

Unified Planning Work Program

UPWP

Fiscal Year 2011

October 1, 2010 to September 30, 2011



Prepared by

**The Pioneer Valley Planning Commission
for the Pioneer Valley Metropolitan Planning Organization**

Pioneer Valley
Unified Planning Work Program

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Final Document
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Prepared by the
Pioneer Valley Planning Commission

For the Pioneer Valley
Metropolitan Planning Organization

Pioneer Valley MPO Members

Name	Title
Jeffrey B. Mullan	Secretary and CEO of the Massachusetts Department of Transportation
Luisa Paiewonsky	Administrator of the Massachusetts Department of Transportation Highway Division
Richard Butler	Chairman of the Pioneer Valley Executive Committee
Mary MacInnes	Administrator of the Pioneer Valley Transit Authority
Mayor Domenic Sarno	Mayor of Springfield
Mayor Michael Bissonette	Mayor of Chicopee
Mayor Edward Gibson	Mayor of West Springfield
Mayor Clare Higgins	Mayor of Northampton
James Barry	Belchertown Board of Selectmen
Marcus Boyle	Hatfield Board of Selectmen
Alternates	
Mayor Elaine Pluta	Mayor of Holyoke
Mayor Daniel M. Knapik	Mayor of Westfield
Gerald Devine	Hadley Board of Selectmen
Enrico Villamaino	East Longmeadow Board of Selectmen
Ex-Officio	
Lucy Garliauskas	Federal Highway Administration
Mary Beth Mello	Federal Transit Administration
James Czach	Chairman – Pioneer Valley Joint Transportation Committee

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.

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INTRODUCTION

The Unified Planning Work Program (UPWP) is a narrative description of the annual technical work program for 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 other members of the MPO including the Pioneer Valley Transit Authority and the Massachusetts Department of Transportation (MassDOT).

The UPWP provides an indication of regional long and short-range transportation planning objectives, the manner in which these objectives will be achieved, the budget necessary to sustain the overall planning effort, and the sources of funding for each specific program element. All tasks will be performed by the PVPC in cooperation with appropriate agencies, unless otherwise stated.

The work tasks within this UPWP are reflective of issues and concerns originating from transportation agencies at the federal, state and local levels. As always, the UPWP continues and extends the PVPC's emphasis on "results-oriented" tasks. In addition, several tasks are specifically targeted to implement provisions of several pieces of federal legislation, particularly the Safe, Accountable, Flexible, Efficient Transportation Equity Act: A Legacy for Users (SAFETEA-LU), the Clean Air Act Amendments of 1990 (CAAA) and the Americans with Disabilities Act (ADA).

The descriptions of the tasks to be accomplished and the budgets for these tasks are based on the best estimate of what can be accomplished within the confines of available resources. If, in the performance of this work program, it becomes apparent that certain tasks cannot be accomplished due to changing or unforeseen circumstances, the UPWP will be adjusted by redefining the scope of the tasks and/or reallocating funds among tasks. Such adjustments will be developed in cooperation with MassDOT, the Federal Highway Administration (FHWA), the Federal Transit Administration (FTA), the Pioneer Valley Transit Authority (PVTa), and other concerned agencies as appropriate.

The time periods, or "program years", for the various funding sources are outlined in the following chart:

Funding Source	Fiscal Period:
FHWA/MassDOT	October 1, 2010 through September 30, 2011
FTA/MassDOT	April 1, 2011 through March 31, 2012
PVTA	July, 2010 through June, 2011
Scenic Byways Program	Various Contract Periods

The Pioneer Valley Metropolitan Planning Organization endorses the 2011 Unified Planning Work Program for the Pioneer Valley MPO once it has been developed cooperatively and in accordance with the Public Participation Process established for this region.

TRANSPORTATION PLANNING FUNDING SOURCES

FHWA/MassDOT - MassDOT receives two types of funds from FHWA that are passed through to planning agencies to conduct 3C transportation planning activities. These funds include Metropolitan Planning funds (PL) and Statewide Planning and Research funds (SPR) and are apportioned to states on the basis of population in urbanized areas and relative to the amount of highway construction funds the state receives. MassDOT maintains multi-year contracts with planning agencies to conduct transportation related planning activities within each region. These multi-year contracts utilize the PL and SPR funds received by FHWA.

Within the Pioneer Valley region the predominant source of funding from MassDOT is PL funds. In the past, unexpended funds from contract to contract were reserved in a "PL Balance" account for the region. Currently, funds not used during a program year are deobligated and may not be available for future use. Below is a summary of PVPC's continuing PL funding account.

Total PL Allocations as of October 1, 2010 (FFY 2011)	\$15,309,438
Total PL Expenditures as of March 31, 2010	\$13,031,568
Estimated PL Expenditure for Remainder of FFY 2010 UPWP	\$627,920
Current PL Balance (Estimated)	\$1,649,950
Estimated PL Expenditure in FFY 2011 UPWP	\$905,559
Estimated PL Balance as of September 30, 2010	\$744,391

Source: PVPC

A total of \$905,559 in PL funds has been programmed for the FY2011 Transportation Work Program. Direct Costs are expected to vary among tasks in the UPWP and are subject to change. A total of \$32,750 has been allocated for Direct Costs in FY2011.

FTA/EOTPW/PVTA –Two types of funds are used for transit planning purposes in the Pioneer Valley region; Section 5303 (formerly Section 8 Metropolitan Planning) and Section 5307 funds (formerly Section 9 Capital) of the Federal Transit Act Amendments of 1991. Section 5303 funds are earmarked for use in planning and technical studies related to urban mass transportation. They are filtered down from the Federal Transit Administration through the MassDOT to the regional planning agencies in the Commonwealth. Section 5307 funds can be used for planning as well as other purposes, and are distributed by the FTA on the basis of the Regional Transit Authority (RTA) service area population. The Pioneer Valley Transit Authority, using Section 5307 funds from the FTA, contracts with the PVPC for assistance on a wide range of planning activities. Both funds require a 20% local match, which is provided by the RTA.

The Pioneer Valley Transit Authority, the FTA Section 5307 applicant, has consulted with the Pioneer Valley Planning Commission and concurs that the public involvement process adopted by the MPO for the development of the UPWP 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 UPWP review is not sufficient. FTA will require additional public involvement prior to grant approval, as presented in the joint FHWA/FTA environmental regulations, 23 CFR-Part 771.

PVPC also receives 10% of the regional allocation of Section 5316 (Job Access and Reverse Commute) and Section 5317 (New Freedom) funds for administration of these two programs. Both programs are a competitive process. Section 5316 funds are used to address the unique transportation challenges faced by welfare recipients and low-income persons seeking to get and keep jobs. Section 5317 funds are used to support new public transportation services and public transportation alternatives beyond those required by the Americans with Disabilities Act (ADA) of 1990. In the past, PVPC has chosen to allocate 100% of these funds to the successful applicants.

Other Funding Sources – Other funding sources available are typically sought to conduct specific planning activities. These funds include highway funds such as Congestion Mitigation Air Quality (CMAQ) funds and Scenic Byway funds. These funds are awarded on a competitive basis and award is not guaranteed.

Many projects completed by the Community Development and Land Use Sections are funded through the award of competitive grants and through private contracts with local communities. These sources include Municipal Incentive Grants (MIGs), Community Development Block Grants, Community Development Action Grants, and Urban Development Action Grants. The PVPC also receives a modest amount of

funding from community assessment dollars which is used to supplement the local technical assistance program.

PIONEER VALLEY METROPOLITAN PLANNING ORGANIZATION MEMBERS

The Pioneer Valley Metropolitan Planning Organization (MPO) implements and oversees the 3C transportation planning process in the Pioneer Valley region. The objective of the **3C** transportation planning process is to assist, support, and provide the capability to maintain an open **comprehensive, cooperative, and continuing** transportation planning and programming process at all levels of government in conformance with applicable federal and state requirements and guidelines. The Pioneer Valley MPO was restructured in August of 2006 to enhance the role of the local communities in the transportation planning process and allow local MPO members to represent subregional districts respective to community size and geographic location. The number of voting members was increased from eight to ten and consists of the following officials or their designee or alternate.

- The Secretary and CEO of the Massachusetts Department of Transportation
- The Administrator of the Massachusetts Department of Transportation Highway Division
- The Chairman of the Pioneer Valley Planning Commission
- The Administrator of the Pioneer Valley Transit Authority
- the Mayors of two of the following three (3) urban core cities within the Pioneer Valley region duly elected as prescribed under the provisions of this MOU document:

Chicopee	Holyoke	Springfield
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- the Mayor or a Selectman of one of the following four (4) cities and towns outside of the three core cities within the Pioneer Valley region duly elected as prescribed under the provisions of this MOU document:

Agawam	Southwick	Westfield
West Springfield		

- the Mayor or a Selectman of one of the following five (5) cities and towns within the Pioneer Valley region duly elected as prescribed under the provisions of this MOU document:

Amherst	Easthampton	Hadley
Northampton	South Hadley	

- a Selectman of one of the following fourteen (14) suburban and rural towns within the Pioneer Valley region duly elected as prescribed under the provisions of this MOU document:

Belchertown	Brimfield	East Longmeadow
Granby	Hampden	Holland
Longmeadow	Ludlow	Monson
Palmer	Pelham	Wales
Ware	Wilbraham	

- a Selectman of one of the following seventeen (17) suburban and rural towns within the Pioneer Valley duly elected as prescribed under the provisions of this MOU document:

Blandford	Chester	Chesterfield
Cummington	Goshen	Granville
Hatfield	Huntington	Middlefield
Montgomery	Plainfield	Russell
Southampton	Tolland	Westhampton
Williamsburg	Worthington	

In addition, the Joint Transportation Committee (JTC) Chairman, and one representative each from the Federal Highway Administration (FHWA), the Federal Transit Administration (FTA), the Chair of the Infrastructure Committee of the Western Massachusetts Economic Development Council (EDC), the five (5) alternate community MPO representatives, and one representative each from both the Massachusetts Department of Transportation Highway Division District One and District Two Offices shall be considered ex-officio, non-voting members of the Pioneer Valley MPO. Alternate members shall be additional chief elected officials from each of the above-cited categories of communities and he/she shall be eligible to attend, participate and vote at MPO meetings in the event that the primary member cannot attend.

Pioneer Valley MPO Members

Name	Title
Jeffrey B. Mullan	Secretary and CEO of the Massachusetts Department of Transportation
Luisa Paiewonsky	Administrator of the Massachusetts Department of Transportation Highway Division
Richard Butler	Chairman of the Pioneer Valley Executive Committee
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James Barry	Belchertown Board of Selectmen
Marcus Boyle	Hatfield Board of Selectmen
Alternates	
Mayor Elaine Pluta	Mayor of Holyoke
Mayor Daniel M. Knapik	Mayor of Westfield
Gerald Devine	Hadley Board of Selectmen
Enrico Villamaino	East Longmeadow Board of Selectmen

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 intended that the JTC be representative of both public and private interests in the region and provide a forum to guide transportation planning activities and transportation improvements in the region. The JTC also serves in an advisory capacity to the MPO as they decide on whether accepting and endorsing a plan or project is appropriate.

Pioneer Valley Joint Transportation Committee Members and Alternates

Community	Member	Alternate
Agawam	Anthony Sylvia	Michelle Chase
Amherst	Guilford Mooring	Jason Skeels
Barnes Municipal Airport	Brian P. Barnes	
Belchertown	Steven Williams	Gary Brougham/Douglas Albertson
Brimfield	Robert Hanna	
Chester	Rene Senecal	
Chesterfield	Edward Dahill	Matt Smith
Chicopee	Catherine Brown	Steven Frederick
Cummington	Rob Dextraze	
East Longmeadow	David Gromaski	John M. Claffey
Easthampton	Stuart Beckley	James Gracia
Goshen	Joe Dunn	
Granby	David Derosiers	Wayne Tack
Granville	Doug Roberts	Kathryn Martin
Hadley	Alexandra Dawson	
Hatfield	Phil Genovese	
Holland	Earl Johnson	Brian Johnson
Holyoke	Matt Sokop	Jeffrey Burkott
Huntington	Wayne McKinney	
Longmeadow	Michael Vrabel	Thom Martens
Ludlow	Paul Dzubick	Elie Villeno
MassBike	Marvin Ward	
MassDOT District 1	Mark Moore	Peter Frieri
MassDOT District 2	Richard Masse	Eric Abell
Middlefield	Rodney Savery, Jr.	
Monson	John Morrell	Gretchen Neggers
Montgomery	Curtis Bush, Jr.	
Northampton	Wayne Feiden	Edward Huntley
Palmer	Richard Kaczmarczyk	Matthew Streeter
Pelham	Rick Adamcek	
Peter Pan Bus Lines	Peter Picknelly, Jr.	Robert Schwarz
Pioneer Valley Railroad	Michael Renniecke	
Pioneer Valley Transit Authority	Nicole Rohan	
Plainfield	Charles Waterhouse	
Russell	Mickey Sharkey	Lyle Maxwell
South Hadley	Jim Reidy	Yem Lip
Southampton	Edward J. Cauley	
Southwick	Jeff Neece	Richard Grannells
Springfield	John Judge	Christopher Cignoli
Tolland	James Deming	Jason Smith
University of Massachusetts	Al Byam	
Wales	Michael Wasiluk	
Ware	Gilbert St. George-Sorel	Paul Hills
Western Massachusetts Economic Development Council	Ken Delude	
Westfield	Mark Cressotti	
Westhampton	David Blakesly	Brian Mulvehill
West Springfield	James W. Lyons	James Czach
Wilbraham	James E. Thompson	Tonya Bosch
Williamsburg	William Turner	
Worthington	Cork Nugent	

TRANSPORTATION PLANNING STAFF

The Pioneer Valley Planning Commission employs a total of ten full-time transportation planners and at least two part-time transportation interns.

<u>Name</u>	<u>Title</u>
Rana Al Jammal	Senior Transportation Planner - Specialist
David Elvin	Senior Transit Planner
David Johnson	Transportation Planner - Specialist
Amir Kouzehkanani	Principal Planner – Manager
Andrew McCaul	Transportation Planner I
Jeffrey McCollough	Senior Transportation Planner II
Khyati Parmar	Senior Transportation Planner II
Joshua Rickman	Transportation Planner II
Dana Roscoe	Principal Planner - Section Head
Gary Roux	Principal Planner - Section Head

STAFFING REPORT

The following PVPC staff members are expected to work on the FY2011 Unified Planning Work Program. The percentage of each staff member's time devoted to Transportation Planning Tasks is approximated under “% Time on Transportation”.

