

# Unified Planning Work Program

**Fiscal Year 2008**

**October 1, 2007 to September 30, 2008**



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

August, 2007

Prepared by the  
Pioneer Valley Planning Commission

For the Pioneer Valley  
Metropolitan Planning Organization

**Pioneer Valley MPO Members**

<b>Name</b>	<b>Title</b>
Bernard Cohen	Secretary of the Executive Office of Transportation and Public Works
Luisa Paiewonsky	Commissioner of the Massachusetts Highway Department
Henry Barton	Chairman of the Pioneer Valley Executive Committee
Richard Theroux	Chairman of the Pioneer Valley Transit Authority Advisory Board
Mayor Michael Sullivan	Mayor of Holyoke
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
Scott Short	Granville Board of Selectmen
<b>Alternates</b>	
Mayor Charles Ryan	Mayor of Springfield
Mayor Richard Cohen	Mayor of Agawam
Gerald Devine	Hadley Board of Selectmen
James Driscoll	East Longmeadow Board of Selectmen
John Baldasaro	Chester Board of Selectmen
<b>Ex-Officio</b>	
Lucy Garliauskas	Federal Highway Administration
Richard Doyle	Federal Transit Administration
James Czach	Chairman – Pioneer Valley Joint Transportation Committee

This document is developed through the assistance of the Federal Highway Administration, the Federal Transit Administration, the Massachusetts Executive Office of Transportation and Public Works, the Massachusetts Highway Department and the Pioneer Valley Transit Authority.



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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, the Executive Office of Transportation and Public Works (EOT), and the Massachusetts Highway Department (MassHighway).

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 EOT, MassHighway, 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/MassHighway	October 1, 2007 through September 30, 2008
FTA/EOT	October 1, 2007 through September 30, 2008
PVTA	July, 2007 through June, 2008
Scenic Byways Program	Various Contract Periods

***The Pioneer Valley Metropolitan Planning Organization endorses the 2008 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. The Pioneer Valley MPO endorsed this document on August 28, 2007. A copy of the endorsement sheet appears at the end of the document.***

## TRANSPORTATION PLANNING FUNDING SOURCES

**FHWA/MassHighway** - MassHighway 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. MassHighway 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 MassHighway 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, 2007 (FFY 2008)	\$12,493,711
Total PL Expenditures as of April 30, 2007	\$10,486,111
Estimated PL Expenditure for Remainder of FFY 2007 UPWP	\$449,311
Current PL Balance (Estimated)	\$1,558,289
Estimated PL Expenditure in FFY 2008 UPWP	\$877,285
Estimated PL Balance as of September 30, 2007	\$681,004

Source: PVPC

A total of \$877,285 in PL funds has been programmed for the FY2008 Transportation Work Program. Direct Costs are expected to vary among tasks in the UPWP and are subject to change. A total of \$50,000 has been allocated for Direct Costs in FY2008.

**FTA/EOT/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 EOT 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.

**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 of the Executive Office of Transportation and Public Works
- The Commissioner of the Massachusetts Highway Department
- The Chairman of the Pioneer Valley Planning Commission
- The Chairman 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 Highway Department 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**

<b>Name</b>	<b>Title</b>
Bernard Cohen	Secretary of the Executive Office of Transportation and Public Works
Luisa Paiewonsky	Commissioner of the Massachusetts Highway Department
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Mayor Edward Gibson	Mayor of West Springfield
Mayor Clare Higgins	Mayor of Northampton
James Barry	Belchertown Board of Selectmen
Scott Short	Granville Board of Selectmen
<b>Alternates</b>	
Mayor Charles Ryan	Mayor of Springfield
Mayor Richard Cohen	Mayor of Agawam
Gerald Devine	Hadley Board of Selectmen
James Driscoll	East Longmeadow Board of Selectmen
John Baldasaro	Chester 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	John Stone	Michael Chase
Amherst	Guilford Mooring	Jason Skeels
Barnes Municipal Airport	Chris Willenborg	
Belchertown	Steven Williams	Gary Brougham/Douglas Albertson
Brimfield	Robert Hanna	
Chester	Tony Mazzaferro	
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	
Hampden	Melissa Reeves	
Hatfield	Frank Motyka	
Holland	Earl Johnson	Brian Johnson
Holyoke	Matt Sokop	Jeffrey Burkott
Huntington	Wayne McKinney	Albert LaFrance
Longmeadow	Mike Wrabel	
Ludlow	Paul Dzubick	Michael Szlosek
MassHighway District 1	Mark Moore	Peter Frieri
MassHighway District 2	Richard Masse	Meryl Mandell
Middlefield	Rodney Severy, Jr.	
Monson	John Morrell	Gretchen Neggers
Montgomery	Curtis Bush, Jr.	
Northampton	Wayne Feiden	Edward Huntley
Palmer	Richard Kaczmarczyk	Richard Fitzgerald
Pelham	Rick Adamcek	
Peter Pan Bus Lines	Peter Picknelly, Jr.	Robert Schwarz
Pioneer Valley Railroad	Michael Renicki	
Pioneer Valley Transit Authority		
Plainfield	Charles Waterhouse	
Russell	Mickey Sharkey	Lyle Maxwell
South Hadley	Jim Reidy	Yem Lip
Southampton	Edward J. Cauley	
Southwick	Jeff Neece	Richard Grannells
Springfield	Allan Chwalek	Peter Shumway
Tolland	James Deming	Richard Daley
University of Massachusetts	Al Byam	
Wales	Michael Wasiluk	
Ware	Paul Hills	Gilbert St. George-Sorel
Westfield	Mark Cressotti	
Westhampton	David Blakesly	Charles Norris
West Springfield	James W. Lyons	James Czach
Wilbraham	James E. Thompson	Tonya Bosch
Williamsburg	Linda Rowley	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
Timothy Doherty	Senior Transportation Planner - Manager
David Johnson	Transportation Planner - Specialist
Amir Kouzehkanani	Principal Planner – Manager
Andrew McCaul	Transportation Planner I
Jeffrey McCollough	Senior Transportation Planner II
Kelvin Molina	Transportation Planner II
Dana Roscoe	Principal Planner - Section Head
Gary Roux	Principal Planner - Section Head
Kimberly Stearns	Transportation Planner I

## STAFFING REPORT

The following PVPC staff members are expected to work on the FY2008 Unified Planning Work Program. The percentage of each staff member's time devoted to Transportation Planning Tasks is approximated under “% Time on Transportation”.

<b>Staff</b>	<b>Position</b>	<b>% Time on Transportation</b>
Rana Al Jammal	Senior Transportation Planner - Specialist	100%
Jessica Allen	Land Use Planner	13%
Ray Centeno	Graphics Designer	24%
Chris Curtis	Principal Planner/Section Manager	15%
Tim Doherty	Senior Transit Planner	100%
Christopher Dunphy	Community Development Senior Planner	10%
New Planner	Analyst/Regional Information Center Manager	71%
James Gray	Community Development Principal Planner	10%
Shaun Hayes	Principal Planner/Section Manager	10%
Dave Johnson	Transit Planner - Specialist	100%
Amir Kouzehkanani	Principal Transp. Planner/Manager	100%
James Mazik	Deputy Director for Operation/Community Development Section Manager	15%
Andrew McCaul	Transportation Planner I	100%
Jeff McCullough	Senior Transportation Planner	100%
Catherine Miller	Principal Planner/Section Manager	23%
Kelvin Molina	Transportation Planner II	100%
Bonnie Parsons	Community Development Principal Planner	35%
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%
Kimberly Stearns	Transportation Planner I	100%
Lori Tanner	Community Development Planner	10%
Todd Zukowski	Planner Specialist/GIS Graphics	36%
Transportation Interns (3)	Intern	100%

## PREVIOUS TRANSPORTATION STUDIES

Jacob's Ladder Trail Scenic Byway Study- Landscape Inventory & Assessment  
Jacob's Ladder Trail Scenic Byway Study- Executive Summary  
Jacob's Ladder Trail Scenic Byway Study- Highway and Safety Analysis  
Jacob's Ladder Trail Scenic Byway Study- 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  
Interstate 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 Report: Rte. 5 Signal Coordination  
Rte. 5 Corridor Study Supplemental Report: Elmwood Area Preliminary Travel Demand Analysis  
Route 10/202 Corridor Study  
A Decade of Regional Traffic Counts 1983-1993  
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  
Regional Traffic Counts 1990-1995  
Regional Traffic Counts 1992-1997  
Regional Traffic Counts 1994-1999  
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  
The Pioneer Valley Regional Bicycle and Pedestrian Transportation Plan  
Bradley Airport Study for Western Massachusetts  
2000 Pioneer Valley Regional Transportation Plan  
2001 Update to the Regional Congestion Management System  
Outer Belt Transportation Study  
Holyoke Downtown Flow Study  
Regional Traffic Counts 1997 – 2001  
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)  
Regional Traffic Counts, 1999 – 2003  
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  
Update 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  
Valley Vision 2  
Route 57 intersection study – Southwick  
Regional CMS Data Collection Update  
Merrick/Memorial Truck and Pedestrian Surveys  
Palmer Park and Ride Lot Study

## **STUDIES COMPLETED AS PART OF THE FY 2007 UPWP**

Community and Facility Profiles (various)  
Local Technical Assistance Requests (various)  
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 Draft  
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 intersection Study – Amherst  
Brimfield Safety Study  
PVPC Regional Bridge Map  
Palmer Bike Path Study  
Route 112 Scenic Byway Study  
Regional Transit Surveys  
Public Participation Plan for the Pioneer Valley MPO Update

**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 2008.

**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:**

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

**PROPOSED ACTIVITIES:**

1. Provide liaisons between PVPC communities, PVTA, 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	15 weeks
MassHighway (20% match)	\$ 7,000	4 weeks
FTA S.5303	\$15,000	8 weeks
PVTA S.5307	\$ 6,250	3 weeks
FTA S. 5316	\$ 5,000	3 weeks
FTA New Freedom	\$ 2,500	2 weeks
<b>TOTAL</b>	<b>\$63,750</b>	<b>35 weeks</b>

Direct Labor	\$30,213
Indirect Costs	\$33,537

## Task 1.2 Unified Planning Work Program

### OBJECTIVE:

To prepare and continually maintain a Unified Planning Work Program (UPWP) that describes all transportation and transportation-related planning activities anticipated within the PVPC planning region during the forthcoming period regardless of funding source. To develop, maintain, and complete the UPWP in conformance with applicable federal, state, and regional guidelines.

### PREVIOUS WORK:

1. Pioneer Valley Unified Work Programs 1974 - 2007.

### 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 program year. The development of a new UPWP will be prepared in cooperation with the Regional Joint Transportation Committee (JTC) and EOT and subject to the adopted Public Participation Plan.

### PRODUCTS:

1. Amendments to the current UPWP as necessary.
2. UPWP for the next program year (FFY 2009)

Source	Budget	Est. Staff Effort
FHWA PL (80%)	\$5,000	2 weeks
MassHighway (20% match)	\$1,250	1 week
FTA S.5303	<u>\$1,250</u>	<u>1 week</u>
TOTAL	\$7,500	4 weeks

Direct Labor	\$3,555
Indirect Costs	\$3,945

## Task 1.3 Public Participation Process

### OBJECTIVE:

To provide the public with complete information, timely notice, full access to key decisions and opportunities for early and continuing involvement in the 3C process. To assess the effectiveness of the current Public Participation Process and to develop and enhance the process of regional involvement supporting the objectives of SAFETEA-LU.

### PREVIOUS WORK:

1. Pioneer Valley Public Participation Process 2000-2007.
2. Memorandum of Understanding for the restructure of the Pioneer Valley Metropolitan Planning Organization.
3. PVPC website.
4. "REGION" – PVPC cable access show.
5. Pavement Management Informational Brochure
6. PVPC Speaker Series "In Futuro—What Lies Ahead for the Place We Call Home"
7. Press releases and publicity announcing transportation projects and events
8. Quarterly PVPC newsletter "Regional Reporter"

### PROPOSED ACTIVITIES:

1. Refine the current Public Participation Process as needed.

2. Apply the Public Participation Process to transportation programs and tasks: prepare for public meetings, attend public meetings, use the outreach staff person to increase public participation, inform and educate residents and employers of the region about SAFETEA-LU, CAAA, and PVPC activities.
3. Apply new and innovative approaches to improve public participation levels and opportunities, especially for plans and programs.
4. Update the transportation section of the PVPC webpage to include information on current and past transportation studies. Enhance transportation education by developing informational brochures on transportation planning activities and services.
5. Plan and produce online training modules for the PVPC webpage that focus on transportation issues of regional significance.

