIONAL PROJECT LISTINGS

The following is a complete listing of the Pioneer Valley Federally Funded Transportation Improvement Projects for Fiscal Years 2026-2030. The Appendix also contains a complete project listing with the "Additional Information" field

ORGANIZATION OF PROJECT LISTINGS

Each project in the TIP contains the following information:

MassDOT Project ID - Project identification numbers given by the Massachusetts Highway Department.

MassDOT Project Description – Includes Town or city in which a project is located, and a description of work to be funded under the project.

MassDOT District – The MassDOT sub-Region where the project is located, for PVMPO projects will be in either District 1 or District 2.

Funding Source - The funding category from which funding is expected.

Total Programmed Funds - The total funding for the project under the specified funding source.

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

Non-Federal Funds - The amount of non-federal dollars allocated to the project.

Additional Information – Provides additional project information including design status, Transportation Evaluation Criteria (TEC) Score, and YOE Cost.

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

TEC Score – This score is based on criteria developed rank the regional significant of each eligible TIP project

Table 13 Summary of Programmed Projects Section 1 A Federal Aid Target Projects

Project in table 16 are listed to provide a quick summary of those projects the MPO selected to be funded with Regional Target Funds. The complete listing of approved projects funded in FFY 2026 – 2030 can be found in Tables 14-20.

Program	MassDOT Project ID	MPO	Municipality	MassDOT Project Description	District	Funding Source	Total Programmed Funds	Federal Funds	Non-Federal Funds
Federal Fiscal Year 2026									
Section 1A / Regionally Prioritized Projects							\$31,095,314	\$24,876,251	\$6,219,063
Roadway Reconstruction	607231	Pioneer Valley	Williamsburg	WILLIAMSBURG- RECONSTRUCTION OF MOUNTAIN STREET	1	STBG	\$5,000,000	\$4,000,000	\$1,000,000
Roadway Reconstruction	608881	Pioneer Valley	Longmeadow	LONGMEADOW- SPRINGFIELD- RESURFACING AND INTERSECTION IMPROVEMENTS ON LONGMEADOW STREET (ROUTE 5) AND CONVERSE STREET (0.84 MILES)	2	STBG	\$5,000,000	\$4,000,000	\$1,000,000
Roadway Reconstruction	608886	Pioneer Valley	Chesterfield	CHESTERFIELD- RECONSTRUCTION OF NORTH ROAD AND DAMON POND ROAD	1	STBG	\$6,290,549	\$5,032,439	\$1,258,110
Roadway Reconstruction	609061	Pioneer Valley	Chicopee	CHICOPEE- INTERSECTION IMPROVEMENTS AT MONTGOMERY STREET, GRANBY ROAD, AND MCKINSTRY AVENUE	2	STBG	\$12,804,765	\$10,243,812	\$2,560,953
Roadway Reconstruction	609286	Pioneer Valley	Northampton	NORTHAMPTON- DOWNTOWN COMPLETE STREETS CORRIDOR AND INTERSECTION IMPROVEMENTS ON MAIN STREET (ROUTE 9)	2	STBG	\$2,000,000	\$1,600,000	\$400,000
				STBG Programmed			\$31,095,314	\$24,876,251	\$6,219,063
				Total Programmed for Pioneer Valley Region Projects*			\$31,095,314	\$24,876,251	\$6,219,063
				Program Target for Pioneer Valley Region Projects			\$31,520,356	\$25,216,285	\$6,304,071
				Target Funds Available for Pioneer Valley Region Projects			\$425,042	\$340,034	\$85,008
Federal Fiscal Year 2027									
Section 1A / Regionally Prioritized Projects							\$38,300,446	\$30,640,357	\$7,660,089
Roadway Reconstruction	607231	Pioneer Valley	Williamsburg	WILLIAMSBURG- RECONSTRUCTION OF MOUNTAIN STREET	1	STBG	\$9,696,700	\$7,757,360	\$1,939,340
Roadway Reconstruction	608785	Pioneer Valley	South Hadley	SOUTH HADLEY- RECONSTRUCTION OF MAIN STREET, FROM THE CHICOPEE CITY LINE TO CANAL STREET (0.67 MILES)	2	STBG	\$8,204,752	\$6,563,802	\$1,640,950
Roadway Reconstruction	609286	Pioneer Valley	Northampton	NORTHAMPTON- DOWNTOWN COMPLETE STREETS CORRIDOR AND INTERSECTION IMPROVEMENTS ON MAIN STREET (ROUTE 9)	2	STBG	\$6,000,000	\$4,800,000	\$1,200,000
Non-Interstate Pavement	612265	Pioneer Valley	East Longmeadow	EAST LONGMEADOW- RESURFACING AND RELATED WORK ON NORTH MAIN STREET (ROUTE 83)	2	STBG	\$5,087,724	\$4,070,179	\$1,017,545
Roadway Reconstruction	612600	Pioneer Valley	Westfield	WESTFIELD- INTERSECTION IMPROVEMENTS AT SOUTHAMPTON ROAD (ROUTE 10/202), SERVISTAR INDUSTRIAL WAY AND BARNES AIRPORT DRIVE	2	STBG	\$9,311,270	\$7,449,016	\$1,862,254
				STBG Programmed			\$38,300,446	\$30,640,357	\$7,660,089
				Total Programmed for Pioneer Valley Region Projects*			\$38,300,446	\$30,640,357	\$7,660,089
				Program Target for Pioneer Valley Region Projects			\$38,399,206	\$30,719,365	\$7,679,841
				Target Funds Available for Pioneer Valley Region Projects			\$98,760	\$79,008	\$19,752

Table 14 Summary of Programmed Projects Section 1 A Federal Aid Target Projects (Continued)

Program	MassDOT ID	MPO	Municipality	MassDOT Project Description	District	Funding Source	Total Funds	Federal Funds	Non-Federal Funds
Federal Fiscal Year 2028									
Section 1A / Regionally Prioritized Projects							\$39,309,776	\$31,447,821	\$7,861,955
Roadway Reconstruction	608423	Pioneer Valley	Easthampton	EASTHAMPTON- IMPROVEMENTS AND RELATED WORK ON ROUTE 10, FROM WEST STREET TO THE NORTHAMPTON TOWN LINE	2	STBG	\$6,219,450	\$4,975,560	\$1,243,890
Roadway Reconstruction	609286	Pioneer Valley	Northampton	NORTHAMPTON- DOWNTOWN COMPLETE STREETS CORRIDOR AND INTERSECTION IMPROVEMENTS ON MAIN STREET (ROUTE 9)	2	STBG	\$18,314,479	\$14,651,583	\$3,662,896
Non-Interstate Pavement	612257	Pioneer Valley	Longmeadow	LONGMEADOW- RESURFACING AND RELATED WORK ON LONGMEADOW STREET (ROUTE 5) (PHASE 1)	2	STBG	\$5,771,534	\$4,617,227	\$1,154,307
Non-Interstate Pavement	612265	Pioneer Valley	East Longmeadow	EAST LONGMEADOW- RESURFACING AND RELATED WORK ON NORTH MAIN STREET (ROUTE 83)	2	STBG	\$4,100,000	\$3,280,000	\$820,000
Roadway Reconstruction	612780	Pioneer Valley	Southampton	SOUTHAMPTON- REHABILITATION/RECONSTRUCTION & RELATED WORK ON EAST STREET, FROM COLLEGE HIGHWAY (ROUTE 10) TO WHISPERING MEADOW LANE	2	STBG	\$4,904,313	\$3,923,450	\$980,863
				STBG Programmed			\$39,309,776	\$31,447,821	\$7,861,955
				Total Programmed for Pioneer Valley Region Projects*			\$39,309,776	\$31,447,821	\$7,861,955
				Program Target for Pioneer Valley Region Projects			\$39,927,211	\$31,941,769	\$7,985,442
				Target Funds Available for Pioneer Valley Region Projects			\$617,435	\$493,948	\$123,487
Federal Fiscal Year 2029									
Section 1A / Regionally Prioritized Projects							\$30,685,380	\$24,548,304	\$6,137,076
Non-Interstate Pavement	612257	Pioneer Valley	Longmeadow	LONGMEADOW- RESURFACING AND RELATED WORK ON LONGMEADOW STREET (ROUTE 5) (PHASE 1)	2	STBG	\$5,182,882	\$4,146,306	\$1,036,576
Roadway Reconstruction	612258	Pioneer Valley	Easthampton	EASTHAMPTON- DOWNTOWN COMPLETE STREETS IMPROVEMENTS ON MAIN AND NORTHAMPTON STREETS (ROUTE 10)	2	STBG	\$10,111,138	\$8,088,910	\$2,022,228
Roadway Reconstruction	612780	Pioneer Valley	Southampton	SOUTHAMPTON- REHABILITATION/RECONSTRUCTION & RELATED WORK ON EAST STREET, FROM COLLEGE HIGHWAY (ROUTE 10) TO WHISPERING MEADOW LANE	2	STBG	\$7,640,000	\$6,112,000	\$1,528,000
Roadway Reconstruction	612984	Pioneer Valley	Monson	MONSON- RESURFACING AND RELATED WORK ON MAIN STREET (ROUTE 32)	2	STBG	\$6,292,676	\$5,034,141	\$1,258,535
Safety Improvements	613320	Pioneer Valley	Holyoke	HOLYOKE- CORRIDOR IMPROVEMENTS ON HIGH AND MAPLE STREETS	2	STBG	\$8,000,000	\$6,400,000	\$1,600,000
Bicycle and Pedestrian	S13264	PVMPO		Valley Bike Share Phase 3		CMAQ	\$1,458,684	\$1,166,947	\$291,737
				CMAQ Programmed			\$1,458,684	\$1,166,947	\$291,737
				STBG Programmed			\$37,226,696	\$23,381,357	\$5,845,339
				Total Programmed for Pioneer Valley Region Projects*			\$38,685,380	\$24,548,304	\$6,137,076
				Program Target for Pioneer Valley Region Projects			\$39,629,701	\$31,703,761	\$7,925,940
				Target Funds Available for Pioneer Valley Region Projects			\$944,321	\$7,155,457	\$1,788,864

Table 14 Summary of Programmed Projects Section 1 A Federal Aid Target Projects (Continued)

Program	MassDOT Project ID	MPO	Municipality	MassDOT Project Description	District	Funding Source	Total Programmed Funds	Federal Funds	Non-Federal Funds
Federal Fiscal Year 2030									
Section 1A / Regionally Prioritized Projects							\$9,000,000	\$7,200,000	\$1,800,000
Roadway Reconstruction	610664	Pioneer Valley	Springfield	SPRINGFIELD- RECONSTRUCTION OF BIRNIE AVENUE AT GERENA SCHOOL PEDESTRIAN TUNNEL	2	STBG	\$4,877,857	\$3,902,286	\$975,571
Intersection Improvements	611964	Pioneer Valley	Springfield	SPRINGFIELD- INTERSECTION IMPROVEMENTS AT CAREW STREET AND DWIGHT STREET	2	STBG	\$9,094,522	\$7,275,618	\$1,818,904
Roadway Reconstruction	612258	Pioneer Valley	Easthampton	EASTHAMPTON- DOWNTOWN COMPLETE STREETS IMPROVEMENTS ON MAIN AND NORTHAMPTON STREETS (ROUTE 10)	2	STBG	\$9,000,000	\$7,200,000	\$1,800,000
Safety Improvements	613320	Pioneer Valley	Holyoke	HOLYOKE- CORRIDOR IMPROVEMENTS ON HIGH AND MAPLE STREETS	2	STBG	\$8,640,120	\$6,912,096	\$1,728,024
				STBG Programmed			\$31,612,499	\$25,289,999	\$6,322,500
				Total Programmed for Pioneer Valley Region Projects*			\$31,612,499	\$25,289,999	\$6,322,500
				Program Target for Pioneer Valley Region Projects			\$40,263,468	\$32,210,774	\$8,052,694
				Target Funds Available for Pioneer Valley Region Projects			\$8,650,969	\$6,920,775	\$1,730,194

Table 14 Federally Funded Projects Year 2026

Program	MassDOT Project ID	MPO	Municipality	MassDOT Project Description	District	Funding Source	Total Programmed Funds	Federal Funds	Non-Federal Funds
Federal Fiscal Year 2026									
Section 1A / Regionally Prioritized Projects							\$31,212,111	\$24,969,689	\$6,242,422
Roadway Reconstruction	607231	Pioneer Valley	Williamsburg	WILLIAMSBURG- RECONSTRUCTION OF MOUNTAIN STREET	1	STBG	\$5,000,000	\$4,000,000	\$1,000,000
Roadway Reconstruction	608881	Pioneer Valley	Longmeadow	LONGMEADOW- SPRINGFIELD- RESURFACING AND INTERSECTION IMPROVEMENTS ON LONGMEADOW STREET (ROUTE 5) AND CONVERSE STREET (0.84 MILES)	2	STBG	\$5,000,000	\$4,000,000	\$1,000,000
Roadway Reconstruction	608886	Pioneer Valley	Chesterfield	CHESTERFIELD- RECONSTRUCTION OF NORTH ROAD AND DAMON POND ROAD	1	STBG	\$6,290,549	\$5,032,439	\$1,258,110
Roadway Reconstruction	609061	Pioneer Valley	Chicopee	CHICOPEE- INTERSECTION IMPROVEMENTS AT MONTGOMERY STREET, GRANBY ROAD, AND MCKINSTRY AVENUE	2	STBG	\$12,921,562	\$10,337,250	\$2,584,312
Roadway Reconstruction	609286	Pioneer Valley	Northampton	NORTHAMPTON- DOWNTOWN COMPLETE STREETS CORRIDOR AND INTERSECTION IMPROVEMENTS ON MAIN STREET (ROUTE 9)	2	STBG	\$2,000,000	\$1,600,000	\$400,000
STBG Programmed							\$31,212,111	\$24,969,689	\$6,242,422
Total Programmed for Pioneer Valley Region Projects*							\$31,212,111	\$24,969,689	\$6,242,422
Program Target for Pioneer Valley Region Projects							\$31,520,356	\$25,216,285	\$6,304,071
Target Funds Available for Pioneer Valley Region Projects							\$308,245	\$246,596	\$61,649
Section 1B / Earmark or Discretionary Grant Funded Projects							\$648,000	\$648,000	\$0
Bicycle and Pedestrian	S12835	Pioneer Valley	Springfield	SPRINGFIELD- ARMORY SAFE ROUTES TO NATIONAL PARKS IMPROVEMENTS	2	FLAP	\$648,000	\$648,000	\$0

Table 17: Federally Funded Projects Year 2026 (Continued)

Section 2A / State Prioritized Reliability Projects							\$22,036,268	\$19,253,394	\$2,782,874
Non-Interstate Pavement	612109	Pioneer Valley	Multiple	CHICOPEE- SOUTH HADLEY- RESURFACING AND RELATED WORK ON ROUTE 33	2	NHPP	\$5,792,470	\$4,633,976	\$1,158,494
Safety Improvements	611953	Pioneer Valley	Multiple	SPRINGFIELD- CHICOPEE- GUIDE AND TRAFFIC SIGN REPLACEMENT ON A SECTION OF INTERSTATE 291	2	HSIP	\$887,740	\$798,966	\$88,774
Interstate Pavement	614009	Multiple	Multiple	DEERFIELD TO NORTHAMPTON- INTERSTATE PAVEMENT PRESERVATION ON I-91	2	NHPP-I	\$15,356,058	\$13,820,452	\$1,535,606
Section 2C / State Prioritized Expansion Projects							\$6,875,448	\$5,500,358	\$1,375,090
Bicycle and Pedestrian	610657	Pioneer Valley	Multiple	EASTHAMPTON- NORTHAMPTON- INSTALLATION OF A SHARED-USE PATH ALONG MOUNT TOM ROAD FROM THE MANHAN TRAIL TO ATWOOD DRIVE	2	CMAQ	\$6,875,448	\$5,500,358	\$1,375,090
Section 3A / Federal Aid Funded Planning/Adjustments/Pass-throughs							\$4,726,291	\$4,301,033	\$425,258
Railroad Crossings	S12988	Pioneer Valley	Multiple	WEST SPRINGFIELD- RAILROAD CROSSING ELIMINATION ON FRONT STREET (CROSSING NO. DOT525901A)	2	RRHE	\$2,600,000	\$2,600,000	\$0
Flex to FTA	S12996	Pioneer Valley		PVTA - Buy Replacement 35-ft Electric Buses (Carbon Reduction Program Funding)		CRP	\$2,126,291	\$1,701,033	\$425,258
Section 3A / Non-Federal Aid Funded							\$216,370,327	\$0	\$216,370,327
Bridge On-system NHS	612187	Pioneer Valley	Chicopee	CHICOPEE- BRIDGE REPLACEMENT, C-13-038, I-391 OVER (ST 116) CHICOPEE STREET	2	NGBP	\$148,581,581	\$0	\$148,581,581
Bridge On-system NHS	612176	Pioneer Valley	Huntington	HUNTINGTON- BRIDGE REPLACEMENT, H-27-008, ST 112 WORTHINGTON ROAD OVER WATER POND BROOK	1	NGBP	\$4,896,250	\$0	\$4,896,250
Bridge On-system NHS	609409	Pioneer Valley	Springfield	SPRINGFIELD- BRIDGE REPLACEMENT, S-24-016, ARMORY STREET OVER CSX MAINLINE & S-24-026, ARMORY STREET OVER ABANDONED CSX	2	NGBP	\$62,892,496	\$0	\$62,892,496

Table 15 Federally Funded Projects Year 2027

Program	MassDOT Project ID	MPO	Municipality	MassDOT Project Description	District	Funding Source	Total Programmed Funds	Federal Funds	Non-Federal Funds
Federal Fiscal Year 2027									
Section 1A / Regionally Prioritized Projects							\$38,300,446	\$30,640,357	\$7,660,089
Roadway Reconstruction	607231	Pioneer Valley	Williamsburg	WILLIAMSBURG- RECONSTRUCTION OF MOUNTAIN STREET	1	STBG	\$9,696,700	\$7,757,360	\$1,939,340
Roadway Reconstruction	608785	Pioneer Valley	South Hadley	SOUTH HADLEY- RECONSTRUCTION OF MAIN STREET, FROM THE CHICOPEE CITY LINE TO CANAL STREET (0.67 MILES)	2	STBG	\$8,204,752	\$6,563,802	\$1,640,950
Roadway Reconstruction	609286	Pioneer Valley	Northampton	NORTHAMPTON- DOWNTOWN COMPLETE STREETS CORRIDOR AND INTERSECTION IMPROVEMENTS ON MAIN STREET (ROUTE 9)	2	STBG	\$6,000,000	\$4,800,000	\$1,200,000
Non-Interstate Pavement	612265	Pioneer Valley	East Longmeadow	EAST LONGMEADOW- RESURFACING AND RELATED WORK ON NORTH MAIN STREET (ROUTE 83)	2	STBG	\$5,087,724	\$4,070,179	\$1,017,545
Roadway Reconstruction	612600	Pioneer Valley	Westfield	WESTFIELD- INTERSECTION IMPROVEMENTS AT SOUTHAMPTON ROAD (ROUTE 10/202), SERVISTAR INDUSTRIAL WAY AND BARNES AIRPORT DRIVE	2	STBG	\$9,311,270	\$7,449,016	\$1,862,254
STBG Programmed							\$38,300,446	\$30,640,357	\$7,660,089
Total Programmed for Pioneer Valley Region Projects*							\$38,300,446	\$30,640,357	\$7,660,089
Program Target for Pioneer Valley Region Projects							\$38,399,206	\$30,719,365	\$7,679,841
Target Funds Available for Pioneer Valley Region Projects							\$98,760	\$79,008	\$19,752
Section 1B / Earmark or Discretionary Grant Funded Projects							\$41,509,562	\$37,719,017	\$3,790,545
Bridge Off-System State NB	612495	Pioneer Valley	Springfield	SPRINGFIELD- BRIDGE REPLACEMENT, S-24-070, TAPLEY STREET OVER I-291 AND CSX	2	BROFF	\$18,642,799	\$18,642,799	\$0
Bridge Off-system Local NB	610779	Pioneer Valley	Hampden	HAMPDEN- BRIDGE REPLACEMENT, H-04-004, ROCKADUNDEE BRIDGE OVER SCANTIC RIVER	2	BROFF	\$3,914,040	\$3,914,040	\$0

Table 18: Federally Funded Projects Year 2027 (Continued)

Bridge Systematic Maintenance NB	612506	Multiple	Multiple	HATFIELD- WHATELY- BRIDGE PRESERVATION, H-11-030, W-33-019, W-33-020, ROUTES 5 & 10 OVER I-91 (SEPARATE CROSSINGS)	2	HIP-BR	\$18,952,723	\$15,162,178	\$3,790,545
Section 2A / State Prioritized Reliability Projects							\$10,539,500	\$8,485,550	\$2,053,950
Bridge On-system NHS	612494	Pioneer Valley	Multiple	SPRINGFIELD- WEST SPRINGFIELD- BRIDGE REPLACEMENT, S-24-003=W-21-002, (US-20) PARK AVENUE OVER CONNECTICUT RIVER	2	NHPP	\$10,000,000	\$8,000,000	\$2,000,000
Safety Improvements	612649	Pioneer Valley	Multiple	WEST SPRINGFIELD- AGAWAM- GUIDE AND TRAFFIC SIGN REPLACEMENT ON A SECTION OF US 5 AND ROUTE 57	2	HSIP	\$539,500	\$485,550	\$53,950
Section 2B / State Prioritized Modernization Projects							\$14,212,819	\$12,017,376	\$2,195,443
Intersection Improvements	611965	Pioneer Valley	Holyoke	HOLYOKE- INTERSECTION IMPROVEMENTS AT BEECH STREET, RESNIC BOULEVARD, AND WEST FRANKLIN STREET	2	HSIP	\$6,471,207	\$5,824,086	\$647,121
Safe Routes to School	612079	Pioneer Valley	Chicopee	CHICOPEE- HUGH SCOTT STREIBER ELEMENTARY SCHOOL IMPROVEMENTS (SRTS)	2	TAP	\$2,611,561	\$2,089,249	\$522,312
Roadway Reconstruction	608466	Pioneer Valley	Granby	GRANBY- RESURFACING AND RELATED WORK ON ROUTE 202 FROM KENDALL STREET TO SCHOOL STREET	2	NHPP	\$5,130,051	\$4,104,041	\$1,026,010
Section 3A / Federal Aid Funded Planning/Adjustments/Pass-throughs							\$4,288,069	\$3,950,455	\$337,614
Railroad Crossings	S12988	Pioneer Valley	Multiple	WEST SPRINGFIELD- RAILROAD CROSSING ELIMINATION ON FRONT STREET (CROSSING NO. DOT525901A)	2	RRHE	\$2,600,000	\$2,600,000	\$0
Flex to FTA	S12996	Pioneer Valley		PVTA - Buy Replacement 35-ft Electric Buses (Carbon Reduction Program Funding)		CRP	\$1,688,069	\$1,350,455	\$337,614

Table 18: Federally Funded Projects Year 2027 (Continued)

Section 3A / Non-Federal Aid Funded							\$185,887,278	\$0	\$185,887,278
Bridge On-system NHS	612494	Pioneer Valley	Multiple	SPRINGFIELD- WEST SPRINGFIELD- BRIDGE REPLACEMENT, S-24-003=W-21-002, (US-20) PARK AVENUE OVER CONNECTICUT RIVER	2	NGBP	\$1	\$0	\$1
Bridge On-system Non-NHS	612175	Pioneer Valley	Russell	RUSSELL- BRIDGE REPLACEMENT, R-13-004, BLANDFORD STAGE RD OVER STAGE BROOK	1	NGBP	\$2,269,488	\$0	\$2,269,488
Bridge On-system NHS	612160	Pioneer Valley	Multiple	MONSON- PALMER- BRIDGE REPLACEMENT, M-27-008=P-01-008, ROUTE 32 OVER QUABOAG RIVER	2	NGBP	\$9,658,277	\$0	\$9,658,277
Bridge On-system Non-NHS	612167	Pioneer Valley	Springfield	SPRINGFIELD- BRIDGE REPLACEMENT, S-24-017, ST. JAMES AVENUE OVER CSX & S-24-071, ST. JAMES AVENUE OVER I-291	2	NGBP	\$150,778,368	\$0	\$150,778,368
Bridge On-system Non-NHS	600935	Pioneer Valley	Holyoke	HOLYOKE- BRIDGE REPLACEMENTS, H-21-014, ROUTE 141 (APPLETON STREET) OVER SECOND LEVEL CANAL & H-21-020 OVER FIRST LEVEL CANAL	2	NGBP	\$23,181,144	\$0	\$23,181,144

Table 16: Federally Funded Projects 2028

Program	MassDOT Project ID	MPO	Municipality	MassDOT Project Description	District	Funding Source	Total Programmed Funds	Federal Funds	Non-Federal Funds
Federal Fiscal Year 2028									
Section 1A / Regionally Prioritized Projects							\$39,309,776	\$31,447,821	\$7,861,955
Roadway Reconstruction	608423	Pioneer Valley	Easthampton	EASTHAMPTON- IMPROVEMENTS AND RELATED WORK ON ROUTE 10, FROM WEST STREET TO THE NORTHAMPTON TOWN LINE	2	STBG	\$6,219,450	\$4,975,560	\$1,243,890
Roadway Reconstruction	609286	Pioneer Valley	Northampton	NORTHAMPTON- DOWNTOWN COMPLETE STREETS CORRIDOR AND INTERSECTION IMPROVEMENTS ON MAIN STREET (ROUTE 9)	2	STBG	\$18,314,479	\$14,651,583	\$3,662,896
Non-Interstate Pavement	612257	Pioneer Valley	Longmeadow	LONGMEADOW- RESURFACING AND RELATED WORK ON LONGMEADOW STREET (ROUTE 5) (PHASE 1)	2	STBG	\$5,771,534	\$4,617,227	\$1,154,307
Non-Interstate Pavement	612265	Pioneer Valley	East Longmeadow	EAST LONGMEADOW- RESURFACING AND RELATED WORK ON NORTH MAIN STREET (ROUTE 83)	2	STBG	\$4,100,000	\$3,280,000	\$820,000
Roadway Reconstruction	612780	Pioneer Valley	Southampton	SOUTHAMPTON- REHABILITATION/RECONSTRUCTION & RELATED WORK ON EAST STREET, FROM COLLEGE HIGHWAY (ROUTE 10) TO WHISPERING MEADOW LANE	2	STBG	\$4,904,313	\$3,923,450	\$980,863
STBG Programmed							\$39,309,776	\$31,447,821	\$7,861,955
Total Programmed for Pioneer Valley Region Projects*							\$39,309,776	\$31,447,821	\$7,861,955
Program Target for Pioneer Valley Region Projects							\$39,927,211	\$31,941,769	\$7,985,442
Target Funds Available for Pioneer Valley Region Projects							\$617,435	\$493,948	\$123,487

Table 19: Federally Funded Projects Year 2028 (Continued)

Section 1B / Earmark or Discretionary Grant Funded Projects							\$112,120,393	\$89,696,314	\$22,424,079
Bridge On-System NHS NB	612494	Pioneer Valley	Multiple	SPRINGFIELD- WEST SPRINGFIELD-BRIDGE REPLACEMENT, S-24-003=W-21-002, (US-20) PARK AVENUE OVER CONNECTICUT RIVER	2	HIP-BRRR	\$62,000,000	\$49,600,000	\$12,400,000
Bridge On-system Non-NHS NB	605340	Pioneer Valley	Springfield	SPRINGFIELD- BRIDGE REPLACEMENT, S-24-028, ST. JAMES AVENUE OVER CONRAIL RAILROAD (ABANDONED)	2	HIP-BR	\$10,378,249	\$8,302,599	\$2,075,650
Bridge Off-System State NB	609413	Pioneer Valley	Palmer	PALMER- BRIDGE REPLACEMENT, P-01-054, FLYNT STREET OVER I-90	2	BROFFS	\$6,568,312	\$5,254,650	\$1,313,662
Bridge Off-System State NB	613139	Pioneer Valley	Monson	MONSON- BRIDGE REPLACEMENT, M-27-026, STAFFORD HOLLOW ROAD OVER NECRR	2	BROFFS	\$5,295,478	\$4,236,382	\$1,059,096
Bridge On-system Non-NHS NB	607675	Pioneer Valley	Williamsburg	WILLIAMSBURG- BRIDGE REPLACEMENT, W-36-011 & W-36-017, BRIDGE STREET OVER THE MILL RIVER AND SOUTH MAIN STREET OVER THE MILL RIVER	1	HIP-BR	\$11,162,163	\$8,929,730	\$2,232,433
Bridge Systematic Maintenance NB	612506	Multiple	Multiple	HATFIELD- WHATELY- BRIDGE PRESERVATION, H-11-030, W-33-019, W-33-020, ROUTES 5 & 10 OVER I-91 (SEPARATE CROSSINGS)	2	HIP-BR	\$16,716,191	\$13,372,953	\$3,343,238
Section 2A / State Prioritized Reliability Projects							\$35,739,556	\$31,365,601	\$4,373,956
Bridge On-system NHS	612494	Pioneer Valley	Multiple	SPRINGFIELD- WEST SPRINGFIELD-BRIDGE REPLACEMENT, S-24-003=W-21-002, (US-20) PARK AVENUE OVER CONNECTICUT RIVER	2	NHPP	\$6,606,066	\$5,284,853	\$1,321,213
Bridge On-system NHS	612494	Pioneer Valley	Multiple	SPRINGFIELD- WEST SPRINGFIELD-BRIDGE REPLACEMENT, S-24-003=W-21-002, (US-20) PARK AVENUE OVER CONNECTICUT RIVER	2	NHPP-PEN	\$1,393,933	\$1,115,146	\$278,787
Interstate Pavement	613314	Pioneer Valley	Multiple	HOLYOKE- WEST SPRINGFIELD-INTERSTATE PAVEMENT PRESERVATION AND RELATED WORK ON I-91	2	NHPP-I	\$13,115,520	\$11,803,968	\$1,311,552

Table 19: Federally Funded Projects Year 2028 (Continued)

Interstate Pavement	613315	Pioneer Valley	Multiple	HOLYOKE- EASTHAMPTON- INTERSTATE PAVEMENT PRESERVATION AND RELATED WORK ON I-91	2	NHPP-I	\$14,624,037	\$13,161,633	\$1,462,404
Section 2B / State Prioritized Modernization Projects							\$5,455,603	\$4,364,482	\$1,091,121
Safe Routes to School	612772	Pioneer Valley	Easthampton	EASTHAMPTON- MOUNTAIN VIEW SCHOOL IMPROVEMENTS (SRTS)	2	TAP	\$1,779,603	\$1,423,682	\$355,921
Safe Routes to School	613397	Pioneer Valley	Southampton	SOUTHAMPTON- WILLIAM E. NORRIS ELEMENTARY SCHOOL IMPROVEMENTS (SRTS)	2	TAP	\$2,059,966	\$1,647,973	\$411,993
Safe Routes to School	613442	Pioneer Valley	Holyoke	HOLYOKE- H.B. LAWRENCE ELEMENTARY SCHOOL IMPROVEMENTS (SRTS)	2	TAP	\$1,616,034	\$1,292,827	\$323,207
Section 3A / Federal Aid Funded Planning/Adjustments/Pass-throughs							\$5,579,845	\$4,983,876	\$595,969
Railroad Crossings	S12988	Pioneer Valley	Multiple	WEST SPRINGFIELD- RAILROAD CROSSING ELIMINATION ON FRONT STREET (CROSSING NO. DOT525901A)	2	RRHE	\$2,600,000	\$2,600,000	\$0
Flex to FTA	S12996	Pioneer Valley		PVTA - Buy Replacement 35-ft Electric Buses (Carbon Reduction Program Funding)		CRP	\$2,979,845	\$2,383,876	\$595,969
Section 3A / Non-Federal Aid Funded							\$2	\$0	\$2
Bridge On-system Non-NHS	605340	Pioneer Valley	Springfield	SPRINGFIELD- BRIDGE REPLACEMENT, S-24-028, ST. JAMES AVENUE OVER CONRAIL RAILROAD (ABANDONED)	2	NGBP	\$1	\$0	\$1
Bridge On-system Non-NHS	607675	Pioneer Valley	Williamsburg	WILLIAMSBURG- BRIDGE REPLACEMENT, W-36-011 & W-36-017, BRIDGE STREET OVER THE MILL RIVER AND SOUTH MAIN STREET OVER THE MILL RIVER	1	NGBP	\$1	\$0	\$1