Staff	Position	% Time on Transportation
Rana Al Jammal	Senior Transportation Planner - Specialist	100%
Jessica Allen	Land Use Planner	25%
Jayne Armington	Planner	9%
David Elvin	Senior Transit Planner	100%
Anne Capra	Principal Planner	2%
Ray Centeno	Graphics Designer	24%
Chris Curtis	Chief Planner/Section Manager	18%
Christopher Dunphy	Community Development Senior Planner	10%
Patty Gambarini	Senior Planner	5%
Molly Goren-Watts	Analyst/Regional Information Center Manager	71%
Dave Johnson	Transit Planner - Specialist	100%
Amir Kouzehkanani	Principal Transp. Planner/Manager	100%
Andrew Loew	Community Development Planner	10%
Brian Markey	Land Use Planner	10%
James Mazik	Deputy Director for Operation/Community Development Section Manager	15%
Andrew McCaul	Transportation Planner I	100%
Jeff McCollough	Senior Transportation Planner	100%
Kelvin Molina	Community Development Planner	10%
Khyati Parmar	Transportation Planner I	100%
Bonnie Parsons	Community Development Principal Planner	35%
Catherine Ratte	Principal Planner/Section Manager	16%
Joshua Rickman	Transportation Planner II	100%
Dana Roscoe	Principal Planner – Section Head	100%
Gary Roux	Principal Planner – Section Head	100%
Jim Scace	Senior Planner/GIS Specialist	15%
Ashley Shea	Communications Manager	19%
Todd Zukowski	GIS/Cartographic Section Manager	25%
Transportation Interns (2)	Intern	100%

PREVIOUS TRANSPORTATION STUDIES

Jacob's Ladder Trail Scenic Byway - Landscape Inventory & Assessment
 Jacob's Ladder Trail Scenic Byway Study- Executive Summary
 Jacob's Ladder Trail Scenic Byway - Highway and Safety Analysis
 Jacob's Ladder Trail Scenic Byway- Cultural Resources Inventory
 Jacob's Ladder Trail Scenic Byway Study- Land Use Strategies
 Touring Jacob's Ladder Trail by Bicycle or Car
 Jacob's Ladder Trail Scenic Byway Development Guidebook
 Jacob's Ladder Trail Scenic Byway. Improvements Plan: Phase II
 Town of Hadley Ma. Americans with Disability Act. Transition Plan.
 The Pioneer Valley Plan For Progress
 Connecticut River Walk & Bikeway Analysis
 Valley Vision: The Regional Land Use Plan
 A View of Our Valley: Population
 A View Of Our Valley: Transportation
 A View of Our Valley: Employment & Income
 A View of Our Valley: Market Trends
 Employment Projections for the PVPC
 Major Employers Inventory for the Pioneer Valley Region
 1997 Major Employers Inventory Report
 Route 9 Corridor Study, Traffic Improvements
 I- 91 Corridor Study: An Impact Analysis of the Cultural Landscape
 Southwick Report: A Report on Traffic Issues
 1990 Transit Riders Study
 Route 10 Corridor Study
 Route 9 Corridor Supplemental Report
 Route 5 Corridor Study
 Rte.9 Corridor Study: Land Use Trends
 Rte.9 Corridor Study Addendum
 Rte. 5 Corridor Study Supplemental Reports:
 Rte. 5 Signal Coordination
 Elmwood Area Preliminary Travel Demand Analysis
 Route 10/202 Corridor Study
 Regional Traffic Count Reports
 Origin/Destination Survey of PVTA Rte. 107
 Complimentary Paratransit Plan
 Forging a Link Between Land Use & Transportation Planning in the Pioneer Valley Region
 Boston Road Corridor Study
 The VMT Reduction Workbook
 PVTA Economic Benefit and Impact Study
 1997 Pioneer Valley Regional Transportation Plan
 Regional Pavement Management Report
 State Street Signal Coordination Project
 Pioneer Valley Region Congestion Mgmt. System
 Traffic and Parking Study Update Report for Easthampton
 Connecticut River Scenic Farm Byway Study
 Route 20 Corridor Study – Westfield/West Springfield
 Town of Wilbraham Pavement Management Study
 Town of Belchertown Pavement Management Study
 Town of Ludlow Pavement Management Study
 PVTA Green 01 Transit Route Survey
 PVTA Bus Stop Survey
 Downtown Amherst Parking Study

Downtown Ware Parking Study
 East Longmeadow Rotary Study
 There's No Place Like Our Home (Strategy 2000)
 Springfield Street Traffic Study – Agawam
 Norwottuck Rail Trail Parking Study
 Public Participation within the Transportation Planning Process
 State of the Pioneer Valley: 2000
 State of the Pioneer Valley: 2001
 Trends in Building Permits: 1988 to 1997
 Data Digest: Commercial and Industrial Capacity in the Pioneer Valley Region
 Data Digest: Residential Property in the Pioneer Valley Region: 1993 - 98
 Regional Profile: A Statistical Profile of the Hartford-Springfield Interstate Region
 Agawam Pavement Management Study
 Pioneer Valley Regional Bicycle and Pedestrian Transportation Plan
 Bradley Airport Study for Western Massachusetts
 2000 Pioneer Valley Regional Transportation Plan
 Outer Belt Transportation Study
 Holyoke Downtown Flow Study
 Hampden County House of Correction Parking Study
 Linden Street Traffic Study
 Northampton Transportation Plan
 2003 Regional Transportation Plan Update
 West Springfield Parking Study
 PVTA Garage Parking Study
 Longmeadow Route 5 Traffic Study
 Norwottuck Rail Trail User Survey
 Executive Order 418 Community Development Plans (various)
 Route 32 – Ware Traffic Study
 Springfield – St. James Ave./St. James Blvd. Study
 Merrick/Memorial Neighborhood Plan – Phase I
 Route 9 at North and South Maple Street Safety Study
 Massachusetts Turnpike Exit 6 at I-291 Safety Study
 Route 5 at Conz Street Safety Study
 Pavement Management Informational Brochure
 Springfield Riverwalk User Survey
 Updates to the Regional Congestion Management System
 Center Street Traffic Study – Ludlow
 Feeding Hills Center Safety Study – Agawam
 Florence Road at Burts Pit Road Safety Study – Northampton
 Boston and Maine Railroad Bridge Safety Study – Northampton
 West Street at Pantry Road Safety Study – Hatfield
 Regional Bike Map Update
 Amendment to the 2003 Regional Transportation Plan
 2006 Update to Joint Transportation Committee Bylaws
 Regional Traffic Count Report Summary: 2001-2005
 SABIS School Study – Springfield
 Amostown Road and Morgan Road Traffic Study – West Springfield
 Connecticut River Walk and Bikeway Brochure
 Main Street at Jackson Street Safety Study – Holyoke
 Route 141 Safety Study – Easthampton and Holyoke
 I-291 Exit 6 off ramp at Shawinigan Drive Safety Study – Chicopee

Downtown Huntington Parking Study
 Route 57 intersection study – Southwick
 Regional CMS Data Collection Update
 Merrick/Memorial Truck and Pedestrian Surveys
 Palmer Park and Ride Lot Study
 Local Technical Assistance Requests (various)
 2007 Regional Transportation Plan Update
 Route 141 Safety Study Updates – Easthampton and Holyoke
 Valley Vision 2
 Regional Bicycle and Pedestrian Plan Update
 Feeding Hills Center Transportation and Safety Study Final Report
 Regional CMP Annual Report Update
 Top 100 Crash Locations in the Pioneer Valley
 Route 202 Transportation Study – Belchertown
 Florence Road Traffic Study – Northampton
 Palmer Redevelopment Authority Track Capacity Improvements
 Route 10/202 Transportation Study – Southwick
 Route 57 Transportation Study – Southwick
 North Pleasant Street at Fearing Street Study – Amherst
 PVPC Regional Bridge Map
 Palmer Bike Path Study
 Route 112 Scenic Byway Study - Draft
 Public Participation Plan for the Pioneer Valley MPO Update
 STCC Environmental Justice Analysis
 Regional Traffic Counts: 2003-2007

State of the Region/People 2008
 PVRTA Fare Assessment
 Route 10 Corridor Study Existing Conditions Analysis– Easthampton
 R41 and Nashawannuck Express Passenger Surveys
 PVRTA Systemwide Passenger Survey
 Amherst Parking and Transit Survey
 Granby Master Plan – Transportation Component
 Adams Road Safety Study – Williamsburg
 Feeding Hills Center Crash Data Review – Agawam
 Route 9 at North Street and Petticoat Hill Road Study – Williamsburg
 Southwick Transit Study
 Intermodal Connector Review
 Major Employers Report Update
 Westfield CBD Traffic Circulation Study
 Page Boulevard at Goodwin Street Congestion Study - Springfield
 Berkshire Avenue at Cottage Street Congestion Study - Springfield
 Route 5 Traffic Signal Coordination Study – Holyoke
 Granby Road at McKinstry Avenue and Montgomery Street Safety Study – Chicopee
 Maple Street at Resnic Boulevard Safety Study – Holyoke
 Dwight Street at Worthington Street Safety Study – Springfield
 Jacob's Ladder Trail II – Transportation Section Update
 Chicopee Parking Study

STUDIES COMPLETED AS PART OF THE FY 2010 UPWP

Community and Facility Profiles (various)
 Local Technical Assistance Requests (various)
 FFY 2011 Unified Planning Work Program
 FFY 2010 Transportation Improvement Program Amendments
 FFY 2011 – 2014 Transportation Improvement Program
 2008 MassHighway Crash Data Updates
 CMP Report Update
 Telecommuter Survey
 North Main Street at Wilbraham Street, Sykes Street, and Shearer Street Safety Study – Palmer
 Public Participation Plan for the Pioneer Valley MPO Update
 Regional Traffic Count Report: 2005 – 2009
 PVRTA Northern/Eastern Region Onboard Bus Rider Survey
 Top 3 Regional Bottlenecks Report
 Regional Travel Time Contours Update
 Route 116 at Route 33 and Lyman Street Safety Study – South Hadley
 East Street at Winsor Street and Hampden Street Study – Ludlow
 West Avenue at Fuller Street Study – Ludlow
 Transportation Chapter – Ludlow Master Plan
 Project Development Process Primer
 Manhan Rail Trail User Survey
 Downtown Ware Signalization Study
 Longmeadow Local Pavement Management
 West Springfield Local Pavement Management
 Greenleaf Community Center Safety Study

WORK ELEMENT 1 – MANAGEMENT AND CERTIFICATION OF THE 3C PROCESS

This work element encompasses the administration and support of the 3-C transportation process and has been divided into the following tasks for FY 2011.

Task 1.1 Management of the 3-C Process

OBJECTIVE:

To assist, support, and facilitate an open Comprehensive, Cooperative, and Continuing (3C) transportation planning and programming process at all levels of government in conformance with applicable federal and state requirements and guidelines as described in the 3C Memorandum of Understanding.

PREVIOUS WORK:

1. Management of the 3C process using previous Unified Planning Work Program and prospectus documents, transportation plans, Memorandum of Understanding, and Annual Review Reports.

PROPOSED ACTIVITIES:

1. Provide liaisons between PVPC communities, PVRTA, private transportation providers, abutting regions and communities including the State of Connecticut, and other organizations at the local, regional, state, and federal levels on transportation related matters, issues and actions.
2. Work with the Metropolitan Planning Organization (MPO) and its constituent members. Present transportation plans, studies and programs developed through the 3C public participation process for appropriate MPO action.
3. Provide technical assistance to the Transportation Policy Advisory Group (i.e. Joint Transportation Committee) and subgroups thereof.
4. Participate in Transportation Managers Group as a means to continually improve the quality and operation of the transportation planning process.
5. Review and comment on federal and state transportation-related plans, programs, regulations and guidelines.
6. Provide transportation planning services in support of the PVPC's comprehensive planning programs and conduct meetings and workshops on transportation issues.
7. Participate in informational transportation programs and courses. Review literature on new transportation planning procedures.

PRODUCTS:

1. Technical assistance memoranda, reports, and workshops as needed.
2. Updates to certification documents as required.
3. MPO meeting minutes.

Source	Budget	Est. Staff Effort
FHWA PL (80%)	\$ 28,000	17 weeks
MassDOT (20% match)	\$ 7,000	4 weeks
FTA S.5303	\$ 15,000	8 weeks
FTA S.5316	\$ 35,382	19 weeks
FTA S.5317 – NewFreedom	\$ 23,294	12 weeks
TOTAL	\$108,676	60 weeks

Direct Labor	\$49,851
Indirect Costs	\$58,825

Task 1.2 Unified Planning Work Program

OBJECTIVE:

To prepare and continually maintain a Unified Planning Work Program (UPWP) that describes all anticipated transportation and transportation-related planning activities in the PVPC region. The UPWP will include a summary of the estimated funding source(s) for each task and be completed in conformance with applicable federal, state, and regional guidelines.

PREVIOUS WORK:

1. Pioneer Valley Unified Work Programs 1974 - 2010.

PROPOSED ACTIVITIES:

1. Review and amend relevant portions of the PVPC's UPWP in order to meet new planning requirements and/or circumstances pertinent to the region's transportation sector. Circulate revisions to the appropriate agencies for review and/or endorsement.
2. Develop a new UPWP for the Pioneer Valley MPO covering the next federal fiscal year. The development of a new UPWP will be prepared in cooperation with the Regional Joint Transportation Committee (JTC) and MPO and subject to the adopted Public Participation Plan.
3. Perform outreach to member communities to identify potential transportation planning activities for inclusion in the UPWP.

PRODUCTS:

1. Amendments to the current UPWP as necessary.
2. UPWP for the next program year (FFY 2012)

Source	Budget	Est. Staff Effort
FHWA PL (80%)	\$5,500	2 weeks
MassDOT (20% match)	\$1,375	1 week
FTA S.5303	\$1,250	1 week
TOTAL	\$8,125	4 weeks

Direct Labor	\$3,727
Indirect Costs	\$4,398

Task 1.3 Public Participation Process

OBJECTIVE:

To assess the effectiveness of the current Public Participation Process and to develop and enhance the process of regional involvement. To provide the public with complete information, timely notice, full access to key decisions and opportunities for early and continuing involvement in the transportation planning process.

PREVIOUS WORK:

1. Pioneer Valley Public Participation Process 2000-2010.
2. Planned, produced and created online training modules for the PVPC webpage that demonstrate bicycle rack installation techniques.
3. Memorandum of Understanding for the restructure of the Pioneer Valley Metropolitan Planning Organization.
4. PVPC website.
5. Pavement Management Informational Brochure
6. Press releases and publicity announcing transportation projects and events
7. Quarterly PVPC newsletter "Regional Reporter"

PROPOSED ACTIVITIES:

1. Expand and refine the current Public Participation Process as needed.
2. Apply the Public Participation Process to transportation programs and tasks to: prepare for public meetings; attend public meetings; perform outreach to increase public participation; inform and educate residents and employers of the region about transportation legislation and PVPC activities.
3. Apply new and innovative approaches to improve public participation levels and opportunities, especially for plans and programs.
4. Incorporate "visioning" approaches to improve public participation and outreach efforts.
5. Update the transportation section of the PVPC webpage to include information on current and past transportation studies. And expand available video material.

PRODUCTS:

1. Meeting minutes.
2. Press releases for transportation projects.
3. Web based information distribution.

Source	Budget	Est. Staff Effort
FHWA PL (80%)	\$14,400	8 weeks
MassDOT (20% match)	\$ 3,600	2 weeks
FTA S.5303	\$ 7,500	4 weeks
TOTAL	\$25,500	14 weeks

Direct Labor	\$11,697
Indirect Costs	\$13,803

Task 1.4 Transportation Improvement Plan (TIP) Development**OBJECTIVE:**

The Pioneer Valley TIP is a financially constrained four-year schedule of projects identified by year and location complete with funding source and cost. The TIP is developed annually and is available for amendment and adjustment at any time. Each program year of the TIP coincides with the Federal Fiscal Year calendar, October 1 through September 30. All TIPs and amendments are consistent with the goals and objectives of the Regional Transportation Plan for the Pioneer Valley region. Under this task PVPC staff with guidance from the Pioneer Valley Metropolitan Planning Organization (MPO), will develop, update, amend, and maintain the TIP.

PREVIOUS WORK:

1. Pioneer Valley Transportation Improvement Programs 1974 – 2010
2. Transportation Improvement Program Database
3. Annual Transportation Evaluation Criteria (TEC) Forms Update
4. Annual TEC summary sheet to assist in populating the Draft TIP.
5. Map of projects programmed by year.

