

2017 - 2021 Pioneer Valley Transportation Improvement Program (TIP) Proposed Amendments – January 2017

HIGHWAY AMENDMENTS

FEDERAL FISCAL YEAR 2017 Part 1A: Federal Aid Target Projects

- Increase cost of (604033) Southwick Congamound Road reconstruction \$6,549,979 to \$7,172,979 (STP)
- Increase cost of (605011) Ludlow Center Street Reconstruction from \$5,485,350 to \$5,845,350.
 - \$4,364,358 (STP) - STP increased from \$4,004,358
 - \$1,080,992 (HSIP)
 - \$400,000 (TAP)
- Remove (608126) Goshen Route 9 Resurfacing for \$4,058,137 (STP), project was funded in FFY2016 with August Redistribution.
- Add (605150) Goshen West Street Reconstruction for a total amount of \$3,800,000 (STP)
- Increase funding for (PV001) Pioneer Valley Bike Share by \$172,000 for a new total of \$1,343,971 (CMAQ)

FEDERAL FISCAL YEAR 2017 Part 1D: Federal Aid and State Category Projects

- SPRINGFIELD (607731) VIADUCT DECK REPLACEMENT OF S-24-061 ON I-91 (EARLY ACTION) – Remove Project from FFY 2017 (\$9,000,000) Section 1D; August Redistribution.

FEDERAL FISCAL YEAR 2018 Part 1A: Federal Aid Target Projects

- Remove (608253) Palmer Route 67 Resurfacing for a total of \$3,138,441 (STP). Project was funded in FFY 2016 August Redistribution.

TRANSIT ADJUSTMENTS

FEDERAL FISCAL YEAR 2017 Section 5307

- Westfield – Intermodal Terminal – Move \$165,569 in funding from Local Funds to State Funds. Total funds remain unchanged \$827,843

FEDERAL FISCAL YEAR 2017 Section 5339

- Westfield – Intermodal Terminal – Reduce local funds from \$840,000 to \$674,431 and move to State Funds for a State Funds total of \$1,033,162. New Total funds available is reduced from \$1,971,379 \$1,805,810

STP = Surface Transportation Program

CMAQ = Congestion Mitigation Air Quality

HSIP = Highway Safety Improvement Program

SW = Statewide

SRS = Safe Routes to School

2017 Pioneer Valley Region MPO Transportation Improvement

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

	605011	Pioneer Valley	Ludlow	LUDLOW- RECONSTRUCTION OF CENTER STREET (ROUTE 21), FROM 35' WEST OF BEACHSIDE DRIVE WESTERLY TO GAS LINE BESIDE MTA OVERPASS (3,500 FEET)	2	HSIP	\$ 1,080,992	\$ 972,893	\$ 108,099	40 TEC, 25% (YOE \$5,485,350) STP, HSIP
							\$ -	\$ -	\$ -	
HSIP Subtotal ►							\$ 1,080,992	\$ 972,893	\$ 108,099	◀ 90% Federal + 10% Non-Federal

► CMAQ - Congestion Mitigation and Air Quality Improvement Program

AMENDMENT: Increase Cost	PV001	Pioneer Valley	Multiple	PIONEER VALLEY REGIONAL BICYCLE SHARE (PHASE 1)	2	CMAQ	\$ 1,343,971	\$ 1,075,177	\$ 268,794	46.5 TEC Score Regional Project CMAQ Increase cost from \$1,171,971
	606903	Pioneer Valley	Holyoke	HOLYOKE- IMPROVEMENTS TO LOWER WESTFIELD ROAD ON I-91 (INTERCHANGE 15)	2	CMAQ	\$ 1,700,004	\$ 1,360,003	\$ 340,001	38.5 TEC Pre 25% (YOE \$1,700,004) STP
CMAQ Subtotal ►							\$ 3,043,975	\$ 2,435,180	\$ 608,795	◀ 80% Federal + 20% Non-Federal