Table 17: Federally Funded Projects 2029

Program	MassDOT Project ID	MPO	Municipality	MassDOT Project Description	District	Funding Source	Total Programmed Funds	Federal Funds	Non-Federal Funds
Federal Fiscal Year 2029									
Section 1A / Regionally Prioritized Projects							\$38,685,380	\$30,948,304	\$7,737,076
Non-Interstate Pavement	612257	Pioneer Valley	Longmeadow	LONGMEADOW- RESURFACING AND RELATED WORK ON LONGMEADOW STREET (ROUTE 5) (PHASE 1)	2	STBG	\$5,182,882	\$4,146,306	\$1,036,576
Roadway Reconstruction	612258	Pioneer Valley	Easthampton	EASTHAMPTON- DOWNTOWN COMPLETE STREETS IMPROVEMENTS ON MAIN AND NORTHAMPTON STREETS (ROUTE 10)	2	STBG	\$10,111,138	\$8,088,910	\$2,022,228
Roadway Reconstruction	612780	Pioneer Valley	Southampton	SOUTHAMPTON- REHABILITATION/RECONSTRUCTION & RELATED WORK ON EAST STREET, FROM COLLEGE HIGHWAY (ROUTE 10) TO WHISPERING MEADOW LANE	2	STBG	\$7,640,000	\$6,112,000	\$1,528,000
Roadway Reconstruction	612984	Pioneer Valley	Monson	MONSON- RESURFACING AND RELATED WORK ON MAIN STREET (ROUTE 32)	2	STBG	\$6,292,676	\$5,034,141	\$1,258,535
Safety Improvements	613320	Pioneer Valley	Holyoke	HOLYOKE- CORRIDOR IMPROVEMENTS ON HIGH AND MAPLE STREETS	2	STBG	\$8,000,000	\$6,400,000	\$1,600,000
Bicycle and Pedestrian	S13264	Pioneer Valley		Valley Bike Share Phase 3		CMAQ	\$1,458,684	\$1,166,947	\$291,737
				CMAQ Programmed			\$1,458,684	\$1,166,947	\$291,737
				STBG Programmed			\$37,226,696	\$29,781,357	\$7,445,339
				Total Programmed for Pioneer Valley Region Projects*			\$38,685,380	\$30,948,304	\$7,737,076
				Program Target for Pioneer Valley Region Projects			\$39,629,701	\$31,703,761	\$7,925,940
				Target Funds Available for Pioneer Valley Region Projects			\$944,321	\$755,457	\$188,864
Section 1B / Earmark or Discretionary Grant Funded Projects							\$80,343,861	\$66,343,861	\$14,000,000
Bridge On-System NHS NB	612494	Pioneer Valley	Multiple	SPRINGFIELD- WEST SPRINGFIELD- BRIDGE REPLACEMENT, S-24-003=W-21-002, (US-20) PARK AVENUE OVER CONNECTICUT RIVER	2	HIP-BRRR	\$70,000,000	\$56,000,000	\$14,000,000
Bridge Off-system Local NB	613302	Pioneer Valley	Belchertown	BELCHERTOWN- BRIDGE REPLACEMENT, B-05-006 (OPE), BARDWELL STREET OVER JABISH BROOK	2	BROFF	\$10,343,861	\$10,343,861	\$0

Table 20: Federally Funded Projects Year 2029 (Continued)

Section 2A / State Prioritized Reliability Projects							\$102,012,293	\$81,609,834	\$20,402,459
Bridge On-system NHS	613119	Pioneer Valley	Multiple	LUDLOW- SPRINGFIELD- BRIDGE REPLACEMENT, L-16-008=S-24-002, ST 21 (LUDLOW AVENUE) OVER CHICOPEE RIVER	2	NHPP-PEN	\$55,501,987	\$44,401,590	\$11,100,397
Bridge On-system Non-NHS	613135	Pioneer Valley	Chicopee	CHICOPEE- SUPERSTRUCTURE REPLACEMENT OF C-13-003, ROUTE 116 OVER BMRR	2	NHPP	\$20,794,631	\$16,635,705	\$4,158,926
Non-Interstate Pavement	608489	Pioneer Valley	Wilbraham	WILBRAHAM- RESURFACING AND RELATED WORK ON ROUTE 20	2	NHPP	\$25,715,675	\$20,572,540	\$5,143,135
Section 2B / State Prioritized Modernization Projects							\$1,412,927	\$1,130,342	\$282,585
Safe Routes to School	613515	Pioneer Valley	Springfield	SPRINGFIELD- SAMUEL BOWLES ELEMENTARY SCHOOL IMPROVEMENTS (SRTS)	2	TAP	\$1,412,927	\$1,130,342	\$282,585
Section 2C / State Prioritized Expansion Projects							\$17,629,257	\$14,103,406	\$3,525,851
Bicycle and Pedestrian	613484	Pioneer Valley	Southampton	SOUTHAMPTON- GREENWAY RAIL TRAIL CONSTRUCTION, FROM COLEMAN ROAD TO ROUTE 10	2	CMAQ	\$17,629,257	\$14,103,406	\$3,525,851
Section 3A / Federal Aid Funded Planning/Adjustments/Pass-throughs							\$8,846,750	\$7,597,400	\$1,249,350
Railroad Crossings	S12988	Pioneer Valley	Multiple	WEST SPRINGFIELD- RAILROAD CROSSING ELIMINATION ON FRONT STREET (CROSSING NO. DOT525901A)	2	RRHE	\$2,600,000	\$2,600,000	\$0
Flex to FTA	S12996	Pioneer Valley		PVTA - Buy Replacement 35-ft Electric Buses (Carbon Reduction Program Funding)		CRP	\$6,246,750	\$4,997,400	\$1,249,350

Table 18: Federally Funded Projects Year 2030

Program	MassDOT Project ID	MPO	Municipality	MassDOT Project Description	District	Funding Source	Total Programmed Funds	Federal Funds	Non-Federal Funds
Federal Fiscal Year 2030									
Section 1A / Regionally Prioritized Projects							\$31,612,499	\$25,289,999	\$6,322,500
Roadway Reconstruction	610664	Pioneer Valley	Springfield	SPRINGFIELD- RECONSTRUCTION OF BIRNIE AVENUE AT GERENA SCHOOL PEDESTRIAN TUNNEL	2	STBG	\$4,877,857	\$3,902,286	\$975,571
Intersection Improvements	611964	Pioneer Valley	Springfield	SPRINGFIELD- INTERSECTION IMPROVEMENTS AT CAREW STREET AND DWIGHT STREET	2	STBG	\$9,094,522	\$7,275,618	\$1,818,904
Roadway Reconstruction	612258	Pioneer Valley	Easthampton	EASTHAMPTON- DOWNTOWN COMPLETE STREETS IMPROVEMENTS ON MAIN AND NORTHAMPTON STREETS (ROUTE 10)	2	STBG	\$9,000,000	\$7,200,000	\$1,800,000
Safety Improvements	613320	Pioneer Valley	Holyoke	HOLYOKE- CORRIDOR IMPROVEMENTS ON HIGH AND MAPLE STREETS	2	STBG	\$8,640,120	\$6,912,096	\$1,728,024
STBG Programmed							\$31,612,499	\$25,289,999	\$6,322,500
Total Programmed for Pioneer Valley Region Projects*							\$31,612,499	\$25,289,999	\$6,322,500
Program Target for Pioneer Valley Region Projects							\$40,263,468	\$32,210,774	\$8,052,694
Target Funds Available for Pioneer Valley Region Projects							\$8,650,969	\$6,920,775	\$1,730,194
Section 2A / State Prioritized Reliability Projects							\$94,601,996	\$75,681,597	\$18,920,399
Bridge On-system NHS	612494	Pioneer Valley	Multiple	SPRINGFIELD- WEST SPRINGFIELD- BRIDGE REPLACEMENT, S-24-003=W-21-002, (US-20) PARK AVENUE OVER CONNECTICUT RIVER	2	NHPP-PEN	\$70,000,000	\$56,000,000	\$14,000,000
Bridge On-system NHS	613119	Pioneer Valley	Multiple	LUDLOW- SPRINGFIELD- BRIDGE REPLACEMENT, L-16-008=S-24-002, ST 21 (LUDLOW AVENUE) OVER CHICOPEE RIVER	2	NHPP	\$18,125,684	\$14,500,547	\$3,625,137
Bridge On-system NHS	613119	Pioneer Valley	Multiple	LUDLOW- SPRINGFIELD- BRIDGE REPLACEMENT, L-16-008=S-24-002, ST 21 (LUDLOW AVENUE) OVER CHICOPEE RIVER	2	NHPP-PEN	\$3,874,316	\$3,099,453	\$774,863
Highway Resiliency Improvement Program	613651	Pioneer Valley	Blandford	BLANDFORD- CULVERT REPLACEMENT, B-14-028, ROUTE 23 OVER POND BROOK	1	PRCT	\$2,601,996	\$2,081,597	\$520,399

Table 21: Federally Funded Projects Year 2030 (Continued)

Section 2B / State Prioritized Modernization Projects							\$5,000,000	\$4,000,000	\$1,000,000
Roadway Reconstruction	608787	Pioneer Valley	Williamsburg	WILLIAMSBURG- CONSTRUCTION OF THE "MILL RIVER GREENWAY" SHARED USE PATH	1	NHPP	\$5,000,000	\$4,000,000	\$1,000,000
Section 2C / State Prioritized Expansion Projects							\$6,423,790	\$5,139,032	\$1,284,758
Bicycle and Pedestrian	612245	Pioneer Valley	Belchertown	BELCHERTOWN- MASS CENTRAL RAIL TRAIL (MCRT, SECTION 1C)	2	CMAQ	\$6,423,790	\$5,139,032	\$1,284,758
Section 3A / Federal Aid Funded Planning/Adjustments/Pass-throughs							\$10,000,000	\$10,000,000	\$0
Railroad Crossings	S12988	Pioneer Valley	Multiple	WEST SPRINGFIELD- RAILROAD CROSSING ELIMINATION ON FRONT STREET (CROSSING NO. DOT525901A)	2	RRHE	\$10,000,000	\$10,000,000	\$0
Pioneer Valley Region Total Program Summary							\$1,171,380,047	\$631,187,098	\$540,192,949

Table 19: Universe of Projects and TEC Scores

2026-2030	Municipality	SID	Project Name and Description	Design	TEC Score	Rank	FFY 2025 Cost	Jurisdiction
2025	HOLYOKE	609065	HOLYOKE- RESURFACING AND RELATED WORK ON CABOT STREET AND RACE STREET (CENTER CITY CONNECTOR)	PS&E	56.5	4	\$9,225,500	Municipal
2026	CHICOPEE	609061	CHICOPEE - INTERSECTION RECONSTRUCTION, MONTGOMERY ROAD AT GRANBY ROAD AND MCKINSTRY AVENUE, AND MONTGOMERY ROAD AT TURNPIKE ACCESS ROAD	PS&E	56.0	5	\$12,804,765	Municipal
AC 2025 / 2026	LONGMEADOW / SPRINGFIELD	608881	RESURFACING AND INTERSECTION IMPROVEMENTS ON LONGMEADOW STREET (ROUTE 5) AND CONVERSE STREET (0.84 MILES)	100	53.5	8	\$13,875,954	Municipal
2025/2026	CHESTERFIELD	608886	RECONSTRUCTION OF NORTH ROAD AND DAMON POND ROAD	100	20.5	26	\$11,290,549	Municipal
2026/2027/2028	NORTHAMPTON	609286	NORTHAMPTON- DOWNTOWN COMPLETE STREETS CORRIDOR AND INTERSECTION IMPROVEMENTS ON MAIN STREET (ROUTE 9)	75	75.5	1	\$26,314,479	Municipal
2025/2026	CHICOPEE / SOUTH HADLEY	612109	CHICOPEE- RESURFACING AND RELATED WORK ON ROUTE 33	75	34.5	17	\$16,103,260	MassDOT
AC 2026 / 2027	WILLIAMSBURG	607231	RECONSTRUCTION OF MOUNTAIN STREET	75	33.5	18	\$13,076,539	Municipal
2027 SW	HOLYOKE	611965	HOLYOKE- INTERSECTION IMPROVEMENTS AT BEECH STREET, RESNIC BOULEVARD, AND WEST FRANKLIN STREET	25	58.5	3	\$6,222,315	MassDOT
A/C 2028 / 2029	LONGMEADOW	612257	LONGMEADOW- RESURFACING AND RELATED WORK ON LONGMEADOW STREET (ROUTE 5) (PHASE 1)	25	43.0	12	\$10,142,978	Municipal
2027	WESTFIELD	612600	WESTFIELD- INTERSECTION IMPROVEMENTS AT SOUTHAMPTON ROAD (ROUTE 10/202), SERVISTAR INDUSTRIAL WAY AND BARNES AIRPORT DRIVE	25	43.0	12	\$8,953,144	MassDOT

Table 20: Universe of Projects and TEC Scores (Continued)

2028	SOUTHAMPTON	612780	SOUTHAMPTON- REHABILITATION/RECONSTRUCTION & RELATED WORK ON EAST STREET, FROM COLLEGE HIGHWAY (ROUTE 10) TO WHISPERING MEADOW LANE	25	38.0	13	\$12,214,805	Municipal
2027	SOUTH HADLEY	608785	SOUTH HADLEY- RECONSTRUCTION OF MAIN STREET FROM THE CHICOPEE CITY LINE TO CANAL STREET (0.67 MILES)	25	37.5	14	\$7,889,185	Municipal
2030	SPRINGFIELD	610664	SPRINGFIELD- RECONSTRUCTION OF BIRNIE AVENUE AT GERENA SCHOOL PEDESTRIAN TUNNEL (Total Project Cost \$2+ million, City to cover remaining balance)	25	36.0	16	\$4,548,181	Municipal
Removed	WESTFIELD	608487	WESTFIELD- RESURFACING AND RELATED WORK ON ROUTE 10 AND 202	25	31.5	20	\$10,010,041	MassDOT
2027 SW	GRANBY	608466	GRANBY- RESURFACING AND RELATED WORK ON ROUTE 202 FROM KENDALL STREET TO SCHOOL STREET	25	21.5	25	\$5,770,610	MassDOT
2029 SW	WILBRAHAM	608489	WILBRAHAM- RESURFACING AND RELATED WORK ON ROUTE 20	25	NA	NA	\$23,878,841	MassDOT
AC 2029 / 2030	HOLYOKE	61332	0 CORRIDOR IMPROVEMENTS ON HIGH AND MAPLE STREETS	0	68	2	\$16,069,601	MassDOT / Municipal
New	Westfield	613879	WESTFIELD- ROADWAY RECONSTRUCTION ON ROUTE 10/202 NEAR I-90 (INTERCHANGE 41)	0	55	6	\$20,800,150	MassDOT
2028	EASTHAMPTON	608423	EASTHAMPTON- IMPROVEMENTS AND RELATED WORK ON ROUTE 10, FROM WEST STREET TO THE NORTHAMPTON TOWN LINE	0	54.0	7	\$8,865,331	MassDOT
Removed	SPRINGFIELD	611963	SPRINGFIELD- INTERSECTION AND SAFETY IMPROVEMENTS AT ARMORY CIRCLE	0	52.5	9	\$7,123,737	MassDOT
AC 2029 / 2030	EASTHAMPTON	612258	EASTHAMPTON- DOWNTOWN COMPLETE STREETS IMPROVEMENTS ON MAIN AND NORTHAMPTON STREETS (ROUTE 10)	0	50.5	10	\$16,317,082	Municipal

Table 20: Universe of Projects and TEC Scores (Continued)

2027	EAST LONGMEADOW	612265	EAST LONGMEADOW- RESURFACING AND RELATED WORK ON NORTH MAIN STREET (ROUTE 83)	0	48.0	11	\$10,748,338	Municipal
2029	MONSON	612984	RESURFACING AND RELATED WORK ON MAIN STREET (ROUTE 32)	0	34.5	17	\$6,320,004	Municipal
2030	SPRINGFIELD	611964	SPRINGFIELD- INTERSECTION IMPROVEMENTS AT CAREW STREET AND DWIGHT STREET	0	33.5	18	\$9,171,814	MassDOT
New	East Longmeadow	613869	EAST LONGMEADOW- RECONSTRUCTION ON NORTH MAIN STREET (ROUTE 83) (PHASE II)	0	32	19	\$14,861,450	Municipal
	BELCHERTOWN	612264	BELCHERTOWN- RESURFACING AND RELATED WORK ON MAIN STREET AND NORTH MAIN STREET (ROUTE 202)	0	24.0	23	\$10,239,869	Municipal
	GOSHEN	613046	GOSHEN - RECONSTRUCTION OF ROUTE 9	0	23.0	24	\$9,705,000	MassDOT D1
	BELCHERTOWN	612090	BELCHERTOWN- RESURFACING AND RELATED WORK ON ROUTE 9	0	NA	NA	\$0	MassDOT
	SOUTHWICK	604155	SOUTHWICK- RESURFACING & RELATED WORK ON ROUTE 10/202, COLLEGE HIGHWAY (NORTHERLY SECTION) FROM THE WESTFIELD T.L. TO TANNERY ROAD (1.33 MILES)	0	NA	NA	\$0	MassDOT
Total Estimated Cost (29 Projects)							\$322,543,522	
Total Estimated Cost (6 SRTS projects)							\$11,304,080	
Total Estimated Cost (7 BPCS projects)							\$93,780,427	
Total all (42 Projects)							\$427,628,029	

Table 20: Universe of Projects and TEC Scores – Bicycle and Pedestrian Projects

2026-2030	Municipality	SID	Project Name and Description	Design	TEC Score	Rank	Estimated Cost	Jurisdiction
2028	EASTHAMPTON	612772	EASTHAMPTON- MOUNTAIN VIEW SCHOOL IMPROVEMENTS (SRTS)	0	NA	NA	\$1,853,530	Municipal
2027	CHICOPEE	612079	CHICOPEE- HUGH SCOTT STREIBER ELEMENTARY SCHOOL IMPROVEMENTS (SRTS)	25	NA	NA	\$2,611,561	Municipal
2028	HOLYOKE	613442	HOLYOKE- H.B. LAWRENCE ELEMENTARY SCHOOL IMPROVEMENTS (SRTS)	0	NA	NA	\$1,618,428	Municipal
2028	SOUTHAMPTON	613397	SOUTHAMPTON- WILLIAM E. NORRIS ELEMENTARY SCHOOL IMPROVEMENTS (SRTS)	0	NA	NA	\$2,059,966	Municipal
	SPRINGFIELD	612080	SPRINGFIELD- REBECCA M. JOHNSON ELEMENTARY SCHOOL IMPROVEMENTS (SRTS)	100	NA	NA	\$1,097,362	Municipal
2029	SPRINGFIELD	613515	SPRINGFIELD- SAMUEL BOWLES ELEMENTARY SCHOOL IMPROVEMENTS (SRTS)	0	NA	NA	\$1,364,483	Municipal
2026	SPRINGFIELD	S12835	SPRINGFIELD- ARMORY SAFE ROUTES TO NATIONAL PARKS IMPROVEMENTS	0	NA	NA	\$698,750	Municipal
Total Estimated Cost (6 SRTS projects)							\$11,304,080	

Table 20: Universe of Projects and TEC Scores – Bicycle and Pedestrian Projects (continued)

2026-2030	Municipality	SID	Project Name and Description	Design	TEC Score	Rank	Estimated Cost	Jurisdiction
2026 SW	EASTHAMPTON	610657	EASTHAMPTON- NORTHAMPTON- INSTALLATION OF A SHARED-USE PATH ALONG MOUNT TOM ROAD FROM THE MANHAN TRAIL TO ATWOOD DRIVE	100	29	22	\$7,436,485	MassDOT
	WESTFIELD	610536	WESTFIELD- PEDESTRIAN AND BICYCLE IMPROVEMENTS ON MAIN STREET (ROUTE 20)	25	29.0	22	\$3,867,331	MassDOT
	Hatfield / Northampton	613658	HATFIELD- NORTHAMPTON- BICYCLE AND PEDESTRIAN IMPROVEMENTS ON ROUTE 5/10, INCLUDES BRIDGE REPLACEMENT, H-11-007, WEST STREET (ROUTE 5/10) OVER GUTTER BROOK	0	37	15	\$20,600,000	MassDOT D2
2030 SW	BELCHERTOWN	612245	BELCHERTOWN- MASS CENTRAL RAIL TRAIL (MCRT, SECTION 1C)	0	31.5	20	\$6,737,519	Municipal
2030 SW	WILLIAMSBURG	608787	WILLIAMSBURG- CONSTRUCTION OF THE "MILL RIVER GREENWAY" SHARED USE PATH	0	30.5	21	\$37,940,000	Municipal
2029 SW	SOUTHAMPTON	613484	SOUTHAMPTON- GREENWAY RAIL TRAIL CONSTRUCTION, FROM COLEMAN ROAD TO ROUTE 10 (3.5 MILES)	0	19.5	27	\$15,740,408	Municipal
2029	Multiple	S13320	Valley bike Share Phase 3 - Needs to be re-scoped	NA	NA	NA	\$1,458,684	Municipal
Total Estimated Cost (6 BPCS projects)							\$93,780,427	

Projects listed in the Universe of Projects but not programmed in the TIP are shown for informational purposes. If additional funds become available unprogrammed projects from this list could be added, if the selected project would be ready for advertisement in that program year

V. Transit Project Listing for FFY 2026-2030

The following is a complete listing of programmed transit projects for FFY 2026-2030

Table 20 FFY 2026 Transit Project Information

Program	MassDOT Project ID	RTA	Municipality	MassDOT Project Description	Funding Source	Total Programmed Funds	Federal Funds	State Funds	Other Funds
Federal Fiscal Year 2026									
Operating	RTD0010915	PVTA		Pioneer Valley Transit Authority - ADA Operating Assistance	5307	\$982,638	\$982,638		
Operating	RTD0010915	PVTA		Pioneer Valley Transit Authority - ADA Operating Assistance	SCA	\$245,660		\$245,660	
Operating	RTD0010933	PVTA		Pioneer Valley Transit Authority - PREVENTIVE MAINTENANCE	5307	\$3,350,662	\$3,350,662		
Operating	RTD0010933	PVTA		Pioneer Valley Transit Authority - PREVENTIVE MAINTENANCE	SCA	\$837,666		\$837,666	
Operating	RTD0010951	PVTA		Pioneer Valley Transit Authority - PREVENTIVE MAINTENANCE - State of Good Repair for all transit garages	5307	\$20,000	\$20,000		
Operating	RTD0010951	PVTA		Pioneer Valley Transit Authority - PREVENTIVE MAINTENANCE - State of Good Repair for all transit garages	SCA	\$5,000		\$5,000	
Operating	RTD0010955	PVTA		Pioneer Valley Transit Authority - SHORT RANGE TRANSIT PLANNING	5307	\$212,000	\$212,000		
Operating	RTD0010955	PVTA		Pioneer Valley Transit Authority - SHORT RANGE TRANSIT PLANNING	SCA	\$53,000		\$53,000	
RTA Facility & System Modernization	RTD0010928	PVTA		Pioneer Valley Transit Authority - REHAB/RENOVATE - Main St. MAINTENANCE FACILITY - Main St Paratransit O&M Renovate Office	5307	\$556,800	\$556,800		
RTA Facility & System Modernization	RTD0010928	PVTA		Pioneer Valley Transit Authority - REHAB/RENOVATE - Main St. MAINTENANCE FACILITY - Main St Paratransit O&M Renovate Office	RTACAP	\$139,200		\$139,200	
RTA Facility & System Modernization	RTD0010973	PVTA	Northampton	Pioneer Valley Transit Authority - REHAB/RENOVATE - Northampton MAINTENANCE FACILITY - Noho EV Bus Charging Stations Installations	5307	\$96,000	\$96,000		
RTA Facility & System Modernization	RTD0010973	PVTA	Northampton	Pioneer Valley Transit Authority - REHAB/RENOVATE - Northampton MAINTENANCE FACILITY - Noho EV Bus Charging Stations Installations	RTACAP	\$24,000		\$24,000	
RTA Facility & System Modernization	RTD0011399	PVTA	Springfield	Pioneer Valley Transit Authority - REHAB/RENOVATE - MAINTENANCE FACILITY - Springfield O&M Facility at Cottage St. Electric Bus Chargers Expansion and Upgrades Phase I and Phase II	RTACAP	\$4,038,000		\$4,038,000	

Table 23 FFY 2026 Transit Project Information (Continued)

RTA Facility & Vehicle Maintenance	PVTA011786	PVTA		Pioneer Valley Transit Authority - UMass Bus Maintenance Facility Upgrades - Overhead door rebuild replacement; upgrade building walkway and LED lights to parking areas, upgrade facility restrooms and office space, expand EV charging capabilities, upgrade facility electrical system to code.	5307	\$224,000	\$224,000		
RTA Facility & Vehicle Maintenance	PVTA011786	PVTA		Pioneer Valley Transit Authority - UMass Bus Maintenance Facility Upgrades - Overhead door rebuild replacement; upgrade building walkway and LED lights to parking areas, upgrade facility restrooms and office space, expand EV charging capabilities, upgrade facility electrical system to code.	RTACAP	\$56,000		\$56,000	
RTA Facility & Vehicle Maintenance	PVTA011793	PVTA		Pioneer Valley Transit Authority - REHAB/RENOVATE - Cottage St. MAINTENANCE FACILITY - Replace high bay fixture lighting, Sealcoat Asphalt Parking lot	5307	\$32,000	\$32,000		
RTA Facility & Vehicle Maintenance	PVTA011793	PVTA		Pioneer Valley Transit Authority - REHAB/RENOVATE - Cottage St. MAINTENANCE FACILITY - Replace high bay fixture lighting, Sealcoat Asphalt Parking lot	RTACAP	\$8,000		\$8,000	
RTA Facility & Vehicle Maintenance	RTD0009860	PVTA		Pioneer Valley Transit Authority - Environmental Compliance for all facilities.	5307	\$32,000	\$32,000		
RTA Facility & Vehicle Maintenance	RTD0009860	PVTA		Pioneer Valley Transit Authority - Environmental Compliance for all facilities.	RTACAP	\$8,000		\$8,000	
RTA Facility & Vehicle Maintenance	RTD0010907	PVTA		Pioneer Valley Transit Authority - PURCHASE BUS SHELTERS	5307	\$40,000	\$40,000		
RTA Facility & Vehicle Maintenance	RTD0010907	PVTA		Pioneer Valley Transit Authority - PURCHASE BUS SHELTERS	RTACAP	\$10,000		\$10,000	
RTA Facility & Vehicle Maintenance	RTD0010908	PVTA		Pioneer Valley Transit Authority - Signage and Lighting	5307	\$20,000	\$20,000		
RTA Facility & Vehicle Maintenance	RTD0010908	PVTA		Pioneer Valley Transit Authority - Signage and Lighting	RTACAP	\$5,000		\$5,000	
RTA Facility & Vehicle Maintenance	RTD0010909	PVTA		Pioneer Valley Transit Authority - Bike access Equipment	5307	\$11,200	\$11,200		
RTA Facility & Vehicle Maintenance	RTD0010909	PVTA		Pioneer Valley Transit Authority - Bike access Equipment	RTACAP	\$2,800		\$2,800	
RTA Facility & Vehicle Maintenance	RTD0010910	PVTA		Pioneer Valley Transit Authority - Information Technology Systems	5307	\$1,865,925	\$1,865,925		
RTA Facility & Vehicle Maintenance	RTD0010910	PVTA		Pioneer Valley Transit Authority - Information Technology Systems	RTACAP	\$1,865,925		\$1,865,925	
RTA Facility & Vehicle Maintenance	RTD0010911	PVTA		Pioneer Valley Transit Authority - Rehab Northampton Maintenance Facility, Year 3, 4 and 5	5307	\$1,024,000	\$1,024,000		
RTA Facility & Vehicle Maintenance	RTD0010911	PVTA		Pioneer Valley Transit Authority - Rehab Northampton Maintenance Facility, Year 3, 4 and 5	RTACAP	\$256,000		\$256,000	

Table 23 FFY 2026 Transit Project Information (Continued)

RTA Facility & Vehicle Maintenance	RTD0010912	PVTA	Amherst	Pioneer Valley Transit Authority - Umass Bus Maintenance Facility - Upgrade Bus Bay Lateral Expansion	RTACAP	\$180,000		\$180,000	
RTA Facility & Vehicle Maintenance	RTD0010914	PVTA		Pioneer Valley Transit Authority - Purchase Shop Equipment - All Garages	5307	\$140,000	\$140,000		
RTA Facility & Vehicle Maintenance	RTD0010914	PVTA		Pioneer Valley Transit Authority - Purchase Shop Equipment - All Garages	RTACAP	\$35,000		\$35,000	
RTA Fleet Upgrades	PVTA011781	PVTA	Multiple	Pioneer Valley Transit Authority Replacement of Articulated 60' Transit Buses and the replacement of two 40' with 60' buses	5307	\$903,282	\$903,282		
RTA Fleet Upgrades	PVTA011781	PVTA	Multiple	Pioneer Valley Transit Authority Replacement of Articulated 60' Transit Buses and the replacement of two 40' with 60' buses	OF	\$42,000	\$42,000		
RTA Fleet Upgrades	PVTA011781	PVTA	Multiple	Pioneer Valley Transit Authority Replacement of Articulated 60' Transit Buses and the replacement of two 40' with 60' buses	RTACAP	\$236,320		\$236,320	
RTA Fleet Upgrades	RTD0011374	PVTA		Pioneer Valley Transit Authority BUY REPLACEMENT 40-FT Electric BUS	5307	\$2,092,302	\$2,092,302		
RTA Fleet Upgrades	RTD0011374	PVTA		Pioneer Valley Transit Authority BUY REPLACEMENT 40-FT Electric BUS	OF	\$84,000	\$84,000		
RTA Fleet Upgrades	RTD0011374	PVTA		Pioneer Valley Transit Authority BUY REPLACEMENT 40-FT Electric BUS	RTACAP	\$523,076		\$523,076	
RTA Vehicle Replacement	PVTA012007	PVTA		Pioneer Valley Transit Authority - BUY REPLACEMENT 35-FT Hybrid BUS	5307	\$3,267,174	\$3,267,174		
RTA Vehicle Replacement	PVTA012007	PVTA		Pioneer Valley Transit Authority - BUY REPLACEMENT 35-FT Hybrid BUS	OF	\$168,000	\$168,000		
RTA Vehicle Replacement	PVTA012007	PVTA		Pioneer Valley Transit Authority - BUY REPLACEMENT 35-FT Hybrid BUS	RTACAP	\$816,793		\$816,793	
RTA Vehicle Replacement	RTD0008781	PVTA		Pioneer Valley Transit Authority - Paratransit Vans -10-14 Passenger vehicles for replacement	RTACAP	\$478,996		\$478,996	
RTA Vehicle Replacement	RTD0010244	PVTA		Pioneer Valley Transit Authority - BUY REPLACEMENT 40-FT Hybrid BUS	5307	\$2,740,884	\$2,740,884		
RTA Vehicle Replacement	RTD0010244	PVTA		Pioneer Valley Transit Authority - BUY REPLACEMENT 40-FT Hybrid BUS	5339	\$691,462	\$691,462		