PROPOSED ACTIVITIES:

1. Update and improve PVPC's database of transportation projects. Data will satisfy the requirements of the Metropolitan Planning Rules.
2. Assist Communities with the development of new and existing projects in order to meet Design Guide Book requirements

3. Assist JTC with the utilization of project evaluation criteria in order to develop a financially constrained project listing for each program year with federal, state and regional officials.
4. Maintain the financial element for all years of the TIP. Financial constraint will be maintained based on funding targets provided by MassDOT. Funding sources will also be provided when available.
5. Present air quality conformity findings conducted for the RTP and TIP. Analyses and documentation will satisfy the requirements of the Metropolitan Planning Rules.
6. Coordinate meetings with federal, state and regional officials to cooperatively prepare, review and revise the TIP.
7. Conduct appropriate public participation for the TIP consistent with the public participation plan for the region.
8. Present documents to the MPO for endorsement.
9. Conduct formal amendments and adjustments as necessary.
10. Attend regular meetings with MassDOT Highway division staff from both district offices to exchange information regarding transportation improvement projects.
11. Provide links on the PVPC web site for communities to use to access current as well as archived TIP documents and project information.
12. Coordinate monthly Joint Transportation Committee (JTC) meetings and sub-committee meetings as required.

PRODUCTS:

1. FFY 2011 - 2014 Transportation Improvement Program.
2. TIP Amendments and Adjustments as necessary.
3. Comment summary report for comments received during public review for amendments made to the TIP.
4. Ranked list of evaluated TIP projects, with corresponding TEC sheets.
5. Map displaying the 4 years of programmed projects.
6. TIP webpage providing all pertinent project information for official use.

Source	Budget	Est. Staff Effort
FHWA PL (80%)	\$40,000	22 weeks
MassDOT (20% match)	\$10,000	5 weeks
FTA S.5303	\$12,500	7 weeks
TOTAL	\$62,500	34 weeks

Direct Labor	\$28,670
Indirect Costs	\$33,830

Task 1.5 Statewide Funding Proposal Assistance

OBJECTIVE:

To provide management, guidance and technical support for the development and maintenance of statewide TIP funding programs. Programs include Transportation Enhancements, Travel Demand Management, and Congestion Mitigation/Air Quality.

PREVIOUS WORK:

1. Funding Proposal Assistance – 1998 - 2010.
2. Participated as MARPA representative to Statewide Enhancement Steering Committee 1998-2004.

PROPOSED ACTIVITIES:

1. Provide technical assistance to communities in the development of project grant proposals, in public outreach and consensus building, and in implementing projects through the MassDOT funding process.

2. Assist MassDOT in advancing Enhancement projects, including the Keystone Arch Bridges project, to implementation.

PRODUCTS:

1. Technical assistance to communities on Enhancement project development.

Source	Budget	Est. Staff Effort
FHWA PL (80%)	\$ 2,400	2 weeks
MassDOT (20% match)	\$ 600	1 week
TOTAL	\$3,000	3 weeks

Direct Labor	\$1,376
Indirect Costs	\$1,624

Task 1.6 Environmental Justice

OBJECTIVE:

To provide full participation for minority and low-income communities in the MPO planning and decision making process. Ensure that these communities are treated equitably and given full consideration in the provision of transportation services and projects.

PREVIOUS WORK:

1. Expanded public participation efforts related to the RTP and TIP to target key minority population groups in the region.
2. Evaluated the distribution of transportation investments in the Pioneer Valley region.
3. Hosted a statewide EJ workshop and networking session.
4. Developed bi-lingual survey form for transit surveys.
5. Coordination with Baystate Health Systems, Springfield Health Coalition, Live Well Springfield, the Rails to Trails Conservancy, and the Springfield Planning Department to create an ongoing Built Environment Task Force to examine transportation barriers in Springfield neighborhoods.
6. Hosted paratransit public meetings to solicit feedback on rider needs and issues.
7. Coordinated a survey of commuter students for the Massachusetts Career Development Institute.
8. Coordinated EJ assessment and outreach with the Springfield Technical Community College and PVTA for a parking lot expansion and shuttle bus service.
9. Develop bilingual public notices for the Transportation Improvement Plan and the Regional Transportation Plan.
10. Inventory of regional Transit Amenities (stops and shelters).

PROPOSED ACTIVITIES:

1. Actively seek out stake holders and meet with regional organizations and groups that work with the Environmental Justice Community to facilitate and coordinate participation in the regional transportation planning process. These efforts may include presentations at regular scheduled meetings.
2. Continue to Incorporate "visioning techniques" in new projects and planning tasks that will better engage low income and minority populations.
3. Facilitate surveys and other planning activities to assist in the equitable development of future transportation planning

4. Develop bilingual surveys for PVTa and bilingual public notices for the Transportation Improvement Plan and the Unified Planning Work Program to provide increased opportunities for under-served populations to be represented in the public participation process.
5. Continue to assess proposed transportation investments in the Pioneer Valley region to determine whether low-income and minority communities are receiving a fair allocation of available resources.
6. Continue coordination between PVPC and CRCOG related to Environmental Justice.
7. Review measures of effectiveness regarding implementation of Title VI.

PRODUCTS:

1. Ongoing coordination of the Springfield Built Environment Task Force
2. Expand outreach to Holyoke. Work to identify stakeholder organizations and attend meetings to network and broaden substantive participation with community organizing groups.
3. Online webinar training for staff through Environmental Justice workshops as needed.

Source	Budget	Est. Staff Effort
FHWA PL (80%)	\$12,500	6 weeks
MassDOT (20% match)	\$ 3,125	2 weeks
FTA S.5303	<u>\$ 9,375</u>	<u>5 weeks</u>
TOTAL	\$25,000	13 weeks

Direct Labor	\$11,468
Indirect Costs	\$13,532

WORK ELEMENT 2 - TECHNICAL SUPPORT & DATA COLLECTION

This element outlines specific activities to be conducted in support of transportation planning tasks described in other UPWP elements.

Task 2.1 Traffic Counting

OBJECTIVE:

To provide accurate and efficient traffic data collection services to the MassDOT and the PVPC's 43 member communities.

PREVIOUS WORK:

1. Regional Traffic Counting Program 1985 - 2010.
2. Traffic count library and database at PVPC.
3. Highway Performance Monitoring System (HPMS) data collection and analysis.
4. Regional Traffic Counts, 2005 – 2009.

PROPOSED ACTIVITIES:

1. Collect 48 hour traffic count data and GPS coordinates to assist in mapping at locations requested by MassDOT.
2. Collect HPMS data and perform analysis, as requested by MassDOT.
3. Update the PVPC traffic count library by supplementing the MassDOT count locations in the region and performing traffic counts for communities on a limited request basis.
4. Submit all traffic count data to the MassDOT and the appropriate community.
5. Conduct four monthly traffic counts to collect seasonal traffic information for the region and assist in the development of regional adjustment factors and growth rates.
6. Provide traffic counts for other UPWP tasks including the Regional Transportation Model, Local Technical Assistance requests, and management systems.
7. Update and maintain the PVPC traffic count database.
8. Collect, turning movement counts, bicycle, and pedestrian volumes at pre-determined locations.
9. Include an inventory of PVPC's Automatic Traffic Recorder counts for the past recent 5 seasons on the agency webpage.

PRODUCTS:

1. Summary reports of daily traffic count information for the region.
2. Document traffic counts for other UPWP tasks as performed.
3. PVPC web page Average Daily Traffic counts.

Source	Budget	Est. Staff Effort
FHWA PL (80%)	\$30,000	17 weeks
MassDOT (20% match)	<u>\$ 7,500</u>	<u>4 weeks</u>
TOTAL	\$37,500	21 weeks

Direct Labor	\$17,202
Indirect Costs	\$20,298

Task 2.2 Regional Travel Demand Modeling/Clean Air Planning

OBJECTIVE:

To maintain and advance the regional travel demand model of the Pioneer Valley Region as a tool for sustainable transportation planning and air quality conformity. To develop certification documents, reports, and other materials that meet the goals of the Clean Air Act Amendments (CAAA), SAFETEA-LU as it pertains to air quality planning, the State Implementation Plan (SIP), and the goals and objectives of the PVPC.

PREVIOUS WORK:

1. Development of the PVPC regional travel demand forecasting model.
2. Air quality conformity determinations for the RTP, TIP and at the request of MassDOT.
3. PVPC regional transit model.
4. TransCAD network for the PVPC Regional Transportation Model calibration of 1997 base roadway inventory file.
5. 2000 Census Data and geography updates.
6. Provide support data to CONDOT, CRCOG and other neighboring regions to be used in their Transportation Model to assess a proposed New Haven – Springfield commuter rail and ongoing planning efforts.
7. Memorandum on quantitative and qualitative evaluation criteria for CMAQ funded TIP projects.
8. Position paper on the impact of converting the regional model from external stations to external zones.
9. VMT Estimates for 43 communities of the Pioneer Valley region.
10. Preliminary analysis for the Easthampton Master Plan.
11. Testing of initial Evacuation Model scenarios for Hampden county.

PROPOSED ACTIVITIES:

1. Update roadway inventory information, regional traffic analysis zone (TAZ) data, future analysis years, and data from surrounding planning agencies in the PVPC regional transportation model as necessary.
2. Work with the Office of Transportation Planning to provide updated information on non-exempt regional projects for inclusion in the statewide model.
3. Perform air quality conformity determinations as necessary for TIP projects to be funded under the Congestion Mitigation and Air Quality (CMAQ) program and potential projects applying for funding under the Transportation Demand Management (TDM) program.
4. Develop community links within the regional model in order to estimate community effects of transportation improvement projects.
5. Continue to provide supporting data from the model to communities and MassDOT.
6. Use the regional transportation model to assist in the development of future build out estimates as part of ongoing transportation planning activities.
7. Conduct transit planning activities and bus route analysis incorporating southern and northern bus routes.
8. Use the regional transportation model to assist in evacuation planning.
9. Upgrade model features to enhance the tools offered by the model.
10. Work to integrate the results of the 2009 telecommuting travel survey into the regional model.

11. Prepare for the addition of TAZ's to the Regional Travel Demand Model in anticipation of changes provided by the upcoming United States 2010 census.
12. Set up the conversion process for the Regional Travel Demand Model base year from 2000 to 2010.

PRODUCTS:

1. Updates to the regional travel demand model.
2. Conformity statements and air quality support materials for the RTP and the TIP as necessary.
3. Comments on proposed federal and state regulations.
4. Provide maps for ongoing requests of graphical representation of existing model structure.
5. Advanced transportation planning analysis.

Source	Budget	Est. Staff Effort
FHWA PL (80%)	\$48,000	27 weeks
MassDOT (20% match)	\$12,000	7 weeks
FTA S. 5303	<u>\$ 4,375</u>	<u>2 weeks</u>
TOTAL	\$64,375	36 weeks

Direct Labor	\$29,530
Indirect Costs	\$34,845

Task 2.3 GIS, Mapping and Graphics

OBJECTIVE:

Develop, maintain, archive, and distribute digital geo-referenced data about the Pioneer Valley Region and its transportation systems. The GIS/Graphics Center looks to increase access to an extensive regional database; improve spatial analytical capabilities; and serve as a catalyst for cooperative development, exchange and distribution of map data. A strong emphasis will be placed on the development of high quality products which enhance decision-makers' understanding of complex issues and facilitate the implementation of local and regional goals.

PREVIOUS WORK:

1. Created and maintained GIS regional bus system database; including updates to the transit system map, preparation of individual maps and schedules, regional transit service analysis, and support to PVRTA web page.
2. Acquired, revised and integrated relevant GIS spatial data/map coverages generated at local, state and federal levels into Pioneer Valley regional projects, including: road centerlines, road names, updated municipal zoning, land use, parcel, and critical public infrastructure data.
3. Developed, enhanced, and maintained several spatial data layers to support transportation-related projects, including: functional classification of roads, traffic count locations, congestion management, parking facilities, signalization, pavement conditions, regional bicycle and pedestrian infrastructure, ADA transit service area, areas of regional growth, etc.
4. Updated the regional bicycling map, through analyses to roadway criteria employed in the Federal Highway Administration Bicycle Suitability Analysis rating system.
5. Promoted GIS technology and areawide systems coordination through participation in statewide GIS Advisory Committee, Western Massachusetts GIS User group, and direct assistance to Pioneer Valley communities.

PROPOSED ACTIVITIES:

1. Continue to develop and implement management strategies, which address staff training, establish agency data standards and data collection protocol, and conformance to map design that can be applied to all GIS products.
2. Pursue the use of GIS and other automated mapping and spatial analytical technologies for transportation applications. Enhance existing digital base map data and develop geographically referenced data layers for use in transit service analysis, regional land use & smart growth planning activities, emergency response, critical infrastructure assessment, public works and pavement management, and transportation system planning.
3. Continue to assist in distribution of new statewide oblique imagery and GIS data sets. Support development of municipal applications to employ these data and promote expanded use of automated mapping technologies and spatial analytical tools.
4. Integrate information generated to support transit and transportation management systems into the GIS. Create maps and graphics to promote understanding of related issues.
5. Continue to create and update digital municipal spatial data on a phased basis using aerial photography, digital orthophoto quads, municipal sources, field survey, and liaison with officials.
6. Work with state and federal agencies to review, correct and enhance regional GIS map coverages and related data to meet state and federal standards and support development to Homeland Security and Pre-disaster mitigation spatial data for western Massachusetts.
7. Work with PVPC staff to assimilate state and federal data and data structure (i.e., road centerline/road inventory) into the Commission's database and analytic modeling programs.
8. Upgrade GIS system and provide enhancements to the PVPC office network and web capacity to improve access and use of GIS data/analysis and map products.
9. Strengthen role as regional GIS Service Center, designed to promote development of statewide GIS and related technologies; improve public access to digital data; provide technical support to municipalities interested in developing and employing GIS; and become a regional repository for the Massachusetts Data Library.
10. Promote the agency and its efforts to resolve regional issues through published materials, thematic maps, distribution of information over the worldwide web, and educational multi-media presentations.

PRODUCTS:

1. Development of new and enhanced digital data layers.
2. Update to municipal planimetric base maps as necessary.
3. Transportation systems facility and planning maps.
4. Expand, update and maintain the GIS website.
5. Design and publish series of maps and reports focusing on transportation planning issues, regional smart growth strategies, recently released socio-economic data, and PVPC conducted field surveys.
6. Development of regional spatial data to support federal and state initiatives (i.e., Massachusetts spatial data infrastructure, preparations to 2010 U.S. Census, homeland security and disaster planning).
7. Update centerline/road inventory and functionally classified roads.

Source	Budget	Est. Staff Effort
FHWA PL (80%)	\$38,080	21 weeks
MassDOT (20% match)	\$ 9,520	5 weeks
FTA S. 5303	\$ 8,750	5 weeks
PVTA S. 5307	\$15,000	8 weeks
TOTAL	\$71,350	39 weeks

Direct Labor	\$32,729
Indirect Costs	\$38,621

Task 2.4 Information Center

OBJECTIVE:

Serve as a resource to regional transportation, economic development, land use, and municipal planning workers and officials for regional data and information. To continuously maintain this resource and its associated electronic infrastructure as well as gather, develop, and analyze data about the Pioneer Valley region. A focus will be placed on analyzing and summarizing data from multiple sources to produce value-added information in support of transportation planning activities. The Information Center produces high quality written and graphic information and research products that are easily accessible and understandable to the public. New options are also explored to deliver data and information to a wide and diverse audience.