► TAP - Transportation Alternatives Program

	608023	Pioneer Valley	Multiple	AMHERST- HADLEY- SIDEWALK & WHEELCHAIR RAMP CONSTRUCTION ON ROUTE 9	2	TAP	\$ 850,000	\$ 680,000	\$ 170,000	13.5 TEC PSE (YOE \$1,204,050) STP, TAP, Amherst and Hadley
	605011	Pioneer Valley	Ludlow	LUDLOW- RECONSTRUCTION OF CENTER STREET (ROUTE 21), FROM 35' WEST OF BEACHSIDE DRIVE WESTERLY TO GAS LINE BESIDE MTA OVERPASS	2	TAP	\$ 400,000	\$ 320,000	\$ 80,000	40 TEC, 25% (YOE \$5,485,350) STP, HSIP, TAP, Ludlow
TAP Subtotal ►							\$ 1,250,000	\$ 1,000,000	\$ 250,000	◀ 80% Federal + 20% Non-Federal

► Non-CMAQ/HSIP/TAP (Other)

	608023	Pioneer Valley	Amherst	AMHERST- HADLEY- SIDEWALK & WHEELCHAIR RAMP CONSTRUCTION ON ROUTE 9	2	STP	\$ 354,050	\$ 283,240	\$ 70,810	13.5 TEC PSE (YOE \$1,204,050) STP, TAP 75% Waiting on 75% desing, may have cost increase
ADJUSTMENT: Increase Cost	604033	Pioneer Valley	Southwick	SOUTHWICK- RECONSTRUCTION CONGAMOND ROAD (ROUTE 168), FROM COLLEGE HIGHWAY & ENDS 250 FEET SHORT OF STATE LINE (1.2 MILES)	2	STP	\$ 7,172,979	\$ 5,738,383	\$ 1,434,596	49.5 TEC Score 25% (YOE \$7,172,979) STP Cost Increase from \$6,549,979
AMENDMENT: Remove Project	608126	Pioneer Valley	Goshen	GOSHEN- RESURFACING AND RELATED WORK ON ROUTE 9, FROM CUMMINGTON T.L. TO ROUTE 112 (CAPE STREET)	1	STP	\$ -	\$ -	\$ -	13 TEC 25% (YOE \$ 4,190,709) STP Funded with redistribution funds \$4,058,137
ADJUSTMENT: Increase Cost	605011	Pioneer Valley	Ludlow	LUDLOW- RECONSTRUCTION OF CENTER STREET (ROUTE 21), FROM 35' WEST OF BEACHSIDE DRIVE WESTERLY TO GAS LINE BESIDE MTA OVERPASS (3,500 FEET)	2	STP	\$ 4,364,358	\$ 3,491,486	\$ 872,872	40 TEC, 25% (YOE \$5,845,350) STP, HSIP, TAP Cost Increase from \$5,485,350 (STP Increase from \$4,004,358)
AMENDMENT: Add Project	605150	Pioneer Valley	Goshen	GOSHEN- RESURFACING & RELATED WORK ON WEST STREET	1	STP	\$ 3,800,000	\$ 3,040,000	\$ 760,000	(YOE \$3,800,000) 25% Design Public hearing 9/19/16
Non-CMAQ/HSIP/TAP (Other) Subtotal ►							\$ 15,691,387	\$ 12,553,110	\$ 3,138,277	◀ 80% Federal + 20% Non-Federal

2017 Pioneer Valley Region MPO Transportation Improvement

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 / Fiscal Constraint Analysis

Total Federal Aid Target Funds Programmed ►	\$ 21,066,354	\$ 22,438,689	◀ Total Target	\$ 1,372,335	Target Funds Available
Total Non-CMAQ/HSIP/TAP (Other) Programmed ►	\$ 15,691,387	\$ 16,729,598	◀ Max. Non-CMAQ/HSIP/TAP	\$ 1,038,211	Non-CMAQ/HSIP/TAP (Other) Available
Total HSIP Programmed ►	\$ 1,080,992	\$ 1,080,992	◀ Min. HSIP	\$ -	HSIP Recommended Met
Total CMAQ Programmed ►	\$ 3,043,975	\$ 3,378,100	◀ Min. CMAQ	\$ 334,125	CMAQ Recommended Not Met
Total TAP Programmed ►	\$ 1,250,000	\$ 1,250,000	◀ Min. TAP	\$ -	TAP Recommended Met

