



Charles D. Baker, Governor
Karyn E. Polito, Lieutenant Governor
Stephanie Pollack, MassDOT Secretary & CEO

massDOT
Massachusetts Department of Transportation

November 10, 2016

Jeff H. McEwen
Division Administrator
Federal Highway Administration
55 Broadway – 10th floor
Cambridge, Massachusetts 02142

Dear Mr. McEwen:

On behalf of Secretary Stephanie Pollack, I am writing to request your approval of the attached regional highway action as endorsed by the Montachusett Metropolitan Planning Organization (MPO), pertaining to the Federal Fiscal Years 2017-2021 State Transportation Improvement Program:

1.01

Montachusett Amendments

November 9, 2016

This action does not require an air quality conformity determination. If you have any questions, please call me at (857) 368-8865.

Sincerely,

David J. Mohler
Executive Director
Office of Transportation Planning

cc: Steve Woelfel, Deputy Executive Director
Trey Wadsworth, Manager of MPO Activities
Bryan K. Pounds, STIP Coordinator
William Betts, FAPRO
Federal Transit Administration



U.S. Department
of Transportation
**Federal Highway
Administration**

Massachusetts Division

November 22, 2016

55 Broadway, 10th Floor
Cambridge, MA 02142
(617) 494-3657 (phone)
(617) 494-3355 (fax)
www.fhwa.dot.gov/madiv

In Reply Refer To:
HDA-MA

David J. Mohler
Executive Director
Office of Transportation Planning
Massachusetts Department of Transportation
10 Park Plaza, Room 4150
Boston, MA 02116-3969

Subject: Statewide Transportation Improvement Program Amendment

Dear Mr. Mohler:

Thank you for your letter of November 10, 2016. The Federal Highway Administration has reviewed the Fiscal Years 2017-2020 Statewide Transportation Improvement Program (STIP) actions and amendments received from the Massachusetts Department of Transportation.

Action
1.01

Organization
Montachusett Amendment

In accordance with §93.104(c)(2), a Transportation Improvement Program (TIP) amendment requires a new conformity determination for the entire TIP before the amendment is approved by the MPO or accepted by DOT, unless the amendment merely adds or deletes exempt projects as defined in §93.126 or §93.127. Because these amendments affect exempt projects only, we are making the following determinations:

- The projects in the STIP are based on a planning process that substantially meets the requirements of Title 23, U.S.C., the Federal Transit Act and Subparts A, B, and C of 23 CFR 450. The TIPs are based on a continuing, comprehensive transportation planning process carried out cooperatively by the State, the MPOs, and the transit operators.

The FY 2017-2020 STIP highway action identified above are hereby approved. Should you have any additional questions or concerns, please contact me at (617) 494-2164 or Brandon Wilcox at (617) 494-3113

Sincerely,

Kenneth S. Miller, P.E.
Assistant Division Administrator

cc: Leah Sirmin, FTA Region I
Ariel Garcia, EPA Region I

2017 Montachusett MPO Transportation Improvement Program

MPO Endorsed: November 9, 2016

Amendment/Adjustment Type ▼	MassDOT Project ID ▼	MPO ▼	Municipality Name ▼	MassDOT Project Description ▼	MassDOT District ▼	Funding Source ▼	Total Programmed Funds ▼	Federal Funds ▼	Non-Federal Funds ▼	Additional Information ▼
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► Section 1A / Federal Aid Target Projects

► HSIP - Highway Safety Improvement Program

				No Projects Programmed			\$ -	\$ -	\$ -	
				No Projects Programmed			\$ -	\$ -	\$ -	
HSIP Subtotal ►							\$ -	\$ -	\$ -	◀ 90% Federal + 10% Non-Federal

