

**MONTACHUSETT
METROPOLITAN PLANNING ORGANIZATION**

Transportation Improvement Program
FFY2014 - 2017
MPO Endorsed – June 12, 2013

**Amendment #2
MPO Endorsed – April 16, 2014**



This document was prepared in accordance with 23 USC 450 by the Montachusett Regional Planning Commission with the assistance of the Federal Highway Administration in cooperation with the Massachusetts Department of Transportation, and with the assistance of the Federal Transit Administration.



MONTACHUSETT

REGIONAL PLANNING COMMISSION

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Montachusett Metropolitan Planning Organization Endorsement of Amendment #2 to the FFY 2014-2017 Transportation Improvement Program

The Montachusett Metropolitan Planning Organization (MMPO) has completed its review of Amendment #2 to the FFY 2014-2017 Transportation Improvement Program (TIP) in accordance with 23 CFR Part 450 Section 324 (Transportation Improvement Program: General) of the October 28, 1993 Final Rules for Statewide and Metropolitan Planning.

Therefore, the Committee of Signatories representing the Montachusett Metropolitan Planning Organization (MMPO) by a majority vote hereby endorses the Amendment to the Montachusett Region FFY 2014-2017 Transportation Improvement Program (TIP).

This Amendment to the FFY 2014-2017 TIP is financially constrained and consists entirely of projects that are either: A) exempt from air quality conformity determination as specified in 40 CFR Parts 51 and 93; or B) have been previously analyzed in the Montachusett Region's conforming transportation plan. The projects in the TIP are of the same design and concept that were analyzed in the Regional Transportation Plan. Therefore, no new air quality analysis is required for the TIP and its Amendment. This Amendment and TIP do not add or delete any regionally significant, non-exempt projects, nor reprogram any existing regionally significant, non-exempt projects across analysis years.

Richard A. Davey, Secretary and CEO
Massachusetts Department of Transportation

Lisa Wong, Chairman
Montachusett Regional Transit Authority

Mark Hawke, Mayor
City of Gardner

Sue Lisio, Selectmen, Town of Townsend
Representative, Sub Region 2
Jean M. Syria, Selectmen, Town of Lancaster
Representative, Sub Region 4
Victor Koivumaki, Chairman
Montachusett Regional Planning Commission

Dean Mazzarella, Mayor
City of Leominster

Stephen R. Raymond, Selectmen, Town of Athol
Representative, Sub Region 1
Paula Bertram, Selectmen, Town of Lunenburg
Representative, Sub Region 3

APRIL 16, 2014
Date

Montachusett Metropolitan Planning Organization (MMPO)
Amendment to the
FFY 2014-2017 Montachusett Transportation Improvement Program (TIP)
MPO ENDORSED: APRIL 16, 2014

Reason for Amendment: As a result of the time frame required to secure and settle all required Right-of-Way issues with the Leominster Reconstruction of Route 13 project (MassDOT #605651), this project, that was originally scheduled for advertisement in FFY 2014, will not be ready by September 30, 2014. In order to assure that target funds allocated for the Montachusett Region are in fact utilized to benefit the region, an amendment was made to the FFY 2014 Highway Element of the FFY 2014-2017 Montachusett TIP.

The following changes to the FFY 2014-2017 TIP were endorsed:

1. FFY 2014 Highway Element – Removal of Project from Section 1A Fed Aid Target

Section 1A / Federal Aid Target Projects

MassDOT Proj #	Project Description	Funding Category	Total Est Cost	Additional Information
605651	LEOMINSTER- RECONSTRUCTION ON ROUTE 13, FROM HAWES STREET TO PROSPECT STREET	STP	\$1,013,884	STP/HSIP/CMAQ; Total Cost = \$3,745,361 (as of 5/8/13); Cost est. reduced from \$6,331,111 as of 4/12/12; Construction; TEC 61 of 100; 25% Design; Cost includes utilities; AQ analysis shows positive impact.
605651	LEOMINSTER- RECONSTRUCTION ON ROUTE 13, FROM HAWES STREET TO PROSPECT STREET	HSIP	\$613,189	STP/HSIP/CMAQ; Total Cost = \$3,745,361 (as of 5/8/13); Cost est. reduced from \$6,331,111 as of 4/12/12; Construction; TEC 61 of 100; 25% Design; Cost includes utilities; AQ analysis shows positive impact.
605651	LEOMINSTER- RECONSTRUCTION ON ROUTE 13, FROM HAWES STREET TO PROSPECT STREET	CMAQ	\$2,118,288	STP/HSIP/CMAQ; Total Cost = \$3,745,361 (as of 5/8/13); Cost est. reduced from \$6,331,111 as of 4/12/12; Construction; TEC 61 of 100; 25% Design; Cost includes utilities; AQ analysis shows positive impact.