PREVIOUS WORK:

1. Developed population, household, and employment estimates and projections for use in the regional transportation model.
2. Developed a municipal indicators database for every city and town in the Pioneer Valley and updated through January 2010 data.
3. State of the Region/People – 2010 Update and redesign of database to improve access.
4. Study of employers in the region with a focus on small businesses and economic clusters.
5. Analyzed labor market surrounding proposed regional commuter rail project.
6. Expanded data available through PVPC's website.
7. Updated Facility Profiles for transportation and infrastructure facilities in the Pioneer Valley region.
8. Conducted detailed fiscal and ridership analyses in support of the Pioneer Valley Transit Authority (PVTA).
9. Assisted in the development of a regional economic development strategy that focuses on a building a green regional economy and incorporating a more integrated and expanded regional transportation system.

PROPOSED ACTIVITIES:

1. Analyze data relevant to contemporary transportation, economic development, land use, and municipal planning issues. Perform detailed analysis of the most recent American Community Survey (ACS) and Economic Census. This is an ongoing, annual task.
2. Disseminate information to decision-makers and other data users. The primary focus of this activity will be the ongoing dissemination of American Community Survey data, Economic Census data, Census population estimates, municipal finance data, current economic indicators, and labor market information that will assist in positive transportation planning and decision making. This is an ongoing, annual task.

3. Provide research and socio-economic services to municipalities and other external stakeholders as requested. This is an ongoing, annual task.
4. Track regional socio-economic and transportation related indicators, for incorporation into the annual update of the PVPC State of the Region data reported through the PVPC website.
5. Maintain and update the Information Center's information system that integrates demographic, economic, and municipal data.
6. Assist the Plan for Progress Trustees with transportation related initiatives to encourage regional economic development. This is an ongoing, annual task.
7. Continue to support efforts to update the regional transportation model with the latest population and employment data and estimates for future analysis years. This is an ongoing, annual task.
8. Update and analyze region wide data indicators on the State of the Pioneer Valley website to measure progress and needs of the region in the areas of transportation, economic development, and health. This is an ongoing, annual task.
9. Collect and analyze extensive demographic and socio-economic data for Regional Transportation Plan update.
10. Begin exploring potential data options and structure of future regional transportation indicators.

PRODUCTS:

1. Analytical and research reports on region's demographic and economic trends.
2. Maintain information systems of socio-economic and disparate data.
3. Update data on the Information Center website and research methods for making data more easily usable and accessible to decision makers and the public.
4. Update region wide data indicators on State of the Pioneer Valley website.

Source	Budget	Est. Staff Effort
FHWA PL (80%)	\$38,400	19 weeks
MassDOT (20% match)	\$ 9,600	4 weeks
FTA S. 5303	\$ 1,250	1 week
TOTAL	\$49,250	24 weeks

Direct Labor	\$22,592
Indirect Costs	\$26,658

Task 2.5 Regional Congestion Management Process - Data Collection

OBJECTIVE:

PVPC staff will continue to collect data for all modes of transportation in the Pioneer Valley Region. This data will include the collection of year 3 of the 4 year travel time data collection cycle developed during the 2010 update to the CMP report, as well as the collection of bicycle, pedestrian, and transit data. The data will be used to support the various CMP performance measures in future updates of the Pioneer Valley CMP report. PVPC staff will collect and manage the data in order to identify areas of congestion and monitor the effectiveness of the region's operational management strategies.

PREVIOUS WORK:

1. Development of the PVPC CMP database.
2. Travel time data runs to identify and verify congested areas.

3. Travel time data runs to document the effectiveness of recently completed transportation improvement projects.
4. Travel time data runs to develop travel time contours for the region.
5. Regional Park and Ride Lot data collection.
6. Analysis of PVTa user surveys to identify the number of daily riders per CMP corridor.
7. Analysis of number of crashes per mile for each CMP corridor.
8. Analysis of deficient bridges per CMP corridor.

PROPOSED ACTIVITIES:

1. Collect data for CMP problem verification, studies, regional model calibration, and transportation monitoring.
2. Collect transit travel time, delay, percentage of riders making transfers, and other appropriate performance measure data to assist in the identification of congested corridors.
3. Collect data at existing park and ride facilities in the region.
4. Update Regional Travel Time Contours.
5. Increase regional data sharing in order to increase the amount of data for use in updating the CMP report.

PRODUCTS:

1. Updated Pioneer Valley CMP Database.
2. Update to the annual CMP Summary Report.
3. Update to CMP Assessment Map.

Source	Budget	Est. Staff Effort
FHWA PL (80%)	\$11,000	6 weeks
MassDOT (20% match)	\$ 2,750	2 weeks
TOTAL	\$13,750	8 weeks

Direct Labor	\$6,307
Indirect Costs	\$7,443

Task 2.6 Regional Pavement Management System - Data Collection

OBJECTIVE:

To continue data collection for the Pioneer Valley Pavement Management System (PMS) on all federal aid roadways. This is an ongoing task.

PREVIOUS WORK:

1. Development of PVPC regional PMS database.
2. Collection of roadway condition information for all federal aid eligible roadways in the PVPC region.
3. Collection of roadway condition information to assist in the evaluation of proposed transportation improvement projects.

PROPOSED ACTIVITIES:

1. Collect roadway pavement condition information including but not limited to ride, distress, rutting, and conditions that adversely impact surface friction such as asphalt bleeding and polished aggregate.
2. Collect additional roadway information such as posted speed, shoulder width, functional class, average daily volume, drainage conditions, curb reveal, area zoning, and special route designations.
3. Collect roadway condition information for proposed transportation improvement projects in the region to assist in the regional project evaluation process as well as the update to the RTP.
4. Work with the Regional Planning Agencies and MassDOT to ensure conformity with the FHWA's request to undertake a study to

- establish the cost of maintaining the region's federal-aid roadway system.
5. Work to rejuvenate the Pavement Management Users Group (PMUG).
 6. Continue to Work towards collecting existing sidewalk surface condition information for selected/interested communities in the region.
 7. Continue to maintain the MassDOT Roadway Inventory database for the Pioneer Valley Region.
 8. Work with MassDOT to try to update the region's Roadway Inventory database with the aid of the unique roadway segment identifier developed by MassDOT.
 9. Conduct quality control checks of inventory data and condition data.
 10. Submit findings to MassDOT on a regular basis as requested.

PRODUCTS:

1. Pioneer Valley regional PMS Database.
2. Region existing Overall Condition Index Maps.
3. Community existing Overall Condition Index Maps.

Source	Budget	Est. Staff Effort
FHWA PL (80%)	\$25,000	13 weeks
MassDOT (20% match)	\$ 6,250	4 weeks
TOTAL	\$31,250	17 weeks

Direct Labor	\$14,335
Indirect Costs	\$16,915

WORK ELEMENT 3 - REGIONAL TRANSPORTATION PLANNING

This work element provides transportation planning that directly supports the development of projects included in the Regional Transportation Plan (RTP) or the development of RTPs.

Task 3.1 Regional Transportation Plan Update

OBJECTIVE:

Perform an update of the current 2007 Regional Transportation Plan for the Pioneer Valley Metropolitan Planning Organization (RTP) that strives to create and maintain a safe, dependable and environmentally sound transportation system. Work with federal, state and local officials to incorporate appropriate Needs, Strategies and Projects for the Pioneer Valley region while addressing the requirements of anticipated new federal transportation legislation.

PREVIOUS WORK:

1. Regional Transportation Plans for the Pioneer Valley MPO – 1993, 1997, 2000, 2003, 2007.
2. 2011 RTP Public Participation/Focus Groups

PROPOSED ACTIVITIES:

1. Update the status of current short and long range transportation recommendations included as part of the 2007 RTP. **Complete**
2. Organize a series of outreach efforts such as online surveys and regional focus groups to identify appropriate Needs, Strategies and Projects to be considered for inclusion in the RTP Update. **Complete**
3. Develop a public participation schedule to present the RTP to the Pioneer Valley Region.
4. Incorporate appropriate regionally significant transportation recommendations from recently completed studies.
5. Update sections of the RTP as appropriate to reflect new requirements resulting from the anticipated new federal transportation legislation.
6. Work with the Office of Transportation Planning to incorporate all non-exempt transportation alternatives into the statewide model.
7. Begin development of the Draft for review by MassDOT.

PRODUCTS:

1. Draft RTP for JTC and MPO review – December, 2010.
2. Public Participation – January/February, 2011.
3. Final Draft RTP transmitted to MPO – February, 2011

Source	Budget	Est. Staff Effort
FHWA PL (80%)	\$ 77,467	43 weeks
MassDOT (20% match)	\$ 19,367	11 weeks
FTA S. 5303	\$ 18,750	10 weeks
TOTAL	\$115,584	64 weeks

Direct Labor	\$53,020
Indirect Costs	\$62,564

Task 3.2 Transit System Surveys and Route Implementation

OBJECTIVE:

Conduct surveys of transit customers who use PVRTA fixed route and paratransit services to support PVRTA service planning. Support and coordinate PVRTA surveys of non-riders. These surveys and accompanying analysis provide PVRTA with information about the demographic and market characteristics of existing and potential transit customers. These surveys also provide PVRTA with essential information about customer satisfaction, evolving user and market needs, and service concerns. These surveys and analysis are needed to help optimize existing transit services, develop new services and meet federal compliance requirements.

PREVIOUS WORK:

1. PVRTA Northern Region Onboard Rider Survey (22 routes), December 2009.
2. PVRTA onboard Mystery Rider surveys, ongoing quarterly.
3. PVRTA paratransit onboard observations, ongoing quarterly.
4. PVRTA on-time performance monitoring, ongoing quarterly.
5. PVRTA passenger counts April-May 2010.
6. PVRTA Southern Region Onboard Rider Survey (22 routes), December 2008.
7. Springfield Main Street Bus Stop and Parking Study, December 2008.
8. Chicopee Downtown Transit and Bus Stop Study, November 2008.

PROPOSED ACTIVITIES:

1. Conduct PVRTA customer and route surveys as efficiently as possible. Continue to develop and implement improved survey and reporting methods.
2. Continue to work directly with PVRTA and its operating companies to gather useful and relevant customer information for transit service planning.
3. Provide support for survey of non-riders in the region.
4. Conduct Mystery Rider and paratransit onboard quarterly surveys.
5. Develop and conduct other surveys to support service planning as requested.

PRODUCTS:

1. Reports for Mystery Rider, paratransit and other service monitoring.
2. Technical memoranda, documents and reports as requested.
3. Other survey results, analysis and recommendations as requested.

Source	Budget	Est. Staff Effort
FTA S. 5303	\$ 62,500	35 weeks
PVRTA S. 5307	\$ 81,250	45 weeks
TOTAL	\$143,750	80 weeks

Direct Labor	\$65,940
Indirect Costs	\$77,810

Task 3.3 *Easthampton Route 10 Build Out Analysis*

OBJECTIVE:

Expand on the work performed as part of the Route 10 Corridor Study – Existing Conditions Analysis conducted as part of the FY 2008 UPWP. Work with the City of Easthampton to assess the anticipated transportation impacts of future growth along the Route 10 corridor. Develop a wide-range of multi-modal conceptual solutions that could be implemented by the City of Easthampton, MassDOT, and/or the PVTA. This is a continuation of the same task from the FFY2010 UPWP.

PREVIOUS WORK:

1. Westfield CBD Traffic Circulation Study
2. Outer Belt Transportation Study
3. Easthampton Route 10 Corridor Study – Existing Conditions

PROPOSED ACTIVITIES:

1. Work with the City of Easthampton to develop a public participation process for the Build Out Analysis.
2. Develop a series of build-outs for the Route 10 corridor. **Complete**
3. Identify potential scenarios to study the effects of traffic flow changes along the corridor.
4. Use the regional transportation model to analyze the impact of the proposed Route 10 bridge reconstruction project on existing traffic flow. **Complete**
5. Develop recommendations to address future congestion and safety concerns.

PRODUCTS:

1. Draft Report
2. Final Report

Source	Budget	Est. Staff Effort
FHWA PL (80%)	\$25,000	14 weeks
MassDOT (20% match)	\$ 6,250	4 weeks
TOTAL*	\$31,250	18 weeks

Direct Labor	\$14,335
Indirect Costs	\$16,915

Task 3.4 *Regional Freight Planning*

OBJECTIVE:

Work with appropriate public and private partners including CSX, Pan Am and Pioneer Valley Railroad to develop an effective, analytic, and institutional approach to freight planning. Freight modes covered under this task include rail, air (when applicable), water (when applicable) and pipelines.

PREVIOUS WORK

1. Merrick Memorial Neighborhood Study Freight Analysis.
2. Ware E.O. 418 Transportation Component – Rail Freight Analysis
3. Palmer Redevelopment Authority Track Capacity Improvements.

PROPOSED ACTIVITIES:

1. Assist freight users and suppliers in seeking public sector support for projects that promote regional economic development. Ongoing task.

2. Work with MassDOT and Pan Am officials to assure that passenger rail service on the Conn River line will not adversely impact freight rail traffic.
3. Continue working with MassDOT, West Springfield officials and CSX representatives on the development of a new truck access road to the CSX yard in West Springfield.
4. Participate in FHWA "Talking Freight" web conferences. As needed.
5. Technical support to local communities to advance improvements to existing railway infrastructure.
6. Work with MassDOT to identify any adverse impacts to freight movement resulting from the proposed Inland Route for passenger rail service.
7. Continue to work with the Capital Region Council of Governments (CRCOG) to develop a regional conference on freight issues and the importance of freight in the Hartford-Springfield economy.

PRODUCTS:

1. Technical reports, memoranda, surveys, computerized databases, GIS and other map products, meetings, workshops, forums, grant applications, project proposals, etc. which are produced in conjunction with the execution of this work task.
2. Agreement with CSX on location of an access road to the CSX yard in West Springfield.

Source	Budget	Est. Staff Effort
FHWA PL (80%)	\$12,000	7 weeks
MassDOT (20% match)	\$ 3,000	2 weeks
TOTAL	\$15,000	9 weeks

Direct Labor	\$6,881
Indirect Costs	\$8,119

Task 3.5 Regional Congestion Management Process-Project Development

OBJECTIVE:

To initiate and advance the projects that promote congestion mitigation and safety along the top congested corridors identified in the Congestion Management Process (CMP) report. To update the CMP report and continue monitoring the transportation conditions along major corridors in the Pioneer Valley region for the purpose of identifying regional bottlenecks and developing further studies that address congested locations in the region.

PREVIOUS WORK:

1. Granby Master Plan Transportation Component
2. Northampton Street Signalization Study – Holyoke
3. Page Boulevard at Goodwin Street Congestion Study – Springfield
4. Downtown Signal Coordination Study – Ware
5. Ludlow Master Plan Transportation Component
6. CMP Report Update
7. Top 3 Regional Bottlenecks Report

PROPOSED ACTIVITIES:

1. Work with communities, the Pioneer Valley Transit Authority (PVTa), the MassDOT, and other appropriate agencies to utilize regional performance measures to identify and mitigate congested locations through appropriate measures.

2. Continue to compare performance measures before and after the completion of transportation improvements to gauge their effectiveness on decreasing congestion. Update the regional listing of congested locations as appropriate based upon changes in travel time data and other regional performance measures.
3. Serve as a member of the Connecticut River Crossing Study Advisory Committee to assist MassDOT in its efforts to reduce congestion and improve safety at Interstate 91 Interchange 19.
4. Update the annual Congestion Management Process report for the Pioneer Valley MPO.
5. Utilize data from the CMP process to update the Top 3 Bottlenecks in the Pioneer Valley. Advance congestion studies for these areas as appropriate.
6. Work with the City of Holyoke to initiate a study in the vicinity of the intersections of Dwight Street with Appleton Street and Pleasant Street. Both locations are identified as having severe congestion in the current CMP. Transportation staff will collect the necessary data to identify the causes of congestion in this area and develop recommendations to improve mobility in this area.
7. Seek further opportunities to encourage public participation in CMP activities.
8. Update the regional travel time contours for major roadways in the Pioneer Valley.
9. Continue to work with MassDOT and local communities to develop locations for new park and ride lots for the Pioneer Valley region.