Table 23 FFY 2026 Transit Project Information (Continued)

RTA Vehicle Replacement	RTD0010244	PVTA		Pioneer Valley Transit Authority - BUY REPLACEMENT 40-FT Hybrid BUS	OF	\$168,000	\$168,000		
RTA Vehicle Replacement	RTD0010244	PVTA		Pioneer Valley Transit Authority - BUY REPLACEMENT 40-FT Hybrid BUS	RTACAP	\$727,221		\$727,221	
RTA Vehicle Replacement	RTD0010948	PVTA		Pioneer Valley Transit Authority - BUY REPLACEMENT <30 FT BUS Type D Shuttle Bus	5307	\$239,242	\$239,242		
RTA Vehicle Replacement	RTD0010948	PVTA		Pioneer Valley Transit Authority - BUY REPLACEMENT <30 FT BUS Type D Shuttle Bus	RTACAP	\$59,811		\$59,811	
RTA Vehicle Replacement	RTD0010949	PVTA		Pioneer Valley Transit Authority - ACQUIRE - SUPPORT VEHICLES (3)	5307	\$85,526	\$85,526		
RTA Vehicle Replacement	RTD0010949	PVTA		Pioneer Valley Transit Authority - ACQUIRE - SUPPORT VEHICLES (3)	RTACAP	\$21,381		\$21,381	
RTA Vehicle Replacement	RTD0010959	PVTA		Pioneer Valley Transit Authority - ACQUIRE - Supervisory VEHICLES	5307	\$119,315	\$119,315		
RTA Vehicle Replacement	RTD0010959	PVTA		Pioneer Valley Transit Authority - ACQUIRE - Supervisory VEHICLES	RTACAP	\$29,829		\$29,829	
					5307 Programmed	\$18,054,950	\$18,054,950		
					5339 Programmed	\$691,462	\$691,462		
					OF Programmed	\$462,000	\$462,000		
					RTACAP Programmed	\$9,521,352		\$9,521,352	
					SCA Programmed	\$1,141,326		\$1,141,326	
					Total Programmed for Pioneer Valley Transit Authority Projects	\$29,871,090	\$19,208,412	\$10,662,678	

Table 21 FFY 2027 Transit Project Information

Program	MassDOT Project ID	RTA	Municipality	MassDOT Project Description	Funding Source	Total Programmed Funds	Federal Funds	State Funds	Other Funds
Federal Fiscal Year 2027									
Operating	RTD0010915	PVTA		Pioneer Valley Transit Authority - ADA Operating Assistance	5307	\$1,007,124	\$1,007,124		
Operating	RTD0010915	PVTA		Pioneer Valley Transit Authority - ADA Operating Assistance	SCA	\$251,781		\$251,781	
Operating	RTD0010933	PVTA		Pioneer Valley Transit Authority - PREVENTIVE MAINTENANCE	5307	\$3,350,662	\$3,350,662		
Operating	RTD0010933	PVTA		Pioneer Valley Transit Authority - PREVENTIVE MAINTENANCE	SCA	\$837,666		\$837,666	
Operating	RTD0010951	PVTA		Pioneer Valley Transit Authority - PREVENTIVE MAINTENANCE - State of Good Repair for all transit garages	5307	\$20,000	\$20,000		
Operating	RTD0010951	PVTA		Pioneer Valley Transit Authority - PREVENTIVE MAINTENANCE - State of Good Repair for all transit garages	SCA	\$5,000		\$5,000	
Operating	RTD0010955	PVTA		Pioneer Valley Transit Authority - SHORT RANGE TRANSIT PLANNING	5307	\$216,000	\$216,000		
Operating	RTD0010955	PVTA		Pioneer Valley Transit Authority - SHORT RANGE TRANSIT PLANNING	SCA	\$54,000		\$54,000	
RTA Facility & System Modernization	RTD0010928	PVTA		Pioneer Valley Transit Authority - REHAB/RENOVATE - Main St. MAINTENANCE FACILITY - Main St Paratransit O&M Renovate Office	5307	\$144,000	\$144,000		
RTA Facility & System Modernization	RTD0010928	PVTA		Pioneer Valley Transit Authority - REHAB/RENOVATE - Main St. MAINTENANCE FACILITY - Main St Paratransit O&M Renovate Office	RTACAP	\$36,000		\$36,000	
RTA Facility & System Modernization	RTD0010973	PVTA	Northampton	Pioneer Valley Transit Authority - REHAB/RENOVATE - Northampton MAINTENANCE FACILITY - Noho EV Bus Charging Stations Installations	5307	\$640,000	\$640,000		
RTA Facility & System Modernization	RTD0010973	PVTA	Northampton	Pioneer Valley Transit Authority - REHAB/RENOVATE - Northampton MAINTENANCE FACILITY - Noho EV Bus Charging Stations Installations	RTACAP	\$160,000		\$160,000	
RTA Facility & System Modernization	RTD0011399	PVTA	Springfield	Pioneer Valley Transit Authority - REHAB/RENOVATE - MAINTENANCE FACILITY - Springfield O&M Facility at Cottage St. Electric Bus Chargers Expansion and Upgrades Phase I and Phase II	RTACAP	\$926,501		\$926,501	

Table 24 FFY 2027 Transit Project Information (Continued)

RTA Facility & Vehicle Maintenance	PVTA011786	PVTA		Pioneer Valley Transit Authority - UMass Bus Maintenance Facility Upgrades - Overhead door rebuild replacement; upgrade building walkway and LED lights to parking areas, upgrade facility restrooms and office space, expand EV charging capabilities, upgrade facility electrical system to code.	5307	\$600,000	\$600,000		
RTA Facility & Vehicle Maintenance	PVTA011786	PVTA		Pioneer Valley Transit Authority - UMass Bus Maintenance Facility Upgrades - Overhead door rebuild replacement; upgrade building walkway and LED lights to parking areas, upgrade facility restrooms and office space, expand EV charging capabilities, upgrade facility electrical system to code.	DOF	\$2,240,000	\$2,240,000		
RTA Facility & Vehicle Maintenance	PVTA011786	PVTA		Pioneer Valley Transit Authority - UMass Bus Maintenance Facility Upgrades - Overhead door rebuild replacement; upgrade building walkway and LED lights to parking areas, upgrade facility restrooms and office space, expand EV charging capabilities, upgrade facility electrical system to code.	RTACAP	\$710,000		\$710,000	
RTA Facility & Vehicle Maintenance	RTD0009860	PVTA		Pioneer Valley Transit Authority - Environmental Compliance for all facilities.	5307	\$32,000	\$32,000		
RTA Facility & Vehicle Maintenance	RTD0009860	PVTA		Pioneer Valley Transit Authority - Environmental Compliance for all facilities.	RTACAP	\$8,000		\$8,000	
RTA Facility & Vehicle Maintenance	RTD0010907	PVTA		Pioneer Valley Transit Authority - PURCHASE BUS SHELTERS	5307	\$40,000	\$40,000		
RTA Facility & Vehicle Maintenance	RTD0010907	PVTA		Pioneer Valley Transit Authority - PURCHASE BUS SHELTERS	RTACAP	\$10,000		\$10,000	
RTA Facility & Vehicle Maintenance	RTD0010908	PVTA		Pioneer Valley Transit Authority - Signage and Lighting	5307	\$20,000	\$20,000		
RTA Facility & Vehicle Maintenance	RTD0010908	PVTA		Pioneer Valley Transit Authority - Signage and Lighting	RTACAP	\$5,000		\$5,000	
RTA Facility & Vehicle Maintenance	RTD0010909	PVTA		Pioneer Valley Transit Authority - Bike access Equipment	5307	\$11,200	\$11,200		
RTA Facility & Vehicle Maintenance	RTD0010909	PVTA		Pioneer Valley Transit Authority - Bike access Equipment	RTACAP	\$2,800		\$2,800	
RTA Facility & Vehicle Maintenance	RTD0010910	PVTA		Pioneer Valley Transit Authority - Information Technology Systems	5307	\$2,175,365	\$2,175,365		
RTA Facility & Vehicle Maintenance	RTD0010910	PVTA		Pioneer Valley Transit Authority - Information Technology Systems	RTACAP	\$2,175,365		\$2,175,365	

Table 24 FFY 2027 Transit Project Information (Continued)

RTA Facility & Vehicle Maintenance	RTD0010911	PVTA		Pioneer Valley Transit Authority - Rehab Northampton Maintenance Facility, Year 3, 4 and 5	5307	\$3,040,000	\$3,040,000		
RTA Facility & Vehicle Maintenance	RTD0010911	PVTA		Pioneer Valley Transit Authority - Rehab Northampton Maintenance Facility, Year 3, 4 and 5	DOF	\$2,240,000	\$2,240,000		
RTA Facility & Vehicle Maintenance	RTD0010911	PVTA		Pioneer Valley Transit Authority - Rehab Northampton Maintenance Facility, Year 3, 4 and 5	RTACAP	\$1,320,000		\$1,320,000	
RTA Facility & Vehicle Maintenance	RTD0010912	PVTA	Amherst	Pioneer Valley Transit Authority - Umass Bus Maintenance Facility - Upgrade Bus Bay Lateral Expansion	RTACAP	\$40,000		\$40,000	
RTA Facility & Vehicle Maintenance	RTD0010914	PVTA		Pioneer Valley Transit Authority - Purchase Shop Equipment - All Garages	5307	\$160,000	\$160,000		
RTA Facility & Vehicle Maintenance	RTD0010914	PVTA		Pioneer Valley Transit Authority - Purchase Shop Equipment - All Garages	RTACAP	\$40,000		\$40,000	
RTA Fleet Upgrades	PVTA011781	PVTA	Multiple	Pioneer Valley Transit Authority Replacement of Articulated 60' Transit Buses and the replacement of two 40' with 60' buses	5307	\$1,917,891	\$1,917,891		
RTA Fleet Upgrades	PVTA011781	PVTA	Multiple	Pioneer Valley Transit Authority Replacement of Articulated 60' Transit Buses and the replacement of two 40' with 60' buses	OF	\$84,000	\$84,000		
RTA Fleet Upgrades	PVTA011781	PVTA	Multiple	Pioneer Valley Transit Authority Replacement of Articulated 60' Transit Buses and the replacement of two 40' with 60' buses	RTACAP	\$479,473		\$479,473	
RTA Fleet Upgrades	RTD0011374	PVTA		Pioneer Valley Transit Authority BUY REPLACEMENT 40-FT Electric BUS	5307	\$4,795,401	\$4,795,401		
RTA Fleet Upgrades	RTD0011374	PVTA		Pioneer Valley Transit Authority BUY REPLACEMENT 40-FT Electric BUS	5339	\$705,292	\$705,292		
RTA Fleet Upgrades	RTD0011374	PVTA		Pioneer Valley Transit Authority BUY REPLACEMENT 40-FT Electric BUS	OF	\$210,000	\$210,000		
RTA Fleet Upgrades	RTD0011374	PVTA		Pioneer Valley Transit Authority BUY REPLACEMENT 40-FT Electric BUS	RTACAP	\$1,375,173		\$1,375,173	
RTA Vehicle Replacement	RTD0008781	PVTA		Pioneer Valley Transit Authority - Paratransit Vans -10-14 Passenger vehicles for replacement	RTACAP	\$616,708		\$616,708	
RTA Vehicle Replacement	RTD0010949	PVTA		Pioneer Valley Transit Authority - ACQUIRE - SUPPORT VEHICLES (3)	5307	\$61,447	\$61,447		
RTA Vehicle Replacement	RTD0010949	PVTA		Pioneer Valley Transit Authority - ACQUIRE - SUPPORT VEHICLES (3)	RTACAP	\$15,362		\$15,362	
RTA Vehicle Replacement	RTD0010959	PVTA		Pioneer Valley Transit Authority - ACQUIRE - Supervisory VEHICLES	5307	\$85,526	\$85,526		

Table 24 FFY 2027 Transit Project Information (Continued)

RTA Vehicle Replacement	RTD0010959	PVTA		Pioneer Valley Transit Authority - ACQUIRE - Supervisory VEHICLES	RTACAP	\$21,381		\$21,381	
					5307 Programmed	\$18,316,616	\$18,316,616		
					5339 Programmed	\$705,292	\$705,292		
					DOF Programmed	\$4,480,000	\$4,480,000		
					OF Programmed	\$294,000	\$294,000		
					RTACAP Programmed	\$7,941,763		\$7,941,763	
					SCA Programmed	\$1,148,447		\$1,148,447	
					Total Programmed for Pioneer Valley Transit Authority Projects	\$32,886,118	\$23,795,908	\$9,090,210	

Table 22 FFY 2028 Transit Project Information

Program	MassDOT Project ID	RTA	Municipality	MassDOT Project Description	Funding Source	Total Programmed Funds	Federal Funds	State Funds	Other Funds
Federal Fiscal Year 2028									
Operating	RTD0010915	PVTA		Pioneer Valley Transit Authority - ADA Operating Assistance	5307	\$1,022,337	\$1,022,337		
Operating	RTD0010915	PVTA		Pioneer Valley Transit Authority - ADA Operating Assistance	SCA	\$255,584		\$255,584	
Operating	RTD0010933	PVTA		Pioneer Valley Transit Authority - PREVENTIVE MAINTENANCE	5307	\$3,422,606	\$3,422,606		
Operating	RTD0010933	PVTA		Pioneer Valley Transit Authority - PREVENTIVE MAINTENANCE	SCA	\$855,651		\$855,651	
Operating	RTD0010951	PVTA		Pioneer Valley Transit Authority - PREVENTIVE MAINTENANCE - State of Good Repair for all transit garages	5307	\$20,000	\$20,000		
Operating	RTD0010951	PVTA		Pioneer Valley Transit Authority - PREVENTIVE MAINTENANCE - State of Good Repair for all transit garages	SCA	\$5,000		\$5,000	
Operating	RTD0010955	PVTA		Pioneer Valley Transit Authority - SHORT RANGE TRANSIT PLANNING	5307	\$220,000	\$220,000		
Operating	RTD0010955	PVTA		Pioneer Valley Transit Authority - SHORT RANGE TRANSIT PLANNING	SCA	\$55,000		\$55,000	
RTA Facility & System Modernization	PVTA011791	PVTA		Pioneer Valley Transit Authority - REHAB/RENOVATE - Admin Building OPERATIONS FACILITY - Main St Replace Rooftop HVAC and Systems Control	5307	\$640,000	\$640,000		
RTA Facility & System Modernization	PVTA011791	PVTA		Pioneer Valley Transit Authority - REHAB/RENOVATE - Admin Building OPERATIONS FACILITY - Main St Replace Rooftop HVAC and Systems Control	RTACAP	\$160,000		\$160,000	
RTA Facility & System Modernization	PVTA011794	PVTA		Pioneer Valley Transit Authority - REHAB/RENOVATE - Cottage Street FACILITY - Alternative Fuel Expansion Phase III and IV	5307CR	\$4,320,000	\$4,320,000		
RTA Facility & System Modernization	PVTA011794	PVTA		Pioneer Valley Transit Authority - REHAB/RENOVATE - Cottage Street FACILITY - Alternative Fuel Expansion Phase III and IV	RTACAP	\$1,080,000		\$1,080,000	
RTA Facility & System Modernization	RTD0010928	PVTA		Pioneer Valley Transit Authority - REHAB/RENOVATE - Main St. MAINTENANCE FACILITY - Main St Paratransit O&M Renovate Office	5307	\$384,000	\$384,000		
RTA Facility & System Modernization	RTD0010928	PVTA		Pioneer Valley Transit Authority - REHAB/RENOVATE - Main St. MAINTENANCE FACILITY - Main St Paratransit O&M Renovate Office	RTACAP	\$96,000		\$96,000	
RTA Facility & System Modernization	RTD0011399	PVTA	Springfield	Pioneer Valley Transit Authority - REHAB/RENOVATE - MAINTENANCE FACILITY - Springfield O&M Facility at Cottage St. Electric Bus Chargers Expansion and Upgrades Phase I and Phase II	RTACAP	\$100,000		\$100,000	

Table 25 FFY 2028 Transit Project Information (Continued)

RTA Facility & Vehicle Maintenance	PVTA011786	PVTA		Pioneer Valley Transit Authority - UMass Bus Maintenance Facility Upgrades - Overhead door rebuild replacement; upgrade building walkway and LED lights to parking areas, upgrade facility restrooms and office space, expand EV charging capabilities, upgrade facility electrical system to code.	5307	\$320,000	\$320,000		
RTA Facility & Vehicle Maintenance	PVTA011786	PVTA		Pioneer Valley Transit Authority - UMass Bus Maintenance Facility Upgrades - Overhead door rebuild replacement; upgrade building walkway and LED lights to parking areas, upgrade facility restrooms and office space, expand EV charging capabilities, upgrade facility electrical system to code.	RTACAP	\$1,280,000		\$1,280,000	
RTA Facility & Vehicle Maintenance	PVTA011793	PVTA		Pioneer Valley Transit Authority - REHAB/RENOVATE - Cottage St. MAINTENANCE FACILITY - Replace high bay fixture lighting, Sealcoat Asphalt Parking lot	5307	\$160,000	\$160,000		
RTA Facility & Vehicle Maintenance	PVTA011793	PVTA		Pioneer Valley Transit Authority - REHAB/RENOVATE - Cottage St. MAINTENANCE FACILITY - Replace high bay fixture lighting, Sealcoat Asphalt Parking lot	RTACAP	\$40,000		\$40,000	
RTA Facility & Vehicle Maintenance	RTD0009860	PVTA		Pioneer Valley Transit Authority - Environmental Compliance for all facilities.	5307	\$32,000	\$32,000		
RTA Facility & Vehicle Maintenance	RTD0009860	PVTA		Pioneer Valley Transit Authority - Environmental Compliance for all facilities.	RTACAP	\$8,000		\$8,000	
RTA Facility & Vehicle Maintenance	RTD0010907	PVTA		Pioneer Valley Transit Authority - PURCHASE BUS SHELTERS	5307	\$40,000	\$40,000		
RTA Facility & Vehicle Maintenance	RTD0010907	PVTA		Pioneer Valley Transit Authority - PURCHASE BUS SHELTERS	RTACAP	\$10,000		\$10,000	
RTA Facility & Vehicle Maintenance	RTD0010908	PVTA		Pioneer Valley Transit Authority - Signage and Lighting	5307	\$20,000	\$20,000		
RTA Facility & Vehicle Maintenance	RTD0010908	PVTA		Pioneer Valley Transit Authority - Signage and Lighting	RTACAP	\$5,000		\$5,000	
RTA Facility & Vehicle Maintenance	RTD0010909	PVTA		Pioneer Valley Transit Authority - Bike access Equipment	5307	\$11,200	\$11,200		
RTA Facility & Vehicle Maintenance	RTD0010909	PVTA		Pioneer Valley Transit Authority - Bike access Equipment	RTACAP	\$2,800		\$2,800	
RTA Facility & Vehicle Maintenance	RTD0010910	PVTA		Pioneer Valley Transit Authority - Information Technology Systems	5307	\$2,169,480	\$2,169,480		
RTA Facility & Vehicle Maintenance	RTD0010910	PVTA		Pioneer Valley Transit Authority - Information Technology Systems	RTACAP	\$2,169,480		\$2,169,480	

Table 25 FFY 2028 Transit Project Information (Continued)

RTA Facility & Vehicle Maintenance	RTD0010911	PVTA		Pioneer Valley Transit Authority - Rehab Northampton Maintenance Facility, Year 3, 4 and 5	5307	\$64,000	\$64,000		
RTA Facility & Vehicle Maintenance	RTD0010911	PVTA		Pioneer Valley Transit Authority - Rehab Northampton Maintenance Facility, Year 3, 4 and 5	RTACAP	\$16,000		\$16,000	
RTA Facility & Vehicle Maintenance	RTD0010912	PVTA	Amherst	Pioneer Valley Transit Authority - Umass Bus Maintenance Facility - Upgrade Bus Bay Lateral Expansion	RTACAP	\$40,000		\$40,000	
RTA Facility & Vehicle Maintenance	RTD0010914	PVTA		Pioneer Valley Transit Authority - Purchase Shop Equipment - All Garages	5307	\$160,000	\$160,000		
RTA Facility & Vehicle Maintenance	RTD0010914	PVTA		Pioneer Valley Transit Authority - Purchase Shop Equipment - All Garages	RTACAP	\$40,000		\$40,000	
RTA Fleet Upgrades	PVTA011781	PVTA	Multiple	Pioneer Valley Transit Authority Replacement of Articulated 60' Transit Buses and the replacement of two 40' with 60' buses	5307	\$2,306,321	\$2,306,321		
RTA Fleet Upgrades	PVTA011781	PVTA	Multiple	Pioneer Valley Transit Authority Replacement of Articulated 60' Transit Buses and the replacement of two 40' with 60' buses	RTACAP	\$756,430		\$756,430	
RTA Fleet Upgrades	RTD0011374	PVTA		Pioneer Valley Transit Authority BUY REPLACEMENT 40-FT Electric BUS	5307	\$3,470,477	\$3,470,477		
RTA Fleet Upgrades	RTD0011374	PVTA		Pioneer Valley Transit Authority BUY REPLACEMENT 40-FT Electric BUS	OF	\$126,000	\$126,000		
RTA Fleet Upgrades	RTD0011374	PVTA		Pioneer Valley Transit Authority BUY REPLACEMENT 40-FT Electric BUS	RTACAP	\$867,619		\$867,619	
RTA Fleet Upgrades	RTD0011375	PVTA		Pioneer Valley Transit Authority - BUY REPLACEMENT 35-FT Electric BUS	5307	\$2,204,492	\$2,204,492		
RTA Fleet Upgrades	RTD0011375	PVTA		Pioneer Valley Transit Authority - BUY REPLACEMENT 35-FT Electric BUS	OF	\$84,000	\$84,000		
RTA Fleet Upgrades	RTD0011375	PVTA		Pioneer Valley Transit Authority - BUY REPLACEMENT 35-FT Electric BUS	RTACAP	\$551,123		\$551,123	
RTA Vehicle Replacement	RTD0008781	PVTA		Pioneer Valley Transit Authority - Paratransit Vans -10-14 Passenger vehicles for replacement	RTACAP	\$635,209		\$635,209	

Table 25 FFY 2028 Transit Project Information (Continued)

RTA Vehicle Replacement	RTD0010949	PVTA		Pioneer Valley Transit Authority - ACQUIRE - SUPPORT VEHICLES (3)	5307	\$63,290	\$63,290		
RTA Vehicle Replacement	RTD0010949	PVTA		Pioneer Valley Transit Authority - ACQUIRE - SUPPORT VEHICLES (3)	RTACAP	\$15,823		\$15,823	
RTA Vehicle Replacement	RTD0010959	PVTA		Pioneer Valley Transit Authority - ACQUIRE - Supervisory VEHICLES	5307	\$90,734	\$90,734		
RTA Vehicle Replacement	RTD0010959	PVTA		Pioneer Valley Transit Authority - ACQUIRE - Supervisory VEHICLES	RTACAP	\$22,684		\$22,684	
5307 Programmed						\$16,820,937	\$16,820,937		
5307CR Programmed						\$4,320,000	\$4,320,000		
OF Programmed						\$210,000	\$210,000		
RTACAP Programmed						\$7,896,168		\$7,896,168	
SCA Programmed						\$1,171,235		\$1,171,235	
Total Programmed for Pioneer Valley Transit Authority Projects						\$30,418,340	\$21,350,937	\$9,067,403	

Table 23 FFY 2029 Transit Project Information

Program	MassDOT Project ID	RTA	Municipality	MassDOT Project Description	Funding Source	Total Programmed Funds	Federal Funds	State Funds	Other Funds
Federal Fiscal Year 2029									
Operating	RTD0010915	PVTA		Pioneer Valley Transit Authority - ADA Operating Assistance	5307	\$1,031,743	\$1,031,743		
Operating	RTD0010915	PVTA		Pioneer Valley Transit Authority - ADA Operating Assistance	SCA	\$257,936		\$257,936	
Operating	RTD0010933	PVTA		Pioneer Valley Transit Authority - PREVENTIVE MAINTENANCE	5307	\$3,502,098	\$3,502,098		
Operating	RTD0010933	PVTA		Pioneer Valley Transit Authority - PREVENTIVE MAINTENANCE	SCA	\$875,524		\$875,524	
Operating	RTD0010951	PVTA		Pioneer Valley Transit Authority - PREVENTIVE MAINTENANCE - State of Good Repair for all transit garages	5307	\$20,000	\$20,000		
Operating	RTD0010951	PVTA		Pioneer Valley Transit Authority - PREVENTIVE MAINTENANCE - State of Good Repair for all transit garages	SCA	\$5,000		\$5,000	
Operating	RTD0010955	PVTA		Pioneer Valley Transit Authority - SHORT RANGE TRANSIT PLANNING	5307	\$224,000	\$224,000		
Operating	RTD0010955	PVTA		Pioneer Valley Transit Authority - SHORT RANGE TRANSIT PLANNING	SCA	\$56,000		\$56,000	
RTA Facility & System Modernization	PVTA011794	PVTA		Pioneer Valley Transit Authority - REHAB/RENOVATE - Cottage Street FACILITY - Alternative Fuel Expansion Phase III and IV	DOF	\$14,400,000	\$14,400,000		
RTA Facility & System Modernization	PVTA011794	PVTA		Pioneer Valley Transit Authority - REHAB/RENOVATE - Cottage Street FACILITY - Alternative Fuel Expansion Phase III and IV	RTACAP	\$3,600,000		\$3,600,000	
RTA Facility & System Modernization	RTD0010928	PVTA		Pioneer Valley Transit Authority - REHAB/RENOVATE - Main St. MAINTENANCE FACILITY - Main St Paratransit O&M Renovate Office	DOF	\$4,960,000	\$4,960,000		
RTA Facility & System Modernization	RTD0010928	PVTA		Pioneer Valley Transit Authority - REHAB/RENOVATE - Main St. MAINTENANCE FACILITY - Main St Paratransit O&M Renovate Office	RTACAP	\$1,240,000		\$1,240,000	
RTA Facility & System Modernization	RTD0011399	PVTA	Springfield	Pioneer Valley Transit Authority - REHAB/RENOVATE - MAINTENANCE FACILITY - Springfield O&M Facility at Cottage St. Electric Bus Chargers Expansion and Upgrades Phase I and Phase II	RTACAP	\$100,000		\$100,000	
RTA Facility & Vehicle Maintenance	PVTA011786	PVTA		Pioneer Valley Transit Authority - UMass Bus Maintenance Facility Upgrades - Overhead door rebuild replacement; upgrade building walkway and LED lights to parking areas, upgrade facility restrooms and office space, expand EV charging capabilities, upgrade facility electrical system to code.	5307	\$70,000	\$70,000		

Table 26 FFY 2029 Transit Project Information (Continued)

RTA Facility & Vehicle Maintenance	PVTA011786	PVTA		Pioneer Valley Transit Authority - UMass Bus Maintenance Facility Upgrades - Overhead door rebuild replacement; upgrade building walkway and LED lights to parking areas, upgrade facility restrooms and office space, expand EV charging capabilities, upgrade facility electrical system to code.	RTACAP	\$280,000		\$280,000	
RTA Facility & Vehicle Maintenance	RTD0009860	PVTA		Pioneer Valley Transit Authority - Environmental Compliance for all facilities.	5307	\$32,000	\$32,000		
RTA Facility & Vehicle Maintenance	RTD0009860	PVTA		Pioneer Valley Transit Authority - Environmental Compliance for all facilities.	RTACAP	\$8,000		\$8,000	
RTA Facility & Vehicle Maintenance	RTD0010907	PVTA		Pioneer Valley Transit Authority - PURCHASE BUS SHELTERS	5307	\$40,000	\$40,000		
RTA Facility & Vehicle Maintenance	RTD0010907	PVTA		Pioneer Valley Transit Authority - PURCHASE BUS SHELTERS	RTACAP	\$10,000		\$10,000	
RTA Facility & Vehicle Maintenance	RTD0010908	PVTA		Pioneer Valley Transit Authority - Signage and Lighting	5307	\$20,000	\$20,000		
RTA Facility & Vehicle Maintenance	RTD0010908	PVTA		Pioneer Valley Transit Authority - Signage and Lighting	RTACAP	\$5,000		\$5,000	
RTA Facility & Vehicle Maintenance	RTD0010909	PVTA		Pioneer Valley Transit Authority - Bike access Equipment	5307	\$11,200	\$11,200		
RTA Facility & Vehicle Maintenance	RTD0010909	PVTA		Pioneer Valley Transit Authority - Bike access Equipment	RTACAP	\$2,800		\$2,800	
RTA Facility & Vehicle Maintenance	RTD0010910	PVTA		Pioneer Valley Transit Authority - Information Technology Systems	5307	\$2,046,270	\$2,046,270		
RTA Facility & Vehicle Maintenance	RTD0010910	PVTA		Pioneer Valley Transit Authority - Information Technology Systems	RTACAP	\$2,046,270		\$2,046,270	
RTA Facility & Vehicle Maintenance	RTD0010911	PVTA		Pioneer Valley Transit Authority - Rehab Northampton Maintenance Facility, Year 3, 4 and 5	5307	\$320,000	\$320,000		
RTA Facility & Vehicle Maintenance	RTD0010911	PVTA		Pioneer Valley Transit Authority - Rehab Northampton Maintenance Facility, Year 3, 4 and 5	RTACAP	\$80,000		\$80,000	
RTA Facility & Vehicle Maintenance	RTD0010914	PVTA		Pioneer Valley Transit Authority - Purchase Shop Equipment - All Garages	5307	\$180,000	\$180,000		
RTA Facility & Vehicle Maintenance	RTD0010914	PVTA		Pioneer Valley Transit Authority - Purchase Shop Equipment - All Garages	RTACAP	\$45,000		\$45,000	

Table 26 FFY 2029 Transit Project Information (Continued)

RTA Fleet Upgrades	RTD0011374	PVTA		Pioneer Valley Transit Authority BUY REPLACEMENT 40-FT Electric BUS	5307	\$6,564,297	\$6,564,297		
RTA Fleet Upgrades	RTD0011374	PVTA		Pioneer Valley Transit Authority BUY REPLACEMENT 40-FT Electric BUS	5339	\$733,785	\$733,785		
RTA Fleet Upgrades	RTD0011374	PVTA		Pioneer Valley Transit Authority BUY REPLACEMENT 40-FT Electric BUS	OF	\$252,000	\$252,000		
RTA Fleet Upgrades	RTD0011374	PVTA		Pioneer Valley Transit Authority BUY REPLACEMENT 40-FT Electric BUS	RTACAP	\$1,824,520		\$1,824,520	
RTA Fleet Upgrades	RTD0011375	PVTA		Pioneer Valley Transit Authority - BUY REPLACEMENT 35-FT Electric BUS	5307	\$3,477,114	\$3,477,114		
RTA Fleet Upgrades	RTD0011375	PVTA		Pioneer Valley Transit Authority - BUY REPLACEMENT 35-FT Electric BUS	OF	\$126,000	\$126,000		
RTA Fleet Upgrades	RTD0011375	PVTA		Pioneer Valley Transit Authority - BUY REPLACEMENT 35-FT Electric BUS	RTACAP	\$869,279		\$869,279	
RTA Vehicle Replacement	RTD0008781	PVTA		Pioneer Valley Transit Authority - Paratransit Vans -10-14 Passenger vehicles for replacement	RTACAP	\$758,948		\$758,948	
RTA Vehicle Replacement	RTD0010959	PVTA		Pioneer Valley Transit Authority - ACQUIRE - Supervisory VEHICLES	5307	\$93,456	\$93,456		
RTA Vehicle Replacement	RTD0010959	PVTA		Pioneer Valley Transit Authority - ACQUIRE - Supervisory VEHICLES	RTACAP	\$23,364		\$23,364	
					5307 Programmed	\$17,632,178	\$17,632,178		
					5339 Programmed	\$733,785	\$733,785		
					DOF Programmed	\$19,360,000	\$19,360,000		
					OF Programmed	\$378,000	\$378,000		
					RTACAP Programmed	\$10,893,181		\$10,893,181	
					SCA Programmed	\$1,194,460		\$1,194,460	
					Total Programmed for Pioneer Valley Transit Authority Projects	\$50,191,604	\$38,103,963	\$12,087,641	