2. FFY 2014 Highway Element – Move Project from Section 1C Fed Aid Non-Target to Section 1A Fed Aid Target as a CMAQ Eligible Project and Adjust Total Cost

To:

Section 1A / Federal Aid Target Projects (as a CMAQ Eligible Target Project)

MassDOT Proj #	Project Description	Funding Category	Total Est Cost	Additional Information
604439	WINCHENDON - MULTI-USE TRAIL CONSTRUCTION (NORTH CENTRAL PATHWAY - PHASE V) INCLUDES W-39-023, W-39-024 & W-39-028	CMAQ	\$1,748,288	HPP #1798 MA 148 Earmark: Total Cost = \$1,849,594 (as of ProjectInfo 4/10/13); Construction of a shared use path from the vicinity of its intersection with North Ashburnham Rd to the vicinity of Glenallen St approx. 2.1 miles; Includes refurbishing 3 bridges over the Millers River, installation of park benches, drainage system improvements, guardrail, roadside grading, pavement markings and signs, and other incidental work. Project includes additional \$340,000 in Statewide CMAQ FFY 2014 funding. Total Project Cost = \$2,088,288. Moved from FFY 2014 Section 1C Federal Aid Non-Target Projects;

3. FFY 2014 Highway Element – Add Project to Section 1A Fed Aid Target as a CMAQ Eligible Project

Section 1A / Federal Aid Target Projects (as a CMAQ Eligible Target Project)

MassDOT Proj #	Project Description	Funding Category	Total Est Cost	Additional Information
	FITCHBURG (WACHUSETT RAIL STATION) - CONSTRUCTION OF SIDEWALK AT WACHUSETT COMMUTER RAIL STATION	CMAQ	\$370,000	Flex to MBTA; New Project Added to FFY 2014;

4. FFY 2014 Highway Element – Add Project to Section 1A Fed Aid Target from FFY 2015 Section 1A Fed Aid Target

Section 1A / Federal Aid Target Projects

MassDOT Proj #	Project Description	Funding Category	Total Est Cost	Additional Information
607436	HUBBARDSTON- RESURFACING AND RELATED WORK ON BURNSHIRT ROAD	STP	\$1,297,765	Total Cost in FFY2015 = \$1,092,000 Adjusted for YOE by 4%; Non Adjusted Total Cost = \$1,050,000 (as of 4/10/13); TEC = 9 of 100; Preliminary Design; Town has design underway; Cost Adjusted from \$1,050,000 to \$1,297,765;

5. FFY 2014 Highway Element – Add Additional Project Listing to Section 1B Fed Aid Bridge Projects

Section 1B / Federal Aid Bridge Projects

MassDOT Proj #	Project Description	Funding Category	Total Est Cost	Additional Information
605696	HUBBARDSTON- BRIDGE REHABILITATION, H-24-004, ON BURNSHIRT ROAD OVER BURNSHIRT RIVER	BR	\$512,000	Total Project Cost Adjusted from \$1,087,500; 75% design due 5/2013; Bridge Project carried under Target STP Funds for \$887,884; ADDED Project Listing to Sect 1B with BR funds of \$512,000; Total Cost STP/BR funds = \$1,399,884;