► CMAQ - Congestion Mitigation and Air Quality Improvement Program

	606124	Montachusett	Multiple	FITCHBURG- LUNENBURG- LEOMINSTER- RECONSTRUCTION OF SUMMER STREET AND NORTH STREET	3	CMAQ	\$ - 994,860	\$ - 795,888	\$ - 198,972	CMAQ/TAP: Total Cost = \$9,939,131 Non-Adjusted for YOY; Non Adjusted Total Cost = \$9,939,131 as of 6/20/16; 75% returned (12/23/14); Public Hearing 7/22/15; TEC 50 of 100; Not HSIP Eligible; Construction; AC Yr 1 of 2; AC Yr 2 Cost = \$8,823,515;
				No Projects Programmed			\$ -	\$ -	\$ -	
CMAQ Subtotal ►							\$ 994,860	\$ 795,888	\$ 198,972	◀ 80% Federal + 20% Non-Federal

► TAP - Transportation Alternatives Program

	606124	Montachusett	Multiple	FITCHBURG- LUNENBURG- LEOMINSTER- RECONSTRUCTION OF SUMMER STREET AND NORTH STREET	3	TAP	\$ 120,756	\$ 96,605	\$ 24,151	CMAQ/TAP: Total Cost = \$9,939,131 Non-Adjusted for YOY; Non Adjusted Total Cost = \$9,939,131 as of 6/20/16; 75% returned (12/23/14); Public Hearing 7/22/15; TEC 50 of 100; Not HSIP Eligible; Construction; AC Yr 1 of 2; AC Yr 2 Cost = \$8,823,515;
				No Projects Programmed			\$ -	\$ -	\$ -	
TAP Subtotal ►							\$ 120,756	\$ 96,605	\$ 24,151	◀ 80% Federal + 20% Non-Federal

► Non-CMAQ/HSIP/TAP (Other)

	607252	Montachusett	Gardner	GARDNER - RESURFACING & RELATED WORK ON MATTHEW STREET	3	STP	\$ 1,770,588	\$ 1,416,470	\$ - 354,118	100% design received; city to design; Total Cost = \$1,770,588; Not Adjusted for YOY; Non Adjusted Total Est Cost = \$1,770,588 as of 6/7/16; TEC 35 of 100; Construction;
	606435	Montachusett	Hubbardston	HUBBARDSTON- RESURFACING AND RELATED WORK ON ROUTE 68, FROM WILLIAMSVILLE ROAD TO THE RUTLAND T.L.	3	STP	\$ 3,691,750	\$ 2,953,400	\$ 738,350	75% Received 1/6/15; Total Cost = \$3,691,750 Non-Adjusted for YOY; Non Adjusted Total Cost = \$3,691,750 (as of 6/3/15); Construction; TEC 43 of 100; Possible Redistribution Fund Project in 2015; Originally FY 2018 - Moved Due to Fiscal Constraint Issues
	607321	Montachusett	Templeton	TEMPLETON - RESURFACING & RELATED WORK ON A SECTION OF ROUTE 68 FROM THE GARDNER CITY LINE TO THE END OF STATE HIGHWAY (2.0 MILES)	2	STP	\$ 1,828,965	\$ 1,463,172	\$ 365,793	75% Returned 5/26/15; Total Cost = \$1,828,965 Not Adjusted for YOY; Non Adjusted Total Cost = \$1,828,965 (as of 4/13/16); TEC 29 of 100; Construction;
	608542	Montachusett	Winchendon	WINCHENDON - RESURFACING & RELATED WORK ON ROUTE 140, FROM TEEL ROAD TO 430 FT. SOUTH OF ROUTE 12 (1.1 MILES)	2	STP	\$ 850,000	\$ 680,000	\$ 170,000	Prelim Design; 75% Ready Soon after PRC approval; MassDOT D2 to design; Total Cost = \$850,000 Not Adjusted for YOY; Non Adjusted Total Est Cost = \$850,000 as of 5/25/16; TEC TBD of 100; Construction;
Non-CMAQ/HSIP/TAP (Other) Subtotal ►							\$ 8,141,303	\$ 6,513,042	\$ 1,628,261	◀ 80% Federal + 20% Non-Federal