Table 24 FFY 2030 Transit Project Information

Program	MassDOT Project ID	RTA	Municipality	MassDOT Project Description	Funding Source	Total Programmed Funds	Federal Funds	State Funds	Other Funds
Federal Fiscal Year 2030									
Operating	RTD0010915	PVTA		Pioneer Valley Transit Authority - ADA Operating Assistance	5307	\$1,063,639	\$1,063,639		
Operating	RTD0010915	PVTA		Pioneer Valley Transit Authority - ADA Operating Assistance	SCA	\$265,910		\$265,910	
Operating	RTD0010933	PVTA		Pioneer Valley Transit Authority - PREVENTIVE MAINTENANCE	5307	\$3,560,878	\$3,560,878		
Operating	RTD0010933	PVTA		Pioneer Valley Transit Authority - PREVENTIVE MAINTENANCE	SCA	\$890,220		\$890,220	
Operating	RTD0010951	PVTA		Pioneer Valley Transit Authority - PREVENTIVE MAINTENANCE - State of Good Repair for all transit garages	5307	\$20,000	\$20,000		
Operating	RTD0010951	PVTA		Pioneer Valley Transit Authority - PREVENTIVE MAINTENANCE - State of Good Repair for all transit garages	SCA	\$5,000		\$5,000	
Operating	RTD0010955	PVTA		Pioneer Valley Transit Authority - SHORT RANGE TRANSIT PLANNING	5307	\$228,000	\$228,000		
Operating	RTD0010955	PVTA		Pioneer Valley Transit Authority - SHORT RANGE TRANSIT PLANNING	SCA	\$57,000		\$57,000	
RTA Facility & System Modernization	PVTA011794	PVTA		Pioneer Valley Transit Authority - REHAB/RENOVATE - Cottage Street FACILITY - Alternative Fuel Expansion Phase III and IV	DOF	\$14,400,000	\$14,400,000		
RTA Facility & System Modernization	PVTA011794	PVTA		Pioneer Valley Transit Authority - REHAB/RENOVATE - Cottage Street FACILITY - Alternative Fuel Expansion Phase III and IV	RTACAP	\$3,600,000		\$3,600,000	
RTA Facility & System Modernization	RTD0010928	PVTA		Pioneer Valley Transit Authority - REHAB/RENOVATE - Main St. MAINTENANCE FACILITY - Main St Paratransit O&M Renovate Office	5307	\$960,000	\$960,000		
RTA Facility & System Modernization	RTD0010928	PVTA		Pioneer Valley Transit Authority - REHAB/RENOVATE - Main St. MAINTENANCE FACILITY - Main St Paratransit O&M Renovate Office	RTACAP	\$240,000		\$240,000	
RTA Facility & System Modernization	RTD0011399	PVTA	Springfield	Pioneer Valley Transit Authority - REHAB/RENOVATE - MAINTENANCE FACILITY - Springfield O&M Facility at Cottage St. Electric Bus Chargers Expansion and Upgrades Phase I and Phase II	RTACAP	\$60,000		\$60,000	
RTA Facility & Vehicle Maintenance	RTD0009860	PVTA		Pioneer Valley Transit Authority - Environmental Compliance for all facilities.	5307	\$32,000	\$32,000		
RTA Facility & Vehicle Maintenance	RTD0009860	PVTA		Pioneer Valley Transit Authority - Environmental Compliance for all facilities.	RTACAP	\$8,000		\$8,000	
RTA Facility & Vehicle Maintenance	RTD0010907	PVTA		Pioneer Valley Transit Authority - PURCHASE BUS SHELTERS	5307	\$40,000	\$40,000		
RTA Facility & Vehicle Maintenance	RTD0010907	PVTA		Pioneer Valley Transit Authority - PURCHASE BUS SHELTERS	RTACAP	\$10,000		\$10,000	

Table 27 FFY 2030 Transit Project Information (Continued)

RTA Facility & Vehicle Maintenance	RTD0010908	PVTA		Pioneer Valley Transit Authority - Signage and Lighting	5307	\$20,000	\$20,000		
RTA Facility & Vehicle Maintenance	RTD0010908	PVTA		Pioneer Valley Transit Authority - Signage and Lighting	RTACAP	\$5,000		\$5,000	
RTA Facility & Vehicle Maintenance	RTD0010909	PVTA		Pioneer Valley Transit Authority - Bike access Equipment	5307	\$11,200	\$11,200		
RTA Facility & Vehicle Maintenance	RTD0010909	PVTA		Pioneer Valley Transit Authority - Bike access Equipment	RTACAP	\$2,800		\$2,800	
RTA Facility & Vehicle Maintenance	RTD0010910	PVTA		Pioneer Valley Transit Authority - Information Technology Systems	5307	\$2,066,233	\$2,066,233		
RTA Facility & Vehicle Maintenance	RTD0010910	PVTA		Pioneer Valley Transit Authority - Information Technology Systems	RTACAP	\$2,066,233		\$2,066,233	
RTA Facility & Vehicle Maintenance	RTD0010914	PVTA		Pioneer Valley Transit Authority - Purchase Shop Equipment - All Garages	5307	\$180,000	\$180,000		
RTA Facility & Vehicle Maintenance	RTD0010914	PVTA		Pioneer Valley Transit Authority - Purchase Shop Equipment - All Garages	RTACAP	\$45,000		\$45,000	
RTA Fleet Upgrades	RTD0011374	PVTA		Pioneer Valley Transit Authority BUY REPLACEMENT 40-FT Electric BUS	5307	\$4,855,787	\$4,855,787		
RTA Fleet Upgrades	RTD0011374	PVTA		Pioneer Valley Transit Authority BUY REPLACEMENT 40-FT Electric BUS	OF	\$180,000	\$180,000		
RTA Fleet Upgrades	RTD0011374	PVTA		Pioneer Valley Transit Authority BUY REPLACEMENT 40-FT Electric BUS	RTACAP	\$1,213,947		\$1,213,947	
RTA Fleet Upgrades	RTD0011375	PVTA		Pioneer Valley Transit Authority - BUY REPLACEMENT 35-FT Electric BUS	5307	\$3,878,092	\$3,878,092		
RTA Fleet Upgrades	RTD0011375	PVTA		Pioneer Valley Transit Authority - BUY REPLACEMENT 35-FT Electric BUS	5339	\$748,461	\$748,461		
RTA Fleet Upgrades	RTD0011375	PVTA		Pioneer Valley Transit Authority - BUY REPLACEMENT 35-FT Electric BUS	OF	\$180,000	\$180,000		
RTA Fleet Upgrades	RTD0011375	PVTA		Pioneer Valley Transit Authority - BUY REPLACEMENT 35-FT Electric BUS	RTACAP	\$1,156,638		\$1,156,638	
RTA Vehicle Replacement	RTD0008781	PVTA		Pioneer Valley Transit Authority - Paratransit Vans -10-14 Passenger vehicles for replacement	RTACAP	\$366,389		\$366,389	

Table 27 FFY 2030 Transit Project Information (Continued)

RTA Vehicle Replacement	RTD0010949	PVTA		Pioneer Valley Transit Authority - ACQUIRE - SUPPORT VEHICLES (3)	5307	\$65,189	\$65,189		
RTA Vehicle Replacement	RTD0010949	PVTA		Pioneer Valley Transit Authority - ACQUIRE - SUPPORT VEHICLES (3)	RTACAP	\$16,297		\$16,297	
RTA Vehicle Replacement	RTD0010959	PVTA		Pioneer Valley Transit Authority - ACQUIRE - Supervisory VEHICLES	5307	\$93,456	\$93,456		
RTA Vehicle Replacement	RTD0010959	PVTA		Pioneer Valley Transit Authority - ACQUIRE - Supervisory VEHICLES	RTACAP	\$23,364		\$23,364	
					5307 Programmed	\$17,074,474	\$17,074,474		
					5339 Programmed	\$748,461	\$748,461		
					DOF Programmed	\$14,400,000	\$14,400,000		
					OF Programmed	\$360,000	\$360,000		
					RTACAP Programmed	\$8,813,668		\$8,813,668	
					SCA Programmed	\$1,218,130		\$1,218,130	
					Total Programmed for Pioneer Valley Transit Authority Projects	\$42,614,733	\$32,582,935	\$10,031,798	

VI. 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 2024-2025TIP projects are identified in Table 28.

Table 25 Project Implementation

FFY 2024 Projects Status as of April 4, 2025							
Project ID	Description	Program	Design Status	Ad Date	Total TIP Cost	Adjusted TFPC	Delta
Quarter 1							
612106	SPRINGFIELD- CHICOPEE- INTERSTATE MAINTENANCE AND RELATED WORK ON I-91 AND I-391	Interstate Pavement	Final Design	12/30/2023	\$23,667,942	\$23,685,524	\$17,582
Quarter 2							
613218	AMHERST- HADLEY- RESURFACING AND RELATED WORK ON ROUTE 116	Non-Interstate Pavement	Final Design	3/16/2024	\$7,429,193	\$7,436,093	\$6,900
Quarter 3							
608846	MONSON- BRIDGE REPLACEMENT, M-27-015, OLD WALES ROAD OVER CONANT BROOK	Bridge Off-system	Final Design	4/27/2024	\$3,958,804	\$4,298,663	\$339,859
Quarter 4							
609287	WORTHINGTON- RECONSTRUCTION & RELATED WORK ON ROUTE 143 (PHASE II), FROM PERU T.L. TO COLD STREET	Roadway Reconstruction	Final Design	7/13/2024	\$17,543,967	\$19,077,681	\$1,533,714
608717	SPRINGFIELD- RECONSTRUCTION OF SUMNER AVENUE AT DICKINSON STREET AND BELMONT AVENUE (THE "X")	Roadway Reconstruction	Final Design	8/31/2024	\$25,256,682	\$26,269,005	\$1,012,323
613116	CUMMINGTON- BRIDGE PRESERVATION, C-21-023 (0JN), C-21-024 (0JM), AND C-21-025 (0JK), STATE ROUTE 9 (BERKSHIRE TRAIL) OVER WESTFIELD RIVER AND WESTFIELD BROOK	Bridge Systematic Maintenance NB	Final Design	8/31/2024	\$5,045,667	\$5,439,118	\$393,451
609120	LUDLOW- BRIDGE REPLACEMENT, L-16-026, PINEY LANE OVER BROAD BROOK	Bridge Off-system	Final Design	9/7/2024	\$6,404,907	\$6,846,101	\$441,194
608163	WALES- RECONSTRUCTION & IMPROVEMENTS ON MONSON ROAD, FROM THE MONSON T.L. TO REED HILL ROAD (1.5 MILES)	Roadway Reconstruction	100% Design	9/14/2024	\$14,652,470	\$14,652,470	\$0
610652	AGAWAM- ROBINSON PARK ELEMENTARY SCHOOL IMPROVEMENTS (SRTS)	Safe Routes to School	Final Design	9/14/2024	\$3,544,068	\$3,770,362	\$226,294
Total (9 Projects)					\$107,503,700	\$111,475,017	\$3,971,317

Table 26 Project Implementation (Continued)

FFY 2025 Project Status as of April 4, 2025

Project ID	Description	Program	Design Status	Ad Date	Total TIP Cost	Adjusted TFPC	Delta
Quarter 1							
608413	NORTHAMPTON- ROCKY HILL GREENWAY MULTI-USE TRAIL, FROM THE MANHAN RAIL TRAIL TO ROCKY HILL ROAD (0.4 MILES)	Bicycle and Pedestrian	Final Design	12/14/2024	\$2,846,719	\$2,715,905	(\$130,814)
612065	AGAWAM- PAVEMENT AND BRIDGE PRESERVATION ON ROUTE 57	Non-Interstate Pavement	Final Design	12/28/2024	\$13,315,887	\$13,472,017	\$156,130
612097	WEST SPRINGFIELD- CHICOPEE- PAVEMENT AND BRIDGE PRESERVATION ON I-91	Interstate Pavement	Final Design	12/28/2024	\$9,319,679	\$9,360,001	\$40,322
S13136	CHICOPEE- INITIATIVE TO PLAN AND IMPLEMENT COMPLETE AND SAFE STREETS FOR ALL (SS4A)	Earmark Discretionary	N/A	12/28/2024	\$400,000	\$400,000	\$0
S13137	HOLYOKE- COMPREHENSIVE SAFETY ACTION PLAN (SS4A)	Earmark Discretionary	N/A	12/28/2024	\$197,850	\$197,850	\$0
S13139	PVPC- REGIONAL SAFETY ACTION PLAN AND DEMONSTRATION PROJECT (SS4A)	Earmark Discretionary	N/A	12/28/2024	\$1,250,000	\$1,250,000	\$0
S13140	WESTFIELD- SS4A PLANNING AND DEMONSTRATION GRANT (SS4A)	Earmark Discretionary	N/A	12/28/2024	\$250,000	\$250,000	\$0
Quarter 2							
610768	WESTHAMPTON- BRIDGE REPLACEMENT, W-27-028, PERRY HILL ROAD OVER NORTH BRANCH OF MANHAN RIVER	Bridge Off-system	Final Design	2/1/2025	\$1,646,745	\$1,565,797	(\$80,948)
S13164	FY24 EPA Clean Heavy-Duty Vehicles (CHDV) Grant: Achieving Annual Replacement/Deployment Parity: City of Springfield, Springfield Public Schools - 25 school buses	Earmark Discretionary	N/A	3/29/2025		\$10,153,296	
S13190	Railroad Grade Crossing Elimination Program Grant - Longmeadow Passive Crossing Improvement Project	Earmark Discretionary	N/A	3/29/2025		\$1,500,000	

Table 26 Project Implementation (Continued)

Quarter 3							
608460	HADLEY- BRIDGE REPLACEMENT, H-01-005, BAY ROAD (ROUTE 47) OVER THE FORT RIVER	Bridge On-system NHS	Final Design	4/26/2025	\$7,179,281	\$7,179,281	\$0
608869	NORTHAMPTON- BRIDGE REPLACEMENT, N-19-068, OLD SPRINGFIELD ROAD OVER THE MILL RIVER	Bridge Off-system Local NB	Final Design	6/7/2025	\$5,497,283	\$8,771,523	\$3,274,240
608881	LONGMEADOW- SPRINGFIELD- RESURFACING AND INTERSECTION IMPROVEMENTS ON LONGMEADOW STREET (ROUTE 5) AND CONVERSE STREET (0.84 MILES)	Roadway Reconstruction	Final Design	6/7/2025	\$9,731,030	\$12,774,555	\$3,043,525
612514	CUMMINGTON- BRIDGE PRESERVATION, C-21-002, ROUTE 9 OVER WESTFIELD RIVER	Bridge On-system NHS	Final Design	6/21/2025	\$8,833,086	\$9,034,381	\$201,295
613219	CHICOPEE- HOLYOKE- NORTHAMPTON- SPRINGFIELD- WEST SPRINGFIELD- BRIDGE PRESERVATION OF 26 BRIDGES ALONG I-91	Bridge Systematic Maintenance NB	75% Design	6/21/2025	\$11,550,000	\$10,691,064	(\$858,936)
609065	HOLYOKE- RESURFACING AND RELATED WORK ON CABOT STREET AND RACE STREET (CENTER CITY CONNECTOR)	Roadway Reconstruction	Final Design	6/28/2025	\$5,493,366	\$9,225,500	\$3,732,134
612080	SPRINGFIELD- REBECCA M. JOHNSON ELEMENTARY SCHOOL IMPROVEMENTS (SRTS)	Safe Routes to School	100% Design	6/28/2025	\$841,164	\$1,097,362	\$256,198
Quarter 4							
613185	HUNTINGTON- BRIDGE PRESERVATION, H-27-006 (0DH), STATE ROUTE 112/EAST MAIN STREET OVER CSXT AND WESTFIELD RIVER	Bridge Systematic Maintenance NB	75% Design	8/9/2025	\$12,017,500	\$26,438,850	\$14,421,350
608886	CHESTERFIELD- RECONSTRUCTION OF NORTH ROAD AND DAMON POND ROAD	Roadway Reconstruction	100% Design	TBD	\$11,290,549		
612106	CHICOPEE- SOUTH HADLEY- RESURFACING AND RELATED WORK ON ROUTE 33	Roadway Reconstruction	TBD				
					\$16,103,260		
Total (19 Projects)						\$114,424,086	\$24,054,496

VII. Air Quality Conformity Information FFY 2026-2030

Massachusetts Department of Transportation (MassDOT)

And the Metropolitan Planning Organizations (MPOs)

This section documents the latest air quality conformity determination for the 1997 ozone National Ambient Air Quality Standards (NAAQS) in the Commonwealth of Massachusetts. It covers the applicable conformity requirements according to the latest regulations, regional designation status, legal considerations, and federal guidance. Further details and background information are provided below:

INTRODUCTION

The 1990 Clean Air Act Amendments (CAAA) require metropolitan planning organizations within nonattainment and maintenance areas to perform air quality conformity determinations prior to the approval of Long-Range Transportation Plans (LRTPs) and Transportation Improvement Programs (TIPs), and at such other times as required by regulation. Clean Air Act (CAA) section 176(c) (42 U.S.C. 7506(c)) requires that federally funded or approved highway and transit activities are consistent with (“conform to”) the purpose of the State Implementation Plan (SIP). Conformity to the purpose of the SIP means that means Federal Highway Administration (FHWA) and Federal Transit Administration (FTA) funding and approvals are given to highway and transit activities that will not cause or contribute to new air quality violations, worsen existing violations, or delay timely attainment of the relevant NAAQS or any interim milestones (42 U.S.C. 7506(c)(1)). EPA’s transportation conformity rules establish the criteria and procedures for determining whether metropolitan transportation plans, transportation improvement programs (TIPs), and federally supported highway and transit projects conform to the SIP (40 CFR Parts 51.390 and 93).

A nonattainment area is one that the U.S. Environmental Protection Agency (EPA) has designated as not meeting certain air quality standards. A maintenance area is a nonattainment area that now meets the standards and has been re-designated as maintaining the standard. A conformity determination is a demonstration that plans, programs, and projects are consistent with the State Implementation Plan (SIP) for attaining the air quality standards. The CAAA requirement to perform a conformity determination ensures that federal approval and funding go to transportation activities that are consistent with air quality goals.

LEGISLATIVE AND REGULATORY BACKGROUND

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

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

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

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

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

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

Also on May 21, 2012, the air quality designations areas for the 2008 NAAQS were published in the Federal Register. In this Federal Register, the only area in Massachusetts that was designated as nonattainment is Dukes County. All other Massachusetts counties were designated as attainment/unclassified for the 2008 standard. On March 6, 2015, (80 FR 12264, effective April 6, 2015) EPA published the Final Rulemaking, “Implementation of the 2008 National Ambient Air Quality Standards (NAAQS) for Ozone: State Implementation Plan Requirements; Final Rule.” This rulemaking confirmed the removal of transportation conformity to the 1997 Ozone NAAQS and the replacement with the 2008 Ozone NAAQS, which (with actually a stricter level of allowable ozone concentration than the 1997 standards) classified Massachusetts as “Attainment/unclassifiable” (except for Dukes County).

However, on February 16, 2018, the United States Court of Appeals for the District of Columbia Circuit in *South Coast Air Quality Mgmt. District v. EPA* (“*South Coast II*,” 882 F.3d 1138) held that transportation conformity determinations must be made in areas that were either nonattainment or maintenance for the 1997 ozone NAAQS and attainment for the 2008 ozone NAAQS when the 1997 ozone NAAQS was revoked. Conformity determinations are required in these areas after February 16, 2019. On November 29, 2018, EPA issued *Transportation Conformity Guidance for the South Coast II Court Decision* (EPA-420-B-18-050, November 2018) that addresses how

transportation conformity determinations can be made in these areas. According to the guidance, both Eastern and Western Massachusetts, along with several other areas across the country, are now defined as “orphan nonattainment areas” – areas that were designated as nonattainment for the 1997 ozone NAAQS at the time of its revocation (80 FR 12264, March 6, 2015) and were designated attainment for the 2008 ozone NAAQS in EPA’s original designations rule for this NAAQS (77 FR 30160, May 21, 2012).

CURRENT CONFORMITY DETERMINATION

After 2/16/19, as a result of the court ruling and the subsequent federal guidance, transportation conformity for the 1997 NAAQS – intended as an “anti-backsliding” measure – now applies to both of Massachusetts’ orphan areas. Therefore, a conformity determination was made for the 1997 ozone NAAQS on the 2020-2040 Regional Transportation Plans. This conformity determination was finalized in July 2019 following each MPO’s previous endorsement of their regional transportation plan, and approved by the Massachusetts Divisions of FHWA and FTA on October 13, 2023. This conformity determination continues to be valid for the FFY 2025 - 2029 State Transportation Improvement Program and each MPOs’ FFY 2025 – 2029 Transportation Improvement Program, as each is developed from the conforming 2024-2050 Regional Transportation Plans.

The transportation conformity regulation at 40 CFR 93.109 sets forth the criteria and procedures for determining conformity. The conformity criteria for TIPs and RTPs include: latest planning assumptions (93.110), latest emissions model (93.111), consultation (93.112), transportation control measures (93.113(b) and (c), and emissions budget and/or interim emissions (93.118 and/or 93.119).

For the 1997 ozone NAAQS areas, transportation conformity for TIPs and RTPs for the 1997 ozone NAAQS can be demonstrated without a regional emissions analysis, per 40 CFR 93.109(c). This provision states that the regional emissions analysis requirement applies one year after the effective date of EPA’s nonattainment designation for a NAAQS and until the effective date of revocation of such NAAQS for an area. The 1997 ozone NAAQS revocation was effective on April 6, 2015, and the *South Coast II* court upheld the revocation. As no regional emission analysis is required for this conformity determination, there is no requirement to use the latest emissions model, or budget or interim emissions tests.

Therefore, transportation conformity for the 1997 ozone NAAQS for the FFY 2025-2029 State Transportation Improvement Program, Transportation Improvement Programs, and 2024-2050 Regional Transportation Plans can be demonstrated by showing that remaining requirements in Table 1 in 40 CFR 93.109 have been met. These requirements, which are laid out in Section 2.4 of EPA’s guidance and addressed below, include:

- Latest planning assumptions (93.110)
- Consultation (93.112)
- Transportation Control Measures (93.113)
- Fiscal Constraint (93.108)

Latest Planning Assumptions:

The use of latest planning assumptions in 40 CFR 93.110 of the conformity rule generally apply to regional emissions analysis. In the 1997 ozone NAAQS areas, the use of latest planning assumptions requirement applies to assumptions about transportation control measures (TCMs) in an approved SIP (See following section on Timely Implementation of TCMs).

Consultation:

The consultation requirements in 40 CFR 93.112 were addressed both for interagency consultation and public consultation. Interagency consultation was conducted with FHWA, FTA, US EPA Region 1, MassDEP, and the Massachusetts MPOs on March 6, 2019 to discuss the latest conformity-related court rulings and resulting federal guidance. Regular and recurring interagency consultations have been held since on an (at least) annual schedule, with the most recent conformity consultation held on September 13, 2023. This ongoing consultation is conducted in accordance with the following:

- Massachusetts' Air Pollution Control Regulations 310 CMR 60.03 "Conformity to the State Implementation Plan of Transportation Plans, Programs, and Projects Developed, Funded or Approved Under Title 23 USC or the Federal Transit Act"
- The Commonwealth of Massachusetts Memorandum of Understanding among the Massachusetts Department of Transportation, Massachusetts Department of Environmental Protection, Massachusetts Metropolitan Planning Organizations, and Regional Transit Authorities, titled The Conduct of Air Quality Planning and Coordination for Transportation Conformity (dated September 16, 2019)

Public consultation was conducted consistent with planning rule requirements in 23 CFR 450.

Title 23 CFR Section 450.324 and 310 CMR 60.03(6)(h) requires that the development of the TIP, RTP, and related certification documents provide an adequate opportunity for public review and comment. Section 450.316(b) also establishes the outline for MPO public participation programs. Each MPO's Public Participation Plan ensures that the public will have access to the TIP/RTP and all supporting documentation, provides for public notification of the availability of the TIP/RTP and the public's right to review the document and comment thereon, and provides a 21-day public review and comment period prior to the adoption of the TIP/RTP and related certification documents.

Timely Implementation of Transportation Control Measures:

Transportation Control Measures (TCMs) have been required in the SIP in revisions submitted to EPA in 1979 and 1982. All SIP TCMs have been accomplished through construction or through implementation of ongoing programs. All of the projects have been included in the Region's Transportation Plan (present or past) as recommended projects or projects requiring further study.

Fiscal Constraint:

Transportation conformity requirements in 40 CFR 93.108 state that TIPs and transportation plans and must be fiscally constrained consistent with DOT's metropolitan planning regulations at 23 CFR part 450. The 2025-2029 State Transportation Improvement Program and 2024-2050 Regional Transportation Plans are fiscally constrained, as demonstrated in this document.

In summary and based upon the entire process described above, the Commonwealth has prepared this conformity determination for the 1997 Ozone NAAQS in accordance with EPA's and Massachusetts' latest conformity regulations and guidance. This conformity determination process demonstrates that the FFY 2025-2029 State Transportation Improvement Program and the 2024-2050 Regional Transportation Plans meet the Clean Air Act and Transportation Conformity Rule requirements for the 1997 Ozone NAAQS, and have been prepared following all the guidelines and requirements of these rules during this time period.

Therefore, the implementation of the MPO's FFY 2026-2030 State Transportation Improvement Program and the 2024-2050 Regional Transportation Plans are consistent with the air quality goals of, and in conformity with, the Massachusetts State Implementation Plan.

VIII. Greenhouse Gas Monitoring and Evaluation

Introduction

This section summarizes the greenhouse gas (GHG) impacts that are anticipated to result from the projects that are included in this FFY 2026 – 2030 Transportation Improvement Program (TIP). It includes a summary of the state laws and policies that call for reducing greenhouse gas in order to mitigate global climate change, actions that are being to respond to these state laws and policies, the role of regional planning and TIP development in reducing GHG emission and tracking these reductions, and the projected GHG emission impacts from the projects programmed in the TIP.

State Policy Context

The Global Warming Solutions Act (GWSA), which was signed into law in August 2008, makes Massachusetts a leader in setting aggressive and enforceable GHG reduction targets, and implementing policies and initiatives to achieve these targets. In keeping with the law, on December 29, 2010 the Massachusetts Executive Office of Energy and Environmental Affairs (EOEEA), in consultation with other state agencies and the public, released the *Massachusetts Clean Energy and Climate Plan for 2020*. In December 2014 the Department of Environmental Protection issued new regulations that require Metropolitan Planning Organizations to quantify impacts from project investments, track progress towards reductions, and consider impacts in the prioritization of GHG impacts from project investments. The targets for overall statewide GHG emissions are:



GreenDOT Policy

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

- **Reduce greenhouse gas (GHG) emissions.** MassDOT will achieve this by taking GHG emissions into account in all of its responsibilities, from strategic planning to project design and construction and system operations.
- **Promote the healthy transportation modes of walking, bicycling, and public transit.** MassDOT will achieve this by pursuing multi-modal, "complete streets" design standards; providing choice in transportation services; and by working with MPOs and other partners to prioritize and program a balance of projects that serve drivers, pedestrians, bicyclists, and public transit riders.

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

Regional GHG Tracking and Evaluation in RTPs

MassDOT coordinated with MPOs and regional planning agency (RPA) staffs on the implementation of GHG tracking and evaluation in development of each MPO's 2040 RTPs, which were adopted in September 2011. This collaboration has continued for the MPO's 2040 RTPs and 2026-2030 TIPs.

Working together, MassDOT and the MPOs have attained the following milestones: Modeling and long-range statewide projections for GHG emissions resulting from the transportation sector. Using the Boston MPO's regional model and the statewide travel demand model for the remainder of the state, GHG emissions were projected for 2020 no-build and build conditions, and for 2040 no-build and build conditions.

All of the MPOs included these GHG emission projections in their RTPs, along with a discussion of climate change and a statement of MPO support for reducing GHG emissions as a regional goal.

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

It is also important to monitor and evaluate the GHG impacts of the transportation projects that are programmed in the MPO Transportation Improvement Programs (TIP). The TIP includes both the larger, regionally-significant projects from the RTPs, which have already had their aggregate GHG impacts calculated and reported in the RTP, as well as smaller projects that are not included in the RTP but that may nevertheless have impacts on GHG emissions. The principal objective of this tracking is to enable the MPOs to evaluate expected GHG impacts of different projects and to use this information as a criterion for prioritizing and programming projects in future TIPs.

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

Calculation of GHG Impacts for TIP Projects

The Office of Transportation Planning at MassDOT provided the spreadsheets that are used for determining Congestion Management and Air Quality Improvement (CMAQ) eligibility. These spreadsheets require the same inputs as the CMAQ calculations, and have been adapted to provide CO₂ impacts. The data and analysis required for these calculations is available from functional design reports that should be submitted for projects that would produce a measurable GHG impact.

Projects with Quantified Impacts

RTP Projects - Major capacity expansion projects would be expected to have a significant impact on GHG emissions. However, these projects are included in the RTPs and analyzed using the statewide model or Boston regional model, which would reflect their GHG impacts. Therefore, no independent TIP calculations are required.

- **Quantified Decrease in Emissions** - Projects that would be expected to produce a measurable decrease in emissions. The approach for calculating these impacts is described below. These projects should be categorized in the following manner:
- **Quantified Decrease in Emissions from Traffic Operational Improvement** - An intersection reconstruction or signalization project that is projected to reduce delay and congestion.
- **Quantified Decrease in Emissions from Pedestrian and Bicycle Infrastructure** - A shared-use path that would enable increased walking and biking and decreased vehicle-miles traveled (VMT).
- **Quantified Decrease in Emissions from New/Additional Transit Service** - A bus or shuttle service that would enable increased transit ridership and decreased VMT
- **Quantified Decrease in Emissions from a Park and Ride Lot** A park-and-ride lot that would enable increased transit ridership/ increased ridesharing and decreased VMT
- **Quantified Decrease in Emissions from Bus Replacement**
A bus replacement that would directly reduce GHG emissions generated by that bus service.
- **Quantified Decrease in Emissions from Complete Streets Improvements**
Improvements to roadway networks that include the addition of bicycle and pedestrian accommodations where none were present before.
- **Quantified Decrease in Emissions from Other Improvement**

Quantified Increase in Emissions – Projects that would be expected to produce a measurable increase in emissions

Projects with Assumed Impact

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

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

Assumed Nominal Increase in Emissions -Projects that would be expected to produce a minor increase in emissions that cannot be calculated with any precision. The projects should be categorized as a Qualitative Increase in Emissions.

