

# Pioneer Valley Metropolitan Planning Organization Unified Planning Work Program

October 1, 2021 to September 30, 2022



Catalyst for Regional Progress

**PVPC**

Prepared by:

Pioneer Valley Planning  
Commission  
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Westfield Columbia River Greenway Bridge Photograph courtesy of John Tassinari

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Unified Planning Work Program

Fiscal Year 2022  
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Draft Document  
April 2021

Prepared by the  
Pioneer Valley Planning Commission

For the Pioneer Valley  
Metropolitan Planning Organization

**Pioneer Valley MPO Members**

<b>Name</b>	<b>Title</b>
Jamey Tesler	Acting Secretary and CEO of the Massachusetts Department of Transportation
Jonathan L. Gulliver	Administrator of the Massachusetts Department of Transportation Highway Division
Walter Gunn	Chairman of the Pioneer Valley Executive Committee
Mayor David Narkewicz	Chairman of the Pioneer Valley Transit Authority Advisory Board
Mayor John Vieau	City of Chicopee
Mayor Domenic Sarno	City of Springfield
Mayor William C. Reichelt	City of West Springfield
Mayor Nicole LaChapelle	City of Easthampton
Roger Fuller	Chesterfield Board of Selectmen
Rick Sullivan	Economic Development Council of Western Massachusetts
<b>Alternates</b>	
John Martin	Southampton Board of Selectmen
<b>Ex-Officio (Non-Voting)</b>	
Jeff McEwen	Federal Highway Administration
Peter Butler	Federal Transit Administration
Sandra Sheehan	Pioneer Valley Transit Authority Administrator
Tina Cote	Franklin Regional Transit Authority Administrator

Prepared in cooperation with the Massachusetts Department of Transportation, and the Federal Highway Administration and the Federal Transit Administration - U.S. Department of Transportation. The views and opinions of the Pioneer Valley Planning Commission expressed herein do not necessarily state or reflect those of the U.S. Department of Transportation.

If information is needed in another language, please contact the PVPC Title VI Specialist by phone at (413) 781-6045.

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

Si necesita información en otro lenguaje, favor contactar al especialista de MassDOT del Título VI al 413-781-6045.

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》第六章专职人员，电话 413-781-6045

如果需要使用其它語言了解信息，請聯系馬薩諸塞州交通部（PVPC）《民權法》第六章專職人員，電話 413-781-6045

## EXECUTIVE SUMMARY

Each year, Metropolitan Planning Organizations (MPOs) are required to prepare a Unified Planning Work Program (UPWP), in cooperation with member agencies, to describe all anticipated transportation planning activities over the course of the upcoming federal fiscal year. The UPWP is an essential step in the development of a continuing, cooperative, and comprehensive (3C) transportation planning process in the Pioneer Valley Region. As the lead planning agency for the Pioneer Valley Metropolitan Planning Organization (MPO), the Pioneer Valley Planning Commission (PVPC) is responsible for developing the UPWP in cooperation with the Pioneer Valley Transit Authority, Franklin Regional Transit Authority, the Massachusetts Department of Transportation (MassDOT), and the 43 communities that comprise the region.

The UPWP also identifies the federal, state, and local funding sources used to carry out the proposed tasks. Tasks included in the UPWP were developed to advance key emphasis areas as identified by the Federal Highway Administration, the Federal Transit Administration and MassDOT. This document was prepared in compliance with the Fixing America's Surface Transportation (FAST) Act and addresses its national goals and planning factors. The FAST Act specifically addresses all modes of transportation and enhances many of the existing provisions and programs defined in past transportation legislation. Additional information on the FAST Act can be found here: <http://www.fhwa.dot.gov/fastact/>.

The UPWP is divided into the following sections:

**Work Element 1** - Work Element 1 encompasses the administration and support of the 3-C transportation process. Major products under this task include the development of the TIP, the UPWP, regional public participation process, and Environmental Justice and Title VI planning.

**Work Element 2** – Data collection and other planning services required to support the UPWP are included as part of Work Element 2. This work is traditionally used to assist in transportation analysis and the development of figures and tables included in technical reports. This data is also used to assist in tracking regional transportation performance measures.