**PRODUCTS:**

1. Meeting minutes.
2. Press releases for TDM, TMA and Enhancement projects.
3. On-line training modules.

Source	Budget	Est. Staff Effort
FHWA PL (80%)	\$19,600	10 weeks
MassHighway (20% match)	\$ 4,900	3 weeks
FTA S.5303	\$ 7,500	4 weeks
PVTA S.5307	\$ 5,000	3 weeks
FTA S. 5316	\$ 5,000	3 weeks
FTA New Freedom	<u>\$ 2,500</u>	2 weeks
<b>TOTAL</b>	<b>\$44,500</b>	<b>25 weeks</b>

Direct Labor	\$21,090
Indirect Costs	\$23,410

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

**OBJECTIVE:**

As lead planning agency of the Pioneer Valley MPO, PVPC is responsible for annually developing, amending, adjusting and maintaining the Transportation Improvement Program (TIP) for the Pioneer Valley Region. Under this activity, PVPC will update and refine a staged program of transportation improvement projects that is consistent with the Regional Transportation Plan, the State Implementation Plan, EPA Air Quality Conformity Regulations and FHWA/FTA Planning Regulations.

**PREVIOUS WORK:**

1. Pioneer Valley Transportation Improvement Programs 1974 – 2007.

**PROPOSED ACTIVITIES:**

1. Solicit transportation improvement projects from municipalities, MassHighway, PVTA and other transportation providers.
2. Maintain a database of improvement projects. Data will satisfy the requirements of the Metropolitan Planning Rules.
3. Provide technical assistance to the JTC for the refinement and application of a project priority system.
4. Utilize project evaluation criteria to jointly establish a financially constrained project listing for each program year with federal, state and regional officials.
5. Maintain the financial element for all years of the TIP. Financial constraint will be maintained based on funding targets provided by MassHighway. Funding sources will also be provided when available.



6. Present air quality conformity findings conducted for the RTP and TIP. Analyses and documentation will satisfy the requirements of the Metropolitan Planning Rules.
7. Maintain a schedule for preparing, reviewing and revising the TIP cooperatively with federal, state and regional officials.
8. Conduct appropriate public participation for the TIP consistent with the public participation plan for the region.
9. Present documents to the MPO for endorsement.
10. Conduct formal amendments and adjustments as necessary.
11. Produce and distribute TIP documents for federal, state and local officials.
12. Attend regular meetings with MassHighway staff from both district offices to exchange information regarding transportation improvement projects.
13. Maintain and update links on the PVPC web site for each community containing TIP project information which will be used for both public and official use.

**PRODUCTS:**

1. FFY 2008 - 2011 Transportation Improvement Program.
2. Develop and refine procedures necessary for TIP preparation and amendment as necessary.
3. TIP Amendments and Adjustments as necessary.
4. Ranked list of evaluated TIP projects, with corresponding TEC sheets.

Source	Budget	Est. Staff Effort
FHWA PL (80%)	\$36,500	19 weeks
MassHighway (20% match)	\$ 9,125	5 weeks
FTA S.5303	\$12,500	7 weeks
PVTA S.5307	\$ 7,500	4 weeks
TOTAL	\$65,625	35 weeks

Direct Labor	\$31,102
Indirect Costs	\$34,523

**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 - 2007.
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 MassHighway funding process.

**PRODUCTS:**

1. Technical assistance to communities on Enhancement project development.

Source	Budget	Est. Staff Effort
FHWA PL (80%)	\$2,800	2 weeks
MassHighway (20% match)	\$ 700	1 week
PVTA S.5307	<u>\$2,500</u>	<u>2 weeks</u>
TOTAL	\$6,000	5 weeks

Direct Labor	\$2,843
Indirect Costs	\$3,157

**Task 1.6 Environmental Justice**

**OBJECTIVE:**

To ensure that minority and low-income communities are treated equitably in the provision of transportation services and projects, and provide full participation for these communities to advise the MPO during its planning and decision making process.

**PREVIOUS WORK:**

1. Coordination with the Rails to Trails Conservancy, Springfield Health Coalition, and the National Parks Service in the creation of the “Springfield Art Walk” along the State Street Corridor in the four neighborhoods comprising Mason Square area of Springfield.
2. Partnership with Target Hunger Springfield on a community outreach effort in Mason Square and a transportation user survey.
3. Worked with the National Parks Service, The City of Springfield Planning Office, and the Springfield Health Coalition on a collaborative effort to encourage walking and bicycling. Assisted in coordinating outreach efforts and the development of a brochure designed to promote public awareness and use of the Riverwalk.
4. Updated EJ elements of the Public Participation Plan.
5. Development of regional maps to identify areas of low-income and minority populations, average vehicle ownership, major employers, the PVTA fixed route transit system, and major shopping areas.
6. PVPC staff attended FHWA training workshops on Title VI. Coordinated a presentation to JTC members regarding Title VI and Environmental Justice.
7. Developed bilingual survey forms for transit surveys.
8. Evaluated the distribution of transportation investments in the Pioneer Valley region to determine whether low-income and minority communities are receiving a fair allocation of available resources.
9. Updated region-wide databases and GIS maps of Welfare clients.
10. Provided updates to the Plan for Progress Urban Investment Strategy Team regarding transportation planning in the region
11. Participation in the region-wide Welfare-to-Work Task Force and Hampden County SDA Quartet meetings.
12. Inventory of regional Transit Amenities (stops and shelters).
13. Expanded public participation efforts related to the RTP and TIP to target key minority population groups in the region.
14. Massachusetts Career Development Institute (MCDI) Student Survey.

**PROPOSED ACTIVITIES:**

1. Meet regularly with regional organizations and groups that work with the Environmental Justice Community to facilitate and coordinate participation in the regional transportation planning process.
2. Develop bilingual surveys for PVRTA 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 and proactively initiate consultation with low income and minority populations.
3. 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.
4. Continue coordination between PVPC and CRCOG related to Environmental Justice.
5. Review measures of effectiveness regarding implementation of Title VI.
6. Facilitate surveys and other planning activities as appropriate to assist in the development of appropriate future transportation planning activities that are equitable for all residents of the region.
7. Review of PVPC.org web content to assure accessibility and full compliance.
8. Broaden and expand EJ consultation and outreach with constituents in the greater Holyoke metropolitan area.

**PRODUCTS:**

1. Community and organizational survey results.
2. Staff attendance at Environmental Justice training workshops as needed.
3. Coordination of on-going consultation meetings.

Source	Budget	Est. Staff Effort
FHWA PL (80%)	\$12,000	6 weeks
MassHighway (20% match)	\$ 3,000	2 weeks
PVRTA S.5307	\$10,000	5 weeks
FTA S.5303	<u>\$ 9,375</u>	<u>5 weeks</u>
TOTAL	\$34,375	18 weeks

Direct Labor	\$16,291
Indirect Costs	\$18,084

## 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 MassHighway and the PVPC's 43 member communities.

#### PREVIOUS WORK:

1. Regional Traffic Counting Program 1985 - 2007.
2. Traffic count library and database at PVPC.
3. Highway Performance Monitoring System (HPMS) data collection and analysis.
4. Regional Traffic Counts, 2001 – 2005.

#### PROPOSED ACTIVITIES:

1. Collect 48 hour traffic count data and GPS coordinates to assist in mapping at locations requested by MassHighway.
2. Collect HPMS data and perform analysis, as requested by MassHighway.
3. Update the PVPC traffic count library by supplementing the MassHighway count locations in the region and performing traffic counts for communities on a limited request basis.
4. Submit all traffic count data to the MassHighway 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. Perform data collection activities 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 bicycle and pedestrian volumes at pre-determined locations.
9. Continue to expand the PVPC traffic count database to include the hourly breakdown of traffic counts.
10. Develop and maintain a methodology to include PVPC's traffic count database on the agency webpage.

#### PRODUCTS:

1. Summary reports of daily traffic count information for the region.
2. Collect and document traffic counts for other UPWP tasks as needed.
3. Seasonal adjustment factors and growth rates specific to the PVPC region.
4. Regional Traffic Count Summary Report: 2003-2007.

Source	Budget	Est. Staff Effort
FHWA PL (80%)	\$27,000	14 weeks
MassHighway (20% match)	\$ 6,750	4 weeks
<b>TOTAL</b>	<b>\$33,750</b>	<b>18 weeks</b>

Direct Labor	\$15,995
Indirect Costs	\$17,755

## **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 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), TEA-21 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 MassHighway.
3. PVPC regional transit model.
4. Pioneer Valley Regional Transportation Plan – 2000 Update.
5. TransCAD network for the PVPC Regional Transportation Model calibration of 1997 base roadway inventory file.
6. Updated base PVPC Regional Transportation Model with 2000 Census Data and geography.
7. 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
8. Memorandum on quantitative and qualitative evaluation criteria for TIP projects funded under the CMAQ program.
9. Developed links with PVPC Traffic database for future calibration.
10. Position paper on the impact of converting the regional model from external stations to external zones.
11. VMT Estimates for communities of Chicopee, Holyoke and Northampton.

### **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 MassHighway.
6. Use the regional transportation model to assist in the development of future build out estimates as part of ongoing transportation planning activities.

### **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

Source	Budget	Est. Staff Effort
FHWA PL (80%)	\$45,000	24 weeks
MassHighway (20% match)	\$11,250	6 weeks
FTA S. 5303	\$ 4,375	2 weeks
PVTA S. 5307	<u>\$ 9,375</u>	<u>5 weeks</u>
TOTAL	\$70,000	37 weeks

Direct Labor	\$33,175
Indirect Costs	\$36,825

### **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 system map, preparation of individual maps and schedules, regional transit service analysis, and support to PVTA web page.
2. Acquired, revised and integrated relevant GIS spatial data/map coverages generated at local, state and federal levels into the Pioneer Valley regional archive, including: 0.5 meter color digital orthophotos, road centerlines, road names, updated municipal zoning, municipal infrastructure, land use, parcel, and protected open space 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, travel time contours, ADA transit service area, areas of regional growth, etc.
4. Updated U.S. 2000 Census Statistical Areas to the Pioneer Valley region. Revised regional digital coverage of census geography and completed production to a series of demographic thematic maps to support federally mandated Environmental Justice program.
5. Developed spatial analytical model to assess development suitability and establish smart growth strategies for the Pioneer Valley region.
6. Updated the regional bicycling map, through analyses to roadway criteria employed in the Federal Highway Administration Bicycle Suitability Analysis rating system.
7. Expanded GIS archives to support GIS State Data Library and promote access to data among Western Massachusetts users.
8. Provided Pictometry training and ongoing support for municipal officials and distributed software and data to 36 communities and water districts. Participated in selection of preferred vendor for purchase of updated statewide oblique imagery.

9. Continued support of Western Massachusetts GIS User group, and coordinated periodic training sessions and forums to promote GIS in the Pioneer Valley region.
10. Participated in statewide GIS Advisory Committee to promote GIS technology and statewide system coordination.

**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, air quality impact, critical infrastructure assessment, public works and pavement management, and transportation system planning.
3. Continue to process, archive and distribute statewide digital color orthophotography and statewide oblique imagery. Promote collaborative purchase to high-resolution oblique imagery to select areas throughout the state. Assist in 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 update analog and digital municipal spatial data on a phased basis using aerial photography, digital orthophoto quads, municipal sources, field survey, and liaison with officials. Special attention will be placed on enhancements to roadway centerline data generated from digital orthophotos and providing quality assurance to conflation of road inventory attributes.
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, homeland security and disaster planning).
7. Update centerline/road inventory and functionally classified roads.