Regional Greenhouse Gas Impact Summary Tables for FFY 2026 – 2030 TIP

The following tables (table 29 and table 30) summarize the calculated quantitative and assumed qualitative impacts of the projects included in the regional FFY 2026 – 2030 TIP.

Table 26 Highway Greenhouse Gas Summary Tables FFY 2026-2030

MassDot Project ID	MassDOT Project Description	GHG Analysis Type	GHG Impact Description	GHG CO2 Impact (kg/yr)	Additional Information
Federal Fiscal Year 2026					
Pioneer Valley					
608881	LONGMEADOW- SPRINGFIELD- RESURFACING AND INTERSECTION IMPROVEMENTS ON LONGMEADOW STREET (ROUTE 5) AND CONVERSE STREET (0.84 MILES)	Quantified	Quantified Decrease in Emissions from Complete Streets Project	4,774	
608886	CHESTERFIELD- RECONSTRUCTION OF NORTH ROAD AND DAMON POND ROAD	Quantified	Quantified Decrease in Emissions from Complete Streets Project	181	Complete Streets
609061	CHICOPEE- INTERSECTION IMPROVEMENTS AT MONTGOMERY STREET, GRANBY ROAD, AND MCKINSTRY AVENUE	Quantified	Quantified Decrease in Emissions from Traffic Operational Improvement	146,316	
609409	SPRINGFIELD- BRIDGE REPLACEMENT, S-24-016, ARMORY STREET OVER CSX MAINLINE & S-24-026, ARMORY STREET OVER ABANDONED CSX		No assumed impact/negligible impact on emissions	0	
610657	EASTHAMPTON- NORTHAMPTON- INSTALLATION OF A SHARED-USE PATH ALONG MOUNT TOM ROAD FROM THE MANHAN TRAIL TO ATWOOD DRIVE	Qualitative	Qualitative Decrease in Emissions	0	
611953	SPRINGFIELD- CHICOPEE- GUIDE AND TRAFFIC SIGN REPLACEMENT ON A SECTION OF INTERSTATE 291	Qualitative	No assumed impact/negligible impact on emissions	0	
612109	CHICOPEE- SOUTH HADLEY- RESURFACING AND RELATED WORK ON ROUTE 33	Qualitative	No assumed impact/negligible impact on emissions	0	Resurfacing
612176	HUNTINGTON- BRIDGE REPLACEMENT, H-27-008, ST 112 WORTHINGTON ROAD OVER WATER POND BROOK		No assumed impact/negligible impact on emissions	0	
612187	CHICOPEE- BRIDGE REPLACEMENT, C-13-038, I-391 OVER (ST 116) CHICOPEE STREET		No assumed impact/negligible impact on emissions	0	

S12835	SPRINGFIELD- ARMORY SAFE ROUTES TO NATIONAL PARKS IMPROVEMENTS	Not Applicable	No assumed impact/negligible impact on emissions	0	
Pioneer Valley			Total GHG Increase (kg/year)	0	
			Total GHG Reduction (kg/year)	151,271	
			Total GHG Difference (kg/year)	151,271	
2026			Total GHG Increase (kg/year)	0	
			Total GHG Reduction (kg/year)	151,271	
			Total GHG Difference (kg/year)	151,271	
MassDot Project ID	MassDOT Project Description	GHG Analysis Type	GHG Impact Description	GHG CO2 Impact (kg/yr)	Additional Information
Federal Fiscal Year 2027					
Pioneer Valley					
600935	HOLYOKE- BRIDGE REPLACEMENTS, H-21-014, ROUTE 141 (APPLETON STREET) OVER SECOND LEVEL CANAL & H-21-020 OVER FIRST LEVEL CANAL		No assumed impact/negligible impact on emissions	0	
607231	WILLIAMSBURG- RECONSTRUCTION OF MOUNTAIN STREET	Quantified	Quantified Decrease in Emissions from Complete Streets Project	1,038	
608466	GRANBY- RESURFACING AND RELATED WORK ON ROUTE 202 FROM KENDALL STREET TO SCHOOL STREET	Qualitative	No assumed impact/negligible impact on emissions	0	
608785	SOUTH HADLEY- RECONSTRUCTION OF MAIN STREET, FROM THE CHICOPEE CITY LINE TO CANAL STREET (0.67 MILES)	Quantified	Quantified Decrease in Emissions from Complete Streets Project	2,807	
610779	HAMPDEN- BRIDGE REPLACEMENT, H-04-004, ROCKADUNDEE BRIDGE OVER SCANTIC RIVER	Qualitative	No assumed impact/negligible impact on emissions	0	
611965	HOLYOKE- INTERSECTION IMPROVEMENTS AT BEECH STREET, RESNIC BOULEVARD, AND WEST FRANKLIN STREET	Qualitative	Qualitative Decrease in Emissions	0	
612079	CHICOPEE- HUGH SCOTT STREIBER ELEMENTARY SCHOOL IMPROVEMENTS (SRTS)		No assumed impact/negligible impact on emissions	0	

612160	MONSON- PALMER- BRIDGE REPLACEMENT, M-27-008=P-01-008, ROUTE 32 OVER QUABOAG RIVER		No assumed impact/negligible impact on emissions	0	
612167	SPRINGFIELD- BRIDGE REPLACEMENT, S-24-017, ST. JAMES AVENUE OVER CSX & S-24-071, ST. JAMES AVENUE OVER I-291		No assumed impact/negligible impact on emissions	0	
612175	RUSSELL- BRIDGE REPLACEMENT, R-13-004, BLANDFORD STAGE RD OVER STAGE BROOK		No assumed impact/negligible impact on emissions	0	
612495	SPRINGFIELD- BRIDGE REPLACEMENT, S-24-070, TAPLEY STREET OVER I-291 AND CSX	Qualitative	No assumed impact/negligible impact on emissions	0	
612600	WESTFIELD- INTERSECTION IMPROVEMENTS AT SOUTHAMPTON ROAD (ROUTE 10/202), SERVISTAR INDUSTRIAL WAY AND BARNES AIRPORT DRIVE	Qualitative	Qualitative Decrease in Emissions	0	To be quantified
612649	WEST SPRINGFIELD- AGAWAM- GUIDE AND TRAFFIC SIGN REPLACEMENT ON A SECTION OF US 5 AND ROUTE 57	Not Applicable	No assumed impact/negligible impact on emissions	0	
Pioneer Valley			Total GHG Increase (kg/year)	0	
			Total GHG Reduction (kg/year)	3,845	
			Total GHG Difference (kg/year)	3,845	
2027			Total GHG Increase (kg/year)	0	
			Total GHG Reduction (kg/year)	3,845	
			Total GHG Difference (kg/year)	3,845	
MassDot Project ID	MassDOT Project Description	GHG Analysis Type	GHG Impact Description	GHG CO2 Impact (kg/yr)	Additional Information
Federal Fiscal Year 2028					
Pioneer Valley					
605340	SPRINGFIELD- BRIDGE REPLACEMENT, S-24-028, ST. JAMES AVENUE OVER CONRAIL RAILROAD (ABANDONED)	Qualitative	No assumed impact/negligible impact on emissions	0	
607675	WILLIAMSBURG- BRIDGE REPLACEMENT, W-36-011 & W-36-017, BRIDGE STREET OVER THE MILL RIVER AND SOUTH MAIN STREET OVER THE MILL RIVER	Qualitative	No assumed impact/negligible impact on emissions	0	

608423	EASTHAMPTON- IMPROVEMENTS AND RELATED WORK ON ROUTE 10, FROM WEST STREET TO THE NORTHAMPTON TOWN LINE	Quantified	Qualitative Decrease in Emissions	0	To be Quantified
609286	NORTHAMPTON- DOWNTOWN COMPLETE STREETS CORRIDOR AND INTERSECTION IMPROVEMENTS ON MAIN STREET (ROUTE 9)	Quantified	Quantified Decrease in Emissions from Complete Streets Project	7,433	
609413	PALMER- BRIDGE REPLACEMENT, P-01-054, FLYNT STREET OVER I-90	Qualitative	No assumed impact/negligible impact on emissions	0	
612265	EAST LONGMEADOW- RESURFACING AND RELATED WORK ON NORTH MAIN STREET (ROUTE 83)	Quantified	Quantified Decrease in Emissions from Complete Streets Project	2,381	
612772	EASTHAMPTON- MOUNTAIN VIEW SCHOOL IMPROVEMENTS (SRTS)		No assumed impact/negligible impact on emissions	0	
613139	MONSON- BRIDGE REPLACEMENT, M-27-026, STAFFORD HOLLOW ROAD OVER NECRR	Qualitative	No assumed impact/negligible impact on emissions	0	
613314	HOLYOKE- WEST SPRINGFIELD- INTERSTATE PAVEMENT PRESERVATION AND RELATED WORK ON I-91		No assumed impact/negligible impact on emissions	0	
613315	HOLYOKE- EASTHAMPTON- INTERSTATE PAVEMENT PRESERVATION AND RELATED WORK ON I-91	Qualitative	No assumed impact/negligible impact on emissions	0	
613397	SOUTHAMPTON- WILLIAM E. NORRIS ELEMENTARY SCHOOL IMPROVEMENTS (SRTS)		No assumed impact/negligible impact on emissions	0	
613442	HOLYOKE- H.B. LAWRENCE ELEMENTARY SCHOOL IMPROVEMENTS (SRTS)		No assumed impact/negligible impact on emissions	0	
Pioneer Valley			Total GHG Increase (kg/year)	0	

			Total GHG Reduction (kg/year)	9,814		
			Total GHG Difference (kg/year)	9,814		
2028			Total GHG Increase (kg/year)	0		
			Total GHG Reduction (kg/year)	9,814		
			Total GHG Difference (kg/year)	9,814		
MassDot Project ID	MassDOT Project Description	GHG Analysis Type	GHG Impact Description	GHG CO2 Impact (kg/yr)	Additional Information	
Federal Fiscal Year 2029						
Pioneer Valley						
608489	WILBRAHAM- RESURFACING AND RELATED WORK ON ROUTE 20	Qualitative	No assumed impact/negligible impact on emissions	0		
612257	LONGMEADOW- RESURFACING AND RELATED WORK ON LONGMEADOW STREET (ROUTE 5) (PHASE 1)	Quantified	Quantified Decrease in Emissions from Complete Streets Project	5,301		
612780	SOUTHAMPTON- REHABILITATION/RECONSTRUCTION & RELATED WORK ON EAST STREET, FROM COLLEGE HIGHWAY (ROUTE 10) TO WHISPERING MEADOW LANE	Quantified	Quantified Decrease in Emissions from Complete Streets Project	579		
612984	MONSON- RESURFACING AND RELATED WORK ON MAIN STREET (ROUTE 32)	Quantified	Quantified Decrease in Emissions from Complete Streets Project	359		
613135	CHICOPEE- SUPERSTRUCTURE REPLACEMENT OF C-13-003, ROUTE 116 OVER BMRR	Not Applicable	No assumed impact/negligible impact on emissions	0		
613302	BELCHERTOWN- BRIDGE REPLACEMENT, B-05-006 (0PE), BARDWELL STREET OVER JABISH BROOK	Qualitative	No assumed impact/negligible impact on emissions	0		
613484	SOUTHAMPTON- GREENWAY RAIL TRAIL CONSTRUCTION, FROM COLEMAN ROAD TO ROUTE 10	Quantified	Quantified Decrease in Emissions from Bicycle and Pedestrian Infrastructure	13,343		
613515	SPRINGFIELD- SAMUEL BOWLES ELEMENTARY SCHOOL IMPROVEMENTS (SRTS)		No assumed impact/negligible impact on emissions	0		

S12996	PVTA - Buy Replacement 35-ft Electric Buses (Carbon Reduction Program Funding)	Qualitative	No assumed impact/negligible impact on emissions	0	Replacing electric buses with new electric buses
S13264	Valley Bike Share Phase 3	Quantified	Quantified Decrease in Emissions from Bicycle and Pedestrian Infrastructure	31,248	
Pioneer Valley			Total GHG Increase (kg/year)	0	
			Total GHG Reduction (kg/year)	50,830	
			Total GHG Difference (kg/year)	50,830	
2029			Total GHG Increase (kg/year)	0	
			Total GHG Reduction (kg/year)	50,830	
			Total GHG Difference (kg/year)	50,830	

MassDot Project ID	MassDOT Project Description	GHG Analysis Type	GHG Impact Description	GHG CO2 Impact (kg/yr)	Additional Information
Federal Fiscal Year 2030					
Pioneer Valley					
608787	WILLIAMSBURG- CONSTRUCTION OF THE "MILL RIVER GREENWAY" SHARED USE PATH	Qualitative	Qualitative Decrease in Emissions	0	To be quantified
610664	SPRINGFIELD- RECONSTRUCTION OF BIRNIE AVENUE AT GERENA SCHOOL PEDESTRIAN TUNNEL	Qualitative	Qualitative Decrease in Emissions	0	To be Quantified
611964	SPRINGFIELD- INTERSECTION IMPROVEMENTS AT CAREW STREET AND DWIGHT STREET	Qualitative	Qualitative Decrease in Emissions	0	To be quantified
612245	BELCHERTOWN- MASS CENTRAL RAIL TRAIL (MCRT, SECTION 1C)	Qualitative	No assumed impact/negligible impact on emissions	0	

612258	EASTHAMPTON- DOWNTOWN COMPLETE STREETS IMPROVEMENTS ON MAIN AND NORTHAMPTON STREETS (ROUTE 10)	Quantified	Quantified Decrease in Emissions from Complete Streets Project	2,772	
612494	SPRINGFIELD- WEST SPRINGFIELD- BRIDGE REPLACEMENT, S-24-003=W-21-002, (US-20) PARK AVENUE OVER CONNECTICUT RIVER	Qualitative	No assumed impact/negligible impact on emissions	0	
613119	LUDLOW- SPRINGFIELD- BRIDGE REPLACEMENT, L-16-008=S-24-002, ST 21 (LUDLOW AVENUE) OVER CHICOPEE RIVER	Not Applicable	No assumed impact/negligible impact on emissions	0	
613320	HOLYOKE- CORRIDOR IMPROVEMENTS ON HIGH AND MAPLE STREETS	Qualitative	Quantified Decrease in Emissions from Complete Streets Project	0	To be quantified
613651	BLANDFORD- CULVERT REPLACEMENT, B-14-028, ROUTE 23 OVER POND BROOK		No assumed impact/negligible impact on emissions	0	
S12988	WEST SPRINGFIELD- RAILROAD CROSSING ELIMINATION ON FRONT STREET (CROSSING NO. DOT525901A)	Not Applicable	No assumed impact/negligible impact on emissions	0	
Pioneer Valley			Total GHG Increase (kg/year)	0	
			Total GHG Reduction (kg/year)	2,772	
			Total GHG Difference (kg/year)	2,772	
2030			Total GHG Increase (kg/year)	0	
			Total GHG Reduction (kg/year)	2,772	
			Total GHG Difference (kg/year)	2,772	

2026 - 2030

Total GHG Increase
(kg/year) 0

Total GHG Reduction
(kg/year) 218,532

Total GHG Difference
(kg/year) 218,532

Table 27 Transit GHG Summary 2026-2030

Year	MassDot Project ID	MPO Region	MassDOT Project Description	GHG Analysis Type	GHG Impact Description	GHG CO2 Impact (kg/yr)	Total Cost	Additional Information
2025	PVTA011785	Pioneer Valley Transit Authority	Pioneer Valley Transit Authority REHAB/RENOVATION NORTHAMPTON O&M FACILITY Emergency Generator and Sealcoat Asphalt and Restripe	Not Applicable	No assumed impact/negligible impact on emissions	0		
	PVTA011786	Pioneer Valley Transit Authority	Pioneer Valley Transit Authority - UMass Bus Maintenance Facility Upgrades - Replace leaking hydraulic lift, Overhead door rebuild replacement; upgrade building walkway and LED lights to parking areas, sealcoat asphalt parking lots and restripe	Not Applicable	No assumed impact/negligible impact on emissions	0		
	PVTA011787	Pioneer Valley Transit Authority	Pioneer Valley Transit Authority - REHAB/RENOVATE - Holyoke Transit Center - Canopy and Pavement Upgrades	Not Applicable	No assumed impact/negligible impact on emissions	0		
	PVTA011788	Pioneer Valley Transit Authority	Pioneer Valley Transit Authority - REHAB/RENOVATE - Main ST O&M FACILITY Fill in retired maintenance pits	Not Applicable	No assumed impact/negligible impact on emissions	0		
	PVTA011789	Pioneer Valley Transit Authority	Pioneer Valley Transit Authority - REHAB/RENOVATE - Cottage Street Facility - Bus Tire Carousel	Not Applicable	No assumed impact/negligible impact on emissions	0		
	PVTA011790	Pioneer Valley Transit Authority	Pioneer Valley Transit Authority - REHAB/RENOVATE - Cottage Street Facility - Rooftop Solar Array Integration	Not Applicable	No assumed impact/negligible impact on emissions	0		
	PVTA011795	Pioneer Valley Transit Authority	Pioneer Valley Transit Authority - REHAB/RENOVATE - OLVER Transit Pavilion Sealcoat asphalt parking lot area	Not Applicable	No assumed impact/negligible impact on emissions	0		

RTD0008781	Pioneer Valley Transit Authority	Pioneer Valley Transit Authority - Paratransit Vans -10-14 Passenger	Quantified	Quantified Decrease in Emissions from Bus Replacement	0		260181.812 kg/yr per van
RTD0009860	Pioneer Valley Transit Authority	Pioneer Valley Transit Authority - Environmental Compliance	Not Applicable	No assumed impact/negligible impact on emissions	0		
RTD0010244	Pioneer Valley Transit Authority	Pioneer Valley Transit Authority - BUY REPLACEMENT 40-FT Hybrid BUS	Qualitative	Qualitative Decrease in Emissions	0		
RTD0010907	Pioneer Valley Transit Authority	Pioneer Valley Transit Authority - PURCHASE BUS SHELTERS	Not Applicable	No assumed impact/negligible impact on emissions	0		
RTD0010908	Pioneer Valley Transit Authority	Pioneer Valley Transit Authority - Signage and Lighting	Not Applicable	No assumed impact/negligible impact on emissions	0		
RTD0010909	Pioneer Valley Transit Authority	Pioneer Valley Transit Authority - Bike access Equipment	Qualitative	Qualitative Decrease in Emissions	0		Will make transit more appealing.
RTD0010910	Pioneer Valley Transit Authority	Pioneer Valley Transit Authority - Information Technology Systems	Not Applicable	No assumed impact/negligible impact on emissions	0		
RTD0010911	Pioneer Valley Transit Authority	Pioneer Valley Transit Authority - Rehab Northampton Maintenance Facility, Year 3, 4 and 5	Qualitative	No assumed impact/negligible impact on emissions	0		
RTD0010912	Pioneer Valley Transit Authority	Pioneer Valley Transit Authority - Umass Bus Maintenance Facility - Upgrade Bus Bay Lateral Expansion	Qualitative	No assumed impact/negligible impact on emissions	0		

RTD0010914	Pioneer Valley Transit Authority	Pioneer Valley Transit Authority - Purchase Shop Equipment - All Garages	Qualitative	No assumed impact/negligible impact on emissions	0		
RTD0010915	Pioneer Valley Transit Authority	Pioneer Valley Transit Authority - ADA Operating Assistance	Qualitative	No assumed impact/negligible impact on emissions	0		
RTD0010933	Pioneer Valley Transit Authority	Pioneer Valley Transit Authority - PREVENTIVE MAINTENANCE	Not Applicable	No assumed impact/negligible impact on emissions	0		
RTD0010948	Pioneer Valley Transit Authority	Pioneer Valley Transit Authority - BUY REPLACEMENT <30 FT BUS Type D Shuttle Bus	Quantified	Quantified Decrease in Emissions from Bus Replacement	0		260181.813 kg per year per Type D Shuttle
RTD0010949	Pioneer Valley Transit Authority	Pioneer Valley Transit Authority - ACQUIRE - SUPPORT VEHICLES (3)	Not Applicable	No assumed impact/negligible impact on emissions	0		
RTD0010951	Pioneer Valley Transit Authority	Pioneer Valley Transit Authority - PREVENTIVE MAINTENANCE - State of Good Repair	Not Applicable	No assumed impact/negligible impact on emissions	0		
RTD0010954	Pioneer Valley Transit Authority	Pioneer Valley Transit Authority - REHAB/RENOVATE - Main ST O&M FACILITY Main St O&M Masonry Repairs to buildings envelope	Not Applicable	No assumed impact/negligible impact on emissions	0		
RTD0010955	Pioneer Valley Transit Authority	Pioneer Valley Transit Authority - SHORT RANGE TRANSIT PLANNING	Not Applicable	No assumed impact/negligible impact on emissions	0		
RTD0010959	Pioneer Valley Transit Authority	Pioneer Valley Transit Authority - ACQUIRE - Supervisory VEHICLES	Not Applicable	No assumed impact/negligible impact on emissions	0		

	RTD0011371	Pioneer Valley Transit Authority	Pioneer Valley Transit Authority - BUY REPL 60 ft ARTICULATED BUS	Qualitative	No assumed impact/negligible impact on emissions	0		
	RTD0011374	Pioneer Valley Transit Authority	Pioneer Valley Transit Authority BUY REPLACEMENT 40-FT Electric BUS	Qualitative	No assumed impact/negligible impact on emissions	0		Replacing electric buses with New electric buses
	RTD0011375	Pioneer Valley Transit Authority	Pioneer Valley Transit Authority - BUY REPLACEMENT 35-FT Electric BUS	Qualitative	No assumed impact/negligible impact on emissions	0		Replacing electric buses with new electric buses
	RTD0011381	Pioneer Valley Transit Authority	Pioneer Valley Transit Authority - REHAB/RENOVATE - ADMIN/MAINT FACILITY - Main St Flat Roof Fall Protection and repair/paint ceilings and walls	Not Applicable	No assumed impact/negligible impact on emissions	0		
	RTD0011399	Pioneer Valley Transit Authority	Pioneer Valley Transit Authority - REHAB/RENOVATE - MAINTENANCE FACILITY - Springfield O&M Facility at Cottage St. Electric Bus Chargers Expansion and Upgrades	Not Applicable	No assumed impact/negligible impact on emissions	0		
2026	PVTA011781	Pioneer Valley Transit Authority	Pioneer Valley Transit Authority Replacement of Articulated 60' Transit Buses and the replacement of two 40' with 60' buses	Qualitative	No assumed impact/negligible impact on emissions	0		Replacement of Articulated 60' Transit Buses and the replacement of two 40' with 60' buses due to overcrowding at various routes in the northern portion of the service area providing transit service to UMass Amherst and the Five Colleges.
	PVTA011786	Pioneer Valley Transit Authority	Pioneer Valley Transit Authority - UMass Bus Maintenance Facility Upgrades - Replace leaking hydraulic lift, Overhead door rebuild replacement; upgrade building walkway and LED lights to parking areas, sealcoat asphalt parking lots and restripe	Not Applicable	No assumed impact/negligible impact on emissions	0		

PVTA011793	Pioneer Valley Transit Authority	Pioneer Valley Transit Authority - REHAB/RENOVATE - Cottage St. MAINTENANCE FACILITY - Sealcoat Asphalt Parking lot		No assumed impact/negligible impact on emissions	0		
PVTA011794	Pioneer Valley Transit Authority	Pioneer Valley Transit Authority - REHAB/RENOVATE - Cottage Street FACILITY - Alternative Fuel Expansion Phase II and IV	Not Applicable	No assumed impact/negligible impact on emissions	0		
RTD0008781	Pioneer Valley Transit Authority	Pioneer Valley Transit Authority - Paratransit Vans -10-14 Passenger	Quantified	Quantified Decrease in Emissions from Bus Replacement	0		260181.812 kg/yr per van
RTD0009860	Pioneer Valley Transit Authority	Pioneer Valley Transit Authority - Environmental Compliance	Not Applicable	No assumed impact/negligible impact on emissions	0		
RTD0010244	Pioneer Valley Transit Authority	Pioneer Valley Transit Authority - BUY REPLACEMENT 40-FT Hybrid BUS	Qualitative	Qualitative Decrease in Emissions	0		
RTD0010907	Pioneer Valley Transit Authority	Pioneer Valley Transit Authority - PURCHASE BUS SHELTERS	Not Applicable	No assumed impact/negligible impact on emissions	0		
RTD0010908	Pioneer Valley Transit Authority	Pioneer Valley Transit Authority - Signage and Lighting	Not Applicable	No assumed impact/negligible impact on emissions	0		
RTD0010909	Pioneer Valley Transit Authority	Pioneer Valley Transit Authority - Bike access Equipment	Qualitative	Qualitative Decrease in Emissions	0		Will make transit more appealing.
RTD0010910	Pioneer Valley Transit Authority	Pioneer Valley Transit Authority - Information Technology Systems	Not Applicable	No assumed impact/negligible impact on emissions	0		

RTD0010912	Pioneer Valley Transit Authority	Pioneer Valley Transit Authority - Umass Bus Maintenance Facility - Upgrade Bus Bay Lateral Expansion	Qualitative	No assumed impact/negligible impact on emissions	0		
RTD0010914	Pioneer Valley Transit Authority	Pioneer Valley Transit Authority - Purchase Shop Equipment - All Garages	Qualitative	No assumed impact/negligible impact on emissions	0		
RTD0010915	Pioneer Valley Transit Authority	Pioneer Valley Transit Authority - ADA Operating Assistance	Qualitative	No assumed impact/negligible impact on emissions	0		
RTD0010933	Pioneer Valley Transit Authority	Pioneer Valley Transit Authority - PREVENTIVE MAINTENANCE	Not Applicable	No assumed impact/negligible impact on emissions	0		
RTD0010949	Pioneer Valley Transit Authority	Pioneer Valley Transit Authority - ACQUIRE - SUPPORT VEHICLES (3)	Not Applicable	No assumed impact/negligible impact on emissions	0		
RTD0010951	Pioneer Valley Transit Authority	Pioneer Valley Transit Authority - PREVENTIVE MAINTENANCE - State of Good Repair	Not Applicable	No assumed impact/negligible impact on emissions	0		
RTD0010954	Pioneer Valley Transit Authority	Pioneer Valley Transit Authority - REHAB/RENOVATE - Main ST O&M FACILITY Main St O&M Masonry Repairs to buildings envelope	Not Applicable	No assumed impact/negligible impact on emissions	0		
RTD0010955	Pioneer Valley Transit Authority	Pioneer Valley Transit Authority - SHORT RANGE TRANSIT PLANNING	Not Applicable	No assumed impact/negligible impact on emissions	0		
RTD0010959	Pioneer Valley Transit Authority	Pioneer Valley Transit Authority - ACQUIRE - Supervisory VEHICLES	Not Applicable	No assumed impact/negligible impact on emissions	0		

RTD0010973	Pioneer Valley Transit Authority	Pioneer Valley Transit Authority - REHAB/RENOVATE - Northampton MAINTENANCE FACILITY - Noho EV Bus Charging Stations Installations	Not Applicable	No assumed impact/negligible impact on emissions	0		
RTD0010974	Pioneer Valley Transit Authority	Pioneer Valley Transit Authority - REHAB/RENOVATE - UMass MAINTENANCE FACILITY - AC MAINTENANCE AND RESTROOM UPGRADES	Not Applicable	No assumed impact/negligible impact on emissions	0		
RTD0010975	Pioneer Valley Transit Authority	Pioneer Valley Transit Authority - REHAB/RENOVATE - MAINTENANCE FACILITY - Holyoke ITC Lower Level Renovations and Paratransit Offices	Not Applicable	No assumed impact/negligible impact on emissions	0		
RTD0011374	Pioneer Valley Transit Authority	Pioneer Valley Transit Authority BUY REPLACEMENT 40-FT Electric BUS	Qualitative	No assumed impact/negligible impact on emissions	0		Replacing electric buses with New electric buses
RTD0011375	Pioneer Valley Transit Authority	Pioneer Valley Transit Authority - BUY REPLACEMENT 35-FT Electric BUS	Qualitative	No assumed impact/negligible impact on emissions	0		Replacing electric buses with new electric buses
RTD0011399	Pioneer Valley Transit Authority	Pioneer Valley Transit Authority - REHAB/RENOVATE - MAINTENANCE FACILITY - Springfield O&M Facility at Cottage St. Electric Bus Chargers Expansion and Upgrades	Not Applicable	No assumed impact/negligible impact on emissions	0		
RTD0011400	Pioneer Valley Transit Authority	Pioneer Valley Transit Authority - REHAB/RENOVATE - ADMIN/MAINT FACILITY Main St Paratransit O&M - Fuel UST and AST and Steel Painting	Not Applicable	No assumed impact/negligible impact on emissions	0		

2027	PVTA011781	Pioneer Valley Transit Authority	Pioneer Valley Transit Authority Replacement of Articulated 60' Transit Buses and the replacement of two 40' with 60' buses	Qualitative	No assumed impact/negligible impact on emissions	0		Replacement of Articulated 60' Transit Buses and the replacement of two 40' with 60' buses due to overcrowding at various routes in the northern portion of the service area providing transit service to UMass Amherst and the Five Colleges.
	PVTA011794	Pioneer Valley Transit Authority	Pioneer Valley Transit Authority - REHAB/RENOVATE - Cottage Street FACILITY - Alternative Fuel Expansion Phase II and IV	Not Applicable	No assumed impact/negligible impact on emissions	0		
	RTD0008781	Pioneer Valley Transit Authority	Pioneer Valley Transit Authority - Paratransit Vans -10-14 Passenger	Quantified	Quantified Decrease in Emissions from Bus Replacement	0		260181.812 kg/yr per van
	RTD0009860	Pioneer Valley Transit Authority	Pioneer Valley Transit Authority - Environmental Compliance	Not Applicable	No assumed impact/negligible impact on emissions	0		
	RTD0010907	Pioneer Valley Transit Authority	Pioneer Valley Transit Authority - PURCHASE BUS SHELTERS	Not Applicable	No assumed impact/negligible impact on emissions	0		
	RTD0010908	Pioneer Valley Transit Authority	Pioneer Valley Transit Authority - Signage and Lighting	Not Applicable	No assumed impact/negligible impact on emissions	0		
	RTD0010909	Pioneer Valley	Pioneer Valley Transit Authority - Bike access Equipment	Qualitative	Qualitative Decrease in Emissions	0		Will make transit more appealing.