**Work Element 3** - This work element is comprised of transportation planning that directly supports the development of projects included in the Regional Transportation Plan (RTP) or the development of RTPs. Key studies included in Work Element 3 for FFY 2022 include:

- Task 3.1 – Regional Bicycle and Pedestrian Planning supports local and regional Complete Streets planning to accommodate all modes of transportation. As part of this task, PVPC will conduct a pedestrian safety study along Main and State Streets in the Town of Monson.
- Task 3.2 – Bike Share Implementation is an ongoing task to provide planning support to assist the regional bike share program, ValleyBike communities in its implementation and advancement. A summary of usage statistics for the 2021 calendar year will be developed as part of this report.
- Task 3.3 – Regional Freight Planning assists in the planning of the efficient movement of all forms of freight. This task will conduct an analysis of an existing low clearance railroad underpass at the intersection of Canal Street with Lyman Street in the City of Holyoke, MA.
- Task 3.4 – Regional Congestion Management Process Project Development analyzes regional travel time data along major transportation corridors to confirm areas of congestions. Staff will utilize data available through FHWA's National Performance Management Research Data Set (NPMRDS) to update the regional congested corridor ranking. Up to 5 location will be identified based on their CMP ranking to perform a anaalasis of congestion.
- Task 3.5 – Regional Pavement Management will analyze the data collected under Task 2.5 in the communities of Brimfield, Hampden, Holland, Monson, Palmer, Springfield, Wales and Wilbraham.
- Task 3.6 – Regional Performance Measures Assessment is intended to focus on the federal planning emphasis area of “transitioning to performance-based planning and programming.” Staff will continue to review and assess adopted regional performance targets and score projects for the TIP using the regional Transportation Evaluation Criteria. PM1 targets will be updated in February of 2022. PM2 and PM3 targets will be updated in the fall of 2022 as part of this task.



- Task 3.7 – Regional Safety and Planning Studies will perform an assessment of safety and congestion at two intersections in the City of Springfield, MA. PVPC will also work in cooperation with MassDOT to use the IMPACT Safety Analysis Tools to identify potential areas for high risk crashes in the region.
- Task 3.8 – Transit System Surveys and Route Implementation works in cooperation with PVRTA to survey, monitor, and assess the quality of their fixed route and paratransit services. A northern service area fixed route onboard customer survey started in the spring of 2020 but delayed due to COVID will be finalized to assist in improving the quality of transit service in this area.
- Task 3.9 – Regional Transit Planning provides technical assistance and analysis for transit planning, operations and capital programs in cooperation with the PVRTA. Under this task, PVPC will provide support for bus stop consolidation as well as new transit technologies and services, including bus rapid transit, microtransit, TNC coordination, Mobility as a Service, and mobile/electronic fare collection.
- Task 3.10 – Paratransit Planning Assistance supports the paratransit services for people with disabilities and seniors that are provided by PVRTA in fulfillment of the requirements of USDOT Section 504 regulations and other planning requirements under the Americans with Disabilities Act.
- Task 3.11 – Climate Change Implementation will update regional Climate Action Strategies and develop corresponding tools that can be implemented in the coming years to assist in reducing the impacts of climate change. PVPC will also work with municipalities to develop a prioritized list of culverts for repair and/or replacement.
- Task 3.12 – Green Streets and Infrastructure planning reduces the environmental impacts of streets, roads, and municipal infrastructure. As part of this task PVPC will continue a program of local technical assistance to municipalities to implement model green infrastructure strategies.

**Work Element 4** – Work Element 4 consists of transportation planning activities that support the day to day operations of the regional transportation system. Key tasks included as part of Work Element 4 include Scenic Byway Planning, Regional Land Use Planning and Local Technical Assistance.

**Additional Planning Projects** - This section outlines activities for which funding has not yet been secured. These proposed tasks are provided for information purposes only. To date no additional planning projects have been identified for the region for the FFY2022 UPWP.

## JOINT TRANSPORTATION COMMITTEE (JTC)

The JTC is a committee comprised of representatives of local, regional and state governments, as well as private groups and individuals involved in providing transportation facilities, services, and/or planning. The JTC was established by the 3C Memorandum of Understanding for the purpose of incorporating citizen participation in the transportation planning process. It is a forum to guide transportation planning activities, transportation investments through the TIP and as an advisory body to the MPO.