Source	Budget	Est. Staff Effort
FHWA PL (80%)	\$46,140	25 weeks
MassHighway (20% match)	\$11,535	6 weeks
FTA S. 5303	\$ 8,750	5 weeks
PVTA S. 5307	\$ 6,250	3 weeks
FTA S. 5316	\$ 5,000	3 weeks
<b>TOTAL</b>	<b>\$77,675</b>	<b>42 weeks</b>

Direct Labor	\$36,813
Indirect Costs	\$40,862

### **Task 2.4 Information Center**

#### **OBJECTIVE:**

To serve as a regional information resource supporting regional transportation, economic development, land use, and municipal planning by gathering, developing, analyzing and maintaining data about the Pioneer Valley region. An emphasis will be placed on creating value-added information to support transportation planning activities, by analyzing and summarizing data as well as integrating related data derived from multiple sources. Providing high-quality information and research to public and private sector audiences as requested. Producing accessible publications using a wide-range of data. Exploring new options for delivery of data and information.

#### **PREVIOUS WORK:**

1. Developed population, household, and employment estimates and projections for use in the regional transportation model.
2. Expanded a comprehensive system housing Census 2000 data for Massachusetts and provided custom reporting for internal and external parties.
3. Developed a municipal indicators database that integrates data on property and property taxes, registered motor vehicles, the labor market, municipal revenues, and municipal expenses. One-page indicator reports are available for every city and town in the Pioneer Valley for every year from 1990 through 2004.
4. State of the Region/People, an annual report produced in 2000, 2001, 2002 and 2003.
5. Prepared numerous maps of block group socio-economic data from Census 2000.
6. Inventory of major employers in the region.
7. Study of employers in the region with a focus on small businesses and economic clusters.
8. Made more data available through PVPC's website, including economic indicators, population estimates, reports, and community profiles.
9. Conducted detailed fiscal and ridership analyses in support of the Pioneer Valley Transit Authority (PVTA).



**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.
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.
3. Provide research and socio-economic services to municipalities and other external stakeholders as requested.
4. Track regional indicators for incorporation into the annual update of the PVPC State of the Region report.
5. Maintain and update the Information Center’s information system that integrates demographic, economic, and municipal data. Incorporate Census 2000 journey-to-work and Public Use Microdata Samples (PUMS) into this system.
6. Operate regional economic model (IMPLAN) to support planning efforts.
7. Assist the Plan for Progress Trustees with transportation related initiatives to encourage regional economic development.
8. Continue to support efforts to update the regional transportation model with the latest population and employment data.
9. Assist in the development of population, housing, and employment estimates for future analysis years of the regional transportation model.

**PRODUCTS:**

1. Analytical and research reports on region’s demographic and economic trends.
2. Maintain information system of socio-economic and disparate data.
3. Update and improve data on Information Center website.

Source	Budget	Est. Staff Effort
FHWA PL (80%)	\$40,000	21 weeks
MassHighway (20% match)	\$10,000	6 weeks
FTA S. 5303	\$ 1,250	1 week
TOTAL	\$51,250	28 weeks

Direct Labor	\$24,289
Indirect Costs	\$26,961

**Task 2.5 Regional Congestion Management Process-Data Collection**

**OBJECTIVE:**

To continue the advancement of the Congestion Management Process (CMP) data collection in the Pioneer Valley. Travel time data will be used to identify areas of congestion and to monitor the effectiveness of congestion mitigation 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.

**PROPOSED ACTIVITIES:**

1. Collect data for CMS problem verification, studies, regional model calibration, and transportation monitoring.
2. Collect data at existing park and ride facilities in the region.

**PRODUCTS:**

1. Updated Pioneer Valley CMS Database.
2. Update to the annual CMS Summary Report.

Source	Budget	Est. Staff Effort
FHWA PL (80%)	\$ 9,600	5 weeks
MassHighway (20% match)	\$ 2,400	1 week
TOTAL	\$12,000	6 weeks

Direct Labor	\$5,687
Indirect Costs	\$6,313

**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.

**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 condition information including but not limited to ride, distress, rutting, and conditions that adversely impact surface friction.
2. Collect additional roadway information such as posted speed and shoulder width.
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. Maintain and refine the MassHighway Roadway Inventory database for the Pioneer Valley Region.
5. Work with MassHighway to try to maintain a uniqueness roadway segment identifier for the region.
6. Conduct quality control checks of inventory data and condition data.
7. Submit findings to MassHighway on a regular basis.

**PRODUCTS:**

1. Pioneer Valley regional PMS Database.
2. Community Pavement Condition Index Maps.

Source	Budget	Est. Staff Effort
FHWA PL (80%)	\$17,600	10 weeks
MassHighway (20% match)	\$ 4,400	2 weeks
TOTAL	\$22,000	12 weeks

Direct Labor	\$10,426
Indirect Costs	\$11,574

### 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 Route 10 Corridor Study - Easthampton

##### OBJECTIVE:

The goal of this project is to provide a detailed analysis of the existing and anticipated traffic demands and assess the impacts of current and planned land use along the Route 10 corridor in the Town of Easthampton. The focal points of this study include: traffic operations, safety issues, transit service efficiency, land use concerns, growth management strategies, and pedestrian and bicycle concerns throughout the study area. This study is designed to identify current and future deficiencies and to present a wide range of multi-modal conceptual solutions that could be implemented by the Town of Easthampton, the Massachusetts Highway Department (MHD), and/or the Pioneer Valley Transit Authority (PVTA). This effort will expand on the data collection activities conducted in the FY2007 UPWP.

##### PREVIOUS WORK:

1. Route 20 Corridor Study – Westfield and West Springfield
2. Boston Road Corridor Study – Springfield and Wilbraham
3. Route 10/202 Corridor Study – Southwick and Westfield

##### PROPOSED ACTIVITIES:

1. Organize a Route 10 Corridor Advisory Committee to help guide and coordinate the project activities and the public participation process.
2. Perform data collection to obtain information on existing traffic volumes, transit ridership, physical roadway conditions, and the status of existing traffic control equipment.
3. Obtain historical crash data to perform a safety analysis for the corridor.
4. Develop a build-out of future traffic conditions in consultation with the City and local Corridor Advisory Committee.
5. Analyze existing and future traffic conditions and develop recommendations to address congestion and safety concerns.
6. Develop a Draft and Final Report.

##### PRODUCTS:

1. Corridor Advisory Committee Meeting minutes
2. Draft Report
3. Final Report

Source	Budget	Est. Staff Effort
FHWA PL (80%)	\$ 39,600	21 weeks
MassHighway (20% match)	\$ 9,900	5 weeks
FTA S. 5303	\$ 6,250	3 weeks
PVTA S. 5307	\$ 3,125	2 weeks
TOTAL	\$58,875	31 weeks

Direct Labor	\$27,903
Indirect Costs	\$30,972

### **Task 3.2 Transit System Surveys and Route Implementation**

**OBJECTIVE:**

Conduct onboard/mail surveys for PVTA's routes as required by PVTA's service planning needs. The surveys are intended to provide the PVTA with a clear understanding of the ridership base as well as to create benchmarks of customer satisfaction, customer needs, and concerns.

**PREVIOUS WORK:**

1. PVTA Route B7, B43, M40, and P20 Passenger Surveys.
2. PVTA Route G19, R10, R22, and R42 Passenger Surveys.

**PROPOSED ACTIVITIES:**

1. Refine the methodology used to conduct PVTA surveys in the most efficient manner possible. Ongoing task.
2. Work with PVTA and its operator to evaluate the questions on the surveys in order to collect all necessary information.
3. Work with PVTA to survey routes in Springfield Based System. Candidate routes include: G01, G01 Express, P21, R41, and Nashawannuck Express.
4. Analyze the results of the on-board surveys to determine characteristics of average users and develop recommendations to PVTA to consider for implementation.
5. Develop a sampling methodology to use existing and planned surveys of PVTA routes to create a profile of riders in anticipation of a comprehensive operational analysis.

**PRODUCTS:**

1. Survey methodology to be carried forward to future years.
2. Onboard Passenger Surveys of the G01, G01 Express, P21, R41, and Nashawannuck Express.
3. Onboard ridership reports as required by PVTA.

Source	Budget	Est. Staff Effort
FTA S. 5303	\$ 46,875	25 weeks
PVTA S. 5307	\$ 34,375	18 weeks
FTA S. 5316	\$ 25,000	13 weeks
FTA New Freedom	\$ 15,000	8 weeks
<b>TOTAL</b>	<b>\$121,250</b>	<b>64 weeks</b>

Direct Labor	\$57,464
Indirect Costs	\$63,786

### **Task 3.3 Amherst Parking and Transit Survey**

**OBJECTIVE:**

Collect the necessary data to assess the effectiveness of existing parking and transit operations in the downtown area of Amherst. This would include an assessment of the use of the existing municipal parking garage constructed for the downtown area. Information from this survey will be used to assist the Town of Amherst in their planning efforts to develop a new intermodal transportation facility

**PREVIOUS WORK:**

1. Huntington Parking Study
2. West Springfield Parking Study
3. Ware Parking Study
4. 1999 Amherst Parking Study

**PROPOSED ACTIVITIES:**

1. Conduct a field inventory to confirm the existing parking supply.
2. Perform a parking accumulation and turnover survey at thirty minute intervals.
3. Summarize data collected as part of the survey to identify existing trends and areas where additional capacity may be required. Supplement survey data with usage data from the Amherst Parking Garage and data available from the Amherst Parking Management System.
4. Collect data to identify current transit use patterns in downtown Amherst. Transit ridership, on-time performance, and boarding and alighting data will be monitored at existing bus stops in the study area for all existing transit routes. Summarize and map as appropriate current transit and pedestrian patterns in the downtown area. Develop recommendations to improve transit flow and encourage transit ridership in the downtown area.

**PRODUCTS:**

1. Parking inventory.
2. Parking and transit surveys.
3. Draft Report.
4. Final Report.

Source	Budget	Est. Staff Effort
FHWA PL (80%)	\$ 6,520	3 weeks
MassHighway (20% match)	\$ 1,630	1 week
FTA S. 5303	\$ 6,100	3 weeks
Local Match	\$ 4,750	2 weeks
TOTAL*	\$19,000	9 weeks

Direct Labor	\$ 9,005
Indirect Costs	\$ 9,995

**Task 3.4 Regional Freight Planning**

**OBJECTIVE:**

Work with appropriate public and private partners to develop an effective, analytic, and institutional approach to freight planning. This will include developing a way to assure private sector involvement. 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. Participate in FHWA “Talking Freight” web conferences. As needed.
3. Technical support to local communities to advance improvements to existing railway infrastructure.

**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. Freight Data Digests as appropriate.

Source	Budget	Est. Staff Effort
FHWA PL (80%)	\$15,200	8 weeks
MassHighway (20% match)	\$ 3,800	2 weeks
TOTAL	\$19,000	10 weeks

Direct Labor	\$ 9,005
Indirect Costs	\$ 9,995

**Task 3.5 Regional Congestion Management Process-Project Development**

**OBJECTIVE:**

To continue the advancement of the Congestion Management Process (CMP) in the Pioneer Valley region to increase safety and maximize the mobility of persons and goods. Congested locations identified under this task will be advanced for the development of future congestion and safety studies.

**PREVIOUS WORK:**

1. Outer Belt Transportation Study - Springfield
2. CMS Annual Reports for the Pioneer Valley.
3. Assisted MassHighway with the Connecticut River Crossing Transportation Study.
4. Route 32 Study – Ware
5. Route 5 Study – Longmeadow
6. Center Street Traffic Study – Ludlow
7. Amostown and Morgan Road Traffic Study – West Springfield
8. Route 10/202 Traffic Study – Southwick
9. Florence Road Transportation Study - Northampton

**PROPOSED ACTIVITIES:**

1. Work with communities, the Pioneer Valley Transit Authority (PVTA), the MassHighway, and other appropriate agencies to develop strategies to mitigate congestion problems and increase safety through appropriate means.
2. Solicit public participation in CMP activities.
3. Perform travel time data collection for locations with recently completed improvement project. Develop an analysis methodology to compare travel times before and after the completion of transportation improvements to gage the effectiveness on decreasing congestion. Update the regional listing of congested locations as appropriate based upon changes in travel time data.
4. Work in cooperation with the University of Massachusetts to verify existing congestion problems experienced along Interstate 91 and 291 off-ramps. Conduct analysis as appropriate to develop recommendations to reduce congestion in these areas.
5. In conjunction with the update to the Granby Master Plan, PVPC will study traffic operations at three locations in the Town of Granby. The first study will focus on the intersection of West State Street (Route 202) with Pleasant Street and Amherst Street, commonly referred to as the “Five Corners.” A second intersection study is proposed for the intersection of East State Street (Route 202) with School Street. A third location will be selected as part of the Master

Plan public participation process. PVPC will collect the necessary traffic data in the vicinity of the study area, analyze existing traffic operations and proposed recommendations as appropriate to improve traffic flow and increase safety.