	Transit Authority						
RTD0010910	Pioneer Valley Transit Authority	Pioneer Valley Transit Authority - Information Technology Systems	Not Applicable	No assumed impact/negligible impact on emissions	0		
RTD0010911	Pioneer Valley Transit Authority	Pioneer Valley Transit Authority - Rehab Northampton Maintenance Facility, Year 3, 4 and 5	Qualitative	No assumed impact/negligible impact on emissions	0		
RTD0010912	Pioneer Valley Transit Authority	Pioneer Valley Transit Authority - Umass Bus Maintenance Facility - Upgrade Bus Bay Lateral Expansion	Qualitative	No assumed impact/negligible impact on emissions	0		
RTD0010914	Pioneer Valley Transit Authority	Pioneer Valley Transit Authority - Purchase Shop Equipment - All Garages	Qualitative	No assumed impact/negligible impact on emissions	0		
RTD0010915	Pioneer Valley Transit Authority	Pioneer Valley Transit Authority - ADA Operating Assistance	Qualitative	No assumed impact/negligible impact on emissions	0		
RTD0010933	Pioneer Valley Transit Authority	Pioneer Valley Transit Authority - PREVENTIVE MAINTENANCE	Not Applicable	No assumed impact/negligible impact on emissions	0		
RTD0010951	Pioneer Valley Transit Authority	Pioneer Valley Transit Authority - PREVENTIVE MAINTENANCE - State of Good Repair	Not Applicable	No assumed impact/negligible impact on emissions	0		
RTD0010955	Pioneer Valley Transit Authority	Pioneer Valley Transit Authority - SHORT RANGE TRANSIT PLANNING	Not Applicable	No assumed impact/negligible impact on emissions	0		

RTD0010959	Pioneer Valley Transit Authority	Pioneer Valley Transit Authority - ACQUIRE - Supervisory VEHICLES	Not Applicable	No assumed impact/negligible impact on emissions	0		
RTD0010973	Pioneer Valley Transit Authority	Pioneer Valley Transit Authority - REHAB/RENOVATE - Northampton MAINTENANCE FACILITY - Noho EV Bus Charging Stations Installations	Not Applicable	No assumed impact/negligible impact on emissions	0		
RTD0010974	Pioneer Valley Transit Authority	Pioneer Valley Transit Authority - REHAB/RENOVATE - UMass MAINTENANCE FACILITY - AC MAINTENANCE AND RESTROOM UPGRADES	Not Applicable	No assumed impact/negligible impact on emissions	0		
RTD0010975	Pioneer Valley Transit Authority	Pioneer Valley Transit Authority - REHAB/RENOVATE - MAINTENANCE FACILITY - Holyoke ITC Lower Level Renovations and Paratransit Offices	Not Applicable	No assumed impact/negligible impact on emissions	0		
RTD0011371	Pioneer Valley Transit Authority	Pioneer Valley Transit Authority - BUY REPL 60 ft ARTICULATED BUS	Qualitative	No assumed impact/negligible impact on emissions	0		
RTD0011374	Pioneer Valley Transit Authority	Pioneer Valley Transit Authority BUY REPLACEMENT 40-FT Electric BUS	Qualitative	No assumed impact/negligible impact on emissions	0		Replacing electric buses with New electric buses
RTD0011375	Pioneer Valley Transit Authority	Pioneer Valley Transit Authority - BUY REPLACEMENT 35-FT Electric BUS	Qualitative	No assumed impact/negligible impact on emissions	0		Replacing electric buses with new electric buses
RTD0011399	Pioneer Valley Transit Authority	Pioneer Valley Transit Authority - REHAB/RENOVATE - MAINTENANCE FACILITY - Springfield O&M Facility at Cottage St. Electric Bus Chargers Expansion and Upgrades	Not Applicable	No assumed impact/negligible impact on emissions	0		
RTD0011400	Pioneer Valley Transit Authority	Pioneer Valley Transit Authority - REHAB/RENOVATE - ADMIN/MAINT FACILITY Main St Paratransit O&M - Fuel UST and AST and Steel Painting	Not Applicable	No assumed impact/negligible impact on emissions	0		

2028	PVTA011786	Pioneer Valley Transit Authority	Pioneer Valley Transit Authority - UMass Bus Maintenance Facility Upgrades - Replace leaking hydraulic lift, Overhead door rebuild replacement; upgrade building walkway and LED lights to parking areas, sealcoat asphalt parking lots and restripe	Not Applicable	No assumed impact/negligible impact on emissions	0		
	PVTA011791	Pioneer Valley Transit Authority	Pioneer Valley Transit Authority - REHAB/RENOVATE - Admin Building OPERATIONS FACILITY - Main St Replace Rooftop HVAC and Systems Control	Not Applicable	No assumed impact/negligible impact on emissions	0		
	PVTA011792	Pioneer Valley Transit Authority	Pioneer Valley Transit Authority - REHAB/RENOVATE - Main St. ADMIN FACILITY - Sealcoat asphalt parking lot	Not Applicable	No assumed impact/negligible impact on emissions	0		
	PVTA011794	Pioneer Valley Transit Authority	Pioneer Valley Transit Authority - REHAB/RENOVATE - Cottage Street FACILITY - Alternative Fuel Expansion Phase II and IV	Not Applicable	No assumed impact/negligible impact on emissions	0		
	RTD0008781	Pioneer Valley Transit Authority	Pioneer Valley Transit Authority - Paratransit Vans -10-14 Passenger	Quantified	Quantified Decrease in Emissions from Bus Replacement	2,601,818		260181.812 kg/yr per van
	RTD0009860	Pioneer Valley Transit Authority	Pioneer Valley Transit Authority - Environmental Compliance	Not Applicable	No assumed impact/negligible impact on emissions	0		
	RTD0010907	Pioneer Valley Transit Authority	Pioneer Valley Transit Authority - PURCHASE BUS SHELTERS	Not Applicable	No assumed impact/negligible impact on emissions	0		
	RTD0010908	Pioneer Valley Transit Authority	Pioneer Valley Transit Authority - Signage and Lighting	Not Applicable	No assumed impact/negligible impact on emissions	0		
	RTD0010909	Pioneer Valley Transit Authority	Pioneer Valley Transit Authority - Bike access Equipment	Qualitative	Qualitative Decrease in Emissions	0		Will make transit more appealing.

RTD0010910	Pioneer Valley Transit Authority	Pioneer Valley Transit Authority - Information Technology Systems	Not Applicable	No assumed impact/negligible impact on emissions	0		
RTD0010911	Pioneer Valley Transit Authority	Pioneer Valley Transit Authority - Rehab Northampton Maintenance Facility, Year 3, 4 and 5	Qualitative	No assumed impact/negligible impact on emissions	0		
RTD0010914	Pioneer Valley Transit Authority	Pioneer Valley Transit Authority - Purchase Shop Equipment - All Garages	Qualitative	No assumed impact/negligible impact on emissions	0		
RTD0010915	Pioneer Valley Transit Authority	Pioneer Valley Transit Authority - ADA Operating Assistance	Qualitative	No assumed impact/negligible impact on emissions	0		
RTD0010928	Pioneer Valley Transit Authority	Pioneer Valley Transit Authority - REHAB/RENOVATE - Main St. MAINTENANCE FACILITY - Main St O&M Renovate Office	Not Applicable	No assumed impact/negligible impact on emissions	0		
RTD0010933	Pioneer Valley Transit Authority	Pioneer Valley Transit Authority - PREVENTIVE MAINTENANCE	Not Applicable	No assumed impact/negligible impact on emissions	0		
RTD0010951	Pioneer Valley Transit Authority	Pioneer Valley Transit Authority - PREVENTIVE MAINTENANCE - State of Good Repair	Not Applicable	No assumed impact/negligible impact on emissions	0		
RTD0010955	Pioneer Valley Transit Authority	Pioneer Valley Transit Authority - SHORT RANGE TRANSIT PLANNING	Not Applicable	No assumed impact/negligible impact on emissions	0		
RTD0010959	Pioneer Valley Transit Authority	Pioneer Valley Transit Authority - ACQUIRE - Supervisory VEHICLES	Not Applicable	No assumed impact/negligible impact on emissions	0		

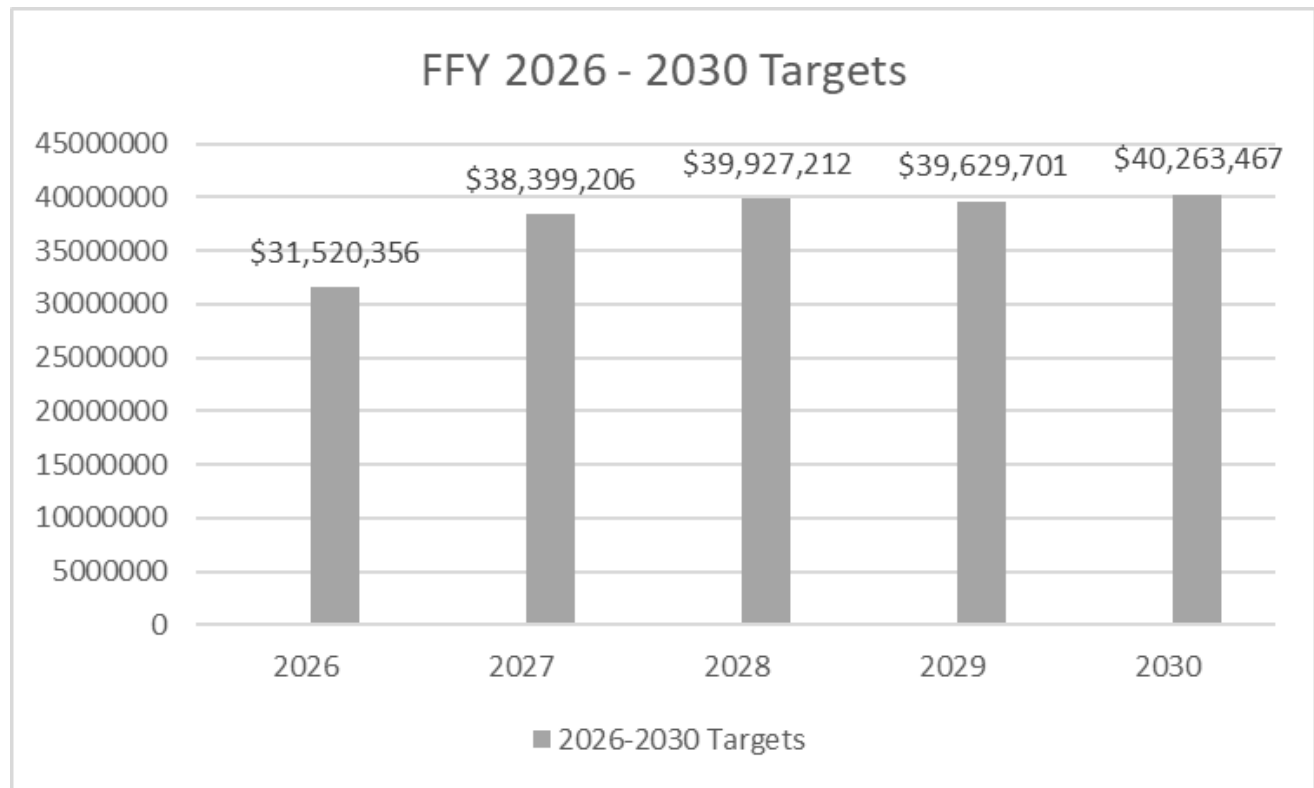
	RTD0011374	Pioneer Valley Transit Authority	Pioneer Valley Transit Authority BUY REPLACEMENT 40-FT Electric BUS	Qualitative	No assumed impact/negligible impact on emissions	0		Replacing electric buses with New electric buses
	RTD0011375	Pioneer Valley Transit Authority	Pioneer Valley Transit Authority - BUY REPLACEMENT 35-FT Electric BUS	Qualitative	No assumed impact/negligible impact on emissions	0		Replacing electric buses with new electric buses
	RTD0011399	Pioneer Valley Transit Authority	Pioneer Valley Transit Authority - REHAB/RENOVATE - MAINTENANCE FACILITY - Springfield O&M Facility at Cottage St. Electric Bus Chargers Expansion and Upgrades	Not Applicable	No assumed impact/negligible impact on emissions	0		
2029	PVTA011794	Pioneer Valley Transit Authority	Pioneer Valley Transit Authority - REHAB/RENOVATE - Cottage Street FACILITY - Alternative Fuel Expansion Phase II and IV	Not Applicable	No assumed impact/negligible impact on emissions	0		
	RTD0009860	Pioneer Valley Transit Authority	Pioneer Valley Transit Authority - Environmental Compliance	Not Applicable	No assumed impact/negligible impact on emissions	0		
	RTD0010907	Pioneer Valley Transit Authority	Pioneer Valley Transit Authority - PURCHASE BUS SHELTERS	Not Applicable	No assumed impact/negligible impact on emissions	0		
	RTD0010908	Pioneer Valley Transit Authority	Pioneer Valley Transit Authority - Signage and Lighting	Not Applicable	No assumed impact/negligible impact on emissions	0		
	RTD0010909	Pioneer Valley Transit Authority	Pioneer Valley Transit Authority - Bike access Equipment	Qualitative	Qualitative Decrease in Emissions	0		Will make transit more appealing.
	RTD0010910	Pioneer Valley Transit Authority	Pioneer Valley Transit Authority - Information Technology Systems	Not Applicable	No assumed impact/negligible impact on emissions	0		

RTD0010914	Pioneer Valley Transit Authority	Pioneer Valley Transit Authority - Purchase Shop Equipment - All Garages	Qualitative	No assumed impact/negligible impact on emissions	0		
RTD0010915	Pioneer Valley Transit Authority	Pioneer Valley Transit Authority - ADA Operating Assistance	Qualitative	No assumed impact/negligible impact on emissions	0		
RTD0010928	Pioneer Valley Transit Authority	Pioneer Valley Transit Authority - REHAB/RENOVATE - Main St. MAINTENANCE FACILITY - Main St O&M Renovate Office	Not Applicable	No assumed impact/negligible impact on emissions	0		
RTD0010933	Pioneer Valley Transit Authority	Pioneer Valley Transit Authority - PREVENTIVE MAINTENANCE	Not Applicable	No assumed impact/negligible impact on emissions	0		
RTD0010948	Pioneer Valley Transit Authority	Pioneer Valley Transit Authority - BUY REPLACEMENT <30 FT BUS Type D Shuttle Bus	Quantified	Quantified Decrease in Emissions from Bus Replacement	520,364		260181.813 kg per year per Type D Shuttle
RTD0010949	Pioneer Valley Transit Authority	Pioneer Valley Transit Authority - ACQUIRE - SUPPORT VEHICLES (3)	Not Applicable	No assumed impact/negligible impact on emissions	0		
RTD0010951	Pioneer Valley Transit Authority	Pioneer Valley Transit Authority - PREVENTIVE MAINTENANCE - State of Good Repair	Not Applicable	No assumed impact/negligible impact on emissions	0		
RTD0010955	Pioneer Valley Transit Authority	Pioneer Valley Transit Authority - SHORT RANGE TRANSIT PLANNING	Not Applicable	No assumed impact/negligible impact on emissions	0		
RTD0010959	Pioneer Valley Transit Authority	Pioneer Valley Transit Authority - ACQUIRE - Supervisory VEHICLES	Not Applicable	No assumed impact/negligible impact on emissions	0		

	RTD0011374	Pioneer Valley Transit Authority	Pioneer Valley Transit Authority BUY REPLACEMENT 40-FT Electric BUS	Qualitative	No assumed impact/negligible impact on emissions	0		Replacing electric buses with New electric buses
	RTD0011375	Pioneer Valley Transit Authority	Pioneer Valley Transit Authority - BUY REPLACEMENT 35-FT Electric BUS	Qualitative	No assumed impact/negligible impact on emissions	0		Replacing electric buses with new electric buses

APPENDICES

APPENDIX A: MassDOT Targets



Federal Fiscal Year 2026		STIP: 2026 - 2030 (D)		
		Federal Aid Funds	Matching Funds	FFY 2026 (Proposed) (Fed Aid + Match)
Balance Obligation Authority		\$772,810,988		
Planned Redistribution Request		\$50,000,000		
Total Non-earmarked Funding Available		\$822,810,988	\$159,679,312	
Planning/Adjustments/Pass-throughs		\$205,258,872	\$17,276,622	\$222,535,494
GANS Repayment		\$133,620,000	\$0	\$133,620,000
Award Adjustments, Change Orders, etc.		\$22,225,500	\$5,556,375	\$27,781,875
Metropolitan Planning		\$11,552,321	\$2,888,080	\$14,440,402
State Planning & Research		\$14,649,673	\$3,662,418	\$18,312,091
Recreational Trails		\$1,186,729	\$296,682	\$1,483,411
SRTS Education		\$1,951,346	\$487,837	\$2,439,183
Transit Grant Program		\$0	\$0	\$0
Flex to FTA		\$0	\$0	\$0
Railroad Crossings		\$2,532,382	\$0	\$2,532,382
Carbon Reduction		\$17,540,921	\$4,385,230	\$21,926,151
Regional Priorities				
Regional Share (%)	MPO	\$233,268,128	\$58,317,032	\$291,585,160
3.5596	Berkshire Region	\$8,303,412	\$2,075,853	\$10,379,265
42.9671	Boston Region	\$100,228,550	\$25,057,137	\$125,285,687
4.5851	Cape Cod	\$10,695,577	\$2,673,894	\$13,369,471
8.6901	Central Mass	\$20,271,234	\$5,067,808	\$25,339,042
2.5397	Franklin Region	\$5,924,311	\$1,481,078	\$7,405,388
0.3100	Martha's Vineyard	\$723,131	\$180,783	\$903,914
4.4296	Merrimack Valley	\$10,332,845	\$2,583,211	\$12,916,056
4.4596	Montachusett	\$10,402,825	\$2,600,706	\$13,003,532
0.2200	Nantucket	\$513,190	\$128,297	\$641,487
3.9096	Northern Middlesex	\$9,119,851	\$2,279,963	\$11,399,813
4.5595	Old Colony	\$10,635,860	\$2,658,965	\$13,294,825
10.8100	Pioneer Valley	\$25,216,285	\$6,304,071	\$31,520,356
8.9601	Southeastern Mass	\$20,901,058	\$5,225,264	\$26,126,322
Highway		\$384,283,989	\$84,085,657	\$468,369,646

<u>Reliability</u>		\$274,118,757	\$59,669,349	\$333,788,107
	Interstate Pavement	\$38,473,514	\$4,274,835	\$42,748,349
	Non-Interstate Pavement	\$55,000,000	\$13,750,000	\$68,750,000
	Roadway Improvements	\$0	\$0	\$0
	Safety Improvements	\$25,320,913	\$2,813,432	\$28,134,345
	Highway Resiliency Improvement Program	\$12,000,000	\$3,000,000	\$15,000,000
	Bridge	\$143,324,330	\$35,831,083	\$179,155,413
	Bridge Inspections	\$14,320,000	\$3,580,000	\$17,900,000
	Bridge Systematic Maintenance	\$0	\$0	\$0
	Bridge On-system NHS	\$94,856,125	\$23,714,031	\$118,570,156
	Bridge On-system Non-NHS	\$0	\$0	\$0
	Bridge Off-system	\$34,148,205	\$8,537,051	\$42,685,256
<u>Modernization</u>		\$85,165,231	\$18,166,308	\$103,331,539
	ADA Retrofits	\$4,400,000	\$1,100,000	\$5,500,000
	Intersection Improvements	\$22,500,000	\$2,500,000	\$25,000,000
	Intelligent Transportation Systems	\$8,000,000	\$2,000,000	\$10,000,000
	Roadway Reconstruction	\$30,665,231	\$7,666,308	\$38,331,539
	Safe Routes to School	\$12,000,000	\$3,000,000	\$15,000,000
	Freight	\$7,600,000	\$1,900,000	\$9,500,000
<u>Expansion</u>		\$25,000,000	\$6,250,000	\$31,250,000
	Bicycle and Pedestrian	\$25,000,000	\$6,250,000	\$31,250,000
	Capacity	\$0	\$0	\$0
Grand Total Formula Funds		\$822,810,988	\$159,679,312	\$982,490,300
Difference from Funds Available		\$0		
Highway (Non-Core)		\$240,672,860	\$51,721,108	\$292,393,968
<u>Reliability</u>		\$225,256,191	\$47,866,941	\$273,123,131
	Bridge	\$225,256,191	\$47,866,941	\$273,123,132
	Bridge Systematic Maintenance NB	\$52,000,000	\$13,000,000	\$65,000,000
	Bridge On-System NHS NB	\$132,710,693	\$33,177,673	\$165,888,366
	Bridge On-system Non-NHS NB	\$6,757,069	\$1,689,267	\$8,446,336
	Bridge Off-system Local NB	\$33,788,429	\$0	\$33,788,429
	Bridge Off-System State NB	\$0	\$0	\$0
<u>Modernization</u>		\$15,416,669	\$3,854,167	\$19,270,836
	Electric Vehicle Infrastructure	\$13,522,732	\$3,380,683	\$16,903,415
	Ferry Boat Program	\$1,893,937	\$473,484	\$2,367,421
Grand Total + Non-Formula Programs		\$1,063,483,848	\$211,400,419	\$1,274,884,267

Federal Fiscal Year 2027		STIP: 2026 - 2030 (D)		
		FFY 2027 (Proposed) (Fed Aid + Match)		
		Federal Aid Funds	Matching Funds	
Balance Obligation Authority		\$785,810,103		
Planned Redistribution Request		\$50,000,000		
Total Non-earmarked Funding Available		\$835,810,103	\$198,380,173	\$1,132,701,704
Planning/Adjustments/Pass-throughs		\$72,513,730	\$17,495,337	\$90,009,067
GANS Repayment		\$0	\$0	\$0
Award Adjustments, Change Orders, etc.		\$22,225,500	\$5,556,375	\$27,781,875
Metropolitan Planning		\$11,783,368	\$2,945,842	\$14,729,210
State Planning & Research		\$14,942,666	\$3,735,667	\$18,678,333
Recreational Trails		\$1,186,729	\$296,682	\$1,483,411
SRTS Education		\$1,951,346	\$487,837	\$2,439,183
Transit Grant Program		\$0	\$0	\$0
Flex to FTA		\$0	\$0	\$0
Railroad Crossings		\$2,532,382	\$0	\$2,532,382
Carbon Reduction		\$17,891,739	\$4,472,935	\$22,364,674
Regional Priorities				
Regional Share (%)	MPO	\$284,175,435	\$72,209,734	\$361,048,668
3.5596	Berkshire Region	\$10,115,509	\$2,528,877	\$12,644,386
42.9671	Boston Region	\$122,101,943	\$30,525,486	\$152,627,429
4.5851	Cape Cod	\$13,029,728	\$3,257,432	\$16,287,160
8.6901	Central Mass	\$24,695,129	\$6,173,782	\$30,868,912
2.5397	Franklin Region	\$7,217,204	\$1,804,301	\$9,021,504
0.3100	Martha's Vineyard	\$880,944	\$220,236	\$1,101,180
4.4296	Merrimack Valley	\$12,587,835	\$3,146,959	\$15,734,794
4.4596	Montachusett	\$12,673,088	\$3,168,272	\$15,841,360
0.2200	Nantucket	\$625,186	\$156,296	\$781,482
3.9096	Northern Middlesex	\$11,110,123	\$2,777,531	\$13,887,654
4.5595	Old Colony	\$12,956,979	\$3,239,245	\$16,196,224
10.8100	Pioneer Valley	\$30,719,365	\$7,679,841	\$38,399,206
8.9601	Southeastern Mass	\$25,462,403	\$6,365,601	\$31,828,004
Highway		\$479,120,938	\$108,675,102	\$587,796,041

<u>Reliability</u>		\$325,975,246	\$72,563,136	\$398,538,382
	Interstate Pavement	\$38,473,514	\$4,274,835	\$42,748,349
	Non-Interstate Pavement	\$55,000,000	\$13,750,000	\$68,750,000
	Roadway Improvements	\$0	\$0	\$0
	Safety Improvements	\$25,827,331	\$2,869,701	\$28,697,032
	Highway Resiliency Improvement Program	\$20,344,988	\$5,086,247	\$25,431,236
	Bridge	\$186,329,413	\$46,582,353	\$232,911,766
	Bridge Inspections	\$8,838,012	\$2,209,503	\$11,047,515
	Bridge Systematic Maintenance	\$16,000,000	\$4,000,000	\$20,000,000
	Bridge On-system NHS	\$127,343,196	\$31,835,799	\$159,178,994
	Bridge On-system Non-NHS	\$0	\$0	\$0
	Bridge Off-system	\$34,148,205	\$8,537,051	\$42,685,256
<u>Modernization</u>		\$119,500,000	\$27,700,544	\$147,200,544
	ADA Retrofits	\$4,400,000	\$1,100,000	\$5,500,000
	Intersection Improvements	\$22,500,000	\$2,500,000	\$25,000,000
	Intelligent Transportation Systems	\$8,000,000	\$2,000,000	\$10,000,000
	Roadway Reconstruction	\$55,000,000	\$14,700,544	\$73,502,719
	Safe Routes to School	\$12,000,000	\$3,000,000	\$15,000,000
	Freight	\$17,600,000	\$4,400,000	\$22,000,000
<u>Expansion</u>		\$33,645,692	\$8,411,423	\$42,057,114
	Bicycle and Pedestrian	\$33,645,692	\$8,411,423	\$42,057,114
	Capacity	\$0	\$0	\$0
Grand Total Formula Funds		\$835,810,103	\$198,380,173	\$1,034,190,277
Difference from Funds Available		\$0		
Highway (Non-Core)		\$1,931,816	\$482,954	\$2,414,770
<u>Reliability</u>		\$0	\$0	\$0
	Bridge	\$0	\$0	\$0
	Bridge Systematic Maintenance NB	\$0	\$0	\$0
	Bridge On-System NHS NB	\$0	\$0	\$0
	Bridge On-system Non-NHS NB	\$0	\$0	\$0
	Bridge Off-system Local NB	\$0	\$0	\$0
	Bridge Off-System State NB	\$0	\$0	\$0
<u>Modernization</u>		\$1,931,816	\$482,954	\$2,414,770
	Electric Vehicle Infrastructure	\$0	\$0	\$0
	Ferry Boat Program	\$1,931,816	\$482,954	\$2,414,770
Grand Total + Non-Formula Programs		\$837,741,919	\$198,863,127	\$1,036,605,046

Federal Fiscal Year 2028		STIP: 2026 - 2030 (D)		
		FFY 2028 (Proposed) (Fed Aid + Match)		
		Federal Aid Funds	Matching Funds	
	Balance Obligation Authority	\$799,069,201		
	Planned Redistribution Request	\$70,000,000		
	Total Non-earmarked Funding Available	\$869,069,201	\$204,204,832	\$1,180,689,072
	Planning/Adjustments/Pass-throughs	\$73,406,086	\$17,718,426	\$91,124,511
	GANS Repayment	\$0	\$0	\$0
	Award Adjustments, Change Orders, etc.	\$22,225,500	\$5,556,375	\$27,781,875
	Metropolitan Planning	\$12,019,035	\$3,004,759	\$15,023,794
	State Planning & Research	\$15,241,519	\$3,810,380	\$19,051,899
	Recreational Trails	\$1,186,729	\$296,682	\$1,483,411
	SRTS Education	\$1,951,346	\$487,837	\$2,439,183
	Transit Grant Program	\$0	\$0	\$0
	Flex to FTA	\$0	\$0	\$0
	Railroad Crossings	\$2,532,382	\$0	\$2,532,382
	Carbon Reduction	\$18,249,574	\$4,562,394	\$22,811,968
Regional Priorities				
Regional Share (%)	MPO	\$295,483,528	\$73,568,928	\$367,844,641
3.5596	Berkshire Region	\$10,518,032	\$2,629,508	\$13,147,540
42.9671	Boston Region	\$126,960,703	\$31,740,176	\$158,700,879
4.5851	Cape Cod	\$13,548,215	\$3,387,054	\$16,935,269
8.6901	Central Mass	\$25,677,814	\$6,419,454	\$32,097,268
2.5397	Franklin Region	\$7,504,395	\$1,876,099	\$9,380,494
0.3100	Martha's Vineyard	\$915,999	\$229,000	\$1,144,999
4.4296	Merrimack Valley	\$13,088,738	\$3,272,185	\$16,360,923
4.4596	Montachusett	\$13,177,383	\$3,294,346	\$16,471,729
0.2200	Nantucket	\$650,064	\$162,516	\$812,580
3.9096	Northern Middlesex	\$11,552,224	\$2,888,056	\$14,440,280
4.5595	Old Colony	\$13,472,571	\$3,368,143	\$16,840,714
10.8100	Pioneer Valley	\$31,941,769	\$7,985,442	\$39,927,212
8.9601	Southeastern Mass	\$26,475,620	\$6,618,905	\$33,094,525
Highway		\$500,179,587	\$112,917,478	\$613,097,065

<u>Reliability</u>		\$346,360,981	\$77,587,827	\$423,948,808
	Interstate Pavement	\$38,473,514	\$4,274,835	\$42,748,349
	Non-Interstate Pavement	\$55,000,000	\$13,750,000	\$68,750,000
	Roadway Improvements	\$0	\$0	\$0
	Safety Improvements	\$26,343,878	\$2,927,095	\$29,270,973
	Highway Resiliency Improvement Program	\$20,751,888	\$5,187,972	\$25,939,860
	Bridge	\$205,791,701	\$51,447,925	\$257,239,626
	Bridge Inspections	\$14,320,000	\$3,580,000	\$17,900,000
	Bridge Systematic Maintenance	\$16,000,000	\$4,000,000	\$20,000,000
	Bridge On-system NHS	\$141,323,496	\$35,330,874	\$176,654,370
	Bridge On-system Non-NHS	\$0	\$0	\$0
	Bridge Off-system	\$34,148,205	\$8,537,051	\$42,685,256
<u>Modernization</u>		\$119,500,000	\$26,750,000	\$146,250,000
	ADA Retrofits	\$4,400,000	\$1,100,000	\$5,500,000
	Intersection Improvements	\$22,500,000	\$2,500,000	\$25,000,000
	Intelligent Transportation Systems	\$8,000,000	\$2,000,000	\$10,000,000
	Roadway Reconstruction	\$55,000,000	\$13,750,000	\$68,750,000
	Safe Routes to School	\$12,000,000	\$3,000,000	\$15,000,000
	Freight	\$17,600,000	\$4,400,000	\$22,000,000
<u>Expansion</u>		\$34,318,605	\$8,579,651	\$42,898,257
	Bicycle and Pedestrian	\$34,318,605	\$8,579,651	\$42,898,257
	Capacity	\$0	\$0	\$0
Grand Total Formula Funds		\$869,069,201	\$204,204,832	\$1,073,274,033
Difference from Funds Available		\$0		
Highway (Non-Core)		\$1,970,452	\$492,613	\$2,463,065
<u>Reliability</u>		\$0	\$0	\$0
	Bridge	\$0	\$0	\$0
	Bridge Systematic Maintenance NB	\$0	\$0	\$0
	Bridge On-System NHS NB	\$0	\$0	\$0
	Bridge On-system Non-NHS NB	\$0	\$0	\$0
	Bridge Off-system Local NB	\$0	\$0	\$0
	Bridge Off-System State NB	\$0	\$0	\$0
<u>Modernization</u>		\$1,970,452	\$492,613	\$2,463,065
	Electric Vehicle Infrastructure	\$0	\$0	\$0
	Ferry Boat Program	\$1,970,452	\$492,613	\$2,463,065
Grand Total + Non-Formula Programs		\$871,039,653	\$204,697,445	\$1,075,737,098