PRODUCTS:

1. Holyoke Congestion Study Report.
2. Monthly status reports to MassDOT as part of the routine invoicing.
3. CMP Annual Report updates to MassDOT.
4. Top 3 Bottlenecks in the Pioneer Valley update.
5. Regional Travel Time Contour Update.

Source	Budget	Est. Staff Effort
FHWA PL (80%)	\$65,000	36 weeks
MassDOT (20% match)	\$16,250	10 weeks
FTA S. 5303	\$ 3,750	2 weeks
TOTAL	\$85,000	48 weeks

Direct Labor	\$38,991
Indirect Costs	\$46,009

Task 3.6 Regional Pavement Management System - Project Development

OBJECTIVE:

To maintain a regional Pavement Management System on all federal aid eligible roadways and prioritize regional pavement improvement projects. This is an ongoing task.

PREVIOUS WORK:

1. Regional PMS report for the Pioneer Valley Region.
2. PMS reports on federal aid eligible roadways for individual communities in the Pioneer Valley region.
3. Existing Pavement Condition work maps on federal aid eligible roadways for all PVPC communities.

PROPOSED ACTIVITIES:

1. Continue to assist interested RPAs and region's communities in a demonstration of CarteGraph as the adopted Pavement Management software for the region.
2. Analysis of the pavement distress data for region's federal-aid roadways including the calculation of Overall Condition Index ratings and benefit/cost ratio analyses.
3. Assist the neighboring Regional Planning Agencies in the development of a study to establish the cost of maintaining their region's federal-aid roadway system.
4. Analysis of sidewalk existing segment conditions in selected communities.
5. Assist in the prioritization of pavement projects included as part of the Pioneer Valley TIP.
6. Provide municipalities with condition and analysis information as available.

PRODUCTS:

1. Pavement condition work maps on each community's surveyed federal aid eligible roadways.
2. Sidewalk condition work maps.
3. Regional PMS activity report including the region's backlog of roadway repairs.

Source	Budget	Est. Staff Effort
FHWA PL (80%)	\$30,000	16 weeks
MassDOT (20% match)	\$ 7,500	4 weeks
TOTAL	\$37,500	20 weeks

Direct Labor	\$17,202
Indirect Costs	\$20,298

Task 3.7 Connecticut River Walk & Bikeway Coordination

OBJECTIVE:

The Connecticut River Walk and Bikeway is a regional pedestrian and bicycle network which will serve the communities of Agawam, Chicopee, Holyoke, Springfield and West Springfield. PVPC has assisted each of these communities to establish advisory committees to oversee planning, design, construction and management of this project. These groups include the Chicopee Bikeways Advisory Committee, the Holyoke Canalwalk Committee and the Agawam-West Springfield Bikeways Advisory Committee.

The objective of this ongoing task is to coordinate the completion of engineering and construction of all five remaining segments of the Connecticut Riverwalk network, and to provide planning services and technical assistance to each of the community bikeway advisory committees involved in the River. It is anticipated this work will continue over approximately the next three years.

PREVIOUS WORK:

1. Completed planning, oversaw engineering and design phases, and assisted in construction phase for the Connecticut River Walk segments in Springfield and Agawam, which have now been constructed and opened for public use. Construction for the Holyoke Canalwalk is underway.
2. Continued to coordinate design/engineering work for Chicopee Riverwalk, Connecticut Riverwalk in Chicopee, West Springfield Riverwalk and Agawam Bikeway Loop.

3. Established citizen advisory committees and coordinated meetings for each of the above projects.
4. Assisted Chicopee, West Springfield, Agawam and Holyoke in advancing design plans for Riverwalk projects.

PROPOSED ACTIVITIES:

1. Coordinate meetings of the Regional Connecticut Riverwalk Advisory Committee, and Agawam–West Springfield Bikeways Advisory Committee, as needed. Provide meeting notices, materials, and staff support. *(Schedule: ongoing)*.
2. Promote the completion of engineering and construction phases on the Riverwalk and Canalwalk segments, by providing intercommunity liaison services and technical assistance to communities in project planning, design and construction issues on an ongoing basis. *(Schedule: ongoing)*.
3. Work to promote a broad public support network for the River Walk, including bicyclists, landowners, businesses, residents. *(Schedule: ongoing)*
4. Assist communities in completing local Riverwalk and Canalwalk project requirements, including securing control of project right-of-way. *(Schedule: ongoing)*.
5. Assist communities in moving to the active management phase of the Connecticut River Walk and Bikeway as segments complete construction and are opened to public use. This includes developing plans for policing, long-term maintenance and increased parking. *(Schedule: ongoing)*.
6. Create a website, as part of the PVPC website, to promote public use of the Riverwalk by illustrating trail maps, parking locations and destinations on the Riverwalk. *(Schedule: ongoing)*.
7. Work with community officials to develop activities to promote public use of the completed Riverwalk facilities. *(Schedule: ongoing)*.
8. Work with communities to undertake initial planning activities to connect Riverwalk segments to key community destinations, such as downtowns, neighborhoods and parks.

PRODUCTS:

1. Bikeways Advisory Committee meetings and activities, as needed.
2. Technical assistance to communities.
3. Initial plans for Riverwalk community connections and linkages.

Source	Budget	Est. Staff Effort
FHWA PL (80%)	\$ 4,640	2 weeks
MassDOT (20% match)	<u>\$ 1,160</u>	<u>1 week</u>
TOTAL	\$5,800	3 weeks

Direct Labor	\$2,661
Indirect Costs	\$3,139
Direct Costs	\$ 200

Task 3.8 Regional Safety and Planning Studies

OBJECTIVE:

Assist MassDOT in the implementation of the Massachusetts Strategic Highway Safety Plan (MSHSP) to provide the safest roadway system in the country and promote its safe use. Utilize the strategies of the MSHSP

to identify, perform, and advance planning studies for the purpose of establishing a safe and efficient roadway network within the Pioneer Valley Region.

PREVIOUS WORK:

1. Dwight Street at Worthington Street Intersection Study – Springfield.
2. Resnic Boulevard at Maple Street Intersection Study – Holyoke
3. Granby Road at McKinstry Avenue and Montgomery Street Intersection Study – Chicopee
4. North Main Street at Wilbraham Street and Shearer Street Intersection Study - Palmer
5. East Street at Winsor Street and Hampden Street - Ludlow
6. Main Street at Jackson Street Safety Study – Holyoke
7. Top 100 High Crash Intersections Report

PROPOSED ACTIVITIES:

1. Perform a transportation safety study at the intersection of Cottage Street with Robbins Road in the City of Springfield. PVPC staff will perform an assessment of existing field conditions, review historical crash data, and analyze existing traffic operations. A series of improvement recommendations will be developed in consultation with local officials to improve safety
2. Study existing traffic operations and safety at the intersection of Locust Street (Route 9) with Hatfield Street in the City of Northampton. PVPC staff will assess existing field conditions and examine traffic flow at both the intersection and adjacent driveway for the Department of Public Works and Transfer Station. A review will also be made of the potential impact of redirecting Transfer Station traffic to a new driveway. A series of recommendations will be developed to improve safety and reduce congestion in the vicinity of the intersection.
3. Review transportation conditions at the intersection of Route 9 with Federal Street in the Town of Belchertown. Review the existing geometry of the intersection and perform data collection to identify the causes of existing congestion and safety problems in the area. Work with the Belchertown Planning Board to identify the transportation impacts of a change from residential to commercial zoning in the vicinity of the intersection.
4. Assist MassDOT and member communities in utilizing the guidelines from the Transportation Planner's Safety Desk Reference and MassDOT's Safety Toolbox to improve transportation and safety conditions in the region.
5. Review and update as appropriate the most recent crash data available from MassDOT for the PVPC region.
6. Review historic crash data for a series of intersections in the City of Springfield to determine their potential eligibility for future Highway Safety Improvement Program (HSIP) funding.
 - a) Allen Street at the Bicentennial Highway
 - b) Sumner Avenue at Allen Street, Abbott Street, and Harkness Avenue
 - c) Plumtree Road
 - d) Spring Street at Elliot Street and Edward Street
 - e) Main Street at Front Street
 - f) Roosevelt Avenue at Island Pond Road
 - g) Roosevelt Avenue at Alden Street
7. Participate as part of the Strategic Highway Safety Plan Steering Committee. Ongoing task.

8. Perform safety, traffic calming and truck exclusion route studies as requested by member communities. As necessary.

PRODUCTS:

1. Intersection Safety Study Reports.

Source	Budget	Est. Staff Effort
FHWA PL (80%)	\$60,000	33 weeks
MassDOT (20% match)	\$15,000	8 weeks
FTA S. 5303	\$ 6,250	3 weeks
TOTAL	\$81,250	44weeks

Direct Labor	\$37,271
Indirect Costs	\$43,979

Task 3.9 Intelligent Transportation Systems (ITS) - Strategic Planning

OBJECTIVE:

To promote and advance the implementation of the Western Massachusetts Regional ITS Architecture.

PREVIOUS WORK

1. ITS Strategic Deployment Plan for Metropolitan Springfield and Pioneer Valley Region.
2. Western Massachusetts ITS Architecture Steering Committee.
3. I-91 Corridor ITS Steering Committee.
4. PVTA ITS System Architecture and Deployment Plan.
5. PVTA Integrated Transit Management System Functional Specifications.
6. RTIC Steering Committee.

PROPOSED ACTIVITIES:

1. Work with communities to incorporate the FHWA ITS National Architecture into future improvement projects. Ongoing task.
2. Serve as a member of the Steering Committee for the Regional Traffic Information Center (RTIC). Work with RTIC to expand their number of camera locations and promote the use of ITS technology at the local level.
3. Certify TIP project compliance with the Western Massachusetts Regional Architecture. Ongoing task as needed.
4. Assist the PVTA in implementation of their ITS Deployment Plan, data collection and management for ITS related products, and in the preparation of FTAs ITS System Engineering Review Form for all federally funded projects.
5. Assist MassDOT and PVTA in the update of the Western Massachusetts ITS Regional Architecture. As necessary

PRODUCTS:

1. Recommendations and comments as necessary as part of Committee activities.
2. Technical Memoranda and reports as appropriate.

Source	Budget	Est. Staff Effort
FHWA PL (80%)	\$18,000	10 weeks
MassDOT (20% match)	\$ 4,500	2 weeks
TOTAL	\$22,500	12 weeks

Direct Labor	\$10,321
Indirect Costs	\$12,179

Task 3.10 Climate Change Implementation

OBJECTIVE:

To respond to the urgencies of climate change by reducing greenhouse gas emissions from transportation via a variety of means and also assist Pioneer Valley communities to plan for the reality of climate change.

PREVIOUS WORK:

1. This task will build on previous work done in PVPC's development of the Regional Transportation Plan, Valley Vision 2 - the Regional Land Use Plan, and the Clean Energy Plan.

PROPOSED ACTIVITIES:

1. Continue development of a Climate Change Toolkit for Municipalities, which includes information and model bylaws for specific local and regional actions to reduce GHG emissions. The toolkit will help to implement ICLEI Agreements, the state's Climate Change Action Plan, the Mayor's Conference Climate Change Protection Agreement, and the Regional Greenhouse Gas Initiative (RGGI).
2. Post the Climate Change Toolkit on PVPC's website with the Valley Vision Smart Growth Toolkit.
3. Provide technical assistance to communities to implement elements of the Climate Change Toolkit.
4. Development of a Sustainability Chapter of the RTP that includes the results from a Climate Change/Livability Focus Group in August/September 2010 and strategies from Valley Vision 2 and the Clean Energy Plan

PRODUCTS:

1. Identification of local and regional GHG reduction strategies applicable to the Pioneer Valley region, leading to a Climate Change Toolkit for Municipalities.
2. Addition of Climate Change Toolkit to PVPC website.
3. Adoption of Climate Change Toolkit strategies in selected communities.
4. Summary of Climate Change/Livability Focus Group.
5. Sustainability Chapter in the RTP.

Source	Budget	Est. Staff Effort
FHWA PL (80%)	\$13,760	7 weeks
MassDOT (20% match)	\$ 3,440	2 weeks
TOTAL	\$17,200	9 weeks

Direct Labor	\$ 7,890
Indirect Costs	\$ 9,310
Direct Costs	\$ 300

WORK ELEMENT 4 - ONGOING TRANSPORTATION PLANNING

This element outlines specific activities to be conducted in support of Transportation Planning tasks described in other UPWP elements.

Task 4.1 Regional Transit Planning

OBJECTIVE:

To provide comprehensive planning services to the Pioneer Valley Transit Authority (PVRTA) and its member municipalities for fixed route transit services and facilities. This includes planning studies and technical assistance with organizational, management and regulatory compliance activities; support for transit market and operational analyses for fixed route services; and public and agency involvement. This task also includes the ongoing identification and updating of unmet transit needs consistent with SAFETEA-LU, as well as technical support to MPO member communities not directly served by PVRTA. Services provided under this task will integrate transit with the region's broader transportation, land use, development and sustainable planning goals and activities.

PREVIOUS WORK:

1. General planning assistance and support for various PVRTA fixed route services and facilities planning as requested.
2. Production and coordination of PVRTA schedules, updates and related signage.
3. Production of annual PVRTA System Field Guide.
4. Production and updates to PVRTA System Map and related graphic products.
5. PVRTA systemwide bus stop GPS and facility condition inventory.
6. Support of PVRTA's ITS system planning and implementation.
7. Assistance with PVRTA fare media study.
8. Coordination of four PVRTA Bus Rider Forums.
9. Outreach support for installation of bike racks on buses on PVRTA southern routes.
10. Video production for emergency response training and public outreach/education.
11. Intermodal facilities planning assistance.
12. Attendance, coordination and participation in public and agency involvement meetings and activities for transportation planning.
13. Southampton transit service evaluation.
14. Incorporation of transit performance measures in Congestion Management Process (CMP) analysis and activities.
15. Coordinated Public Transit Human Services Transportation Plan, February 2008.

PROPOSED ACTIVITIES:

1. Ongoing transit planning services for PVRTA fixed routes and facilities, including operations and cost evaluations; support for regulatory compliance with environmental, Title VI and other requirements; project development; service quality monitoring and evaluation; and other tasks as requested.
2. Review and analysis of demographic, environmental, land use and community development issues related to transit services and facilities planning.
3. Integration of intermodal transportation opportunities in transit planning.

4. Review and analysis of potential transit service changes and improvements as requested by the PVTA, its member municipalities, and/or by MPO member municipalities not served by PVTA.
5. Support of PVTA study and analysis of operations, transit markets, non-riders, stakeholder concerns and other issues as identified.
6. Coordination of, and participation in, public involvement activities for transit planning, including public meetings, agency coordination and public outreach.
7. Produce an outreach program and implementation strategy to encourage greater use of PVTA services by people with Limited English Proficiency (LEP).
8. Coordination with UMass Amherst Regional Transportation Information Center (RTIC) and other agencies for analysis of PVTA ITS data.
9. Ongoing development and use of graphic information systems (GIS), global positioning systems (GPS), and other electronic data systems to support PVTA route and facilities planning, scheduling and customer information.
10. Revisions and updates to PVTA fixed route schedules, maps and associated graphics products on an ongoing basis.
11. Coordination of transit planning activities of the region with those of PVTA, MassDOT, Franklin Regional Transit Authority, Connecticut Department of Transportation, Capital Regional Council of Governments and other stakeholders to enhance inter-regional transit services.
12. Update the Coordinated Public Transit Human Services Transportation Plan for FY2011.