### Pioneer Valley Joint Transportation Committee Members and Alternates

Community	Member	Alternate
Agawam	Michelle Chase	Vacant
Amherst	Guilford Mooring	Jason Skeels
Barnes Municipal Airport	Christopher Willenborg	Vacant
Belchertown	Steven Williams	Gary Brougham/Douglas Albertson
Blandford	Josh Garcia	Vacant
Brimfield	Judith Carpenter	Vacant
Chester	Carl Baldasaro	Vacant
Chesterfield	Matt Smith	Vacant
Chicopee	Elizabeth Botelho	Doug Ellis
Cummington	Alan Taylor	Vacant
East Longmeadow	Bruce Fenney	Vacant
Easthampton	Dan Murphy	Vacant
Goshen	Vacant	Vacant
Granby	David Derosiers	Vacant
Granville	Doug Roberts	Mathew Streeter
Hadley	Christian Stanley	Chris Okafor
Hampden	Vacant	Vacant
Hatfield	Phil Genovese	Garrett Barry
Holland	Brian Johnson	Larry Mandell
Holyoke	Michael McManus	Jeffrey Burkott/Robert Peirent
Huntington	Charles Dazelle	Vacant
Longmeadow	Vacant	Timothy Keane
Ludlow	Vacant	Ellie Villano
MassBike	Gary Briere	Marvin Ward
MassDOT District 1	Mark Moore	Peter Frieri
MassDOT District 2	Paula Simmons	Vacant
Middlefield	Rodney Savery, Jr.	Vacant
Mobility Impaired Representative	Jennifer Lee (STAVROS)	Carmen Rosado (STAVROS)
Monson	Benjamin Murphy	Vacant
Montgomery	Curtis Bush, Jr.	Vacant
Northampton	Wayne Feiden	Maggie Chan
Palmer	Ryan McNutt	Gerry Skowronek
Pelham	Rick Adamcek	Vacant
Pedestrian Representative	Betsy Johnson - WalkSpringfield	Dan Call – Westfield Greenway
Peter Pan Bus Lines	Peter Picknelly, Jr.	Vacant
Pioneer Valley Railroad	David Pederson	Vacant
Pioneer Valley Transit Authority	Paul Burns	Vacant
Plainfield	Merton Taylor Jr.	Vacant
Russell	Vacant	Vacant
South Hadley	Chris Bouchard	Mike Sullivan
Southampton	Randall Kemp	Vacant
Southwick	Randy Brown	Richard Grannells
Springfield	Andrew Krar	Christopher Cignoli/Peter Shumway
Tolland	James Deming	Kathleen Cowles
University of Massachusetts	Glen Barrington	Vacant
Wales	Bruce Cadieux	Vacant
Ware	Gilbert St. George-Sorel	Vacant
Western Massachusetts EDC	Vacant	Vacant
Westfield	Mark Cressotti	Jeremy Cigal
Westhampton	David Blakesly	Arthur Pichette
West Springfield	Vacant	Vacant
Wilbraham	Tonya Bosch	Dena Grochmal
Williamsburg	Daniel Banister	Nick Dines
Worthington	Charley Rose	Peggy O'Neal