6. Serve as a member of the Connecticut River Crossing Study Advisory Committee to assist the Massachusetts Highway Department in its efforts to reduce congestion and improve safety at Interstate 91 Interchange 19. Collect data and perform analysis as necessary to assist in the advancement of a preferred recommendation towards construction.
7. Update the annual Congestion Management Process report for the Pioneer Valley MPO.

**PRODUCTS:**

1. Monthly status reports to MassHighway as part of the routine invoicing.
2. CMP Annual Report updates to MassHighway
3. Interstate Ramp Congestion Study
4. Granby - Route 202 Intersection Study

Source	Budget	Est. Staff Effort
FHWA PL (80%)	\$67,168	36 weeks
MassHighway (20% match)	\$16,792	9 weeks
FTA S. 5303	\$ 3,750	2 weeks
PVTA S. 5307	\$ 5,625	3 weeks
TOTAL	\$93,335	50 weeks

Direct Labor	\$44,235
Indirect Costs	\$49,100

**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.

**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. Pavement Condition work maps on federal aid eligible roadways for all PVPC communities.

**PROPOSED ACTIVITIES:**

1. Continue efforts to rejuvenate the Pavement Management Users Group (PMUG).
2. Assist interested RPAs in a demonstration of the newly adopted Pavement Management software as proposed by the PMUG.
3. Analysis of roadway segment conditions collected under Task 2.6 Regional Pavement Management–Data Collection, including the calculation of Pavement Condition Index ratings and benefit/cost ratio analyses for the communities of Hampden, Brimfield, Holland, and Longmeadow.
4. Develop a Pavement Condition Index rating for proposed projects included as part of the Transportation Improvement Program for use in the project evaluation process.
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. Monthly status reports to MassHighway.
2. Pavement condition work maps on each community's surveyed federal aid eligible roadways.
3. Regional PMS activity report.

Source	Budget	Est. Staff Effort
FHWA PL (80%)	\$17,500	10 weeks
MassHighway (20% match)	\$ 4,375	2 weeks
TOTAL	\$21,875	12 weeks

Direct Labor	\$10,367
Indirect Costs	\$11,508

**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.
2. Continued to coordinate design/engineering work for Chicopee Riverwalk, Connecticut Riverwalk in Chicopee, Holyoke Canalwalk, West Springfield Riverwalk and Agawam Bikeway Loop.
3. Established and citizen advisory committees and coordinated meetings for each of the above projects.

**PROPOSED ACTIVITIES:**

1. Coordinate meetings of the Chicopee Bikeways Advisory Committee, Agawam–West Springfield Bikeways Advisory Committee, Springfield River Walk Committee and Holyoke Canalwalk Committee, as needed. Provide meeting notices, materials, minutes 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. Assist communities in completing local Riverwalk and Canalwalk project requirements, including securing control of project right-of-way. *(Schedule: ongoing)*.
4. 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)*.
5. Develop and install signs and banners to promote use of the Riverwalk.
6. Work with community officials to develop activities to promote public use of the completed Riverwalk facilities. *Schedule: ongoing*.
7. Develop a Riverwalk Friends group to ensure broad public support network for River Walk, including bicyclists, landowners, businesses, residents. *(Schedule: ongoing)*

**PRODUCTS:**

1. Bikeways Advisory Committee meetings and activities, as needed.
2. Public support network;
3. Technical assistance to communities.
4. Installed Riverwalk signs and banners.
5. Establishment of Riverwalk Friends group.

Source	Budget	Est. Staff Effort
FHWA PL (80%)	\$ 8,000	4 weeks
MassHighway (20% match)	\$ 2,000	1 week
TOTAL	\$10,000	5 weeks

Direct Labor	\$ 4,739
Indirect Costs	\$ 5,261

**Task 3.8 Regional Safety and Planning Studies**

**OBJECTIVE:**

To provide comprehensive roadway planning services for the constituent communities of the Pioneer Valley Planning Commission. To conduct roadway planning activities and analyses for upcoming projects that are regionally significant, experience safety problems, or involve more than one community. All studies recommend short and long term improvements and place a strong emphasis on maintaining a safe and efficient regional transportation system.

**PREVIOUS WORK:**

1. Maple and High Streets Traffic Flow Study – Holyoke.
2. Feeding Hills Center Safety Study – Agawam
3. Boston and Maine Railroad Bridge Safety Study – Northampton
4. Route 141 Safety Study – Easthampton and Holyoke
5. Main Street at Jackson Street Safety Study – Holyoke
6. Interstate 291 off ramp at Shawinigan Drive Study – Chicopee
7. Brimfield Safety Study
8. North Pleasant at Fearing Street Intersection Study - Amherst

**PROPOSED ACTIVITIES:**

1. Finalize the Top 100 Crash Locations in the Pioneer Valley Report which was initiated in FY2007. Massachusetts Highway Department data was utilized to identify high crash locations in the region. The Top 100 Locations will be identified and a status report developed on

current ongoing activities to increase safety. Future safety studies will be developed as appropriate.

2. Perform a safety study along Adams Road in the Town of Williamsburg. PVPC staff will examine historical crash data and existing traffic volumes to develop recommendations to improve safety in this area.
3. Obtain CORI clearance for research purposes to obtain local crash records for the Town of Agawam at the intersection of Springfield Street, North Westfield Street (Route 187), Southwick Street (Route 57), and South Westfield Street (Route 187). Develop a collision diagram based on the most recent three years of local crash data as recommended in the Feeding Hills Center Transportation and Safety Study
4. Review and update as appropriate the 2006 MassHighway crash data for the PVPC region.
5. Assist MassHighway in their involvement with the American Association of State Highway and Transportation Officials (AASHTO) on the Strategic Highway Safety Plan to reduce highway fatalities. Work as part of the Lead State Initiative Project to examine roadway departure crash data and investigate strategies aimed at alleviating problem areas. Ongoing task.
6. Perform safety, traffic calming and truck exclusion route studies as requested by member communities. As necessary.

**PRODUCTS:**

1. Top 100 Crash Locations Final Report
2. Adams Road Safety Study
3. Feeding Hills Center Collision Diagram

Source	Budget	Est. Staff Effort
FHWA PL (80%)	\$65,000	34 weeks
MassHighway (20% match)	\$16,250	9 weeks
FTA S. 5303	\$ 6,250	3 weeks
PVTA S. 5307	\$ 3,125	2 weeks
TOTAL	\$90,625	48 weeks

Direct Labor	\$42,950
Indirect Costs	\$47,675

**Task 3.9 Intelligent Transportation Systems (ITS) - Strategic Planning**

**OBJECTIVE:**

To promote and advance the implementation of the Intelligent Transportation System Strategic Deployment Plan for the Pioneer Valley.

**PREVIOUS WORK**

1. ITS Strategic Deployment Plan for Metropolitan Springfield and Pioneer Valley Region.
2. Mohawk Trail Traveler Information System Working Committee.
3. Route 9 ATMS Steering Committee.
4. Connecticut River Crossing Study Steering Committee
5. Western Massachusetts ITS Architecture Steering Committee.
6. I-91 Corridor ITS Steering Committee.
7. PVTA ITS System Architecture and Deployment Plan.
8. PVTA Integrated Transit Management System Functional Specifications.

**PROPOSED ACTIVITIES:**

1. Assist in the advancement of the design/build construction project to install fiber optic communications and ITS infrastructure along the I-91 corridor. As needed.
2. Work with communities to incorporate the FHWA ITS National Architecture into future improvement projects. Ongoing task.
3. Serve as a member of the Steering Committee for the integration of the existing Mass Country Roads (MCR) and Regional Traffic Information Center (RTIC) projects.
4. Certify TIP project compliance with the Western Massachusetts Regional Architecture. Ongoing task as needed.
5. Assist the PVTA in implementation of their ITS Deployment Plan. Ongoing task. Meetings will be convened as necessary.
6. Assist PVTA in data collection and management for ITS related products, including databases of PVTA bus stops and transit landmarks.
7. Assist PVTA in the preparation of FTAs ITS System Engineering Review Form for all federally funded projects.
8. Assist EOT and PVTA in the update of the Western Massachusetts ITS Regional Architecture. As necessary

**PRODUCTS:**

1. Recommendations and comments as necessary as part of Steering Committee activities.
2. Technical Memoranda and reports as appropriate.
3. ITS System Engineering Review Forms

Source	Budget	Est. Staff Effort
FHWA PL (80%)	\$14,000	7 weeks
MassHighway (20% match)	\$ 3,500	2 weeks
PVTA S. 5307	\$15,000	8 weeks
TOTAL	\$32,500	17 weeks

Direct Labor	\$15,403
Indirect Costs	\$17,097

**Task 3.10 Southwick Transit Study**

**OBJECTIVE:**

Improve the efficiency of existing paratransit service in the Town of Southwick.

**PREVIOUS WORK**

1. Easthampton Transit Feasibility Study
2. Palmer Transit Feasibility Study

**PROPOSED ACTIVITIES:**

1. Work with passenger, local officials, and the Franklin Regional Transit Authority (FRTA) to identify transit needs and service patterns.
2. Perform a survey of existing passengers.
3. Develop a report on the findings of the survey and analysis to provide guidance to the Town and FRTA on ways to ensure that service meets the needs of residents.

**PRODUCTS:**

1. Passenger Survey
2. Southwick Transit Study Report

Source	Budget	Est. Staff Effort
FTA S. 5303	\$10,000	5 weeks
TOTAL	\$10,000	5 weeks

Direct Labor	\$4,739
Indirect Costs	\$5,261

### **Task 3.11 Manhan Rail Trail User Survey**

#### **OBJECTIVE:**

Perform a survey of all users of the Manhan Rail trail and develop recommendations to improve the facility as appropriate to enhance future connections and improve the overall user experience.

#### **PREVIOUS WORK:**

1. 2002 Norwottuck Rail Trail User Survey.
2. 2002 Norwottuck Rail Trail Parking Survey.
3. PVT route surveys.

#### **PROPOSED ACTIVITIES:**

1. Develop a survey questionnaire to collect information such as trip origin, trip destination, mode of travel to trail, trip purpose and frequency of use.
2. Conduct a survey of users at various stations along the trail. Data will be collected on a weekday and Saturday during the month of September.
3. Develop appropriate handouts to be distributed during the survey such as an updated map of the bike trail or trail brochure.
4. Compile all data into a summary report.

#### **PRODUCTS:**

1. User Questionnaire.
2. Survey Handouts.
3. Summary Report.

Source	Budget	Est. Staff Effort
FHWA PL (80%)	\$12,000	6 weeks
MassHighway (20% match)	\$ 3,000	2 weeks
TOTAL	\$15,000	8 weeks

Direct Labor	\$ 7,109
Indirect Costs	\$ 7,891

### **Task 3.12 Project Development Process Primer**

#### **OBJECTIVE:**

Develop a short, accurate description of the project development process to advise locally elected officials on how a project advances through the planning process to design and into construction.

#### **PREVIOUS WORK:**

1. PVPC "REGION" local cable access show.
2. "Rack N Roll" instructional video.
3. Bike Rack installation video.

#### **PROPOSED ACTIVITIES:**

1. Work with the Pioneer Valley MPO to develop a primer for local communities to provide information on how to properly advance transportation needs into viable transportation improvement projects.

2. Develop a short presentation (DVD format, web video) that could be used as a community resource to educate locally elected officials and the general public on the project development process.