PRODUCTS:

1. Studies, reports, presentations and technical memoranda.
2. Printed schedules layouts and electronic files for PVTA fixed routes.
3. Placards, maps and other printed and electronic graphic products for PVTA customers (updated as necessary).
4. Digital data and web-based information services to support PVTA schedule production and updates, map updates and general public involvement.
5. Field observations and technical assistance to support the evaluation and development existing and new transit services and facilities.
6. Coordinated Public Transit Human Service Transportation Plan for FY2011.

Source	Budget	Est. Staff Effort
FTA S. 5303	\$100,609	55 weeks
PVTA S. 5307	\$ 97,500	54 weeks
TOTAL	\$198,109	109 weeks

Direct Labor	\$ 90,876
Indirect Costs	\$107,233

Task 4.2 Paratransit Planning Assistance

OBJECTIVE:

To fulfill the planning and programming requirements of USDOT Section 504 regulations and other planning requirements under the Americans with Disabilities Act. This task includes planning for the delivery of on-demand paratransit services for senior citizens and disabled residents of the region by providing direct technical assistance to the PVTA, as well as communities, human service agencies, private sector entities and

other parties involved in meeting these special transportation needs in the MPO region.

PREVIOUS WORK:

1. Annual coordination and technical assistance to organizations seeking capital grants under FTA Section 5311 and the State Mobility Assistance Program.
2. Production of a printed directory and searchable electronic database and web-based mapping tool to assist PVTa in determining eligibility for paratransit customer service.
3. Coordination and facilitation of ongoing quarterly PVTa paratransit riders meetings in northern and southern service areas.
4. Southwick Paratransit Study, October 2008.
5. FY 2008 Paratransit Survey, August 2008

PROPOSED ACTIVITIES:

1. Continue assisting PVTa with planning for actions to comply with regulations of the Americans with Disabilities Act (ADA), including ongoing public participation and operational analysis.
2. Provide assistance and support to PVTa in the implementation of paratransit scheduling and information software systems.
3. Provide technical and administrative support to the MPO's Joint Transportation Committee (JTC) on mobility issues and concerns of the region's elderly and disabled residents.
4. Provide guidance to applicants for Section 5311 and State Mobility Assistance Program awards concerning program requirements and service coordination options.
5. Perform paratransit surveys and studies that may be requested by MPO member municipalities.

PRODUCTS:

1. Technical memoranda, reports and presentations for PVTa, JTC and MPO member municipalities as needed.
2. Technical assistance to applicants for FTA Section 16(b)(2) and State Mobility Assistance Awards.
3. Digital data requested for paratransit scheduling and information software systems.

Source	Budget	Est. Staff Effort
FTA S. 5303	\$ 6,250	3 weeks
PVTa S. 5307	\$ 6,250	3 weeks
TOTAL	\$12,500	6 weeks

Direct Labor	\$ 5,734
Indirect Costs	\$ 6,766

Task 4.3 Implementing the Regional Land Use Plan

OBJECTIVE:

The objective of this task is to work with local communities to implement the new "Valley Vision 2, the Regional Land Use Plan for the Pioneer Valley" region. Valley Vision promotes compact, efficient urban growth centered around existing urban and town centers, served by existing transportation and other public infrastructure and services; discourages urban sprawl, inefficient land use, and development in environmentally sensitive areas; helps the region meet air quality goals by reducing auto trips and promoting use of transportation alternatives, such as transit, walking, biking and car-pooling.

PREVIOUS WORK:

1. Completed Valley Vision 2, the new Regional Land Use Plan for the Pioneer Valley.
2. Completed the Valley Vision Toolbox of strategies for smart growth.
3. Created the Valley Development Council to oversee the development of Valley Vision and to help implement its recommendations.
4. Technical assistance to implement smart growth strategies in Hadley, Easthampton, Westfield, Palmer, Chesterfield, Amherst, and other communities.

PROPOSED ACTIVITIES:

1. Continue to provide staff support to the Valley Development Council, which provides input from community officials and the development community in implementing Valley Vision 2. Coordinate ongoing VDC activities, including:
 - a) Establish a speaker's bureau to educate local planning/other municipal boards regarding smart growth/sustainability concepts and projects;
 - b) Initiate work on a Regional Housing Plan with a focus on identifying strategies for transit-oriented and community center mixed use housing development;
 - c) Coordinate a public viewing of the Design Ideas Competition.
2. Create enhanced public education materials to increase public awareness of smart growth issues and what individuals and communities can do to promote smart growth. Continue development and distribution of PVPC's "Green Tips" to regional newspapers and media outlets.
3. Complete update of the "Valley Vision Toolbox" of smart growth strategies, including adding new cutting edge smart growth and climate change action tools, and updating community checklists of smart growth tools adopted and needed. Post new toolbox on PVPC website.
4. Provide continued, targeted technical assistance to communities across the Pioneer Valley on an as-needed basis to implement pilot projects for Valley Vision strategies in the following key areas: commercial development standards; traditional neighborhood developments; mixed use village centers; cluster or creative development bylaws; transfer of development rights bylaws; inclusionary housing bylaws; local strategies to address global climate change and reduce greenhouse gas emissions. These strategies may include new local zoning bylaws and land use regulations, and policies on infrastructure improvements/extensions.
5. Initiate work on Valley Vision 3 Regional Land Use Plan. Valley Vision 3 will update the existing regional land use plan for the Pioneer Valley to include components that make it consistent with the Commonwealth's proposed zoning reform legislation. Work in this year will focus on identifying and mapping of Priority Development Areas and Priority Protection Areas.
6. Identify existing strategies and recommendations from Valley Vision 2 and the Clean Energy Plan that should be included in the RTP Update.

PRODUCTS:

1. Coordination of quarterly meetings of the Valley Development Council and related products.
2. Continued development and distribution of public outreach tools and PVPC's Green Tips.
3. Updated Valley Vision Toolbox, posted on PVPC website.
4. Summary of assistance provided to communities to implement strategies from Valley Vision.
5. Initial mapping components for Valley Vision 3.
6. RTP section on Valley Vision and Clean Energy strategies.

Source	Budget	Est. Staff Effort
FHWA PL (80%)	\$25,000	14 weeks
MassDOT (20% match)	\$ 6,250	3 weeks
TOTAL	\$31,250	17 weeks

Direct Labor	\$14,335
Indirect Costs	\$16,915
Direct Costs	\$ 750

Task 4.4 Regional Bicycle and Pedestrian Planning

OBJECTIVE:

To implement the goals and objectives of the PVPC Regional Bicycle and Pedestrian Plan and Regional Transportation Plan. To assure a sustainable transportation system for the residents of the Pioneer Valley through by assuring the bicycle and pedestrian modes of transportation are provided full consideration in the planning of new projects and programs. To educate and support the 43 cities and towns in the Pioneer Valley in their efforts to adopt and implement a "Complete Streets" approach to the development of neighborhoods, village centers and safe city streets that are safer, more livable, and welcoming to everyone.

PREVIOUS WORK:

1. Manhan Rail Trail Survey
2. Installation of bike racks in Holyoke, and Springfield.
3. Planning, purchase and installation of Share the Road signs throughout the region.
4. Installation of bikeway directions signs for the Norwottuck Rail Trail and the Springfield Riverwalk.
5. Development of the "Springfield Built Environment Complete Streets Task Force"
6. Expansion of the regional bikes on bus program.
7. Pioneer Valley Bike Commute Week – 1996 – 2010.
8. Revised and update the Pioneer Valley bike map.
9. Bike-ped subcommittee to the Joint Transportation Committee.
10. Facilitated Safe Route to School initiatives in Northampton.
11. Update to the regional Bike/Ped plan.
12. Inventory of tree root damage to the Norwottuck Rail Trail and Manhan Rail Trail.

PROPOSED ACTIVITIES:

1. Facilitate local efforts to implement Complete Streets initiatives in member communities.
2. Identify sustainable transportation strategies and planning goals from the Bicycle and Pedestrian Plan and the Regional Transportation Plan.
3. Norwottuck Rail Trail resurfacing/reconstruction project coordination. PVPC staff will work with the Massachusetts Department of Conservation and Recreation, The Norwottuck Rail Trail Advisory

- Committee and the MassBike Pioneer Valley Chapter to coordinate efforts to facilitate the improvements to the Norwottuck Rail Trail.
- Update as needed the bicycle and pedestrian sections to the Regional Transportation Plan.
 - PVPC will actively participate in the Massachusetts Statewide Bicycle Advisory Board and Statewide Bicycle and Pedestrian Conference.
 - Provide technical assistance to area communities to develop and/or implement programs to improve conditions for pedestrians and bicyclists.
 - Continue efforts to incorporate the goals of the 2010 Active Transportation Network into ongoing planning efforts for Hampshire, Hampden and Franklin County.
 - PVPC staff will review highway projects that significantly impact bicycle and pedestrian modes of travel.
 - Continue support for the activities of the Joint Transportation Committee's Bicycle and Pedestrian subcommittee.
 - Provide updates and revisions where needed to the web based Pioneer Valley Regional Bicycle and Pedestrian plan.

PRODUCTS:

- Inventory of "Safe Routes to School" programs and participation in the Pioneer Valley.
- JTC Bicycle Advisory Committee meeting minutes and notices.
- Participation and hosting of webinars on Complete Streets and changes to the MUTCD as they relate to bicycling and walking.
- Norwottuck Rail Trail Advisory Committee meetings.
- Status reports on Regional Bicycle and Pedestrian Plan efforts.
- Web based revisions to facility inventory and updated to the Pioneer Valley regional bike/ped plan.

Source	Budget	Est. Staff Effort
FHWA PL (80%)	\$38,100	22 weeks
MassDOT (20% match)	<u>\$ 9,525</u>	<u>5 weeks</u>
TOTAL	\$47,625	27 weeks

Direct Labor	\$21,846
Indirect Costs	\$25,779
Direct Costs	\$ 750

Task 4.5 Local Technical Assistance

OBJECTIVE:

To provide technical resources and support for member communities and organizations by responding to specific requests in a timely and cost effective manner. To review transportation related impact reports, traffic studies, and environmental notification forms. Assist with state and regional pedestrian, car-sharing, and other alternative transportation initiatives to reduce vehicle miles traveled and improve air quality in the region. To educate planners, public works professionals and business leaders in sustainable development. This is an ongoing task.

PREVIOUS WORK:

- Zanetti School Study – Springfield.
- Data collection activities at the request of local communities.
- Reviews of all MEPA documents filed in the Pioneer Valley Region.
- Model sidewalk ordinances.
- West Springfield Traffic and Safety Committee.
- Montgomery Truck Exclusion counts and analysis.

PROPOSED ACTIVITIES:

1. Provide Local Technical Assistance (LTA) to communities on an as requested basis. Each community will be limited to three requests per year. Typical activities may include data collection, operational analysis, small signal coordination studies, and safety studies.
2. Review and comment on all Environmental Notification Forms and Environmental Impact Reports as part of the MEPA process. Attend project scoping sessions for significant projects in the region as part of the MEPA process. Review all documents prepared under federal environmental laws and regulations.
3. Application of the latest versions of transportation software programs to perform analysis and test recommendations.
4. Present findings to communities through documentation and oral presentation as required.
5. Assist communities in implementing past corridor study recommendations.
6. Work with PVTa and member communities to assure understanding of transit options in the region.

PRODUCTS:

1. Reports documenting the findings and recommendations of all LTAs.
2. Recommendations and comments as appropriate for the review of MEPA documents.

Source	Budget	Est. Staff Effort
FHWA PL (80%)	\$23,640	13 weeks
MassDOT (20% match)	\$ 5,910	3 weeks
TOTAL	\$29,550	16 weeks

Direct Labor	\$13,555
Indirect Costs	\$15,995
Direct Costs	\$ 200

Task 4.6 Local Pavement Management Program

OBJECTIVE:

To provide pavement management services to member communities on a contract basis.

PREVIOUS WORK:

1. Local Pavement Management Study for Wilbraham.
2. Local Pavement Management Update Study for the City of Agawam.
3. Local Pavement Management Study for Longmeadow.

PROPOSED ACTIVITIES:

1. Complete the local pavement management study for the Town of West Springfield.
2. Follow up with the Town of Wilbraham on the update of the town's Pavement Management program.
3. Identify additional rural, suburban, and urban communities interested in conducting pavement management programs.
4. Meet with elected officials, highway superintendents, and/or public works directors from the selected communities to explain the program and to coordinate activities.
5. Conduct training sessions for interested local highway department personnel on the pavement management process and educate them in identification of pavement distresses and data recording techniques as well as the newly adopted pavement management software.
6. Provide follow-up technical assistance to other communities with pavement management programs already in place.

7. Collect GPS coordinate information for new roadways to assist in Mapping.

PRODUCTS:

1. Pavement Management Program report for the Town of West Springfield.
2. Updates for existing municipal pavement management plans, as requested.

Source	Budget	Est. Staff Effort
Local Funds	\$6,000	3 weeks
TOTAL	\$6,000	3 weeks

Direct Labor	\$2,752
Indirect Costs	\$3,248

Task 4.7 Connecticut River Scenic Farm Byway Project

OBJECTIVE:

The Connecticut River Scenic Farm Byway was recently designated as the first National Scenic Byway in Massachusetts. The scenic byway runs along the Connecticut River on Routes 47 and 63 in South Hadley, Hadley, Sunderland, Montague, and Northfield. PVPC and FRCOG have assisted these communities in completing a Byway Plan, which identifies projects and strategies. The objective of this task is to work with the Byway Area Committee to prioritize projects for the byway, and to provide planning services and technical assistance to each of the communities involved the Scenic Byway.

PREVIOUS WORK

1. Completed, with FRCOG, a comprehensive scenic byway plan for the Connecticut River Scenic Farm Byway on Routes 47 and 63 in South Hadley, Hadley, Sunderland, Montague, and Northfield.
2. Re-established the Scenic Byway Area Committee in Hampshire County, with representatives from Hadley and South Hadley.
3. Developed priority projects for Scenic Byway funding and prepared applications for funding.
4. Secured funding for purchase of scenic easements along the corridor.

PROPOSED ACTIVITIES:

1. Coordinate meetings of the Byway Area Committee for the Connecticut River Scenic Farm Byway. Provide meeting notices, materials, and staff support.
2. Work with Byway Area Committee and community representatives to continue to develop and prioritize scenic byway implementation projects, such as land protection, acquisition of scenic easements, signage, scenic overlooks, and similar projects.
3. Provide technical assistance to communities in byway project development, including identification of funding sources.
4. Prioritize lands for protection along the Connecticut River Scenic Byway.
5. Work to implement an intergovernmental compact for land protection along the Connecticut River Scenic Byway, between and among Hadley, South Hadley, MassDOT, DCR, DOA, Kestrel Trust and The Trustees of Reservations.

6. Work with project partners and property owners to identify willing sellers of priority properties for protection, and to advance land protection efforts.
7. Implement National Scenic Byway designation for the Connecticut River Byway.

PRODUCTS:

1. Byway Area Committee meetings and activities, as needed;
2. Implement National Scenic Byway designation.
3. Prioritized listing of proposed scenic byway land parcels for protection;
4. Technical assistance to communities in securing scenic byway implementation funding.
5. Implemented intergovernmental compact for land protection along the Connecticut River Byway.
6. Completed implementation projects for Byway plan.