## FUNDING PROFILE

	Total	FHWA 3C PL	3C PL Match	Local Match	PVTA 5307	5307 Match
<b>1.0 Management &amp; Certification of the 3C Process</b>						
1.1 Management of the 3C Process	40,000	32,000	8,000			
1.2 Unified Planning Work Program	15,000	12,000	3,000			
1.3 Public Participation Process	26,000	20,800	5,200			
1.4 TIP Development	131,250	105,000	26,250			
1.5 Title VI and Environmental Justice	78,750	63,000	15,750			
<b>Subtotal of Section 1.0</b>	<b>291,000</b>	<b>232,800</b>	<b>58,200</b>			
<b>2.0 Technical Support &amp; Data Collection</b>						
2.1 Traffic Counting	35,000	28,000	7,000			
2.2 Regional Travel Demand Modeling/Clean Air Planning	85,000	68,000	17,000			
2.3 GIS, Mapping and Graphics	90,000	60,000	15,000		12,000	3,000
2.4 Information Center	37,000	29,600	7,400			
2.5 Regional Pavement Management System - Data Collection	42,000	33,600	8,400			
<b>Subtotal of Section 2.0</b>	<b>289,000</b>	<b>219,200</b>	<b>54,800</b>		<b>12,000</b>	<b>3,000</b>
<b>3.0 RTP Planning</b>						
3.1 Regional Bicycle, Pedestrian and Complete Streets Planning	75,000	60,000	15,000			
3.2 Bike Share Implementation	17,500	14,000	3,500			
3.3 Regional Freight Planning	30,000	24,000	6,000			
3.4 Regional Congestion Management Process	106,250	85,000	21,250			
3.5 Regional Pavement Management System - Project Dev.	50,000	40,000	10,000			
3.6 Regional Performance Measures Assessment	18,750	15,000	3,750			
3.7 Regional Safety and Planning Studies	115,872	92,698	23,174			
3.8 Transit System Surveys & Route Implementation	247,500	95,000	23,750		103,000	25,750
3.9 Regional Transit Planning	268,750	95,000	23,750		120,000	30,000
3.10 Paratransit Planning Assistance	35,000	15,000	3,750		13,000	3,250
3.11 Climate Change Implementation	19,000	15,200	3,800			
3.12 Green Streets and Infrastructure	19,000	15,200	3,800			
<b>Subtotal of Section 3.0</b>	<b>1,002,622</b>	<b>566,098</b>	<b>141,524</b>		<b>236,000</b>	<b>59,000</b>
<b>4.0 Ongoing Transportation Planning</b>						
4.1 Implementing the Regional Land Use Plan	15,000	12,000	3,000			
4.2 Scenic Byways Support	7,000	5,600	1,400			
4.3 Local Pavement Management Program	25,000			25,000		
4.4 Local Technical Assistance	34,000	27,200	6,800			
<b>Subtotal of Section 4.0</b>	<b>81,000</b>	<b>44,800</b>	<b>11,200</b>	<b>25,000</b>		
<b>MassDOT 3C Direct Costs</b>	<b>20,000</b>	<b>16,000</b>	<b>4,000</b>			
<b>Program Sum</b>	<b>1,683,622</b>	<b>1,078,898</b>	<b>269,724</b>	<b>25,000</b>	<b>248,000</b>	<b>62,000</b>

Funding estimates for FY2022 for federal PL funds were provided to the Pioneer Valley MPO by the MassDOT Office of Transportation Planning. All total, \$1,348,622 in PL funding was programmed in the FY2022 UPWP. This includes a total of \$274,585 in former Section 5303 funds that was transferred from FTA to FHWA. PVPC also receives a total of \$310,000 in Section 5307 funds under contract with PVTA. Local matching funds for the local pavement management program are estimated and not guaranteed. This estimate is based on historic funds received for this work.



A total of \$584,585 is programmed into transit planning activities in the FY2022 UPWP. This represents the total of the Section 5307 funding received from PVTA and the Section 5303 funding transferred from FTA to FHWA. This money is programmed as follows:

Planning Task	Transit Funding Programmed
1.4 TIP Development	\$10,335
2.3 GIS, Mapping and Graphics	\$23,000
3.8 Transit System Surveys & Route Implementation	\$247,500
3.9 Regional Transit Planning	\$268,750
3.10 Paratransit Planning Assistance	\$35,000
<b>Total</b>	<b>\$584,585</b>