Federal Fiscal Year 2029		STIP: 2026 - 2030 (D)		
		FFY 2029 (Proposed) (Fed Aid + Match)		
		Federal Aid Funds	Matching Funds	
Balance Obligation Authority		\$812,593,480		
Planned Redistribution Request		\$50,000,000		
Total Non-earmarked Funding Available		\$862,593,480	\$204,449,540	\$1,175,769,520
Planning/Adjustments/Pass-throughs		\$74,316,288	\$17,945,977	\$92,262,265
GANS Repayment		\$0	\$0	\$0
Award Adjustments, Change Orders, etc.		\$22,225,500	\$5,556,375	\$27,781,875
Metropolitan Planning		\$12,259,416	\$3,064,854	\$15,324,270
State Planning & Research		\$15,546,350	\$3,886,587	\$19,432,937
Recreational Trails		\$1,186,729	\$296,682	\$1,483,411
SRTS Education		\$1,951,346	\$487,837	\$2,439,183
Transit Grant Program		\$0	\$0	\$0
Flex to FTA		\$0	\$0	\$0
Railroad Crossings		\$2,532,382	\$0	\$2,532,382
Carbon Reduction		\$18,614,566	\$4,653,641	\$23,268,207
Regional Priorities				
Regional Share (%)	MPO	\$293,281,783	\$74,955,307	\$374,776,534
3.5596	Berkshire Region	\$10,439,658	\$2,609,915	\$13,049,573
42.9671	Boston Region	\$126,014,677	\$31,503,669	\$157,518,346
4.5851	Cape Cod	\$13,447,263	\$3,361,816	\$16,809,079
8.6901	Central Mass	\$25,486,480	\$6,371,620	\$31,858,100
2.5397	Franklin Region	\$7,448,477	\$1,862,119	\$9,310,597
0.3100	Martha's Vineyard	\$909,174	\$227,293	\$1,136,467
4.4296	Merrimack Valley	\$12,991,210	\$3,247,802	\$16,239,012
4.4596	Montachusett	\$13,079,194	\$3,269,799	\$16,348,993
0.2200	Nantucket	\$645,220	\$161,305	\$806,525
3.9096	Northern Middlesex	\$11,466,145	\$2,866,536	\$14,332,681
4.5595	Old Colony	\$13,372,183	\$3,343,046	\$16,715,229
10.8100	Pioneer Valley	\$31,703,761	\$7,925,940	\$39,629,701
8.9601	Southeastern Mass	\$26,278,341	\$6,569,585	\$32,847,926
Highway		\$494,995,409	\$111,548,256	\$606,543,665

<u>Reliability</u>		\$340,490,431	\$76,047,012	\$416,537,443
	Interstate Pavement	\$38,473,514	\$4,274,835	\$42,748,349
	Non-Interstate Pavement	\$55,000,000	\$13,750,000	\$68,750,000
	Roadway Improvements	\$0	\$0	\$0
	Safety Improvements	\$26,870,756	\$2,985,637	\$29,856,392
	Highway Resiliency Improvement Program	\$21,166,926	\$5,291,732	\$26,458,658
	Bridge	\$198,979,236	\$49,744,809	\$248,724,044
	Bridge Inspections	\$14,078,379	\$3,519,595	\$17,597,974
	Bridge Systematic Maintenance NB	\$16,000,000	\$4,000,000	\$20,000,000
	Bridge On-system NHS	\$134,752,652	\$33,688,163	\$168,440,814
	Bridge On-system Non-NHS	\$0	\$0	\$0
	Bridge Off-system	\$34,148,205	\$8,537,051	\$42,685,256
<u>Modernization</u>		\$119,500,000	\$26,750,000	\$146,250,000
	ADA Retrofits	\$4,400,000	\$1,100,000	\$5,500,000
	Intersection Improvements	\$22,500,000	\$2,500,000	\$25,000,000
	Intelligent Transportation Systems	\$8,000,000	\$2,000,000	\$10,000,000
	Roadway Reconstruction	\$55,000,000	\$13,750,000	\$68,750,000
	Safe Routes to School	\$12,000,000	\$3,000,000	\$15,000,000
	Freight	\$17,600,000	\$4,400,000	\$22,000,000
<u>Expansion</u>		\$35,004,977	\$8,751,244	\$43,756,222
	Bicycle and Pedestrian	\$35,004,977	\$8,751,244	\$43,756,222
	Capacity	\$0	\$0	\$0
Grand Total Formula Funds		\$862,593,480	\$204,449,540	\$1,067,043,020
Difference from Funds Available		\$0		
Highway (Non-Core)		\$2,009,861	\$502,465	\$2,512,326
<u>Reliability</u>		\$0	\$0	\$0
	Bridge	\$0	\$0	\$0
	Bridge Systematic Maintenance NB	\$0	\$0	\$0
	Bridge On-System NHS NB	\$0	\$0	\$0
	Bridge On-system Non-NHS NB	\$0	\$0	\$0
	Bridge Off-system Local NB	\$0	\$0	\$0
	Bridge Off-System State NB	\$0	\$0	\$0
<u>Modernization</u>		\$2,009,861	\$502,465	\$2,512,326
	Electric Vehicle Infrastructure	\$0	\$0	\$0
	Ferry Boat Program	\$2,009,861	\$502,465	\$2,512,326
Grand Total + Non-Formula Programs		\$864,603,341	\$204,952,005	\$1,069,555,346

Federal Fiscal Year 2030		STIP: 2026 - 2030 (D)		
		Federal Aid Funds	Matching Funds	FFY 2030 (Proposed) (Fed Aid + Match)
Balance Obligation Authority		\$826,388,245		
Planned Redistribution Request		\$50,000,000		
Total Non-earmarked Funding Available		\$876,388,245	\$206,188,729	\$0
Planning/Adjustments/Pass-throughs		\$75,244,695	\$18,178,078	\$93,422,773
GANS Repayment		\$0	\$0	\$0
Award Adjustments, Change Orders, etc.		\$22,225,500	\$5,556,375	\$27,781,875
Metropolitan Planning		\$12,504,604	\$3,126,151	\$15,630,755
State Planning & Research		\$15,857,277	\$3,964,319	\$19,821,596
Recreational Trails		\$1,186,729	\$296,682	\$1,483,411
SRTS Education		\$1,951,346	\$487,837	\$2,439,183
Transit Grant Program		\$0	\$0	\$0
Flex to FTA		\$0	\$0	\$0
Railroad Crossings		\$2,532,382	\$0	\$2,532,382
Carbon Reduction		\$18,986,857	\$4,746,714	\$23,733,571
Regional Priorities				
Regional Share (%)	MPO	\$297,972,003	\$74,493,001	\$372,465,004
3.5596	Berkshire Region	\$10,606,611	\$2,651,653	\$13,258,264
42.9671	Boston Region	\$128,029,929	\$32,007,482	\$160,037,411
4.5851	Cape Cod	\$13,662,314	\$3,415,579	\$17,077,893
8.6901	Central Mass	\$25,894,065	\$6,473,516	\$32,367,581
2.5397	Franklin Region	\$7,567,595	\$1,891,899	\$9,459,494
0.3100	Martha's Vineyard	\$923,713	\$230,928	\$1,154,642
4.4296	Merrimack Valley	\$13,198,968	\$3,299,742	\$16,498,710
4.4596	Montachusett	\$13,288,359	\$3,322,090	\$16,610,449
0.2200	Nantucket	\$655,538	\$163,885	\$819,423
3.9096	Northern Middlesex	\$11,649,513	\$2,912,378	\$14,561,892
4.5595	Old Colony	\$13,586,033	\$3,396,508	\$16,982,542
10.8100	Pioneer Valley	\$32,210,774	\$8,052,693	\$40,263,467
8.9601	Southeastern Mass	\$26,698,589	\$6,674,647	\$33,373,237
Highway		\$503,171,547	\$113,517,650	\$616,689,197

<u>Reliability</u>		\$347,966,470	\$77,841,380	\$425,807,850
	Interstate Pavement	\$38,473,514	\$4,274,835	\$42,748,349
	Non-Interstate Pavement	\$55,000,000	\$13,750,000	\$68,750,000
	Roadway Improvements	\$0	\$0	\$0
	Safety Improvements	\$27,408,171	\$3,045,349	\$30,453,520
	Highway Resiliency Improvement Program	\$21,590,265	\$5,397,566	\$26,987,831
	Bridge	\$205,494,521	\$51,373,630	\$256,868,151
	Bridge Inspections	\$2,000,000	\$500,000	\$2,500,000
	Bridge Systematic Maintenance	\$16,000,000	\$4,000,000	\$20,000,000
	Bridge On-system NHS	\$153,346,316	\$38,336,579	\$191,682,894
	Bridge On-system Non-NHS	\$0	\$0	\$0
	Bridge Off-system	\$34,148,205	\$8,537,051	\$42,685,256
<u>Modernization</u>		\$119,500,000	\$26,750,000	\$146,250,000
	ADA Retrofits	\$4,400,000	\$1,100,000	\$5,500,000
	Intersection Improvements	\$22,500,000	\$2,500,000	\$25,000,000
	Intelligent Transportation Systems	\$8,000,000	\$2,000,000	\$10,000,000
	Roadway Reconstruction	\$55,000,000	\$13,750,000	\$68,750,000
	Safe Routes to School	\$12,000,000	\$3,000,000	\$15,000,000
	Freight	\$17,600,000	\$4,400,000	\$22,000,000
<u>Expansion</u>		\$35,705,077	\$8,926,269	\$44,631,346
	Bicycle and Pedestrian	\$35,705,077	\$8,926,269	\$44,631,346
	Capacity	\$0	\$0	\$0
Grand Total Formula Funds		\$876,388,245	\$206,188,729	\$1,082,576,974

APPENDIX C: Operating and Maintenance Expenditures 2026-2030

To be added

Figure 1 FFY 2026-2030 Estimated Transit Operations and Maintenance Expenditures

Operating Revenue	Fiscal Year 2026	Fiscal Year 2027	Fiscal Year 2028	Fiscal Year 2029	Fiscal Year 2030
Farebox	\$7,322,583	\$7,469,035	\$7,618,415	\$7,770,784	\$7,926,199
Federal Operating Grant	\$5,447,233	\$5,556,178	\$5,667,301	\$5,780,647	\$5,896,260
Advertisin Interest Income	\$798,720	\$830,669	\$863,896	\$898,451	\$934,389
State Contract Assistance	\$30,074,298	\$30,976,527	\$31,905,823	\$32,862,998	\$33,848,888
Local Assessment	\$10,376,805	\$10,636,225	\$10,902,130	\$11,174,684	\$11,454,051
Other - ARPA/CARES	\$0.00	\$0.00	\$0.00	\$1.00	\$2.00
Other - Grants	\$1,092,706.00	\$953,068.00	\$972,129.36	\$991,571.95	\$1,011,403.39
Total Operating Expenses	\$58,919,487	\$60,687,072	\$ 63,721,425	\$ 66,907,496	\$ 70,252,870

These are draft budget numbers for FY24 and projections for the following years.

APPENDIX D Performance Targets for the Pioneer Valley MPO

Rule	Performance Measure	State Target 2025
PM1	Total Number of Fatalities	Reduce the 5-year average fatalities to 365 or less statewide with an overarching goal of zero fatalities.
PM1	Rate of Fatalities per 100 Million Vehicle Miles Traveled (VMT)	Reduce the Rate of Fatalities to 0.58/100 million VMT or less statewide with an overarching goal of zero fatalities/100 million VMT.
PM1	Total Number of Serious Injuries	Reduce the 5-year average of the total number of Serious Injuries to 2622 or less statewide
PM1	Rate of Serious Injuries per 100 Million VMT	Reduce the Rate of Serious Injuries to 4.17/100 million VMT or less statewide
PM1	Total Number of Non-Motorized Fatalities and Serious Injuries	Decrease the 5-year average of non-motorist fatalities and serious injuries to 497 (2021-2025) or less, a 5% reduction
PM2	Percentage of pavement of the Interstate System in Good condition	Maintain a condition of 70% or better for 2023 and 2025
PM2	Percentage of pavement of the Interstate System in Poor condition	Maintain a condition of 2% or less for 2023 and 2025
PM2	Percentage of pavement of the non-Interstate NHS in Good condition	Maintain a condition of 30% or better for 2023 and 2025
PM2	Percentage of pavement of the non-Interstate NHS in Poor condition	Maintain a condition of 5% or less for 2023 and 2025
PM2	Percentage of NHS bridges classified in Good condition	Maintain a condition of 16% or better for 2023 and 2025
PM2	Percentage of NHS bridges classified in Poor condition	Maintain a condition of 12% or less for 2023 and 2025
PM3	Level of Travel Time Reliability (LOTTR) on the Interstate System	Maintain a LOTTR at or above 74% statewide for the Interstate System in 2023 and above 76% for 2025
PM3	Level of Travel Time Reliability (LOTTR) on the Interstate System	Maintain a LOTTR at or above 74% statewide for the Interstate System in 2023 and above 76% for 2025
PM3	Level of Travel Time Reliability (LOTTR) on non-Interstate NHS	Maintain a LOTTR at or above 85% statewide for the non-Interstate NHS in 2023 and above 87% in 2025
PM3	Level of Truck Travel Time Reliability (TTTR)	Maintain a TTTR of 1.80 or better statewide for the Interstate System in 2023 and 1.75 or better in 2025
PM3	Peak Hour Excessive Delay (annual hours per capita)	Do not exceed 6.5 annual hours per capita in the Springfield Urbanized Area for 2023 and 6 annual hours in 2025
PM3	Percent of Non-Single Occupancy Vehicles (SOV) Travel - Springfield	Maintain a condition of 22.7% non-SOV or better for 2025

PM3	Percentage of Non Single Occupant Vehicle (SOV) Travel	Maintain at least 22.2% for Non-SOV Travel in the Springfield Urbanized Area for 2023 and 22.2% for Non-SOV Travel in 2025
PM3	On-road mobile source emissions from projects funded under the Congestion Mitigation and Air Quality Program (CMAQ) for City of Springfield	Currently no CMAQ projects programmed in the City of Springfield.
PM3	Percent change in tailpipe CO2 emissions on the NHS relative to 2022. Emissions relative to the calendar year (CY) 2022 reference year, NHS GHG emissions were 13.82 MMTCO2e.	MassDOT established a 2025 NHS GHG emissions target of 12.72 million metric tons CO2 equivalent (MMTCO2e), which represents a 7.9% reduction in NHS GHG

Rule	Performance Measure	CY 2025 Target
TAM	Percent of revenue vehicles by asset class that have met or exceeded their Useful Life Benchmark (ULB)	All Revenue Vehicles = 77%, Bus = 40%, Cutaway Bus = 100%,
TAM	Percent of vehicles that have met or exceeded their Useful Life Benchmark (ULB)	Automobiles = 50% Trucks and other Rubber Tire Vehicles = 50%
TAM	Percent of facilities with a condition rating below 3.0 on the FTA Transit Economic Requirements Model (TERM) Scale	Administrative and Maintenance = 50%

Safety Performance Measures Fixed Route		
Rule	Performance Measure	CY 2025 Target Rate per 10K VRM
PTASP	Major Events	0.085
PTASP	Pedestrian Collisions	0.021
PTASP	Vehicular Collisions	1.82
PTASP	Total Collisions	1.84
PTASP	Fatalities	0
PTASP	Transit worker Fatalities	0
PTASP	Injuries	1.69
PTASP	Transit Worker Injuries	0.063
PTASP	Assaults on Transit Workers	3.17
PTASP	System Reliability	
PTASP	Preventable Crashes	2
PTASP	Miles Between Breakdowns	N/A
Safety Performance Measures Para Transit		

PTASP	Performance Measure	CY 2025 Target Rate per 10K VRM
PTASP	Major Events	0
PTASP	Pedestrian Collisions	0
PTASP	Vehicular Collisions	1
PTASP	Total Collisions	1
PTASP	Fatalities	0
PTASP	Transit worker Fatalities	0
PTASP	Injuries	0.042
PTASP	Transit Worker Injuries	0.05
PTASP	Assaults on Transit Workers	0.05
PTASP	System Reliability	
PTASP	Preventable Crashes	0.8
PTASP	Miles Between Breakdowns	N/A

Appendix E Performance Linked Investments 2026-2030

Performance Measure Linked Investments 2026-2030

Year	MassDOT Project ID	Municipality	MassDOT Project Description	District	Funding Source	Adjusted TFPC	MPO Project Score	PM 1	PM 2	PM 3
2026	607231	Williamsburg	WILLIAMSBURG- RECONSTRUCTION OF MOUNTAIN STREET	1	STBG	\$5,000,000	33.5	25%	75%	0%
								\$1,250,000	\$3,750,000	\$0
2026	608881	Longmeadow	LONGMEADOW- SPRINGFIELD- RESURFACING AND INTERSECTION IMPROVEMENTS ON LONGMEADOW STREET (ROUTE 5) AND CONVERSE STREET (0.84 MILES)	2	STBG	\$12,774,555		33%	33%	34%
								\$4,215,603	\$4,215,603	\$4,343,349
2026	608886	Chesterfield	CHESTERFIELD- RECONSTRUCTION OF NORTH ROAD AND DAMON POND ROAD	1	STBG	\$11,290,549	20.5	20%	80%	0%
								\$2,258,110	\$9,032,439	\$0
2026	609061	Chicopee	CHICOPEE- INTERSECTION IMPROVEMENTS AT MONTGOMERY STREET, GRANBY ROAD, AND MCKINSTRY AVENUE	2	STBG	\$12,921,562		35%	15%	50%
								\$4,522,547	\$1,938,234	\$6,460,781
2026	609286	Northampton	NORTHAMPTON- DOWNTOWN COMPLETE STREETS CORRIDOR AND INTERSECTION IMPROVEMENTS ON MAIN STREET (ROUTE 9)	2	STBG	\$2,000,000	75.5	40%	30%	30%
								\$800,000	\$600,000	\$600,000
2026	S12835	Springfield	SPRINGFIELD- ARMORY SAFE ROUTES TO NATIONAL PARKS IMPROVEMENTS	2	FLAP	\$698,000		100%	0%	0%
								\$698,000	\$0	\$0
2026	611953	Multiple	SPRINGFIELD- CHICOPEE- GUIDE AND TRAFFIC SIGN REPLACEMENT ON A SECTION OF INTERSTATE 291	2	HSIP	\$887,740		0%	0%	0%
								\$0	\$0	\$0
2026	612109	Multiple	CHICOPEE- SOUTH HADLEY- RESURFACING AND RELATED WORK ON ROUTE 33	2	NHPP	\$16,103,260		15%	85%	0%
								\$2,415,489	\$13,687,771	\$0
2026	610657	Multiple	EASTHAMPTON- NORTHAMPTON- INSTALLATION OF A SHARED-USE PATH ALONG MOUNT TOM ROAD FROM THE MANHAN TRAIL TO ATWOOD DRIVE	2	CMAQ	\$6,875,448		40%	0%	60%
								\$2,750,179	\$0	\$4,125,269
2026	S12988	Multiple	WEST SPRINGFIELD- RAILROAD CROSSING ELIMINATION ON FRONT STREET (CROSSING NO. DOT525901A)	2	RRHE	\$2,600,000		100%	0%	0%
								\$2,600,000	\$0	\$0
2026	S12996		PVTA - Buy Replacement 35-ft Electric Buses (Carbon Reduction Program Funding)		CRP	\$2,126,191		0%	0%	100%
								\$0	\$0	\$2,126,191

2026	609409	Springfield	SPRINGFIELD- BRIDGE REPLACEMENT, S-24-016, ARMORY STREET OVER CSX MAINLINE & S-24-026, ARMORY STREET OVER ABANDONED CSX	2	NGBP	\$62,892,496		0%	100%	0%
								\$0	\$62,892,496	\$0
2026	612176	Huntington	HUNTINGTON- BRIDGE REPLACEMENT, H-27-008, ST 112 WORTHINGTON ROAD OVER WATER POND BROOK	1	NGBP	\$4,896,250		0%	100%	0%
								\$0	\$4,896,250	\$0
2026	612187	Chicopee	CHICOPEE- BRIDGE REPLACEMENT, C-13-038, I-391 OVER (ST 116) CHICOPEE STREET	2	NGBP	\$148,581,581		0%	100%	0%
								\$0	\$148,581,581	\$0
2027	607231	Williamsburg	WILLIAMSBURG- RECONSTRUCTION OF MOUNTAIN STREET	1	STBG	\$9,696,700	33.5	15%	85%	
								\$1,454,505	\$8,242,195	\$0
2027	608785	South Hadley	SOUTH HADLEY- RECONSTRUCTION OF MAIN STREET, FROM THE CHICOPEE CITY LINE TO CANAL STREET (0.67 MILES)	2	STBG	\$8,204,752		35%	25%	40%
								\$2,871,663	\$2,051,188	\$3,281,901
2027	609286	Northampton	NORTHAMPTON- DOWNTOWN COMPLETE STREETS CORRIDOR AND INTERSECTION IMPROVEMENTS ON MAIN STREET (ROUTE 9)	2	STBG	\$6,000,000	75.5	40%	30%	30%
								\$2,400,000	\$1,800,000	\$1,800,000
2027	612600	Westfield	WESTFIELD- INTERSECTION IMPROVEMENTS AT SOUTHAMPTON ROAD (ROUTE 10/202), SERVISTAR INDUSTRIAL WAY AND BARNES AIRPORT DRIVE	2	STBG	\$9,311,270		40%	20%	40%
								\$3,724,508	\$1,862,254	\$3,724,508
2027	612265	East Longmeadow	EAST LONGMEADOW- RESURFACING AND RELATED WORK ON NORTH MAIN STREET (ROUTE 83)	2	STBG	\$5,087,724		30%	40%	30%
								\$1,526,317	\$2,035,090	\$1,526,317
2027	612506	Multiple	HATFIELD- WHATELY- BRIDGE PRESERVATION, H-11-030, W-33-019, W-33-020, ROUTES 5 & 10 OVER I-91 (SEPARATE CROSSINGS)	2	HIP-BR	\$35,668,914		0%	100%	0%
								\$0	\$35,668,914	\$0
2027	610779	Hampden	HAMPDEN- BRIDGE REPLACEMENT, H-04-004, ROCKADUNDEE BRIDGE OVER SCANTIC RIVER	2	BROFF	\$3,914,040		0%	100%	0%
								\$0	\$3,914,040	\$0
2027	612495	Springfield	SPRINGFIELD- BRIDGE REPLACEMENT, S-24-070, TAPLEY STREET OVER I-291 AND CSX	2	BROFF	\$18,642,799		0%	100%	0%
								\$0	\$18,642,799	\$0
2027	612494	Multiple	SPRINGFIELD- WEST SPRINGFIELD- BRIDGE REPLACEMENT, S-24-003=W-21-002, (US-20) PARK AVENUE OVER CONNECTICUT RIVER	2	NHPP	\$10,000,000		0%	70%	30%
								\$0	\$7,000,000	\$3,000,000
2027	612649	Multiple	WEST SPRINGFIELD- AGAWAM- GUIDE AND TRAFFIC SIGN REPLACEMENT ON A SECTION OF US 5 AND ROUTE 57	2	HSIP	\$539,500		0%	0%	0%
								\$0	\$0	\$0
2027	608466	Granby	GRANBY- RESURFACING AND RELATED WORK ON ROUTE 202 FROM KENDALL STREET TO SCHOOL STREET	2	NHPP	\$5,130,051		15%	85%	0%
								\$769,508	\$4,360,543	\$0

2027	611965	Holyoke	HOLYOKE- INTERSECTION IMPROVEMENTS AT BEECH STREET, RESNIC BOULEVARD, AND WEST FRANKLIN STREET	2	HSIP	\$6,471,207		40%	20%	40%
								\$2,588,483	\$1,294,241	\$2,588,483
2027	612079	Chicopee	CHICOPEE- HUGH SCOTT STREIBER ELEMENTARY SCHOOL IMPROVEMENTS (SRTS)	2	TAP	\$2,611,561		100%	0%	0%
								\$2,611,561	\$0	\$0
2027	S12988	Multiple	WEST SPRINGFIELD- RAILROAD CROSSING ELIMINATION ON FRONT STREET (CROSSING NO. DOT525901A)	2	RRHE	\$2,600,000		100%	0%	0%
								\$2,600,000	\$0	\$0
2027	S12996		PVTA - Buy Replacement 35-ft Electric Buses (Carbon Reduction Program Funding)		CRP	\$1,688,069		0%	0%	100%
								\$0	\$0	\$1,688,069
2027	600935	Holyoke	HOLYOKE- BRIDGE REPLACEMENTS, H-21-014, ROUTE 141 (APPLETON STREET) OVER SECOND LEVEL CANAL & H-21-020 OVER FIRST LEVEL CANAL	2	NGBP	\$28,172,398		0%	100%	0%
								\$0	\$28,172,398	\$0
2027	612167	Springfield	SPRINGFIELD- BRIDGE REPLACEMENT, S-24-017, ST. JAMES AVENUE OVER CSX & S-24-071, ST. JAMES AVENUE OVER I-291	2	NGBP	\$150,778,368		0%	75%	25%
								\$0	\$113,083,776	\$37,694,592
2027	612175	Russell	RUSSELL- BRIDGE REPLACEMENT, R-13-004, BLANDFORD STAGE RD OVER STAGE BROOK	1	NGBP	\$2,269,488		0%	100%	0%
								\$0	\$2,269,488	\$0
2027	612160	Multiple	MONSON- PALMER- BRIDGE REPLACEMENT, M-27-008=P-01-008, ROUTE 32 OVER QUABOAG RIVER	2	NGBP	\$9,658,277		0%	100%	0%
								\$0	\$9,658,277	\$0
2028	608423	Easthampton	EASTHAMPTON- IMPROVEMENTS AND RELATED WORK ON ROUTE 10, FROM WEST STREET TO THE NORTHAMPTON TOWN LINE	2	STBG	\$6,219,450		15%	85%	0%
								\$932,918	\$5,286,533	\$0
2028	609286	Northampton	NORTHAMPTON- DOWNTOWN COMPLETE STREETS CORRIDOR AND INTERSECTION IMPROVEMENTS ON MAIN STREET (ROUTE 9)	2	STBG	\$18,314,479	75.5	40%	30%	30%
								\$7,325,792	\$5,494,344	\$5,494,344
2028	612780	Southampton	SOUTHAMPTON- REHABILITATION/RECONSTRUCTION & RELATED WORK ON EAST STREET, FROM COLLEGE HIGHWAY (ROUTE 10) TO WHISPERING MEADOW LANE	2	STBG	\$4,904,313		15%	75%	10%
								\$735,647	\$3,678,235	\$490,431
2028	612257	Longmeadow	LONGMEADOW- RESURFACING AND RELATED WORK ON LONGMEADOW STREET (ROUTE 5) (PHASE 1)	2	STBG	\$5,771,534	43	25%	60%	15%
								\$1,442,884	\$3,462,920	\$865,730
2028	612265	East Longmeadow	EAST LONGMEADOW- RESURFACING AND RELATED WORK ON NORTH MAIN STREET (ROUTE 83)	2	STBG	\$4,100,000		15%	60%	25%

								\$615,000	\$2,460,000	\$1,025,000
2028612506	Multiple	HATFIELD- WHATELY- BRIDGE PRESERVATION, H-11-030, W-33-019, W-33-020, ROUTES 5 & 10 OVER I-91 (SEPARATE CROSSINGS)	2	HIP-BR	\$35,668,914		0%	100%	0%	
							\$0	\$35,668,914	\$0	
2028605340	Springfield	SPRINGFIELD- BRIDGE REPLACEMENT, S-24-028, ST. JAMES AVENUE OVER CONRAIL RAILROAD (ABANDONED)	2	HIP-BR	\$10,378,249		0%	100%	0%	
							\$0	\$10,378,249	\$0	
2028607675	Williamsburg	WILLIAMSBURG- BRIDGE REPLACEMENT, W-36-011 & W-36-017, BRIDGE STREET OVER THE MILL RIVER AND SOUTH MAIN STREET OVER THE MILL RIVER	1	HIP-BR	\$11,162,163		0%	100%	0%	
							\$0	\$11,162,163	\$0	
2028609413	Palmer	PALMER- BRIDGE REPLACEMENT, P-01-054, FLYNT STREET OVER I-90	2	BROFFS	\$6,568,312		0%	100%	0%	
							\$0	\$6,568,312	\$0	
2028613139	Monson	MONSON- BRIDGE REPLACEMENT, M-27-026, STAFFORD HOLLOW ROAD OVER NECRR	2	BROFFS	\$5,295,478		0%	100%	0%	
							\$0	\$5,295,478	\$0	
2028612494	Multiple	SPRINGFIELD- WEST SPRINGFIELD- BRIDGE REPLACEMENT, S-24-003=W-21-002, (US-20) PARK AVENUE OVER CONNECTICUT RIVER	2	HIP-BRRR	\$6,606,066		0%	70%	30%	
							\$0	\$4,624,246	\$1,981,820	
2028612494	Multiple	SPRINGFIELD- WEST SPRINGFIELD- BRIDGE REPLACEMENT, S-24-003=W-21-002, (US-20) PARK AVENUE OVER CONNECTICUT RIVER	2	NHPP	\$1,393,933		0%	70%	30%	
							\$0	\$975,753	\$418,180	
2028612494	Multiple	SPRINGFIELD- WEST SPRINGFIELD- BRIDGE REPLACEMENT, S-24-003=W-21-002, (US-20) PARK AVENUE OVER CONNECTICUT RIVER	2	NHPP-PEN	\$62,000,000		0%	70%	30%	
							\$0	\$43,400,000	\$18,600,000	
2028613314	Multiple	HOLYOKE- WEST SPRINGFIELD- INTERSTATE PAVEMENT PRESERVATION AND RELATED WORK ON I-91	2	NHPP-I	\$13,115,520		0%	100%	0%	
							\$0	\$13,115,520	\$0	
2028613315	Multiple	HOLYOKE- EASTHAMPTON- INTERSTATE PAVEMENT PRESERVATION AND RELATED WORK ON I-91	2	NHPP-I	\$14,624,037		0%	100%	0%	
							\$0	\$14,624,037	\$0	
2028612772	Easthampton	EASTHAMPTON- MOUNTAIN VIEW SCHOOL IMPROVEMENTS (SRTS)	2	TAP	\$1,779,603		100%	0%	0%	
							\$1,779,603	\$0	\$0	
2028613397	Southampton	SOUTHAMPTON- WILLIAM E. NORRIS ELEMENTARY SCHOOL IMPROVEMENTS (SRTS)	2	TAP	\$2,059,966		100%	0%	0%	
							\$2,059,966	\$0	\$0	
2028613442	Holyoke	HOLYOKE- H.B. LAWRENCE ELEMENTARY SCHOOL IMPROVEMENTS (SRTS)	2	TAP	\$1,616,034		100%	0%	0%	
							\$1,616,034	\$0	\$0	
2028S12988	Multiple	WEST SPRINGFIELD- RAILROAD CROSSING ELIMINATION ON FRONT STREET (CROSSING NO. DOT525901A)	2	RRHE	\$2,600,000		100%	0%	0%	