Source	Budget	Est. Staff Effort
FHWA PL (80%)	\$7,000	4 weeks
MassDOT (20% match)	\$1,750	1 week
TOTAL	\$8,750	5 weeks
Direct Labor	\$4,014	
Indirect Costs	\$4,736	
Direct Costs	\$ 250	

Task 4.8 Merrick/Memorial Neighborhood Plan – Implementation

OBJECTIVE:

This task expands upon the efforts of Phase I of the Merrick/Memorial Neighborhood Plan. PVPC staff will assist The Town of West Springfield in the implementation of the preferred recommendations of Phase I. The services of a private consultant may also be obtained using the remaining TCSP funding for this element of the project. The PVPC will work in conjunction with the Town of West Springfield to complete this task. This task is tied to the advancement of the redesign of the Union Street railroad overpass.

PREVIOUS WORK:

1. Existing land use inventory
2. Business Survey and Market Study
3. Existing Transportation Conditions Study.
4. Regional Freight Study.
5. Merrick/Memorial Plan – Phase I
6. Proposed Sign and Parking Plan

PROPOSED ACTIVITIES:

1. Administer the Transportation and Community System preservation Pilot Program (TCSP) funding to redevelop the existing Brownfield sites and promote sustainable development in this area. Ongoing task.
2. Provide assistance to MassDOT and the Town of West Springfield during the consultation selection and design process of the Union Street CSX railroad underpass. Ongoing task.
3. Continue efforts to advance conceptual improvements to develop a truck route to Route 5 via Agawam Avenue/M Street. Pending task.

Requires completion of the design of the new Union Street CSX railroad underpass.

PRODUCTS:

1. Data collection and analysis as appropriate.
2. Design of key components, as appropriate.

Source	Budget	Est. Staff Effort
FHWA – TCSP	<u>\$175,000</u>	<u>93 weeks</u>
TOTAL	\$175,000	93 weeks

Direct Labor	\$ 26,066
Indirect Costs	\$ 28,934
Direct Costs	\$120,000

Task 4.9 Pioneer Valley Trails Map**OBJECTIVE:**

To encourage the use of alternative (non-automobile) modes of transportation by providing the public with a high quality map of bicycle, walking and hiking trails across the Pioneer Valley region.

PREVIOUS WORK:

1. Regional Biking Map
2. Initiated inventory of regional trails and collection of mapped data.

PROPOSED ACTIVITIES:

1. Complete work on an inventory of all bicycle, walking and hiking trails in the 43 communities of the Pioneer Valley region, including GPS mapping and trail narratives.
2. Develop a GIS-based map of all trails.
3. Develop a map narrative that encourages the public to use alternative modes of transportation, with descriptions and photographs of the regional trails, to promote public use.
4. Prepare a final map, print and distribute the map product.
5. Initiate development of a website, linked with the PVPC website, to provide access to the regional trails map and detailed hiking trail data.

PRODUCTS:

1. Pioneer Valley Trails Map

Source	Budget	Est. Staff Effort
FHWA PL (80%)	\$5,360	3 weeks
MassDOT (20% match)	<u>\$1,340</u>	<u>1 week</u>
TOTAL	\$6,700	4 weeks

Direct Labor	\$3,073
Indirect Costs	\$3,627
Direct Costs	\$ 300

ESTIMATED COMPLETION SCHEDULE OF PLANNING ACTIVITIES

Task	Product	Anticipated Completion
1.2	FY2012 UPWP	August 2011
1.4	FY2012 - 2015 TIP	August 2011
1.6	Environmental Justice Planning	Ongoing
2.1	Regional Traffic Counts	Ongoing
2.2	Regional Travel Demand Modeling	Ongoing
2.3	GIS, Mapping, and Graphics	Ongoing
2.4	Information Center Reports	Ongoing
2.4	Maintenance of Socio-economic Data	Ongoing
2.4	Update Information Center Website	Ongoing
2.5	CMP Data Collection	Ongoing
2.6	PMS Data Collection	Ongoing
3.1	RTP Update	March 2011
3.2	Transit Route Surveys	Ongoing
3.3	Easthampton Route 10 Build Out Analysis	June 2011
3.4	Regional Freight Planning	Ongoing
3.5	Travel Time Contours	September 2011
3.5	CMP Annual Report	September 2010
3.5	Top 3 Bottlenecks	Summer 2010
3.5	Development of New Park and Ride Lots	Ongoing
3.5	Dwight Street at Appleton Street Study - Holyoke	August 2001
3.6	PMS Project Development	Ongoing
3.6	Regional PMS Activity Report	December 2010
3.8	Springfield Safety Study	May 2011
3.8	Northampton Safety Study	February 2011
3.8	Crash Data Updates	Ongoing
3.8	Springfield HSIP Crash Analysis	March 2011
3.9	Western Mass ITS Architecture Updates	Ongoing
3.10	Climate Change Toolkit	Fall 2010
3.10	RTP Sustainability Chapter	November 2011
4.1	Route Ridership Studies	Ongoing
4.1	PVTA Schedule Updates	Summer 2011 and Fall 2011
4.2	Paratransit Planning	Ongoing
4.3	Valley Vision Toolbox updates	Ongoing
4.3	Valley Vision 3 Mapping Components	September 2011
4.4	Status Reports on Regional Bike/Ped Efforts	June 2011
4.4	Bike Commute Week	May 2011
4.4	Safe Routes to School Program inventory	Summer 2011
4.5	Local Technical Assistance	Ongoing
4.9	Regional Trail Map	September 2011

ADDITIONAL PLANNING PROJECTS

This section outlines activities for which funding has not yet been secured. These proposed tasks are provided for information purposes only. An amendment to the UPWP will be completed to reflect any contracts secured for these proposed tasks.

Interstate Route I-91 Major Corridor Planning Study

OBJECTIVE:

The 2007 Update to the Regional Transportation Plan for the Pioneer Metropolitan Planning Organization (RTP) recommends a study be advanced for the South End Bridge and I-91 corridor from Exit 1 (Route 5 South) through Exit 5 (Broad Street). This study was recognized as a "High" priority project for the Pioneer Valley Region.

In the late 1990's a private consultant was commissioned by the Massachusetts Highway Department to conduct a conceptual design study of I-91 in Springfield to evaluate measures to improve traffic operations. This section of I-91 currently exhibits numerous short weaving areas, non-standard geometrical features, restrictive sight distances, heavy traffic volumes, and high travel speeds all of which have resulted in congestion and safety problems.

Since completion of this study, a number of transportation improvement projects have been completed for this area. The Springfield I-91 weave elimination project addressed many of the safety and congestion issues north of the proposed study area. Repairs to the South End Bridge have recently been completed and a new flyover ramp from Route 5 northbound to Route 57 westbound is in preliminary design stages. A design Build project to install Intelligent Transportation System (ITS) devices along I-91 and I-291, which includes the I-91 Corridor Planning Study limits, commenced in Fall 2008. An I91 Interstate maintenance project that includes the Longmeadow/ Springfield area was recently advertised for construction. The FHWA in their oversight requested that a crash analysis be conducted so that appropriate safety improvements could be included in the work. This resulted in the incorporation of new safety warning signs and guardrails. It was concluded that major safety upgrades should be deferred pending further study. The FHWA agreed with this approach.

MassDOT District 2 initially requested this study in 2006. A new study would further develop the original concepts recommended for this area and explore opportunities to enhance bicycle and pedestrian movements by connecting the Springfield Riverwalk to the Agawam Riverwalk and the Forest Park area. The study would also evaluate traffic operations through the collection of new traffic count data, the analysis of crash data, and development of an origin/destination travel survey. In addition, the study would evaluate how to best incorporate the corridor's ITS devices (Variable Message Signs and Closed Circuit Television Cameras) into traffic operations to address the study goal of reducing congestion. Key recommendations from previous studies should be re-evaluated along with existing substandard geometric features such as the existing I-91 median shoulder width. The final product would be a plan featuring short and long-term recommendations to improve safety,

enhance bicycle and pedestrian flow, incorporate ITS devices, and reduce congestion along the I-91 corridor.

Source	Budget	Est. Staff Effort
FHWA – SPR (80%)	\$400,000	160 weeks
MassDOT (20%)	<u>\$100,000</u>	<u>40 weeks</u>
TOTAL	\$500,000	200 weeks

Route 9 Transit Study

OBJECTIVE:

To continue the study and development of transit concepts and recommendations to enhance public transportation in the Route 9 corridor in Northampton, Hadley and Amherst, as identified in the February 2004 Connecticut River Crossing Study (CRCS) produced for MassHighway (now MassDOT Highway Division).

Proposed study participants would include PVPC, PVTA, MassDOT Highway Division, University of Massachusetts Amherst, and representatives of Amherst, Hadley and Northampton and other stakeholders. Support from a transportation engineering and land use consultant would likely be sought to assist with the technical analysis of alternatives, evaluation of implementation options and phasing, and public participation. Significantly, MassDOT has begun implementing traffic signal timing improvements in this corridor that could be configured to include signal prioritization capabilities for buses—a first step toward improving travel times for transit users.

PROPOSED ACTIVITIES

1. Establish a project technical advisory committee (TAC) to serve as the focal point for agency coordination and public involvement activities.
2. Initiate a public participation process that includes local officials and residents from the communities of Amherst, Hadley, Northampton, UMass and other stakeholders to review and comment on proposed transit improvements.
3. Develop a Scope of Work and Request for Proposals for traffic engineering and land use consulting services; identify funding sources for these technical services.
4. Conduct traveler surveys in the Route 9 corridor to identify travel market demand, user preferences, community concerns and other relevant information.
5. Update travel time information for all transportation modes in the corridor.
6. Perform a preliminary evaluation of the transit-related recommendations in the 2004 CRCS and identify additional strategies and/or alternatives that may be appropriate. These should include:
 - a) Bus rapid transit (BRT) strategies.
 - b) Intermodal facilities integration and land use recommendations.
 - c) A preliminary alternatives evaluation.
 - d) Identification of all necessary permits and approvals.
 - e) Cost estimates.

Source	Budget	Est. Staff Effort
To Be Determined	<u>\$150,000</u>	<u>60 weeks</u>

TOTAL	\$150,000	60 weeks
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East/West Passenger Rail Study

OBJECTIVE:

It is anticipated that MassDOT will issue a Request for Proposals to study the feasibility of increasing opportunities for east/west passenger rail service from Springfield to Boston. This could result in the development of additional planning work to perform data collection, analysis and additional public participation necessary to support passenger rail service along this corridor.

PREVIOUS WORK:

Knowledge Corridor Passenger Rail Study.

PROPOSED ACTIVITIES:

1. Continue to work with federal, state and local officials to provide up to date information for the project.
2. Perform data collection and facilitate public participation efforts as necessary.
3. Review infrastructure needs and operating cost estimates for the incremental implementation of the service along the corridor.
4. Continue to assess potential funding strategies through applications for federal, state and local funding.

PRODUCTS:

TBD

Source	Budget	Est. Staff Effort
TBD	\$	

Scenic Byways of Western Massachusetts Marketing Campaign

OBJECTIVE:

There have been several successful applications submitted by the Berkshire Regional Planning Commission (BRPC), Franklin Regional Council of Governments (FRCOG), and the Pioneer Valley Planning Commission (PVPC) to promote activities associated with Scenic Byways. As many of these proposed projects contain similar tasks, the project scope have been combined in order to eliminate duplicative efforts and create a synergy for promoting the byways. This action will allow the RPAs to work cooperatively to advance a Scope of Work that promotes a broader geographic area encompassing all of the Western Massachusetts Scenic Byways, and draw greater attention to the area as a whole.

The project involves the following five byways in Western Massachusetts:

- a) Connecticut River Scenic Farm Byway – Routes 47/63/10

- b) Jacobs Ladder Trail – Route 20
- c) Mohawk Trail (east and west) – Route 2/2A
- d) Mount Greylock Scenic Byway
- e) Route 112 Scenic Byway

PROPOSED ACTIVITIES:

1. Development of a coordinated and cohesive marketing campaign strategy that will brand and promote the Scenic Byways of Western Massachusetts as a local and regional travel destination. This includes identifying themes, branding, and logos for the Scenic Byways of Western Massachusetts as well as each individual byway.
2. Development of a coordinated web presence that includes an overall structure for the Scenic Byways of Western Massachusetts as well as a substructure for the individual byways. This will include coordination with the UMass Regional Traveler Information Center (RTIC).
3. Creation of promotional materials such as maps, brochures that help travelers find the scenic byways, navigate from one byway to another, and locate specific sites and attractions along the byways. This will also include the development of electronic tools including smartphone applications and GPS information.
4. Develop and install a coordinated sign system that includes highway destination signs as well as local wayfinding signs. This also entails identifying and mapping locations for signs, obtaining approval for sign installation from MassDOT, the local communities and any other applicable permitting agencies.
5. Implementation of the marketing campaign that will promote the newly branded Scenic Byways of Western Massachusetts as a destination. This will include the development of promotional materials and placement of the materials in appropriate media outlets.

Source	Budget
Mohawk Trail FY2003	\$ 110,000
CT River – Franklin FY2004	\$ 50,000
CT River – Hampshire FY2006	\$ 22,500
CT River – Hampshire FY2008	\$ 20,000
JLT FY 2006 (Wayfinding)	\$ 206,000
JLT FY2007 (Marketing Implementation)	\$ 136,130
Western Mass Byways Marketing	<u>\$ 552,000</u>
TOTAL	\$1,096,630

Holyoke Rail Station Study

OBJECTIVE:

The purpose of the work described in this document is to produce a recommended location for a future passenger railroad station in downtown Holyoke, Massachusetts. Passenger rail service will be returning to Holyoke as part of the regional Knowledge Corridor project to revitalize rail service from Hartford, Connecticut north to Springfield, Massachusetts, the Pioneer Valley and southern Vermont.

As part of this multi-state initiative, a feasibility study to assess the viability of options for improving passenger rail service along the 186-

mile corridor between Springfield, Massachusetts, and White River Junction, Vermont was completed in December 2009. The study examined the realignment of Amtrak service from its current route via Palmer and Amherst to its original alignment via Holyoke, Northampton and Greenfield along the so-called Connecticut River Line. The study also examined the long term feasibility of increased intercity and commuter passenger rail service along this alignment.

In 2009, MassDOT submitted a stimulus grant application to the Federal Railroad Administration's High Speed and Intercity Passenger Rail Program to implement the realignment of Amtrak service along 63 miles of the Knowledge Corridor between Springfield and the Vermont state line. In January 2010, FRA awarded MassDOT \$70 million for this realignment project. MassDOT is expected to complete engineering in 2010; construction is to be complete and Amtrak service realigned by the end of 2012.

The 2009 feasibility study identified two potential locations (see map) for a new passenger rail station in Holyoke as "good" or "very good" in terms of their potential to serve future passenger rail demand and local development priorities:

Location	Description	Rating
Main and Canal Streets (west side of existing rail line)	Former passenger rail station; historic structure	Good
Dwight and Main Streets	Adjacent to Sullivan Scrap Metal company	Very good

This study will focus on the analysis of these two locations and their potential to serve the passenger demand and service scenarios described in the 2009 feasibility study. The location and accessibility of other transportation assets, resources and trip generators in the downtown area shall be considered in the analysis of each location.

PROPOSED ACTIVITIES

1. Develop evaluation criteria for the following areas: railroad operations; auto, pedestrian and transit (intermodal) access; parking availability; Consistency with local and state regulations, plans, policies, and other development initiatives; and, site redevelopment potential.
2. Describe existing conditions. Includes site visits, photo documentation, parcel data, structural data, passenger and freight rail operations, historic records and other information pertinent to the development of a recommended alternative. Complete Initial Site Assessment memorandum and presentation to stakeholders.
3. Describe the alternatives considered.
4. Produce recommended station location and concept, including conceptual design; development scenarios; consistency with municipal zoning, as well as local and regional plans and policies; and operating plan.
5. Estimate project costs.
6. Assess environmental benefits, impacts, and constraints.
7. Assess historic resources and structures.
8. List all permitting requirements and schedule.