### DRAFT ESTIMATED COMPLETION SCHEDULE OF PLANNING ACTIVITIES – FFY 2022 UPWP

Task	Product	Anticipated Completion	Public Engagement
1.1	Invoices	Monthly	
1.1	MPO Meeting Minutes	As necessary	
1.2	FY2022 UPWP	May 2022	March/April 2022
1.3	Press Releases and Public Participation Notices	As necessary	As necessary
1.3	Updated Public Participation Plan	Fall 2022	
1.4	Updated TEC Form	December 2021	October 2021
1.4	TIP Project Map	August 2022	
1.4	FY2022 - 2026 TIP	May 2022	February 2022
1.4	TEC Project Evaluation	March 2022	February 2022
1.4	TIP Amendments	As necessary	
1.5	Updated Demographic Maps	As necessary 0	
1.5	Updated Contact Database	January 2022	
1.5	Annual report to MassDOT on EJ, Title VI and LEP	January 2022	
1.5	Benefits and Burdens Analysis Update	May 2022	February 2022
2.1	Online traffic count viewer and download portal update	Summer 2022	
2.1	Website update of daily traffic counts	March 2022	
2.2	CMAQ and Greenhouse Gas Analysis	As necessary	
2.2	2020 Base Year Model	September 2023	
2.2	GHG Data Collection Report	September 2022	
2.3	GIS mapping to support transportation planning	As needed	
2.3	GIS spatial data analysis	As needed	
2.3	Regional Speed Limits Data Layers	Summer 2022	
2.4	Information Center Reports/ website updates	Ongoing	
2.4	Update region wide data indicators	December 2021 and July 2022	
2.4	Workforce trends Report	September 2022	
2.5	PMS Data Collection	Ongoing (requires dry pavement)	
3.1	JTC Bicycle and Pedestrian Subcommittee	Monthly	Monthly
3.1	Bicycle and Pedestrian Counts	Ongoing	
3.1	Valley Bike User Survey	September 2022	
3.1	Monson Pedestrian Safety Study	Summer 2022	
3.1	High Risk Pedetrian Crossing Report	September 2022	
3.1	Bike Commute Week Report	Summer 2022	
3.2	ValleyBike Steering Committee Meetings	Monthly	
3.2	ValleyBike Access Pass Registration Event(s)	Spring 2022	
3.2	ValleyBike Year 4 Summary Report	April 2022	
3.3	Canal/Lyman Street RR Underpass Study	Summer 2022	
3.3	CMP Freight Bottleneck Updates	September 2022	
3.4	CMP Corridor Updates	August 2022	
3.4	Congestion Analysis (up to 5 locations)	September 2022	
3.4	Park and Ride/Truck Stop Occupancy Reports	Ongoing	
3.5	Updated Online OCI Maps	Summer 2022	
3.6	Updated PM2 and PM3 regional targets	October 2022	

<b>Task</b>	<b>Product</b>	<b>Anticipated Completion</b>	<b>Public Engagement</b>
3.6	Updated PM1 regional targets	February 2022	
3.7	Brimfield Crash History Study	December 2021	
3.7	Longmeadow Crash History Study	February 2022	
3.7	St. James Ave. Safety Study	Summer 2022	
3.7	Springfield traffic Signal Warrants Analysis	Summer 2022	
3.7	Regional High Risk Crash Locations Report	September 2022	
3.8	Mystery Rider, K-9, On time Performance reporting	Quarterly	
3.8	Northern system onboard rider survey data and report	September 2022	
3.9	PVTA Schedule Updates	As Needed	
3.9	PVTA System Map Update	As Needed	
3.10	Paratransit Performance Measures reporting	Monthly	
3.10	CPT-HST Plan Update	September 2022	
3.11	Updates to Regional Climate Action Strategies	Ongoing	
3.11	Implementation of Climate Change Toolkit	Ongoing	
3.11	Culvert assessments for up to 3 communities	September 2022	
3.11	Pioneer Valley Clean Energy – Climate Action Meetings	Quarterly	
3.12	Updated Green Infrastructure Plan Strategies	Ongoing	
3.12	Updated Green Infrastructure Toolkit	Ongoing	
3.12	Regional Climate Resilience Working Group	September 2022	
4.1	Valley Development Council Meetings	Quarterly meetings	
4.1	Updated Priority Development Area Maps	As Needed	
4.1	Housing Plan Advisory Committee Meetings	Quarterly	
4.1	Land Use and Housing Toolkit Elements	As Needed	
4.2	Byway Area Committee meetings	As Needed	
4.2	Highlands Footpath Assessment	September 2022	
4.2	Byway-related Tourism Materials	Ongoing	
4.4	Local Technical Assistance	As requested	As necessary