**PRODUCTS:**

1. DVD / Web Video.

Source	Budget	Est. Staff Effort
FHWA PL (80%)	\$16,000	9 weeks
MassHighway (20% match)	\$ 4,000	2 weeks
TOTAL	\$20,000	11 weeks

Direct Labor	\$ 9,479
Indirect Costs	\$10,521

## **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 for the Pioneer Valley Transit Authority and its member municipalities. To conduct transit route studies, organizational and management analyses, market surveys and operational analyses as needed to improve system efficiency and respond to changes in the user market.

#### **PREVIOUS WORK:**

1. PVTA 2004, 2005, 2006 System Modifications
2. Organizational and planning support to the PVTA
3. Participation in PVTA ITS Steering committee
4. PVTA schedules
5. PVTA System Map.
6. PVTA Tripper review and development of customer information on Tripper service.
7. PVTA Fare and Cost Analysis.

#### **PROPOSED ACTIVITIES:**

1. Conduct studies of PVTA routes to identify opportunities for improved or more efficient service, including conducting and analyzing on-board surveys, developing route planning guidelines for comparisons of costs, service levels, and performance of routes, and monitoring the quality of existing and experimental transit service.
2. Review and analyze land use and development issues as they pertain to existing or future transit services and facilities, and identify new and potential trip generators, including new employment locations, retail centers, and housing developments. Assess potential improvements for bicyclist and pedestrian access to transit stops.
3. Review and analyze suggested transit service changes as requested by the PVTA member communities and staff, and by non-PVTA communities in the region. Develop short-range recommendations for consideration by the PVTA and affected communities. Assist as needed in the research and analysis of service requests submitted to the PVTA route committee.
4. Provide assistance to the PVTA on request in support of PVTA operations and management. Conduct requested cost studies, contractor performance analyses, consultant evaluations and other management studies. Assist PVTA in the system wide analysis of their operations, the market they serve and the needs of their passengers and other stakeholders.
5. Obtain and adapt relevant software for use as needed, including the development of database or GIS for specific projects, in consultation with the PVTA.
6. Participate in PVTA organized focus group meetings.
7. Assist PVTA in the research of system safety improvements. Create a procedure for PVTA and its operators to track safety incidents.
8. Continue to assist the PVTA in developing new transportation programs in response to Welfare reform initiatives, including the Access to Jobs Program and the Job Access and Reverse Commute Program.

9. Provide GIS Data development to support PVTA fixed route scheduling and information software systems.
10. Revise/update PVTA schedules twice annually for Summer and Fall service changes.
11. Ongoing support to PVTA's fixed route scheduling and information software system.
12. Assist in their efforts to redevelop the Union Station project into a new Regional Intermodal Transportation Center as well as other intermodal projects such as those proposed for Holyoke and Westfield.
13. Assist PVTA and its fixed route operators in developing a new operating plan for routes which will serve the various Intermodal Centers and major transfer points.
14. Work with PVTA, FRTA, CDOT and CRCOG to address issues studies and proposals for cross-region and cross-border services.

**PRODUCTS:**

1. Reports and memoranda describing technical assistance provided to PVTA and its member communities.
2. Summary materials furnished to PVTA in support of operations and management, including periodic management studies, consultant ratings, on-board surveys and analyses, etc.
3. Reports for a series of route ridership surveys.
4. Informational material to assist PVTA customers in using the service, including schedules, stop locations, and attraction information.
5. Digital data needed for schedule, paratransit and information software systems.
6. Assist in the implementation of new routes and services.
7. Revised PVTA schedules

Source	Budget	Est. Staff Effort
FTA S. 5303	\$ 74,404	40 weeks
PVTA S. 5307	\$ 85,625	46 weeks
FTA S. 5316	\$ 40,738	22 weeks
FTA New Freedom	\$ 32,258	17 weeks
TOTAL	\$233,025	125 weeks

Direct Labor	\$110,438
Indirect Costs	\$122,587

**Task 4.2 Paratransit Planning Assistance**

**OBJECTIVE:**

To continue to plan for the provision of special transportation services for the elderly and disabled. To provide technical assistance to the PVTA, the communities, human service agencies, private sector entities and other parties involved in meeting special transportation needs. To formulate strategies to encourage increased coordination of special services. To fulfill the planning and programming requirements of the US DOT Section 504 regulations and other planning requirements under the Americans with Disabilities Act, which became law in 1990.

**PREVIOUS WORK:**

1. Annual coordination and technical assistance to organizations seeking capital grants under FTA Section 5311 and the State Mobility Assistance Program.
2. Development of a regional disabled database.

3. Development of a searchable database to identify eligible paratransit service locations.

**PROPOSED ACTIVITIES:**

1. Assist the Pioneer Valley Transit Authority (PVTA) in continuing to plan for actions that are needed to comply with regulations promulgated under the Americans with Disabilities Act; including the evaluation of the operating policies, setting up of a public participation program, survey analysis of recent operational consolidations, and operational analysis of individual paratransit operations as needed.
2. Provide technical and administrative support to the Joint Transportation Committee on mobility issues and problems of relevance to elderly and disabled persons.
3. Provide guidance to applicants for Section 5311 and State Mobility Assistance Program awards concerning program requirements and service coordination options.
4. Provide assistance and support to PVTA in the implementation of paratransit scheduling and information software systems.
5. Continue efforts to develop and conduct an assessment of passenger satisfaction of PVTA's Paratransit service. The surveys will provide PVTA with benchmarks of customer satisfaction, quality of service, customer needs and concerns. Initial work on this task began in FY2007, but the survey is anticipated to begin in FY2008.

**PRODUCTS:**

1. Memoranda and reports concerning special transportation services as well as paratransit service studies.
2. Technical assistance to applicants for FTA Section 16(b)(2) and State Mobility Assistance Awards.
3. Deliver PVPC created digital data needed for schedule, paratransit and information software systems.
4. FY 2008 Paratransit Survey

Source	Budget	Est. Staff Effort
FTA S. 5303	\$ 9,375	5 weeks
PVTA S. 5307	\$ 6,250	3 weeks
FTA S. 5316	\$ 7,500	4 weeks
FTA New Freedom	\$ 3,000	2 weeks
TOTAL	\$26,126	14 weeks

Direct Labor	\$12,382
Indirect Costs	\$13,744

**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. Created the Valley Development Council to oversee the development of Valley Vision and to help implement its recommendations.
3. Technical assistance to implement smart growth strategies in Hadley, Easthampton, Westfield, Palmer, Chesterfield, Amherst.

**PROPOSED ACTIVITIES:**

1. Print and distribute the Valley Vision 2 text, map and tool box in CD format and hard copy format to community officials across the Pioneer Valley.
2. Complete a “Smart Growth Toolbox”, in an interactive CD-ROM and web-based format, which will include fact sheets explaining Valley Vision Strategies, model bylaws and regulations, and visualizations of strategies in practice.
3. Continue to provide staff support to the Valley Development Council, which provides input from community officials and the development community in developing and implementing Valley Vision 2.
4. Coordinate a public outreach and education campaign to increase public awareness of the problems of urban sprawl and what individuals and communities can do about it
5. Identify pilot projects to implement “smart growth” strategies from Valley Vision with communities. Work with communities to obtain commitments to work toward implementing pilot projects in the following key areas:
  - a) Commercial highway corridor development standards and controls (Route 9, Route 10/202, other corridors);
  - b) Holyoke Range upland zoning controls;
  - c) Traditional neighborhood developments;
  - d) Mixed use village centers;
  - e) Cluster or creative development bylaws;
  - f) Transfer of development rights bylaws;
  - g) Inclusionary housing bylaws;
  - h) Rural business centers or shopping center redevelopment
6. Provide continued, targeted technical assistance to communities across the Pioneer Valley on an as-needed basis to implement the above pilot projects for Valley Vision strategies. These strategies may include new local zoning bylaws and land use regulations, and policies on infrastructure improvements/extensions.

**PRODUCTS:**

1. Printing and distribution of final report - Valley Vision 2, the new Regional Land Use Plan..
2. Smart Growth Toolbox in CD-ROM format.
3. Coordination of quarterly meetings of the Valley Development Council.
4. Public outreach and education materials and campaign on urban sprawl.
5. Summary of assistance provided to communities to implement strategies from Valley Vision.

Source	Budget	Est. Staff Effort
FHWA PL (80%)	\$28,800	15 weeks
MassHighway (20% match)	\$ 7,200	4 weeks
TOTAL	\$36,000	19 weeks

Direct Labor	\$17,062
Indirect Costs	\$18,938

## **Task 4.4 Regional Bicycle and Pedestrian Planning**

### **OBJECTIVE:**

To assist area communities and local non-motorized advocacy groups to develop non-motorized facilities specified in the Bicycle and Pedestrian Plan by providing technical assistance and planning that supports these projects and activities. To implement the goals and objectives of the PVPC Regional Bicycle and Pedestrian Plan.

### **PREVIOUS WORK:**

1. Facilitate Safe Route to School initiatives in Northampton.
2. Facilitate update of regional Bike/Ped plan.
3. Staff comments on bicycle and pedestrian issues related to MEPA project submittals.
4. Bicycle Level of Service Model for Amherst, Northampton, East Longmeadow, Holyoke and Westfield.
5. Pioneer Valley Region Latent Demand Model of Bicycle Trips for Northampton, Easthampton, and Amherst.
6. Provide technical assistance to area communities to develop and/or implement programs to improve conditions for pedestrians and bicyclists.
7. Re-activation of the PVPC non-motorized transportation committee and revisited membership and participation.
8. Developed model bicycle parking bylaws.
9. Facilitated Training for Planners on Pedestrian and Bicycle Accommodations.
10. Assisted in the coordination for the Massachusetts Statewide Bicycle and Pedestrian Conference.
11. Pioneer Valley Bike Commute Week – 1996 – 2007.
12. Palmer multi-use trail feasibility study.
13. 2007 update to the Pioneer Valley Bicycle and Pedestrian Plan.

### **PROPOSED ACTIVITIES:**

1. Provide technical assistance to area communities to develop and/or implement programs to improve conditions for pedestrians and bicyclists and provide connections to existing PVTA services. Provide reference information to local communities on bicycle and pedestrian related projects and programs
2. Assist in the development and implementation of the Statewide Bicycle Plan in cooperation with EOT and MARPA.
3. Facilitate the 9<sup>th</sup> annual Pioneer Valley Bike Commute Week in collaboration with MassBike and area communities.
4. Distribute of “Enjoy the Ride by Bike” video and PSA to local media outlets and cable access channels.
5. Implement the bicycle and pedestrian-related recommendations of the Corridor 91 project to reduce greenhouse gas emissions from transportation via smart growth and promotion of alternative transportation modes and participate in year 2 project activities.
6. PVPC staff will review highway projects that significantly impact bicycle and pedestrian modes of travel, including projects identified in the Regional Bicycle and Pedestrian Plan.
7. Continue support for the activities of the Joint Transportation Committee’s Bicycle and Pedestrian subcommittee.
8. 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.

9. Collect sidewalk and crosswalk data for the Holyoke Health Coalition pedestrian assessment.
10. Coordinate the “Active Transportation” initiative with member communities and the Rails to Trails Conservancy.
11. Coordinate the location and installation of bicycle signage including “share the road” signs and bicycle network signs.
12. Staff will coordinate with the City of Springfield on the “Springfield Walks” initiative and continue to assist in the implementation of the coalition’s goals and objectives.
13. Implement the recommendations of the recently up-dated regional Bicycle and Pedestrian plan by seeking input from member communities on high priority actions.

**PRODUCTS:**

1. JTC Bicycle Advisory Committee meeting minutes and notices.
2. Norwottuck Rail Trail Advisory Committee meetings.
3. Status reports on Regional Bicycle and Pedestrian Plan efforts.
4. 9<sup>th</sup> annual Pioneer Valley Bike Commute Week.
5. Holyoke Health Coalition pedestrian assessment.

Source	Budget	Est. Staff Effort
FHWA PL (80%)	\$44,000	23 weeks
MassHighway (20% match)	\$11,000	6 weeks
TOTAL	\$55,000	29 weeks

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

**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 including publicizing means to reduce greenhouse gas emissions from transportation through smart growth and promotion of alternative modes of transportation and idling reduction initiatives at area schools.