9. Facilitate public involvement.
10. Produce draft and final reports and presentations.

Source	Budget
Section 5314 Earmark	<u>\$80,000</u>
TOTAL	\$80,000

Interstate Route I-91 Exit 15 Study

OBJECTIVE:

In 2009, through a grant received as part of the Chapter 43D process, the City of Holyoke initiated a study of the Lower Westfield Road Corridor in an effort to evaluate the transportation related issues and concerns within the Ingleside area of the City of Holyoke, and to identify strategies that could be utilized to effectively address these problems. The City of Holyoke commissioned the services of a transportation consulting firm to perform this study.

The completed study identified traffic congestion and delay, roadway layout, maneuverability, traffic safety and enforcement as concerns that should be addressed. The most notable issue at the exit 15 off-ramp signalized intersections was identified as the difficult vehicle maneuvers that occur between each intersection and the high number of crashes in this area. Observations revealed that the high volume of left turns onto the entrance ramps at each location during peak hours forces the shared through/left lanes to operate as de facto left turn lanes. This creates a situation where the majority of the through vehicles will only use the right lane, and not the shared through/left lane. This generally leads to traffic flow problems through this area since most through vehicles will position themselves in the right lane prior to each intersection resulting in longer queues. This also appears to lead to vehicles making abrupt lane changes near the ramp intersections in an effort to navigate around delayed left turning vehicles.

An additional concern/issue identified in this study was that vehicles traveling eastbound along Lower Westfield Road destined for the Holyoke Mall conflict with vehicles exiting the I-91 northbound off ramp who desire to turn left onto Whiting Farms Road or continue straight along Lower Westfield Road. This may partially explain the high average number of crashes (16) per year, and the crash rate of 1.40 which is higher than both the statewide and District 2 averages for signalized intersections. This difficult weaving maneuver is result of the current geometric design of the I-91 northbound off ramp.

The City of Holyoke therefore requests a new study be initiated through the Massachusetts Department of Transportation that will further develop the recommended concepts in the consultant study. The new study should evaluate traffic operations; traffic count data, crash data and a thorough origin/destination travel survey as well as other appropriate methods.

Source	Budget	Est. Staff Effort
TBD	TBD	TBD

FUNDING PROFILE

FFY 2011 Unified Planning Work Program Funding Profile

	Total	FHWA 3C PL	MHD 3C Match	Local Match	FTA S. 5303	PVTA* S. 5303 Match	PVTA S. 5307	PVTA S. 5307 Match	FTA S. 5316	FTA New Freedom
1.0 Management & Certification of the 3C Process										
1.1 Management of the 3C Process	108,676	28,000	7,000		12,000	3,000			35,382	23,294
1.2 Unified Planning Work Program	8,125	5,500	1,375		1,000	250				
1.3 Public Participation Process	25,500	14,400	3,600		6,000	1,500				
1.4 TIP Development	62,500	40,000	10,000		10,000	2,500				
1.5 Statewide Funding Proposal Assistance	3,000	2,400	600							
1.6 Environmental Justice	25,000	12,500	3,125		7,500	1,875				
Subtotal of Section 1.0	232,801	102,800	25,700		36,500	9,125	0	0	35,382	23,294
2.0 Technical Support & Data Collection										
2.1 Traffic Counting	37,500	30,000	7,500							
2.2 Regional Travel Demand Modeling/Clean Air Planning	64,375	48,000	12,000		3,500	875				
2.3 GIS, Mapping and Graphics	71,350	38,080	9,520		7,000	1,750	12,000	3,000		
2.4 Information Center	49,250	38,400	9,600		1,000	250		0		
2.5 Regional Congestion Management System - Data Collection	13,750	11,000	2,750					0		
2.6 Regional Pavement Management System - Data Collection	31,250	25,000	6,250							
Subtotal of Section 2.0	267,475	190,480	47,620		11,500	2,875	12,000	3,000	0	0
3.0 RTP Planning										
3.1 Regional Transportation Plan Update	115,584	77,467	19,367		15,000	3,750				
3.2 Transit System Surveys & Route Implementation	143,750				50,000	12,500	65,000	16,250		
3.3 Easthampton Route 10 Build Out Analysis	31,250	25,000	6,250							
3.4 Regional Freight Planning	15,000	12,000	3,000							
3.5 Regional Congestion Management System - Project Development	85,000	65,000	16,250		3,000	750				
3.6 Regional Pavement Management System - Project Development	37,500	30,000	7,500							
3.7 Connecticut River Walk & Bikeway Coordination	5,800	4,640	1,160							
3.8 Regional Safety and Planning Studies	81,250	60,000	15,000		5,000	1,250				
3.9 Intelligent Transportation Systems (ITS) - Strategic Planning	22,500	18,000	4,500							
3.10 Climate Change Implementation	17,200	13,760	3,440							
Subtotal of Section 3.0	554,834	305,867	76,467		73,000	18,250	65,000	16,250	0	0
4.0 Ongoing Transportation Planning										
4.1 Regional Transit Planning	198,196				80,557	20,139	78,000	19,500		
4.2 Paratransit Planning Assistance	12,500				5,000	1,250	5,000	1,250		
4.3 Implementing the Regional Land Use Plan	31,250	25,000	6,250							
4.4 Regional Bicycle & Pedestrian Planning	47,625	38,100	9,525							
4.5 Local Technical Assistance	29,550	23,640	5,910							
4.6 Local Pavement Management Program	6,000			6,000						
4.7 Connecticut River Scenic Farm Byway Project	8,750	7,000	1,750							
4.8 Merrick/Memorial Neighborhood Plan Implementation	175,000									
4.9 Pioneer Valley Trails Map	6,700	5,360	1,340							
Subtotal of Section 4.0	340,571	99,100	24,775	6,000	85,557	21,389	83,000	20,750	0	0
MHD 3C Direct Costs	32,750	26,200	6,550							
Program Sum	1,603,431	724,447	181,112	6,000	206,557	51,639	160,000	40,000	35,382	23,294

*PVTA S. 5303 match is 20% of total program amount only.

FUNDING SUMMARY

Transportation Funding	Value	% of Total
FHWA PL (80%)	\$ 724,447.00	43.03%
MassHighway PL (20% match)	\$ 181,112.00	10.76%
FTA Section 5307 (80%)	\$ 160,000.00	9.50%
PVTA Section 5307 (20% match)	\$ 40,000.00	2.38%
FTA Section 5303 (80%)	\$ 206,557.00	12.27%
PVTA Section 5303 (20% match)	\$ 51,639.00	3.07%
FTA Section 5316	\$ 35,382.00	2.10%
FTA Section 5317 - New Freedom	\$ 23,294.00	1.38%
Local Funds (includes in-kind contributions)	\$ 6,000.00	0.36%
Passenger Rail Study (estimated)	\$ 80,000.00	4.75%
** USDOT TCSP Grants (estimated)	\$ 175,000.00	10.40%
Total	\$ 1,683,431.00	100.00%
Other Funding	Value	% of Total
MARPA Support Services	\$ 14,000.00	0.57%
EPA Water Quality Planning	\$ 52,185.00	2.14%
EPA/DWPC Urban Stormwater Management	\$ 30,800.00	1.26%
Pioneer Valley Water Quality Initiatives	\$ 35,500.00	1.45%
* HUD/CBDG Administration	\$ 719,000.00	29.45%
EPA/EOEA CSO and Stormwater Management	\$ 31,000.00	1.27%
Route 9 Construction Mitigation Plan	\$ 16,500.00	0.68%
EOEA/MassGIS Parcel Mapping and Zoning Projects	\$ 9,150.00	0.37%
* HUD/CDBG Administration - New Projects	\$ 320,000.00	13.11%
Housing Rehab Loan Program Management	\$ 68,500.00	2.81%
EPA/Interstate Watershed Management	\$ 91,375.00	3.74%
Local Service Contracts	\$ 98,200.00	4.02%
FY 2011 Local Assessments	\$ 91,023.60	3.73%
MHC and PVPC Historic Preservation	\$ 85,100.00	3.49%
EPA Brownfields Revolving Loan Fund Management	\$ 51,700.00	2.12%
Massachusetts DLTA Planning	\$ 152,750.00	6.26%
US/EDA Regional Economic Planning	\$ 65,000.00	2.66%
PVPC Data Center - New Projects	\$ 51,500.00	2.11%
DHCD/Development Regional Affordable Housing Plan	\$ 83,600.00	3.42%
EOPS Homeland Security Planning/GIS Components	\$ 64,150.00	2.63%
MEMA/FEMA Natural Hazards Mitigation Planning	\$ 42,000.00	1.72%
PVTA Transit Mapping and Graphics Support	\$ 31,000.00	1.27%
Chapter 43D Expedited Permitting	\$ 82,250.00	3.37%
501 (C) 3 Non Profit Corporation Revenue	\$ 72,850.00	2.98%
Development of Local Master Plans	\$ 70,000.00	2.87%
Miscellaneous	\$ 12,000.00	0.49%
Total	\$ 2,441,133.60	100.00%

* Denotes Pass-through Funding

** For the City of West Springfield

Overall Funding	Value	% of Total
FHWA PL (80%)	\$ 724,447.00	17.56%
MassHighway PL (20% match)	\$ 181,112.00	4.39%
FTA Section 5307 (80%)	\$ 160,000.00	3.88%
PVTA Section 5307 (20% match)	\$ 40,000.00	0.97%
FTA Section 5303 (80%)	\$ 206,557.00	5.01%
PVTA Section 5303 (20% match)	\$ 51,639.00	1.25%
FTA Section 5316	\$ 35,382.00	0.86%
FTA Section 5317 - New Freedom	\$ 23,294.00	0.56%
Local Funds (includes in-kind contributions)	\$ 6,000.00	0.15%
Passenger Rail Study	\$ 80,000.00	1.94%
** USDOT TCSP Grants	\$ 175,000.00	4.24%
MARPA Support Services	\$ 14,000.00	0.34%
EPA Water Quality Planning	\$ 52,185.00	1.27%
EPA/DWPC Urban Stormwater Management	\$ 30,800.00	0.75%
Pioneer Valley Water Quality Initiatives	\$ 35,500.00	0.86%
* HUD/CBDG Administration - 2007 and 2008 projects	\$ 719,000.00	17.43%
EPA/EOEA CSO and Stormwater Management	\$ 31,000.00	0.75%
Route 9 Construction Mitigation Plan	\$ 16,500.00	0.40%
EOEA/MassGIS Parcel Mapping and Zoning Projects	\$ 9,150.00	0.22%
* HUD/CDBG Administration - New Projects	\$ 320,000.00	7.76%
Housing Rehab Loan Program Management	\$ 68,500.00	1.66%
EPA/Interstate Watershed Management	\$ 91,375.00	2.22%
Local Service Contracts	\$ 98,200.00	2.38%
FY 2011 Local Assessments	\$ 91,023.60	2.21%
MHC and PVPC Historic Preservation	\$ 85,100.00	2.06%
EPA Brownfields Revolving Loan Fund Management	\$ 51,700.00	1.25%
Massachusetts DLTA Planning	\$ 152,750.00	3.70%
US/EDA Regional Economic Planning	\$ 65,000.00	1.58%
PVPC Data Center - New Projects	\$ 51,500.00	1.25%
DHCD/Development Regional Affordable Housing Plan	\$ 83,600.00	2.03%
EOPS Homeland Security Planning/GIS Components	\$ 64,150.00	1.56%
MEMA/FEMA Natural Hazards Mitigation Planning	\$ 42,000.00	1.02%
PVTA Transit Mapping and Graphics Support	\$ 31,000.00	0.75%
Chapter 43D Expedited Permitting	\$ 82,250.00	1.99%
501 (C) 3 Non Profit Corporation Revenue	\$ 72,850.00	1.77%
Development of Local Master Plans	\$ 70,000.00	1.70%
Miscellaneous	\$ 12,000.00	0.29%
Total	\$ 4,124,564.60	100.00%

SUMMARY OF COMMENTS

[illegible]

MPO ENDORSEMENT

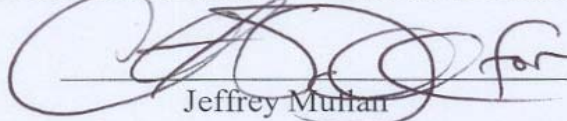
PIONEER VALLEY MPO ENDORSEMENT SHEET

The signatures below signify that all members of the Pioneer Valley Region's Metropolitan Planning Organization, or their designees, have met on July 27, 2010 and discussed the following item for endorsement: The Pioneer Valley Region's Federal Fiscal Year 2011 Unified Planning Work Program (UPWP).

Massachusetts Department of Transportation (Mass DOT)

I, Secretary of the Massachusetts Department of Transportation, hereby

☒ Endorse ☐ Do Not Endorse the above referenced item.

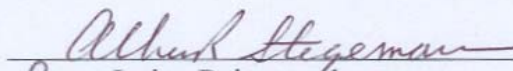

Jeffrey Mullan
Secretary & CEO Mass DOT

27 Jul 10
Date

Massachusetts Department of Transportation Highway Division

I, Administrator of the Highway Division of MassDOT, hereby

☒ Endorse ☐ Do Not Endorse the above referenced item.

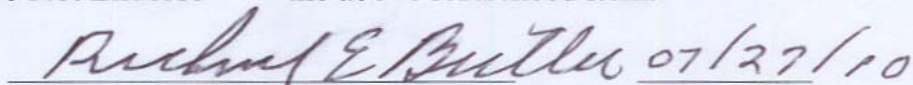

Luisa Paiewonsky
Administrator, Mass DOT

07/27/10
Date

Pioneer Valley Planning Commission (PVPC)

I, Chair of the Pioneer Valley Planning Commission, hereby

☐ Endorse ☐ Do Not Endorse the above referenced item.

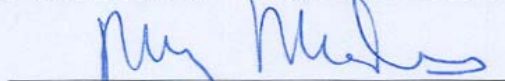

Richard Butler
Chair - PVPC

07/27/10
Date

Pioneer Valley Transit Authority (PVRTA)

I, Administrator of the Pioneer Valley Transit Authority, hereby

☒ Endorse ☐ Do Not Endorse the above referenced item.


Mary MacInnes
Administrator - PVRTA


7/27/10
Date

City of Springfield

I, Mayor of the City of Springfield, hereby

☒ Endorse☐ Do Not Endorse

the above referenced item.


Domenic Sarno
Mayor-Springfield

7/27/10
Date

City of Chicopee

I, Mayor of the City of Chicopee, hereby

☐ Endorse☐ Do Not Endorse

the above referenced item.

Michael Bissonnette
Mayor-Chicopee

Date _____

City of Northampton

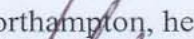
I, Mayor of the City of Northampton, hereby

 Endorse

☐ Do Not Endorse

the above referenced item.

f Northampton, hereby
Do Not Endorse the above referenced



Mary Clare Higgins
Mayor-Northampton

7/27/10
Date

City of West Springfield

I, Mayor of the City of West Springfield, hereby

☒ Endorse☐ Do Not Endorse

the above referenced item.

Edward Gibson
Mayor-West Springfield

July 27, 2010
Date

Town of Belchertown

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

☐ Endorse☐ Do Not Endorse

the above referenced item.

James Barry
Selectman-Belchertown

Date _____


Town of Hatfield

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

☒ Endorse☐ Do Not Endorse

the above referenced item.

Do Not Endorse the above referred



Marcus Boyle
Selectman-Hatfield

27/12/10
Date