► Section 1A / Fiscal Constraint Analysis

Total Federal Aid Target Funds Programmed ►	\$ 9,256,919	\$ 9,256,919	◀ Total Target	\$ -	Target Funds Available
Total Non-CMAQ/HSIP/TAP (Other) Programmed ►	\$ 8,141,303	\$ 7,296,597	◀ Max. Non-CMAQ/HSIP/TAP	\$ (844,706)	Non-CMAQ/HSIP/TAP (Other) Exceeds Maximum
Total HSIP Programmed ►	\$ -	\$ 445,955	◀ Min. HSIP	\$ 445,955	HSIP Recommended Not Met
Total CMAQ Programmed ►	\$ 994,860	\$ 1,393,611	◀ Min. CMAQ	\$ 398,751	CMAQ Recommended Not Met
Total TAP Programmed ►	\$ 120,756	\$ 120,756	◀ Min. TAP	\$ -	TAP Recommended Met

Remaining HSIP, CMAQ, and TAP Funds \$ 844,706

► Section 1B / Federal Aid Bridge Projects

2017 Montachusett MPO Transportation Improvement Program

MPO Endorsed: November 9, 2016

Amendment/Adjustment Type ▼	MassDOT Project ID ▼	MPO ▼	Municipality Name ▼	MassDOT Project Description ▼	MassDOT District ▼	Funding Source ▼	Total Programmed Funds ▼	Federal Funds ▼	Non-Federal Funds ▼	Additional Information ▼
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► STATEWIDE Systematic Maintenance Program

STATEWIDE Bridge Maintenance Program Subtotal ►							\$	\$	\$	◄ 80% Federal + 20% Non-Federal

► On System

							-	-		
On System Subtotal ►							\$	\$	\$ -	◄ 80% Federal + 20% Non-Federal

► Off-System

	607529	Montachusett	Winchendon	WINCHENDON- BRIDGE REPLACEMENT, W-39-015, NORTH ROYALSTON ROAD OVER TARBELL BROOK	2	STP-BR-OFF	\$ - 2,017,260	\$ - 1,613,808	\$ 403,452	
	608250	Montachusett	Royalston	ROYALSTON- BRIDGE REPLACEMENT, R-12-001 (B35), STOCKWELL ROAD OVER LAWRENCE BROOK	2	STP-BR-OFF	\$ 862,500	\$ 690,000	\$ 172,500	
Off-System Subtotal ►							\$ 2,879,760	\$ 2,303,808	\$ 575,952	◄ 80% Federal + 20% Non-Federal

► STATEWIDE Bridge Inspection Program

STATEWIDE Bridge Inspection Program Subtotal ►							\$	\$	\$	◄ 80% Federal + 20% Non-Federal

► Section 1C / Federal Aid Non-Target Projects

► Other Federal Aid

AMENDMENT/Add Funding Source	608193	Montachusett	Multiple	FITCHBURG-LEOMINSTER- RAIL TRAIL CONSTRUCTION (TWIN CITIES RAIL TRAIL)	3	HPP	\$ 2,846,000	\$ 2,276,800	\$ 569,200	MA148, HPP No. 1789; No YOE Adjustment; Funding to acquire 3.8 miles of CSX inactive rail line in Fitchburg and Leominster for the Twin Cities Rail Trail; Non-Federal Funds Split between Cities as follows: Leominster share @72.4% = \$412,100.80; Fitchburg share @27.6% = \$157,099.20;	Partial
				No Projects Programmed			\$	\$	\$		Partial
Other Federal Aid Subtotal ►							\$ 2,846,000	\$ 2,276,800	\$ 569,200	◄ Funding Split Varies by Funding Source	

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

► Regional Major Infrastructure

Regional Major Infrastructure Subtotal ►							\$	\$	\$	◄ 80% Federal + 20% Non-Federal

► STATEWIDE Americans with Disability Act Implementation Plan

STATEWIDE ADA Implementation Plan Subtotal ►							\$	\$	\$	◄ 80% Federal + 20% Non-Federal

► STATEWIDE Congestion Mitigation and Air Quality

STATEWIDE CMAQ Subtotal ►							\$ -	\$ -	\$	◄ 80% Federal + 20% Non-Federal

► STATEWIDE HSIP Program

STATEWIDE HSIP Program Subtotal ►							\$ -	\$ -	\$	◄ 90% Federal + 10% Non-Federal