**PREVIOUS WORK:**

1. Williamsburg Intersection Study
2. Data collection activities at the request of local communities.
3. Reviews of all MEPA documents filed in the Pioneer Valley Region.
4. Developed a brochure for the City of Northampton on transit.
5. Model sidewalk ordinances.
6. East Longmeadow Town Center Project
7. Collected volume data for the City of Northampton on the Northampton Bikepath.

**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.
7. Implement recommendations of the I-91 Corridor project to reduce greenhouse gas emissions from transportation by promoting smart growth and alternative transportation. Specifically, PVPC will pursue recommended strategies, as appropriate, with participating communities to: encourage transit oriented development; promote infill and brownfield development; mixed-use zoning or development districts; encourage carpools and car sharing programs; promote telecommuting; work with municipalities and businesses to consider increasing parking rates; streamline permitting process; promote location efficient mortgages; offer/require parking cash out programs; ensure high visibility and information on existing transit options; work with all three states along corridor to increase awareness of opportunity and create a network of TOD developments.
8. Facilitate idling reduction initiatives in three member communities.
9. Facilitate the third annual October is Clean Energy month for the Pioneer Valley in collaboration with Five Colleges, Inc. the Center for Ecological Technology and MassBike.
10. Facilitate development and implementation of the Pioneer Valley renewable energy strategic plan.

**PRODUCTS:**

1. Reports documenting the findings and recommendations of all LTAs.
2. Recommendations and comments as appropriate for the review of MEPA documents.
3. Model bylaws.
4. Idling reduction programs in three communities.
5. I-91 Corridor report.
6. "Clean Energy" month materials.
7. Pioneer Valley Renewable energy strategic plan materials.

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

Direct Labor	\$17,772
Indirect Costs	\$19,728

**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 Belchertown.
2. Agawam Local Pavement Management Report Update.

3. Local Pavement Management Study for Southwick.
4. Local Pavement Management Study for Wilbraham.
5. Pavement Management data collection training for local communities.
6. Local Pavement Management Study for Goshen.
7. Local Pavement Management Study for Hadley.

**PROPOSED ACTIVITIES:**

1. Identify additional rural, suburban, and urban communities interested in conducting pavement management programs.
2. Meet with elected officials, highway superintendents, and/or public works directors from the selected communities such as Hadley, Ludlow, Southwick, and Ware to explain the program and to coordinate activities.
3. Document the efforts undertaken and review the results with officials from the selected municipalities.
4. Conduct training sessions for local highway department personnel on the pavement management process and educate them in identification of pavement distresses and data recording techniques.
5. Monitor progress in each community to allow for updating of resource data for continuing pavement management.
6. Provide selected communities with a pavement condition map of all surveyed roadway segments.
7. Provide follow-up technical assistance to communities with pavement management programs already in place.
8. Collect GPS coordinate information for all new roadways to assist in Mapping.

**PRODUCTS:**

1. New Municipal Pavement Management Systems.
2. Updates for existing municipal pavement management plans, as requested.

Source	Budget	Est. Staff Effort
Local Funds	<u>\$6,500</u>	<u>3 weeks</u>
TOTAL	\$6,500	3 weeks

Direct Labor	\$3,080
Indirect Costs	\$3,420

**Task 4.7 Jacob's Ladder Trail Scenic Byway Project**

**OBJECTIVE:**

Implement Phase X to update the original Jacob's Ladder Trail Scenic Byway Study (now 15 years old) to assess the effectiveness of the scenic byway and advance any outstanding recommendations from the first study.

**PREVIOUS WORK:**

1. Phase I of Jacob's Ladder Trail Scenic Byway Project (Russell, Huntington, Chester, Becket, Lee), 1992-93.
2. Phase II of Jacob's Ladder Trail Scenic Byway Project (Russell, Huntington, Chester, Becket, Lee), 1993-94.
3. Phase III of Jacob's Ladder Trail Scenic Byway Project (Russell, Huntington, Chester, Becket, Lee), 1994-95.
4. Phase IV and V of Jacob's Ladder Trail Scenic Byway Project (Russell, Huntington, Chester, Becket, Lee), 1995-99.
5. Phase VI of Jacob's Ladder Trail Scenic Byway Project (Russell, Huntington, Chester, Becket, Lee), 1995-2004 created a mobile

- transportation history exhibit and illustrated brochure of the exhibit. Purchased a scenic easement at the JLT Summit Cairn, installed an interpretive sign and landscaped the cairn area.
6. Phase VII of Jacob's Ladder Trail Scenic Byway Project (Chester), 2002-2003 designed and constructed an accessible trail in Boulder Park of Chester-Blandford State Forest..
  7. Phase VI of Jacob's Ladder Trail Scenic Byway Project (Huntington), 2003, purchased scenic open space on Scenic Byway in Huntington with deed restrictions to protect land, historic site and views along the Scenic Byway.
  8. Phase VIII of Jacob's Ladder Trail Scenic Byway Project (Russell, Huntington, Chester, Becket, Lee) 2004-2005 planned and constructed a parking area in state-owned turnout to accommodate vehicles for hikers on the Appalachian Trail from the Byway; consultant produced a marketing plan for Scenic Byway as a tourist destination.
  9. Phase IX of Jacob's Ladder Trail Scenic Byway Project (Russell, Huntington, Chester, Becket, Lee), 2004-2005 planned restoration and improvements to Hampden Park in Chester; constructed spur trail and improved trailhead at Appalachian Trail in Lee and Becket; prepared a press kit for Scenic Byway.

**PROPOSED ACTIVITIES:**

The following activities began during FY 2007 and are expected to continue into FY2008.

1. Corridor Management Project II.
  - a) Consultant will assess current corridor management plan and prepare a revised ten-year plan.
  - b) Consultant will participate in implementation of current projects to evaluate organizational structure and will make recommendations for structural changes and their achievement.
  - c) The PVPC and the Berkshire Regional Planning Commission will develop a GIS database on economy, recreation, and tourism development for their respective communities.
  - d) The PVPC will prepare a new corridor management plan for distribution.

**PRODUCTS:**

1. Revised Corridor Management Plan and improved organization structure.

Source	Budget	Est. Staff Effort
FHWA Scenic Byway	\$159,200	85 weeks
MassHighway Match	<u>\$ 39,800</u>	<u>21 weeks</u>
TOTAL	\$199,000	106 weeks

Direct Labor	\$ 61,137
Indirect Costs	\$ 67,863
Consultant Cost	\$ 70,000

## **Task 4.8 Connecticut River Scenic Farm Byway Project**

### **OBJECTIVE:**

The Connecticut River Scenic Farm Byway was recently designated a state scenic byway by an act of the state legislature, and is the newest 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, minutes and staff support.
2. Prepare application and materials for federal Scenic Byway designation for the Connecticut River Scenic Farm Byway with assistance from EOT.
3. Work with Byway Area Committee and community representatives to continue to develop and prioritize scenic byway implementation projects, such as streetscape improvements, acquisition of scenic easements, signage, scenic overlooks, and similar projects.
4. Provide technical assistance to communities in byway project development, including identification of funding sources.

### **PRODUCTS:**

1. Byway Area Committee meetings and activities, as needed;
2. Application for federal Scenic Byway designation for the Connecticut River Scenic Farm Byway;
3. Prioritized listing of proposed scenic byway improvements;
4. Technical assistance to communities in securing scenic byway implementation funding.

Source	Budget	Est. Staff Effort
FHWA PL (80%)	\$2,800	1 week
MassHighway (20% match)	\$ 700	1 week
TOTAL	\$3,500	2 weeks

Direct Labor	\$1,659
Indirect Costs	\$1,841

## **Task 4.9 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 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 is year four of an anticipated four year task.

### **PREVIOUS WORK:**

1. Existing land use inventory
2. Business Survey
3. Existing Transportation Conditions Study.
4. Market Study
5. Regional Freight Study.
6. Merrick/Memorial Plan – Phase I
7. 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 MassHighway and the Town of West Springfield during the consultation selection and design process of the Union Street CSX railroad underpass. Ongoing task.
3. Work with local transportation/trucking companies to identify truck trip patterns through the study area. Spring 2008
4. Assist the Town of West Springfield in efforts to develop a series of “ONE-WAY” pairs of residential streets that run between Main Street and Union Street. Winter 2007/2008
5. Continue efforts to advance conceptual improvements to develop a truck route to Route 5 via Agawam Avenue/M Street. Ongoing task.

### **PRODUCTS:**

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

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

Direct Labor	\$ 26,066
Indirect Costs	\$ 28,934
<b>Direct Costs</b>	<b>\$120,000</b>



## Task 4.10 Route 112 Scenic Byway Corridor Project

### OBJECTIVE:

The purpose of the Route 112 Scenic Byway Corridor Project is to recognize, interpret, preserve and promote the unique scenic, cultural, archeological, natural and recreational resources of Route 112 in Hampshire and Franklin Counties through the development of a corridor management plan and accompanying public participation process. This project will be a joint venture between the PVPC and the Franklin Regional Council of Governments (FRCOG) that will be divided into two phases. This is year 2 of a 2 year study. Funding for Phase I activities has been secured, Phase II funding is pending.

### PREVIOUS WORK:

1. Route 47 Scenic Farm Byway Project
2. Developed a Regional Byway Advisory Committee.
3. Transportation data collection – Route 112.
4. Inventory of historic, cultural, natural resources and landscape.
5. Draft Route 112 Corridor maps.

### PROPOSED ACTIVITIES:

1. Continue to work with the Regional Byway Advisory Committee.
2. Coordination of policies and work products with FRCOG through inter-agency meetings.
3. Perform a technical evaluation of the transportation components of the Route 112 corridor. Evaluate traffic operations and data to identify recommendations to improve and enhance the serviceability and safety of the corridor.
4. Assess data collected during the inventory process to establish priorities for management strategies, resource and view protection strategies and for planning a roadside educational program.
5. Identify and map sites along the corridor that provide agricultural, heritage and recreational tourism attractions and support services. A marketing program will be developed to promote these resources.
6. Evaluate existing land use regulations and resource protection measures along the corridor. Develop “model” planning tools to improve existing measures for each community. Phase II task.
7. Perform an assessment of recreational links along the corridor. Recommendations will be developed to improve these links between identified resources and the Route 112 corridor. Phase II task.
8. Develop implementation strategies and preliminary cost estimates for recommendations of the Regional Corridor Management Plan. Phase II task.

### PRODUCTS:

1. Regional Byway Maps and working papers.
2. Regional Corridor Management Plan.
3. Route 112 Scenic Byway Corridor Management Plan.

Source	Budget	Est. Staff Effort
Phase I - FHWA Scenic Byway	\$ 92,462	49 weeks
Phase II - FHWA Scenic Byway	\$ 41,250	22 weeks
TOTAL	\$133,712	71 weeks

Direct Labor	\$ 38,165
Indirect Costs	\$ 42,363
Direct Costs	\$ 11,934
* Phase 1 Tasks Only	

### **Task 4.11 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

#### **PROPOSED ACTIVITIES:**

1. Undertake an inventory of all bicycle, walking and hiking trails in the 43 communities of the Pioneer Valley region.
2. For all trails not currently or accurately mapped, seek to create accurate maps, using aerial photos and GPS technology.
3. Develop a GIS-based map of all trails.
4. Develop a map narrative that encourages the public to use alternative modes of transportation.
5. Prepare a final map, print and distribute the map product.