6. FFY 2014 Highway Element – Adjust Project Cost in Section 1A Fed Aid Target

Section 1A / Federal Aid Target Projects

MassDOT Proj #	Project Description	Funding Category	Total Est Cost	Additional Information
605696	HUBBARDSTON- BRIDGE REHABILITATION, H-24-004, ON BURNSHIRT ROAD OVER BURNSHIRT RIVER	STP	\$887,844	Total Project Cost Adjusted from \$1,087,500; 75% design due 5/2013; Bridge Project carried under Target STP Funds for \$887,884; ADDED Project Listing to Sect 1B with BR funds of \$512,000; Total Cost STP/BR funds = \$1,399,884;

FFY 2014-2017 Montachusett Transportation Improvement Program (TIP)
Amendment #2 Comments Received

Summary

Comment	Response
1. Comment letter from Mayor Lisa Wong on behalf of the City of Fitchburg expressing support for the reprogramming of HPP funds for the North Central Pathway Phase V Project. The letter also indicates the cities' support and desire to access the remaining HPP funds for the acquisition of the CSX right of way in order to develop the Twin City Rail Trail between Fitchburg and Leominster.	Comment noted.
2. Comment letter from Mayor Dean Mazzearella of the City of Leominster indicating support for the reprogramming of HPP funds for the North Central Pathway Phase V Project. Interest is also expressed in accessing the remaining HPP funds for the acquisition of the CSX right of way in order to develop the Twin City Rail Trail.	Comment noted.
3. Email comment from Arthur Frost of MassDOT District 3 with cost revisions and adjustments to the two Hubbardston Burnshirt Road projects (#607436 and #605696) in FFY 2014. In addition, it is recommended that an additional listing for the bridge project (#605696) be added to Section 1B Federal Aid Bridge Projects.	Comments noted and changes made to Final Amendment listing.

MassDOT Project ID ▼	MassDOT Project Description ▼	MassDOT District ▼	Funding Source ▼	Total Programmed Funds ▼	Federal ▼	Funds	Non-Federal Funds ▼	Additional Information ▼
► Section 1A / Federal Aid Target Projects								
► STP - Surface Transportation Program								
607436	HUBBARDSTON- RESURFACING AND RELATED WORK ON BURNSHIRT ROAD	3	STP	\$ 1,297,765	\$ 1,038,212		\$ 259,553	Total Cost in FFY2015 = \$1,092,000 Adjusted for YOY by 4%; Non Adjusted Total Cost = \$1,050,000 (as of 4/10/13); TEC = 9 of 100; Preliminary Design; Town has design underway; Cost Adjusted from \$1,050,000 to \$1,297,765;
605696	HUBBARDSTON- BRIDGE REHABILITATION, H-24-004, BURNSHIRT ROAD OVER WATER BURNSHIRT RIVER	3	STP	\$ 887,844	\$ 710,275		\$ 177,569	Total Project Cost Adjusted from \$1,087,500; 75% design due 5/2013; Bridge Project carried under Target STP Funds for \$887,884; ADDED Project Listing to Sect 1B with BR funds of \$512,000; Total Cost STP/BR funds = \$1,399,884;
607296	ATHOL-PHILLIPSTON - MEDIAN DELINEATOR REPLACEMENT ON ROUTE 2 FROM SOUTH ATHOL ROAD TO 1,330 FT. WEST OF STATE ROAD (6 MILES)	2	STP	\$ 700,000	\$ 560,000		\$ 140,000	Total Cost = \$700,000 (as of 4/10/13); TEC = 23 of 100; 75% Design as of 6/12/12;
606408	ATHOL- RECONSTRUCTION OF WEST ROYALSTON ROAD, FROM SILVER LAKE STREET TO THE ROYALSTON T.L.	2	STP	\$ 2,501,102	\$ 2,000,882		\$ 500,220	Total Cost = \$2,501,102 (as of 4/10/13); TEC = 23 of 100; 75% Design as of 6/12/13;
STP Subtotal ►				\$ 5,386,711	\$ 4,309,369		\$ 1,077,342	◀ 80% Federal + 20% Non-Federal