► STATEWIDE Infrastructure Program

STATEWIDE Infrastructure Program Subtotal ►							\$	\$	\$	◄ 80% Federal + 20% Non-Federal

► STATEWIDE Interstate Maintenance Program

	606575	Montachusett	Multiple	STERLING- LANCASTER- LEOMINSTER- INTERSTATE MAINTENANCE & RELATED WORK ON I-190	3	NHPP	\$ 16,695,300	\$ 15,025,770	\$ 1,669,530	
STATEWIDE Interstate Maintenance Program Subtotal ►							\$ 16,695,300	\$ 15,025,770	\$ 1,669,530	◄ 90% Federal + 10% Non-Federal

2017 Montachusett MPO Transportation Improvement Program

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► STATEWIDE Intelligent Transportation Systems

STATEWIDE ITS Subtotal ►							\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal

► STATEWIDE National Freight Program

				No Projects Programmed			\$ -	\$ -	\$ -	
				No Projects Programmed			\$ -	\$ -	\$ -	
STATEWIDE National Freight Program Subtotal ►							\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal

► STATEWIDE National Highway System Preservation Program

	607475	Montachusett	Winchendon	WINCHENDON- RESURFACING & RELATED WORK ON ROUTE 12, FROM MILL STREET/BEGINNING OF STATE HIGHWAY TO NEW HAMPSHIRE STATE LINE (2.5 MILES)	2	NHPP	\$ - 1,800,000	\$ - 1,440,000	\$ - 360,000	
STATEWIDE NHS Preservation Program Subtotal ►							\$ - 1,800,000	\$ - 1,440,000	\$ - 360,000	◀ 80% Federal + 20% Non-Federal

► STATEWIDE Planning Program

STATEWIDE Planning Program Subtotal ►							\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal

► STATEWIDE Railroad Grade Crossings

STATEWIDE RR Grade Crossings Subtotal ►							\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal

► STATEWIDE Safe Routes to Schools Program

STATEWIDE Safe Routes to Schools Program Subtotal ►							\$ -	\$ -	\$ -	◀ Funding Split Varies by Funding Source

► STATEWIDE Stormwater Retrofits

STATEWIDE Stormwater Retrofits Subtotal ►							\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal

► STATEWIDE Transportation Enhancements

				No Projects Programmed		STP-TE	\$ -	\$ -	\$ -	
STATEWIDE Transportation Enhancements Subtotal ►							\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal

► Other STATEWIDE Items

							\$ -	\$ -	\$ -	
Other STATEWIDE Items Subtotal ►							\$ -	\$ -	\$ -	◀ Funding Split Varies by Funding Source

► Section 2A / Non-Federal Projects

► Non Federal Aid

				No Projects Programmed		NFA	\$ -	\$ -	\$ -	
				No Projects Programmed		NFA	\$ -	\$ -	\$ -	
Non-Federal Aid Subtotal ►							\$ -	\$ -	\$ -	◀ 100% Non-Federal

► Section 2B / Non-Federal Bridge Projects

► Section 2B / Non-Federal Bridge Projects

				No Projects Programmed		NFA	\$ -	\$ -	\$ -	
				No Projects Programmed		NFA	\$ -	\$ -	\$ -	
Section 2B / Non-Federal Bridge Projects Subtotal ►							\$ -	\$ -	\$ -	◀ 100% Non-Federal

2017 Montachusett MPO TIP Summary

	TIP Section 1: ▼	TIP Section 2: ▼	Total of All Projects ▼	
Total ►	\$ 33,477,979	\$ -	\$ - 33,477,979	◀ Total Spending in Region
Federal Funds ►	\$ 28,451,913	\$ -	\$ 28,451,913	◀ Total Federal Spending in Region
Non-Federal Funds ►	\$ 5,026,066	\$ -	\$ 5,026,066	◀ Total Non-Federal Spending in Region

2017 Montachusett MPO Transportation Improvement Program

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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>