#### **PRODUCTS:**

1. Pioneer Valley Trails Map

Source	Budget	Est. Staff Effort
FHWA PL (80%)	\$6,000	2 weeks
MassHighway (20% match)	\$1,500	1 week
TOTAL	\$7,500	3 weeks

Direct Labor	\$ 2,844
Indirect Costs	\$ 3,156
Direct Costs	\$ 1,500

## ESTIMATED COMPLETION SCHEDULE OF PLANNING ACTIVITIES

Task	Product	Anticipated Completion
1.2	FY2008 UPWP	June 2008
1.4	FY2008-20012 TIP	June 2008
1.6	Environmental Justice	Ongoing
2.1	Regional Traffic Count Report 2003-2007	May 2008
2.2	Regional Travel Demand Modeling	Ongoing
2.3	GIS, Mapping, and Graphics	Ongoing
2.4	Information Center Reports	Ongoing
2.5	CMP Data Collection	Ongoing
2.6	PMS Data Collection	Ongoing
3.1	Route 10 Corridor Study - Easthampton	June 2008
3.2	Transit Route Surveys	Ongoing
3.3	Amherst Parking and Transit Surveys	November 2007
3.4	Regional Freight Planning	Ongoing
3.5	Interstate Ramp Congestion Study	Summer 2008
3.5	CMP Annual Report	September 2008
3.5	Area Congestion Study	Summer 2008
3.5	Granby – Route 202 Intersection Study	Fall 2008
3.6	PMS Project Development	Ongoing
3.7	CT Riverwalk Sign Development	Summer 2008
3.8	Top 100 Crash Locations Final Report	November 2008
3.8	Adams Road Safety Study	January 2008
3.8	Fedding Hills Center Collision Diagram	Summer 2008
3.8	At-Grade Rail Crossings Study	Ongoing
3.9	Western Mass ITS Architecture Updates	Ongoing
3.10	Southwick Transit Study	Summer 2008
3.11	Manhan Rail Trail User Survey	December 2007
3.12	Project Development Process Primer	Fall 2008
4.1	Route Ridership Studies	Ongoing
4.1	PVTA Schedule Updates	Summer 2008 and Fall 2008
4.2	Paratransit Survey	Spring 2008
4.3	Smart Growth Toolbox	Summer 2008
4.4	Holyoke Pedestrian Assessment	Spring 2008
4.4	Bike Commute Week	Spring 2008
4.5	Local Technical Assistance	Ongoing
4.7	Jacob's Ladder Trail II Report	Fall 2008
4.9	"One Way" Pairs Study	Winter 2008
4.10	Route 112 Scenic Byway Study	Winter 2008
4.11	Regional Trail Map	Fall 2008

## **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.

### ***Connecticut River/I-91 Corridor Study***

#### **PROPOSED SCOPE**

This Passenger Rail Study will consider the options for providing improved passenger rail along the "Knowledge Corridor", which encompasses Interstate 91 along the Connecticut River, The Pioneer Valley Planning Commission in partnership with the Pioneer Valley Transit Authority will shortly begin this study contingent on the award of federal funds contained in the FFY 05 transportation bill. This study will provide long term phased implementation strategy for passenger rail service along this corridor. It is intended that this project will build on the existing planning efforts by CDOT for New Haven Hartford Springfield and support implementation of commuter rail service to Springfield. The study will primarily assess the feasibility of rail passenger service between Springfield and White River Junction, Vermont. However due to the interrelated nature of the corridor elements of this project will focus on the entire 186 mile corridor.

#### **PROPOSED ACTIVITIES**

1. Assess existing rights-of-way conditions in the corridor between the Massachusetts/Connecticut State Line and White River Junction.
2. Propose Rail service alternatives that may be implemented over time that assess and take advantage of the different travel patterns in this corridor.
3. Develop and refine ridership forecasts for preferred alternatives along the entire 186 mile corridor.
4. Develop a preliminary operating plan which provides for integration with Amtrak and freight rail carriers and that can be used to develop scalable estimates of capital and operating costs.
5. Provide recommendations for the management and governance of development and operations of passenger rail service in this unique Four State multi-jurisdictional corridor.
6. Provide infrastructure needs and operating cost estimates calculated to provide long term useful measures that can be easily updated during future planning and the incremental implementation of the service over time
7. Provide an economic impact analysis for the entire 186 mile corridor as well an assessment of innovative funding strategies which includes the applicability for federal, state and local funding.
8. Develop an actionable strategy for stakeholders to advance preferred alternative for passenger rail service in the entire corridor.

Source	Budget	Est. Staff Effort
Federal Earmark	\$750,000	100 weeks
TOTAL	\$750,000	100 weeks

**New England High Speed Rail Corridor Planning Study**

**OBJECTIVE:**

In the 2005 transportation appropriation Congress designated that the Boston – Springfield – New Haven as well as the Springfield to Albany corridors be included in the Northern New England High Speed Rail Corridor. Congress further provided funds to study the feasibility of High Speed Rail Service the Boston – Springfield - New Haven Corridor.

The funding agency the Federal Railroad Administration (FRA) convened a meeting of the different stakeholders for this project in July, 2005. This meeting provided an opportunity to present the federal requirements for the study as well as to discuss the different issues faced by rail service in the corridor, both existing and planned. At the meeting, the Pioneer Valley Planning Commission agreed to serve as the lead agency and project manger for the study. The consultant procurement process is currently underway and is expected to be completed in early FY2008.

This planning effort provides an opportunity to develop a long term master plan for Passenger Rail in Southern New England. It is the intention that this plan will explore opportunities for passenger rail service and provide a scalable, incremental plan for implementation of new or expanded services. Particular emphasis will be placed on developing an innovative funding strategy as well as looking at the economic impacts that rail service would have on affected communities. The FRA provided the stakeholders with a draft scope which provides the guidance on what is required to meet Federal High Speed Rail Planning Requirements.

Source	Budget	Est. Staff Effort
Federal Railroad Adm.	\$ 700,000	80 weeks
50% Req. Match	\$ 700,000	80 weeks
<b>TOTAL</b>	<b>\$1,400,000</b>	<b>160 weeks</b>
Phase I Estimate	\$400,000	weeks
EOT Commitment Phase 1	\$200,000	

**Route 9 Transit Study**

**OBJECTIVE:**

In the development of the Connecticut River Crossing Study for the Route 9 corridor, a number of transit recommendations were identified. This planning effort would develop an in-depth transit study for the communities of Amherst, Hadley and Northampton along the Route 9 corridor to analyze the feasibility of implementing the recommendations of the Connecticut River Crossing Study. Specifically, the services of a private consulting firm would be sought to analyze the effectiveness of the transit recommendations included as part of the Connecticut River Crossing Study and to study the feasibility of implementing recommendations such as the development of a transit signal prioritization system along the Route 9 corridor or the enhancement of existing bus stops along the corridor.

**PROPOSED ACTIVITIES**

1. Develop a project Scope of Work and Request for Proposals to solicit the services of a private consultant.
2. Establish a review committee to assist in the consultant selection process.
3. Collect the latest information on transit ridership and travel times along the Route 9 corridor.
4. Review and analyze the proposed Transit Recommendations from the Connecticut River Crossing Study. Develop a prioritized listing of alternatives for implementation.
5. Review and analyze the feasibility of implementing a Hybrid Bus Rapid Transit System for the Route 9 corridor.
6. Develop a public participation process with local officials and residents from the communities of Amherst, Hadley and Northampton to review and comment on proposed transit improvements.
7. Develop cost estimates for the implementation of preferred recommendations.
8. Work with the Pioneer Valley Transit Authority, the Massachusetts Highway Department and the communities of Amherst, Hadley and Northampton to implement the preferred recommendations.

Source	Budget	Est. Staff Effort
To Be Determined	<u>\$90,000</u>	<u>36 weeks</u>
TOTAL	\$90,000	36 weeks

# FUNDING PROFILE

	Total	FHWA 3C PL	MHD 3C Match	Local Match	FTA S. 5303	PVTA* S. 5303 Match	PVTA S. 5307 Match	FTA** S. 5316	FTA** New Freedom	FHWA Scenic Byway	TCSF Grant
<b>1.0 Management &amp; Certification of the 3C Process</b>											
1.1 Management of the 3C Process	63,750	28,000	7,000		12,000	3,000	5,000	1,250	5,000	2,500	
1.2 Unified Planning Work Program	7,500	5,000	1,250		1,000	250					
1.3 Public Participation Process	44,500	19,600	4,900		6,000	1,500	4,000	1,000	5,000	2,500	
1.3a Public Participation Process - Transportation	18,000	5,500			6,000	1,500	4,000	1,000			
1.3b Public Participation Process - Ashley Shea	19,000	19,000									
1.4 TIP Development	65,625	36,500	9,125		10,000	2,500	6,000	1,500			
1.5 Statewide Funding Proposal Assistance	6,000	2,800	700				2,000	500			
1.6 Environmental Justice	34,375	12,000	3,000		7,500	1,875	8,000	2,000			
<b>Subtotal of Section 1.0</b>	<b>221,750</b>	<b>103,900</b>	<b>25,975</b>		<b>36,500</b>	<b>9,125</b>	<b>25,000</b>	<b>6,250</b>	<b>10,000</b>	<b>5,000</b>	
<b>2.0 Technical Support &amp; Data Collection</b>											
2.1 Traffic Counting	33,750	27,000	6,750								
2.2 Regional Travel Demand Modeling/Clean Air Planning	70,000	45,000	11,250		3,500	875	7,500	1,875			
2.3 GIS, Mapping and Graphics	77,675	46,140	11,535		7,000	1,750	5,000	1,250	5,000		
2.4 Information Center	51,250	40,000	10,000		1,000	250		0			
2.5 Regional Congestion Management System - Data Collection	12,000	9,600	2,400					0			
2.6 Regional Pavement Management System - Data Collection	22,000	17,600	4,400								
<b>Subtotal of Section 2.0</b>	<b>266,675</b>	<b>185,340</b>	<b>46,335</b>		<b>11,500</b>	<b>2,875</b>	<b>12,500</b>	<b>3,125</b>	<b>5,000</b>	<b>0</b>	
<b>3.0 RTP Planning</b>											
3.1 Route 10 Corridor Study - Easthampton	58,875	39,600	9,900		5,000	1,250	2,500	625			
3.2 Transit System Surveys & Route Implementation	121,250		0		37,500	9,375	27,500	6,875	25,000	15,000	
3.3 Amherst Parking and Transit Survey	19,000	6,520	1,630	4,750	4,880	1,220					
3.4 Regional Freight Planning	19,000	15,200	3,800								
3.5 Regional Congestion Management System - Project Development	93,335	67,168	16,792		3,000	750	4,500	1,125			
3.6 Regional Pavement Management System - Project Development	21,875	17,500	4,375								
3.7 Connecticut River Walk & Bikeway Coordination	10,000	8,000	2,000								
3.8 Regional Safety and Planning Studies	90,625	65,000	16,250		5,000	1,250	2,500	625			
3.9 Intelligent Transportation Systems (ITS) - Strategic Planning	32,500	14,000	3,500				12,000	3,000			
3.10 Southwick Transit Feasibility Study	10,000				8,000	2,000	0	0			
3.11 Manhan Rail Trail User Survey	15,000	12,000	3,000	0	0	0	0	0			
3.12 Project Development Process Primer	20,000	16,000	4,000	0	0	0	0	0			
<b>Subtotal of Section 3.0</b>	<b>511,460</b>	<b>260,988</b>	<b>65,247</b>	<b>4,750</b>	<b>63,380</b>	<b>15,845</b>	<b>49,000</b>	<b>12,250</b>	<b>25,000</b>	<b>15,000</b>	<b>0</b>
<b>4.0 Ongoing Transportation Planning</b>											
4.1 Regional Transit Planning	233,025				59,523	14,881	68,500	17,125	40,738	32,258	
4.2 Paratransit Planning Assistance	26,125				7,500	1,875	5,000	1,250	7,500	3,000	
4.3 Implementing the Regional Land Use Plan	36,000	28,800	7,200								
4.4 Regional Bicycle & Pedestrian Planning	55,000	44,000	11,000								
4.5 Local Technical Assistance	37,500	30,000	7,500								
4.6 Local Pavement Management Program	6,500			6,500							
4.7 Jacob's Ladder Trail Scenic Byway Project	199,000									199,000	
4.8 Connecticut River Scenic Farm Byway Project	3,500	2,800	700								
4.9 Merrick/Memorial Neighborhood Plan Implementation	175,000										175,000
4.10 Route 112 Scenic Byway Corridor Project	92,462									92,462	
4.11 Regional Trail Map	7,500	6,000	1,500								
<b>Subtotal of Section 4.0</b>	<b>689,112</b>	<b>111,600</b>	<b>27,900</b>	<b>6,500</b>	<b>67,023</b>	<b>16,756</b>	<b>73,500</b>	<b>18,375</b>	<b>48,238</b>	<b>35,258</b>	<b>175,000</b>
<b>MHD 3C Direct Costs</b>	<b>50,000</b>	<b>40,000</b>	<b>10,000</b>								
<b>Program Sum</b>	<b>1,921,497</b>	<b>701,828</b>	<b>175,457</b>	<b>11,250</b>	<b>178,403</b>	<b>44,601</b>	<b>160,000</b>	<b>40,000</b>	<b>88,238</b>	<b>55,258</b>	<b>291,462</b>