► TAP - Transportation Alternatives Program

606636	ATHOL- SCENIC BYWAY ACCESS & OVERLOOK CONSTRUCTION.	2	TAP	\$ 74,990	\$ 59,992		\$ 14,998	TAP/Statewide TE; Total Cost = \$161,490 (as of 6/12/13); TEC - Not Scored; Landscape & Roadside Development; Near PS&E as of 6/12/13; This current project consists of the demolition of exist structures (house and barn) on the property, and the installation of an information kiosk and scenic overlook including park bench, bike rack and landscaping to highlight the easterly gateway to the Mohawk Trail Scenic Byway. <i>NOTE: Previously given due consideration and review as a Transportation Enhancement (TE) eligible project through prior program guidelines. Project subsequently selected for TE program.</i>
TAP Subtotal ►				\$ 74,990	\$ 59,992		\$ 14,998	◀ 80% Federal + 20% Non-Federal

► HSIP - Highway Safety Improvement Program

HSIP Subtotal ►				\$ -	\$ -		\$ -	◀ Funding Split Varies by Project Specifications

► CMAQ - Congestion Mitigation and Air Quality Improvement Program

604439	WINCHENDON - MULTI-USE TRAIL CONSTRUCTION (NORTH CENTRAL PATHWAY - PHASE V) INCLUDES W-39-023, W-39-024 & W-39-028	2	HPP (2005)	\$ 1,748,288	\$ 1,398,630		\$ 349,658	HPP #1798 MA 148 Earmark: Total Cost = \$1,849,594 (as of ProjectInfo 4/10/13); Construction of a shared use path from the vicinity of its intersection with North Ashburnham Rd to the vicinity of Glenallen St approx. 2.1 miles; Includes refurbishing 3 bridges over the Millers River, installation of park benches, drainage system improvements, guardrail, roadside grading, pavement markings and signs, and other incidental work. Project includes additional \$340,000 in Statewide CMAQ FFY 2014 funding. Total Project Cost = \$2,088,288. Moved from FFY 2014 Section 1C Federal Aid Non-Target Projects;
	FITCHBURG (WACHUSETT RAIL STATION) - CONSTRUCTION OF SIDEWALK AT WACHUSETT COMMUTER RAIL STATION			\$ 370,000	\$ 296,000		\$ 74,000	Flex to MBTA; New Project ADDED to FFY 2014;
CMAQ Subtotal ►				\$ 2,118,288	\$ 1,694,630		\$ 423,658	◀ 80% Federal + 20% Non-Federal

► Section 1A / Fiscal Constraint Analysis

Total Federal Aid Target Funds Programmed ►	\$ 7,579,989	\$ 8,195,453	◀ Total Target	\$ 615,464	Target Funds Available
Total STP Programmed ►	\$ 5,386,711	\$ 5,388,986	◀ Max. STP	\$ 2,275	STP Available
Total TAP Programmed ►	\$ 74,990	\$ 74,990	◀ Max. TAP	\$ -	TAP Available
Total HSIP Programmed ►	\$ -	\$ 613,189	◀ Min. HSIP	\$ 613,189	HSIP Minimum Not Met
Total CMAQ Programmed ►	\$ 2,118,288	\$ 2,118,288	◀ Min. CMAQ	\$ -	CMAQ Minimum Met

► Section 1B / Federal Aid Bridge Projects

605696	HUBBARDSTON- BRIDGE REHABILITATION, H-24-004, BURNSHIRT ROAD OVER WATER BURNSHIRT RIVER	3	BR	\$ 512,000	\$ 409,600	\$ 102,400	Total Project Cost Adjusted from \$1,087,500; 75% design due 5/2013; Bridge Project carried under Target STP Funds for \$887,884; ADDED Project Listing to Sect 1B with BR funds of \$512,000; Total Cost STP/BR funds = \$1,399,884;
607114	LANCASTER - FULL BRIDGE REPLACEMENT, L-02-018, JACKSON ROAD OVER ROUTE 2.	3	Advanced Construction	\$ 4,114,608	\$ 3,291,686	\$ 822,922	AC Yr 1 of 2; Cost Est as of 4/23/13; Construction; Total Cost = \$7,576,608; Bridge Off System; \$3,432,000 programmed in FFY 2015
BR Subtotal ►				\$ 4,626,608	\$ 3,701,286	\$ 925,322	◄ 80% Federal + 20% Non-Federal