								\$2,600,000	\$0	\$0
2028	S12996		PVTA - Buy Replacement 35-ft Electric Buses (Carbon Reduction Program Funding)		CRP	\$2,979,845		0%	0%	100%
								\$0	\$0	\$2,979,845
2028	605340	Springfield	SPRINGFIELD- BRIDGE REPLACEMENT, S-24-028, ST. JAMES AVENUE OVER CONRAIL RAILROAD (ABANDONED)	2	NGBP	\$10,378,249		0%	100%	0%
								\$0	\$10,378,249	\$0
2028	607675	Williamsburg	WILLIAMSBURG- BRIDGE REPLACEMENT, W-36-011 & W-36-017, BRIDGE STREET OVER THE MILL RIVER AND SOUTH MAIN STREET OVER THE MILL RIVER	1	NGBP	\$11,162,163		0%	100%	0%
								\$0	\$11,162,163	\$0
2029	612257	Longmeadow	LONGMEADOW- RESURFACING AND RELATED WORK ON LONGMEADOW STREET (ROUTE 5) (PHASE 1)	2	STBG	\$5,182,882	43	25%	60%	15%
								\$1,295,721	\$3,109,729	\$777,432
2029	612258	Easthampton	EASTHAMPTON- DOWNTOWN COMPLETE STREETS IMPROVEMENTS ON MAIN AND NORTHAMPTON STREETS (ROUTE 10)	2	STBG	\$10,111,138	50.5	35%	50%	15%
								\$3,538,898	\$5,055,569	\$1,516,671
2029	612780	Southampton	SOUTHAMPTON- REHABILITATION/RECONSTRUCTION & RELATED WORK ON EAST STREET, FROM COLLEGE HIGHWAY (ROUTE 10) TO WHISPERING MEADOW LANE	2	STBG	\$7,640,000		15%	75%	10%
								\$1,146,000	\$5,730,000	\$764,000
2029	612984	Monson	MONSON- RESURFACING AND RELATED WORK ON MAIN STREET (ROUTE 32)	2	STBG	\$6,292,676		15%	85%	0%
								\$943,901	\$5,348,775	\$0
2029	613320	Holyoke	HOLYOKE- CORRIDOR IMPROVEMENTS ON HIGH AND MAPLE STREETS	2	STBG	\$8,000,000		45%	45%	10%
								\$3,600,000	\$3,600,000	\$800,000
2029	S13264		Valley Bike Share Phase 3		CMAQ	\$1,458,684		0%	0%	100%
								\$0	\$0	\$1,458,684
2029	612494	Multiple	SPRINGFIELD- WEST SPRINGFIELD- BRIDGE REPLACEMENT, S-24-003=W-21-002, (US-20) PARK AVENUE OVER CONNECTICUT RIVER	2	HIP-BRRR	\$70,000,000		0%	70%	30%
								\$0	\$49,000,000	\$21,000,000
2029	613302	Belchertown	BELCHERTOWN- BRIDGE REPLACEMENT, B-05-006 (OPE), BARDWELL STREET OVER JABISH BROOK	2	BROFF	\$10,343,861		0%	100%	0%
								\$0	\$10,343,861	\$0
2029	608489	Wilbraham	WILBRAHAM- RESURFACING AND RELATED WORK ON ROUTE 20	2	NHPP	\$25,715,675		25%	75%	0%
								\$6,428,919	\$19,286,756	\$0
2029	613119	Multiple	LUDLOW- SPRINGFIELD- BRIDGE REPLACEMENT, L-16-008=S-24-002, ST 21 (LUDLOW AVENUE) OVER CHICOPEE RIVER	2	NHPP-PEN	\$55,501,987		0%	100%	0%

								\$0	\$55,501,987	\$0
2029613135	Chicopee	CHICOPEE- SUPERSTRUCTURE REPLACEMENT OF C-13-003, ROUTE 116 OVER BMRR	2	NHPP	\$20,794,631		0%	100%	0%	
								\$0	\$20,794,631	\$0
2029613515	Springfield	SPRINGFIELD- SAMUEL BOWLES ELEMENTARY SCHOOL IMPROVEMENTS (SRTS)	2	TAP	\$1,412,927		100%	0%	0%	
							\$1,412,927	\$0	\$0	
2029613484	Southampton	SOUTHAMPTON- GREENWAY RAIL TRAIL CONSTRUCTION, FROM COLEMAN ROAD TO ROUTE 10	2	CMAQ	\$17,629,257		10%	0%	90%	
							\$1,762,926	\$0	\$15,866,331	
2029S12988	Multiple	WEST SPRINGFIELD- RAILROAD CROSSING ELIMINATION ON FRONT STREET (CROSSING NO. DOT525901A)	2	RRHE	\$2,600,000		100%	0%	0%	
							\$2,600,000	\$0	\$0	
2029S12996		PVTA - Buy Replacement 35-ft Electric Buses (Carbon Reduction Program Funding)		CRP	\$6,246,750		0%	0%	100%	
							\$0	\$0	\$6,246,750	
2030610664	Springfield	SPRINGFIELD- RECONSTRUCTION OF BIRNIE AVENUE AT GERENA SCHOOL PEDESTRIAN TUNNEL	2	STBG	\$4,877,857		35%	32%	33%	
							\$1,707,250	\$1,560,914	\$1,609,693	
2030612258	Easthampton	EASTHAMPTON- DOWNTOWN COMPLETE STREETS IMPROVEMENTS ON MAIN AND NORTHAMPTON STREETS (ROUTE 10)	2	STBG	\$9,000,000	50.5	35%	50%	15%	
							\$3,150,000	\$4,500,000	\$1,350,000	
2030611964	Springfield	SPRINGFIELD- INTERSECTION IMPROVEMENTS AT CAREW STREET AND DWIGHT STREET	2	STBG	\$9,094,522		45%	15%	40%	
							\$4,092,535	\$1,364,178	\$3,637,809	
2030613320	Holyoke	HOLYOKE- CORRIDOR IMPROVEMENTS ON HIGH AND MAPLE STREETS	2	STBG	\$8,640,120		45%	45%	10%	
							\$3,888,054	\$3,888,054	\$864,012	
2030612494	Multiple	SPRINGFIELD- WEST SPRINGFIELD- BRIDGE REPLACEMENT, S-24-003=W-21-002, (US-20) PARK AVENUE OVER CONNECTICUT RIVER	2	NHPP-PEN	\$70,000,000		0%	70%	30%	
							\$0	\$49,000,000	\$21,000,000	
2030613119	Multiple	LUDLOW- SPRINGFIELD- BRIDGE REPLACEMENT, L-16-008=S-24-002, ST 21 (LUDLOW AVENUE) OVER CHICOPEE RIVER	2	NHPP	\$18,125,684		0%	100%	0%	
							\$0	\$18,125,684	\$0	
2030613119	Multiple	LUDLOW- SPRINGFIELD- BRIDGE REPLACEMENT, L-16-008=S-24-002, ST 21 (LUDLOW AVENUE) OVER CHICOPEE RIVER	2	NHPP-PEN	\$3,874,316		0%	100%	0%	
							\$0	\$3,874,316	\$0	
2030613651	Blandford	BLANDFORD- CULVERT REPLACEMENT, B-14-028, ROUTE 23 OVER POND BROOK	1	PRCT	\$2,601,996		0%	100%	0%	
							\$0	\$2,601,996	\$0	

2030608787	Williamsburg	WILLIAMSBURG- CONSTRUCTION OF THE "MILL RIVER GREENWAY" SHARED USE PATH	1	NHPP	\$57,872,400		0%	0%	100%
							\$0	\$0	\$57,872,400
2030612245	Belchertown	BELCHERTOWN- MASS CENTRAL RAIL TRAIL (MCRT, SECTION 1C)	2	CMAQ	\$6,423,790		0%	0%	100%
							\$0	\$0	\$6,423,790
2030S12988	Multiple	WEST SPRINGFIELD- RAILROAD CROSSING ELIMINATION ON FRONT STREET (CROSSING NO. DOT525901A)	2	RRHE	\$10,000,000		100%	0%	0%
							\$10,000,000	\$0	\$0
							\$106,731,446	\$940,071,144	\$246,002,381

Table 28 TAM Investments 2026-2030` : Modernization

FFY	Program	Project ID	MassDOT Project Description	Total Funds	Total Programmed Funds	Targets
2026	Operating	RTD0010933	Pioneer Valley Transit Authority - PREVENTIVE MAINTENANCE	\$4,188,328		Maintenance
2026	Operating	RTD0010951	Pioneer Valley Transit Authority - PREVENTIVE MAINTENANCE - State of Good Repair for all transit garages	\$25,000		Maintenance
2026	RTA Facility & System Modernization	RTD0010928	Pioneer Valley Transit Authority - REHAB/RENOVATE - Main St. MAINTENANCE FACILITY - Main St Paratransit O&M Renovate Office	\$696,000		Modernization
2026	RTA Facility & System Modernization	RTD0010973	Pioneer Valley Transit Authority - REHAB/RENOVATE - Northampton MAINTENANCE FACILITY - Noho EV Bus Charging Stations Installations	\$120,000		Modernization
2026	RTA Facility & System Modernization	RTD0011399	Pioneer Valley Transit Authority - REHAB/RENOVATE - MAINTENANCE FACILITY - Springfield O&M Facility at Cottage St. Electric Bus Chargers Expansion and Upgrades Phase I and Phase II	\$4,038,000		Modernization
2026	RTA Facility & Vehicle Maintenance	PVTA011786	Pioneer Valley Transit Authority - UMass Bus Maintenance Facility Upgrades - Overhead door rebuild replacement; upgrade building walkway and LED lights to parking areas, upgrade facility restrooms and office space, expand EV charging capabilities, upgrade facility electrical system to code.	\$270,000		Modernization
2026	RTA Facility & Vehicle Maintenance	PVTA011793	Pioneer Valley Transit Authority - REHAB/RENOVATE - Cottage St. MAINTENANCE FACILITY - Replace high bay fixture lighting, Sealcoat Asphalt Parking lot	\$40,000		Maintenance
2026	RTA Facility & Vehicle Maintenance	RTD0010907	Pioneer Valley Transit Authority - PURCHASE BUS SHELTERS	\$50,000		Vehicles
2026	RTA Facility & Vehicle Maintenance	RTD0010908	Pioneer Valley Transit Authority - Signage and Lighting	\$25,000		Maintenance
2026	RTA Facility & Vehicle Maintenance	RTD0010911	Pioneer Valley Transit Authority - Rehab Northampton Maintenance Facility, Year 3, 4 and 5	\$1,280,000		Maintenance
2026	RTA Facility & Vehicle Maintenance	RTD0010912	Pioneer Valley Transit Authority - Umass Bus Maintenance Facility - Upgrade Bus Bay Lateral Expansion	\$180,000		Modernization
2026	RTA Fleet Upgrades	PVTA011781	Pioneer Valley Transit Authority Replacement of Articulated 60' Transit Buses and the replacement of two 40' with 60' buses	\$1,181,602		Vehicles
2026	RTA Fleet Upgrades	RTD0011374	Pioneer Valley Transit Authority BUY REPLACEMENT 40-FT Electric BUS	\$2,699,378		Vehicles
2026	RTA Vehicle Replacement	PVTA012007	Pioneer Valley Transit Authority - BUY REPLACEMENT 35-FT Hybrid BUS	\$4,251,967		Vehicles

2026	RTA Vehicle Replacement	RTD0008781	Pioneer Valley Transit Authority - Paratransit Vans -10-14 Passenger vehicles for replacement	\$478,996		Vehicles
2026	RTA Vehicle Replacement	RTD0010244	Pioneer Valley Transit Authority - BUY REPLACEMENT 40-FT Hybrid BUS	\$4,327,567		Vehicles
2026	RTA Vehicle Replacement	RTD0010948	Pioneer Valley Transit Authority - BUY REPLACEMENT <30 FT BUS Type D Shuttle Bus	\$384,579		Vehicles
2026	RTA Vehicle Replacement	RTD0010959	Pioneer Valley Transit Authority - ACQUIRE - Supervisory VEHICLES	\$149,144		Vehicles
2027	Operating	RTD0010933	Pioneer Valley Transit Authority - PREVENTIVE MAINTENANCE	\$4,188,328		Maintenance
2027	Operating	RTD0010951	Pioneer Valley Transit Authority - PREVENTIVE MAINTENANCE - State of Good Repair for all transit garages	\$25,000		Maintenance
2027	RTA Facility & System Modernization	RTD0010928	Pioneer Valley Transit Authority - REHAB/RENOVATE - Main St. MAINTENANCE FACILITY - Main St Paratransit O&M Renovate Office	\$180,000		Modernization
2027	RTA Facility & System Modernization	RTD0010973	Pioneer Valley Transit Authority - REHAB/RENOVATE - Northampton MAINTENANCE FACILITY - Noho EV Bus Charging Stations Installations	\$800,000		Modernization
2027	RTA Facility & System Modernization	RTD0011399	Pioneer Valley Transit Authority - REHAB/RENOVATE - MAINTENANCE FACILITY - Springfield O&M Facility at Cottage St. Electric Bus Chargers Expansion and Upgrades Phase I and Phase II	\$926,501		Modernization
2027	RTA Facility & Vehicle Maintenance	PVTA011786	Pioneer Valley Transit Authority - UMass Bus Maintenance Facility Upgrades - Overhead door rebuild replacement; upgrade building walkway and LED lights to parking areas, upgrade facility restrooms and office space, expand EV charging capabilities, upgrade facility electrical system to code.	\$3,550,000		Maintenance
2027	RTA Facility & Vehicle Maintenance	RTD0010907	Pioneer Valley Transit Authority - PURCHASE BUS SHELTERS	\$50,000		Maintenance
2027	RTA Facility & Vehicle Maintenance	RTD0010908	Pioneer Valley Transit Authority - Signage and Lighting	\$25,000		Maintenance
2027	RTA Facility & Vehicle Maintenance	RTD0010911	Pioneer Valley Transit Authority - Rehab Northampton Maintenance Facility, Year 3, 4 and 5	\$6,600,000		Maintenance
2027	RTA Facility & Vehicle Maintenance	RTD0010912	Pioneer Valley Transit Authority - Umass Bus Maintenance Facility - Upgrade Bus Bay Lateral Expansion	\$40,000		Maintenance
2027	RTA Fleet Upgrades	PVTA011781	Pioneer Valley Transit Authority Replacement of Articulated 60' Transit Buses and the replacement of two 40' with 60' buses	\$2,481,364		Vehicles
2027	RTA Fleet Upgrades	RTD0011374	Pioneer Valley Transit Authority BUY REPLACEMENT 40-FT Electric BUS	\$7,085,866		Vehicles
2027	RTA Vehicle Replacement	RTD0008781	Pioneer Valley Transit Authority - Paratransit Vans -10-14 Passenger vehicles for replacement	\$616,708		Vehicles

2027	RTA Vehicle Replacement	RTD0010949	Pioneer Valley Transit Authority - ACQUIRE - SUPPORT VEHICLES (3)	\$76,809		Vehicles
2027	RTA Vehicle Replacement	RTD0010959	Pioneer Valley Transit Authority - ACQUIRE - Supervisory VEHICLES	\$106,907		Vehicles
2028	Operating	RTD0010951	Pioneer Valley Transit Authority - PREVENTIVE MAINTENANCE - State of Good Repair for all transit garages	\$25,000		Maintenance
2028	RTA Facility & System Modernization	PVTA011791	Pioneer Valley Transit Authority - REHAB/RENOVATE - Admin Building OPERATIONS FACILITY - Main St Replace Rooftop HVAC and Systems Control	\$800,000		Maintenance
2028	RTA Facility & System Modernization	PVTA011794	Pioneer Valley Transit Authority - REHAB/RENOVATE - Cottage Street FACILITY - Alternative Fuel Expansion Phase III and IV	\$5,400,000		Modernization
2028	RTA Facility & System Modernization	RTD0010928	Pioneer Valley Transit Authority - REHAB/RENOVATE - Main St. MAINTENANCE FACILITY - Main St Paratransit O&M Renovate Office	\$480,000		Maintenance
2028	RTA Facility & System Modernization	RTD0011399	Pioneer Valley Transit Authority - REHAB/RENOVATE - MAINTENANCE FACILITY - Springfield O&M Facility at Cottage St. Electric Bus Chargers Expansion and Upgrades Phase I and Phase II	\$100,000		Modernization
2028	RTA Facility & Vehicle Maintenance	PVTA011786	Pioneer Valley Transit Authority - UMass Bus Maintenance Facility Upgrades - Overhead door rebuild replacement; upgrade building walkway and LED lights to parking areas, upgrade facility restrooms and office space, expand EV charging capabilities, upgrade facility electrical system to code.	\$1,600,000		Modernization
2028	RTA Facility & Vehicle Maintenance	PVTA011793	Pioneer Valley Transit Authority - REHAB/RENOVATE - Cottage St. MAINTENANCE FACILITY - Replace high bay fixture lighting, Sealcoat Asphalt Parking lot	\$200,000		Maintenance
2028	RTA Facility & Vehicle Maintenance	RTD0010907	Pioneer Valley Transit Authority - PURCHASE BUS SHELTERS	\$50,000		Modernization
2028	RTA Facility & Vehicle Maintenance	RTD0010908	Pioneer Valley Transit Authority - Signage and Lighting	\$25,000		Maintenance
2028	RTA Facility & Vehicle Maintenance	RTD0010911	Pioneer Valley Transit Authority - Rehab Northampton Maintenance Facility, Year 3, 4 and 5	\$80,000		Maintenance
2028	RTA Facility & Vehicle Maintenance	RTD0010912	Pioneer Valley Transit Authority - UMass Bus Maintenance Facility - Upgrade Bus Bay Lateral Expansion	\$40,000		Maintenance
2028	RTA Fleet Upgrades	PVTA011781	Pioneer Valley Transit Authority Replacement of Articulated 60' Transit Buses and the replacement of two 40' with 60' buses	\$3,062,751		Vehicles
2028	RTA Fleet Upgrades	RTD0011374	Pioneer Valley Transit Authority BUY REPLACEMENT 40-FT Electric BUS	\$4,464,096		Vehicles
2028	RTA Fleet Upgrades	RTD0011375	Pioneer Valley Transit Authority - BUY REPLACEMENT 35-FT Electric BUS	\$2,839,615		Vehicles

2028	RTA Vehicle Replacement	RTD0008781	Pioneer Valley Transit Authority - Paratransit Vans -10-14 Passenger vehicles for replacement	\$635,209		Vehicles
2028	RTA Vehicle Replacement	RTD0010949	Pioneer Valley Transit Authority - ACQUIRE - SUPPORT VEHICLES (3)	\$79,113		Vehicles
2028	RTA Vehicle Replacement	RTD0010959	Pioneer Valley Transit Authority - ACQUIRE - Supervisory VEHICLES	\$113,418		Vehicles
2029	Operating	RTD0010933	Pioneer Valley Transit Authority - PREVENTIVE MAINTENANCE	\$5,253,146		Maintenance
2029	Operating	RTD0010951	Pioneer Valley Transit Authority - PREVENTIVE MAINTENANCE - State of Good Repair for all transit garages	\$25,000		Maintenance
2029	RTA Facility & System Modernization	PVTA011794	Pioneer Valley Transit Authority - REHAB/RENOVATE - Cottage Street FACILITY - Alternative Fuel Expansion Phase III and IV	\$18,000,000		Modernization
2029	RTA Facility & System Modernization	RTD0010928	Pioneer Valley Transit Authority - REHAB/RENOVATE - Main St. MAINTENANCE FACILITY - Main St Paratransit O&M Renovate Office	\$6,200,000		Maintenance
2029	RTA Facility & System Modernization	RTD0011399	Pioneer Valley Transit Authority - REHAB/RENOVATE - MAINTENANCE FACILITY - Springfield O&M Facility at Cottage St. Electric Bus Chargers Expansion and Upgrades Phase I and Phase II	\$100,000		Modernization
2029	RTA Facility & Vehicle Maintenance	PVTA011786	Pioneer Valley Transit Authority - UMass Bus Maintenance Facility Upgrades - Overhead door rebuild replacement; upgrade building walkway and LED lights to parking areas, upgrade facility restrooms and office space, expand EV charging capabilities, upgrade facility electrical system to code.	\$350,000		Modernization
2029	RTA Facility & Vehicle Maintenance	RTD0010907	Pioneer Valley Transit Authority - PURCHASE BUS SHELTERS	\$50,000		Maintenance
2029	RTA Facility & Vehicle Maintenance	RTD0010908	Pioneer Valley Transit Authority - Signage and Lighting	\$25,000		Maintenance
2029	RTA Facility & Vehicle Maintenance	RTD0010911	Pioneer Valley Transit Authority - Rehab Northampton Maintenance Facility, Year 3, 4 and 5	\$400,000		Maintenance
2029	RTA Fleet Upgrades	RTD0011374	Pioneer Valley Transit Authority BUY REPLACEMENT 40-FT Electric BUS	\$9,374,602		Vehicles
2029	RTA Fleet Upgrades	RTD0011375	Pioneer Valley Transit Authority - BUY REPLACEMENT 35-FT Electric BUS	\$4,472,393		Vehicles
2029	RTA Vehicle Replacement	RTD0008781	Pioneer Valley Transit Authority - Paratransit Vans -10-14 Passenger vehicles for replacement	\$758,948		Vehicles
2029	RTA Vehicle Replacement	RTD0010959	Pioneer Valley Transit Authority - ACQUIRE - Supervisory VEHICLES	\$116,820		Vehicles
2030	Operating	RTD0010933	Pioneer Valley Transit Authority - PREVENTIVE MAINTENANCE	\$4,451,098		Maintenance
2030	Operating	RTD0010951	Pioneer Valley Transit Authority - PREVENTIVE MAINTENANCE - State of Good Repair for all transit garages	\$25,000		Maintenance

2030	RTA Facility & System Modernization	PVTA011794	Pioneer Valley Transit Authority - REHAB/RENOVATE - Cottage Street FACILITY - Alternative Fuel Expansion Phase III and IV	\$18,000,000		Modernization
2030	RTA Facility & System Modernization	RTD0010928	Pioneer Valley Transit Authority - REHAB/RENOVATE - Main St. MAINTENANCE FACILITY - Main St Paratransit O&M Renovate Office	\$1,200,000		Maintenance
2030	RTA Facility & System Modernization	RTD0011399	Pioneer Valley Transit Authority - REHAB/RENOVATE - MAINTENANCE FACILITY - Springfield O&M Facility at Cottage St. Electric Bus Chargers Expansion and Upgrades Phase I and Phase II	\$60,000		Modernization
2030	RTA Facility & Vehicle Maintenance	RTD0010907	Pioneer Valley Transit Authority - PURCHASE BUS SHELTERS	\$50,000		Maintenance
2030	RTA Facility & Vehicle Maintenance	RTD0010908	Pioneer Valley Transit Authority - Signage and Lighting	\$25,000		Maintenance
2030	RTA Fleet Upgrades	RTD0011374	Pioneer Valley Transit Authority BUY REPLACEMENT 40-FT Electric BUS	\$6,249,734		Vehicles
2030	RTA Fleet Upgrades	RTD0011375	Pioneer Valley Transit Authority - BUY REPLACEMENT 35-FT Electric BUS	\$5,963,191		Vehicles
2030	RTA Vehicle Replacement	RTD0008781	Pioneer Valley Transit Authority - Paratransit Vans -10-14 Passenger vehicles for replacement	\$366,389		Vehicles
2030	RTA Vehicle Replacement	RTD0010949	Pioneer Valley Transit Authority - ACQUIRE - SUPPORT VEHICLES (3)	\$81,486		Vehicles
2030	RTA Vehicle Replacement	RTD0010959	Pioneer Valley Transit Authority - ACQUIRE - Supervisory VEHICLES	\$116,820		Vehicles

\$152,846,873

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

As required in MAP-21, the Moving Ahead for Progress in the 21st Century Act (P.L. 112-141) consulted 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 31 list agencies with transportation interest in the Metropolitan Planning Area (MPA) that were contacted for the purpose of consultation while developing the TIP. Table 32 lists the agencies from table 31 which responded and coordinated meetings were held during TIP development.

Table 29 Agencies Contacted

Agency	Agency Location
US Fish and Wildlife Service	Hadley
MassDOT - Office of Transportation Planning	Boston
FEDERAL HIGHWAY ADMIN	Cambridge
US EPA	Boston
US Army Corp of Engineers	Concord
Westfield River Wild and Scenic Advisory Committee	Haydenville
AIR QUALITY CONTROL (DEP)	Boston
FEDERAL TRANSIT ADMIN	Cambridge
MassDOT Highway Division District 1 & 2	Northampton/Lenox
Economic Development Council of Western Mass	Springfield
PETER PAN BUS LINES, INC.	Springfield
Pioneer Valley Transit Authority (PVRTA)	Springfield
BARNES AIRPORT	Westfield
Pioneer Valley RR	Westfield
Bike/Ped Community (MassBike)	Boston
UMASS Transit	Amherst
Columbia Greenway Rail Trail Committee	Westfield
Stockbridge Munsee Community	Williamstown
New Haven to Northampton Canal Greenway Committee	Multiple

These agencies 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 30 Agencies Providing Consultation

Agency	Agency Location

APPENDIX G: FAST Act Performance Management Information

The FHWA and FTA are jointly issuing this final rule to update the regulations governing the development of metropolitan transportation plans (MTP) and programs for urbanized areas, long-range statewide transportation plans and programs, and the congestion management process as well as revisions related to the use of and reliance on planning products developed during the planning process for project development and the environmental review process. The changes reflect the passage of the Moving Ahead for Progress in the 21st Century Act (MAP-21) and the Fixing America's Surface Transportation (FAST) Act. The MAP-21 continues many provisions related to transportation planning from prior laws; however, it introduces transformational changes and adds some new provisions. The FAST Act makes minor edits to existing provisions. The changes make the regulations consistent with current statutory requirements and implement the following: A new mandate for State departments of transportation (hereafter referred to simply as "States") and metropolitan planning organizations (MPO) to take a performance-based approach to planning and programming; a new emphasis on the nonmetropolitan transportation planning process, by requiring States to have a higher level of involvement with nonmetropolitan local officials and providing a process for the creation of regional transportation planning organizations (RTPO); a structural change to the membership of the larger MPOs; a new framework for voluntary scenario planning; new authority for the integration of the planning and environmental review processes; and a process for programmatic mitigation plans.¹

PVPC accomplished the MTP requirements of FAST Act through the recent update to the Transportation Evaluation Criteria (TEC) for the Pioneer Valley MPO. The table below shows the relationship between FAST act planning factors and our TEC.

Fast Act Planning Factors Relationship to the Transportation Evaluation Criteria (TEC)

Factor	Fast Act 10 Planning Factors Description	TEC Scoring Criteria
1	Support the economic vitality of the metropolitan areas, especially by enabling global competitiveness, productivity, and efficiency.	Smart Growth and Economic Development, System Preservation, Modernization and Efficiency
2	Increase the safety of the transportation system for motorized and non-motorized users.	Safety and Security, Quality of Life
3	Increase the security of the transportation system for motorized and non-motorized users.	Safety and Security, Quality of Life
4	Increase the accessibility and mobility of people and for freight.	Mobility, Smart Growth and Economic Development

¹<https://www.federalregister.gov/articles/2016/05/27/2016-11964/statewide-and-nonmetropolitan-transportation-planning-metropolitan-transportation-planning#h-9>

5	Protect and enhance the environment, promote energy conservation, improve the quality of life, and promote consistency between transportation improvements and State and local planned growth and economic development patterns.	Environment and Climate Change, Quality of Life, Livability, Smart Growth and Economic Development
6	Enhance the integration and connectivity of the transportation system, across and between modes, for people and freight.	Smart Growth and Economic Development, Mobility
7	Promote efficient system management and operation.	System Preservation, Modernization and Efficiency, Mobility
8	Emphasize the preservation of the existing transportation system.	System Preservation, Modernization and Efficiency
9	Improve the resiliency and reliability of the transportation system and reduce or mitigate storm water impacts of surface transportation.	Environment and Climate Change
10	Enhancing travel and tourism.	Mobility, Quality of Life

APPENDIX H: Planning Acronyms

3C - Continuing, Comprehensive, and Cooperative Planning Process

AADT - Average Annual Daily Traffic

AASHTO - American Association of State Highway and Transportation Officials

ADA - Americans with Disabilities Act (1990)

ADT - Average Daily Traffic

AFV - Alternative Fuel Vehicles

ATR - Automatic Traffic Recorder

AVR - Average Vehicle Ridership

BAPAC - Barnes Aquifer Protection Advisory Committee

BID - Business Improvement District

BLOS - Bicycle Level of Service

BMP - Best Management Practice

BMS - Bridge Management System

CAAA - Clean Air Act Amendments of 1990

CBD - Central Business District

CDBG - Community Development Block Grant

CDC - Centers for Disease Control

CEDS - Comprehensive Economic Development Strategy

CIP - Capital Improvements Plan (or Program)

CMAQ - Congestion Mitigation and Air Quality Improvement Program

CMP - Congestion Management Process

CNG - Compressed Natural Gas

CO - Carbon Monoxide

COG - Council of Governments

CommPASS - Commonwealth Procurement Access and Solicitation System

CPA - Community Preservation Act

CPTC - Citizen Planner Training Collaborative

CRCOG - Capitol Region Council of Governments

CSO - Combined Sewer Overflow

DCR - Department of Conservation and Recreation

DEP - Department of Environmental Protection

DHCD - Department of Housing and Community Development

DLTA - Direct Local Technical Assistance

DOT - Department of Transportation

DPW - Department of Public Works

E.O. - Executive Order

EDC - Economic Development Council

EIR - Environmental Impact Report
EIS - Environmental Impact Statement
EJ - Environmental Justice
ENF - Environmental Notification Form
EOA - Economic Opportunity Area
EOEEA - Executive Office of Energy and Environmental Affairs
EPA - Environmental Protection Agency
FA - Federal Aid
FAST – Fixing America's Surface Transportation Act
FC - Functional Classification (of roadways)
FHA - Federal Housing Administration
FHWA - Federal Highway Administration
FRCOG - Franklin Regional Council of Governments
FRTA – Franklin Regional Transit Authority
FTA - Federal Transit Administration
GHG - Greenhouse Gas
GIS - Geographic Information System
GPS - Global Positioning System
HOV - High Occupancy Vehicle
HUD - U.S. Department of Housing and Urban Development
ISTEA - Intermodal Surface Transportation Efficiency Act of 1991
ITS - Intelligent Transportation Systems
JARC - Job Access and Reverse Commute
JLSB - Jacob's Ladder Scenic Byway
JLT - Jacob's Ladder Trail
JTC - Joint Transportation Committee
LEP - Limited English Proficiency
LOS - Level of Service
LPMS - Local Pavement Management System
LRV - Light Rail Vehicle
LTA - Local Technical Assistance
M.G.L. - Massachusetts General Laws
MAP 21 - Moving Ahead for Progress in the 21st Century
MARPA - Massachusetts Association of Regional Planning Agencies
MassDOT - Massachusetts Department of Transportation
MassGIS - Massachusetts Geographic Information System
MEPA - Massachusetts Environmental Policy Act

MMA - Massachusetts Municipal Association
MOA - Memorandum of Agreement
MOU - Memorandum of Understanding
MPO - Metropolitan Planning Organization
MUTCD - Manual of Uniform Traffic Control Devices
NFA - Non-Federal Aid
NHS - National Highway System
NHTSA - National Highway Traffic Safety Administration
NOx - Nitrogen Oxide
NTSB - National Transportation Safety Board
OCI - Overall Condition Index (Pavement)
PCI - Pavement Condition Index
PL - [Metropolitan] Planning Funds
PMS - Pavement Management System
PMUG - Pavement Management Users Group
PPP - Public Participation Process
PVTA - Pioneer Valley Transit Authority
QV CDC - Quabog Valley Community Development Corp.
REB - Regional Employment Board
RIF - Roadway Inventory Files
RPA - Regional Planning Agency
RTA - Regional Transit Authority
RTP - Regional Transportation Plan
SAFETEA-LU - Safe, Accountable, Flexible, Efficient Transportation Equity Act: A Legacy for Users
SBA - Small Business Administration
SIP - State Implementation Plan (for air quality)
SKC - Sustainable Knowledge Corridor
SOV - Single Occupancy Vehicle
SPR - Statewide Planning and Research Funds
STIP - Statewide Transportation Improvement Program
STP - Surface Transportation Program
TCSP - Transportation and Community System Preservation [Pilot Program]
TDM - Transportation Demand Management
TEA-21 - Transportation Equity Act for the 21st Century
TIP - Transportation Improvement Program
TMC - Turning Movement Count
TND - Traditional Neighborhood District

TOD - Transit Oriented Design (or Development)
TRB - Transportation Research Board
TRO - Trip Reduction Ordinance
TSM - Transportation Systems Management
UMass - University of Massachusetts
UPWP - Unified Planning Work Program
VMT - Vehicle Miles Traveled
VOC - Volatile Organic Compound
VOR - Vehicle Occupancy Rate
WBE - Women-owned Business Enterprises
WRWA - Westfield River Watershed Association
WRWSAC - Westfield River Wild & Scenic Advisory Committee
ZBA - Zoning Board of Adjustment (or Appeals)