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

\*\* FFY 2006 - 2008

## FUNDING SUMMARY

<b>Transportation Funding</b>	<b>Value</b>	<b>% of Total</b>
FHWA PL (80%)	\$ 701,828.00	31.49%
MassHighway PL (20% match)	\$ 175,457.00	7.87%
FTA Section 5307 (80%)	\$ 178,403.00	8.00%
PVTA Section 5307 (20% match)	\$ 44,601.00	2.00%
FTA Section 5303 (80%)	\$ 160,000.00	7.18%
PVTA Section 5303 (20% match)	\$ 40,000.00	1.79%
FTA/PVPC (Section 5316)	\$ 88,238.00	3.96%
FTA/PVPC (New Freedom)	\$ 55,258.00	2.48%
Local Funds (includes in-kind contributions)	\$ 11,250.00	0.50%
* FHWA Scenic Byway Funding	\$ 199,000.00	8.93%
New England High Speed Rail Corridor Study	\$ 400,000.00	17.94%
** USDOT TCSP Grants (estimated)	\$ 175,000.00	7.85%
<b>Total</b>	<b>\$ 2,229,035.00</b>	<b>100.00%</b>

<b>Other Funding</b>	<b>Value</b>	<b>% of Total</b>
MARPA Support Services	\$ 14,000.00	0.63%
EPA/DEP Water Quality Planning	\$ 42,000.00	1.88%
EPA/DWPC Urban Stormwater Management	\$ 25,000.00	1.12%
Pioneer Valley Water Quality Initiatives	\$ 30,000.00	1.34%
* HUD/CDBG Administration - 2005 and 2006 projects	\$ 705,750.00	31.63%
EPA/Local Stormwater Management Planning	\$ 24,000.00	1.08%
Route 9 Construction Mitigation Plan	\$ 29,600.00	1.33%
EOEA Planning Program/MassGIS	\$ 20,800.00	0.93%
* HUD/CDBG Administration - New Projects	\$ 282,750.00	12.67%
Housing Rehab Loan Program Management	\$ 61,000.00	2.73%
EPA/Interstate Watershed Management	\$ 61,950.00	2.78%
Local Service Contracts	\$ 75,600.00	3.39%
FY 2008 Local Assessments	\$ 72,000.00	3.23%
MHC and PVPC Historic Preservation	\$ 44,800.00	2.01%
EPA Brownfields Revolving Loan Fund Management	\$ 47,750.00	2.14%
EOEA Smart Growth Technical Assistance	\$ 60,300.00	2.70%
US/EDA Regional Economic Planning	\$ 96,000.00	4.30%
PVPC Data Center - New Projects	\$ 22,320.00	1.00%
Route 112 Scenic Byway Planning Project	\$ 40,500.00	1.81%
DHCD/Development Regional Affordable Housing Plan	\$ 74,750.00	3.35%
EOPS Homeland Security Planning/GIS Components	\$ 60,000.00	2.69%
MEMA/FEMA Natural Hazards Mitigation Planning	\$ 62,500.00	2.80%
PVTA Transit Mapping and Graphics Support	\$ 30,500.00	1.37%
Smart Growth Initiative - Valley Vision Implementation	\$ 15,000.00	0.67%
501 (C) 3 Non Profit Corporation Revenue	\$ 40,200.00	1.80%
DOE/Development of Renewal Energy Plan	\$ 45,000.00	2.02%
DHCD/MARPA Expedited Permitting Process	\$ 84,000.00	3.76%
Department of Education - Small Learning Center	\$ 55,000.00	2.46%
Miscellaneous	\$ 8,420.00	0.38%
<b>Total</b>	<b>\$ 2,231,490.00</b>	<b>100.00%</b>

\* Denotes Pass-through Funding

\*\* For the City of West Springfield

<b>Overall Funding</b>	<b>Value</b>	<b>% of Total</b>
FHWA PL (80%)	\$ 701,828.00	15.73%
MassHighway PL (20% match)	\$ 175,457.00	3.93%
FTA Section 5307 (80%)	\$ 178,403.00	4.00%
PVTA Section 5307 (20% match)	\$ 44,601.00	1.00%
FTA Section 5303 (80%)	\$ 160,000.00	3.59%
PVTA Section 5303 (20% match)	\$ 40,000.00	0.90%
FTA/PVPC (Section 5316)	\$ 88,238.00	1.98%
FTA/PVPC (New Freedom)	\$ 55,258.00	1.24%
Local Funds (includes in-kind contributions)	\$ 11,250.00	0.25%
* FHWA Scenic Byway Funding	\$ 199,000.00	4.46%
New England High Speed Rail Corridor Study	\$ 400,000.00	8.97%
** USDOT TCSP Grants	\$ 175,000.00	3.92%
MARPA Support Services	\$ 14,000.00	0.31%
EPA/DEP Water Quality Planning	\$ 42,000.00	0.94%
EPA/DWPC Urban Stormwater Management	\$ 25,000.00	0.56%
Pioneer Valley Water Quality Initiatives	\$ 30,000.00	0.67%
* HUD/CDBG Administration - 2005 and 2006 projects	\$ 705,750.00	15.82%
EPA/Local Stormwater Management Planning	\$ 24,000.00	0.54%
Route 9 Construction Mitigation Plan	\$ 29,600.00	0.66%
EOEA Planning Program/MassGIS	\$ 20,800.00	0.47%
* HUD/CDBG Administration - New Projects	\$ 282,750.00	6.34%
Housing Rehab Loan Program Management	\$ 61,000.00	1.37%
EPA/Interstate Watershed Management	\$ 61,950.00	1.39%
Local Service Contracts	\$ 75,600.00	1.69%
FY 2008 Local Assessments	\$ 72,000.00	1.61%
MHC and PVPC Historic Preservation	\$ 44,800.00	1.00%
EPA Brownfields Revolving Loan Fund Management	\$ 47,750.00	1.07%
EOEA Smart Growth Technical Assistance	\$ 60,300.00	1.35%
US/EDA Regional Economic Planning	\$ 96,000.00	2.15%
PVPC Data Center - New Projects	\$ 22,320.00	0.50%
Route 112 Scenic Byway Planning Project	\$ 40,500.00	0.91%
DHCD/Development Regional Affordable Housing Plan	\$ 74,750.00	1.68%
EOPS Homeland Security Planning/GIS Components	\$ 60,000.00	1.35%
MEMA/FEMA Natural Hazards Mitigation Planning	\$ 62,500.00	1.40%
PVTA Transit Mapping and Graphics Support	\$ 30,500.00	0.68%
Smart Growth Initiative - Valley Vision Implementation	\$ 15,000.00	0.34%
501 (C) 3 Non Profit Corporation Revenue	\$ 40,200.00	0.90%
DOE/Development of Renewal Energy Plan	\$ 45,000.00	1.01%
DHCD/MARPA Expedited Permitting Process	\$ 84,000.00	1.88%
Department of Education - Small Learning Center	\$ 55,000.00	1.23%
Miscellaneous	\$ 8,420.00	0.19%
<b>Total</b>	<b>\$ 4,460,525.00</b>	<b>100.00%</b>



## SUMMARY OF COMMENTS

Task	Comment	From
3.5 Congestion Management Process – Project Development	Add in Route 202 Intersection Study task.	Town of Granby
Staffing Report	Updated to reflect staff changes.	PVPC
JTC List	Updated District 1 member and alternate.	District 1
MPO Membership	Updated FHWA Ex-Officio member	FHWA
Page 2	Corrected language regarding PL Balance description.	FHWA
Anticipated Completion Date	Corrected anticipated completion date for Bike Commute Week	FHWA
Additional Planning Projects	Added additional language to reflect that funding for these tasks has not yet been secured.	FHWA
PL Funding	Changed funding summaries for each task to reflect the 80/20 split of PL funds.	FHWA
Funding Summary	Added in 80/20 funding splits for Federal funding categories.	FHWA

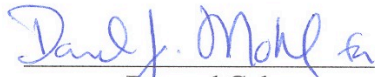
# MPO ENDORSEMENT

## 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 August 28, 2007 and discussed the following item for endorsement: The Pioneer Valley Region's Federal Fiscal Year 2008 Unified Planning Work Program (UPWP)

### Executive Office of Transportation and Construction (EOT)


I, Secretary of the Executive Office of Transportation and Construction, hereby  
 Endorse       Do Not Endorse      the above referenced item.

  
\_\_\_\_\_  
Bernard Cohen  
Secretary - EOTPW

08/28/07  
Date

### Massachusetts Highway Department (MHD)

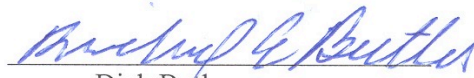
I, Commissioner of the Massachusetts Highway Department, hereby  
 Endorse       Do Not Endorse      the above referenced item.

  
\_\_\_\_\_  
Luisa Paiewonsky  
Commissioner - MHD

8/28/07  
Date

### Pioneer Valley Planning Commission (PVPC)

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

  
\_\_\_\_\_  
Dick Butler  
Vice Chair - PVPC

\_\_\_\_\_  
Date

### Pioneer Valley Transit Authority (PVTA)

I, Vice-Chair of the Pioneer Valley Transit Authority, hereby  
 Endorse       Do Not Endorse      the above referenced item.

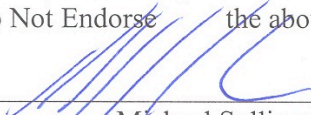
\_\_\_\_\_  
Richard Theroux  
Chair - PVTA

\_\_\_\_\_  
Date

**City of Holyoke**

I, Mayor of the City of Holyoke, hereby

Endorse  Do Not Endorse the above referenced item.

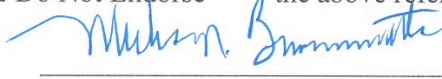
  
\_\_\_\_\_  
Michael Sullivan  
Mayor-Holyoke

8/28/07  
Date

**City of Chicopee**

I, Mayor of the City of Chicopee, hereby

Endorse  Do Not Endorse the above referenced item.

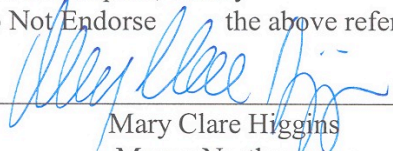
  
\_\_\_\_\_  
Michael Bissonnette  
Mayor-Chicopee

8/28/07  
Date

**City of Northampton**

I, Mayor of the City of Northampton, hereby

Endorse  Do Not Endorse the above referenced item.

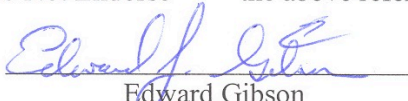
  
\_\_\_\_\_  
Mary Clare Higgins  
Mayor-Northampton

\_\_\_\_\_  
Date

**Town of West Springfield**

I, Mayor of the Town of West Springfield, hereby

Endorse  Do Not Endorse the above referenced item.

  
\_\_\_\_\_  
Edward Gibson  
Mayor-West Springfield

Aug 28, 2007  
Date

**Town of Belchertown**

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

Endorse  Do Not Endorse the above referenced item.

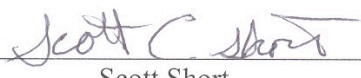
\_\_\_\_\_  
James Barry  
Selectman-Belchertown

\_\_\_\_\_  
Date

**Town of Granville**

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

Endorse  Do Not Endorse the above referenced item.

  
\_\_\_\_\_  
Scott Short  
Selectman-Granville

8/28/07  
Date