► Section 1C / Federal Aid Non-Target Projects

► Earmarks

Earmarks Subtotal ►				\$ -	\$ -	\$ -	◄ Funding Split Varies by Earmark

► Other

	No Projects Programmed			\$ -	\$ -	\$ -	
Other Subtotal ►				\$ -	\$ -	\$ -	◄ Funding Split Varies by Funding Source

► Section 1D / Federal Aid Major & State Category Projects

► IM - Interstate Maintenance

	No Projects Programmed			\$ -	\$ -	\$ -	
IM Subtotal ►				\$ -	\$ -	\$ -	◄ 90% Federal + 10% Non-Federal

► NHPP - National Highway Performance Program

	No Projects Programmed			\$ -	\$ -	\$ -	
NHPP Subtotal ►				\$ -	\$ -	\$ -	◄ 80% Federal + 20% Non-Federal

► Other

604439	WINCHENDON - MULTI-USE TRAIL CONSTRUCTION (NORTH CENTRAL PATHWAY - PHASE V) INCLUDES W-39-023, W-39-024 & W-39-028	2	CMAQ (Statewide)	\$ 340,000	\$ 272,000	\$ 68,000	CMAQ (Statewide): Total Cost = \$340,000 (as of OTP Comment Letter 6/10/13);
606636	ATHOL- SCENIC BYWAY ACCESS & OVERLOOK CONSTRUCTION.	2	TE (Statewide)	\$ 86,500	\$ 69,200	\$ 17,300	TAP/Statewide TE; Total Cost = \$161,490 (as of 6/12/13); TEC - Not Scored; Landscape & Roadside Development; Near PS&E as of 6/12/13; This current project consists of the demolition of exist structures (house and barn) on the property, and the installation of an information kiosk and scenic overlook including park bench, bike rack and landscaping to highlight the easterly gateway to the Mohawk Trail Scenic Byway. NOTE: Previously given due consideration and review as a Transportation Enhancement (TE) eligible project through prior program guidelines. Project subsequently selected for TE program.
Other Subtotal ►				\$ 426,500	\$ 341,200	\$ 85,300	◄ Funding Split Varies by Funding Source

► Section 2A / Non-Federal Projects

	No Projects Programmed			\$ -	\$ -	\$ -	
Non-Federal Projects Subtotal ►				\$ -	\$ -	\$ -	◄ 100% Non-Federal

► Section 2B / Non-Federal Bridge Projects

	No Projects Programmed			\$ -	\$ -	\$ -	
Non-Federal Bridge Projects Subtotal ►				\$ -	\$ -	\$ -	◄ 100% Non-Federal

2014 Montachusett MPO TIP Summary

	TIP Section 1:	TIP Section 2:	Total of All Projects	
Total ►	\$ 12,633,097	\$ -	\$ 12,633,097	◄ Total Spending in Region
Federal Funds ►	\$ 10,106,478	\$ -	\$ 10,106,478	◄ Total Federal Spending in Region
Non-Federal Funds ►	\$ 2,526,619	\$ -	\$ 2,526,619	◄ Total Non-Federal Spending in Region

701 CMR 7.00 Use of Road Flaggers and Police Details on Public Works Projects / 701 CMR 7.00 (the Regulation) was promulgated and became law on October 3, 2008. Under this Regulation, the CMR is applicable to any Public works Project that is performed within the limits of, or that impact traffic on, any Public Road. The Municipal Limitation referenced in this Regulation is applicable only to projects where the Municipality is the Awarding Authority. For all projects contained in the TIP, the Commonwealth is the Awarding Authority. Therefore, all projects must be considered and implemented in accordance with 701 CMR 7.00, and the Road Flagger and Police Detail Guidelines. By placing a project on the TIP, the Municipality acknowledges that 701 CMR 7.00 is applicable to its project and design and construction will be fully compliant with this Regulation. This information, and additional information relative to guidance and implementation of the Regulation can be found at the following link on the MassDOT Highway Division website: <http://www.massdot.state.ma.us/Highway/flaggers/main.aspx>