Remaining HSIP, CMAQ, and TAP Funds \$ 334,125

► Section 1B / Federal Aid Bridge Projects

► Statewide Systematic Maintenance Program

				No Projects Programmed			\$ -	\$ -	\$ -	
				No Projects Programmed			\$ -	\$ -	\$ -	
Statewide Bridge Maintenance Program Subtotal ►							\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal

► On System

	605384	Pioneer Valley	Agawam	AGAWAM- WEST SPRINGFIELD- BRIDGE REPLACEMENT, A-05-002=W-21-014, ROUTE 147 OVER THE WESTFIELD RIVER & INTERSECTION & SIGNAL IMPROVEMENTS @ 3 LOCATIONS	2	NHPP	\$ 23,173,893	\$ 18,539,114	\$ 4,634,779	\$23,173,893 5M Bridge, 16M STP - STATEWIDE Infrastructure. OK.
On System Subtotal ►							\$ 23,173,893	\$ 18,539,114	\$ 4,634,779	◀ 80% Federal + 20% Non-Federal

► Off-System

	607528	Pioneer Valley	Amherst	AMHERST- BRIDGE REPLACEMENT, A-08-008, MILL STREET OVER MILL RIVER	2	STP-BR-OFF	\$ 2,075,400	\$ 1,660,320	\$ 415,080	
	607549	Pioneer Valley	Chesterfield	CHESTERFIELD- BRIDGE REPLACEMENT, C-12-009, IRELAND STREET OVER WEST BRANCH BRONSON BROOK	1	STP-BR-OFF	\$ 3,341,040	\$ 2,672,832	\$ 668,208	
Off-System Subtotal ►							\$ 5,416,440	\$ 4,333,152	\$ 1,083,288	◀ 80% Federal + 20% Non-Federal

► Statewide Bridge Inspection Program

				No Projects Programmed			\$ -	\$ -	\$ -	
				No Projects Programmed			\$ -	\$ -	\$ -	
Statewide Bridge Inspection Program Subtotal ►							\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal

► Section 1C / Federal Aid Non-Target Projects

► Other Federal Aid

				No Projects Programmed			\$ -	\$ -	\$ -	
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2017 Pioneer Valley Region MPO Transportation Improvement

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 ▼
				No Projects Programmed			\$ -	\$ -	\$ -	
Other Federal Aid Subtotal ▶							\$ -	\$ -	\$ -	◀ Funding Split Varies by Funding Source

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

▶ Regional Major Infrastructure

AMENDMENT: Remove Project	607731	Pioneer Valley	Springfield	SPRINGFIELD- VIADUCT DECK REPLACEMENT OF S-24-061 ON I-91 (EARLY ACTION)	2	NHPP	\$ -	\$ -	\$ -	AC Yr 4 of 4. Total Cost = \$183M. Was listed for \$9,000,000 with August Redistribution.
							\$ -	\$ -	\$ -	
Regional Major Infrastructure Subtotal ▶							\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal

▶ Statewide Americans with Disability Act Implementation Plan

				No Projects Programmed			\$ -	\$ -	\$ -	
				No Projects Programmed			\$ -	\$ -	\$ -	
Statewide ADA Implementation Plan Subtotal ▶							\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal

▶ Statewide Congestion Mitigation and Air Quality

				No Projects Programmed			\$ -	\$ -	\$ -	
				No Projects Programmed			\$ -	\$ -	\$ -	
Statewide CMAQ Subtotal ▶							\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal

▶ Statewide HSIP Program

				No Projects Programmed			\$ -	\$ -	\$ -	
				No Projects Programmed			\$ -	\$ -	\$ -	
Statewide HSIP Program Subtotal ▶							\$ -	\$ -	\$ -	◀ 90% Federal + 10% Non-Federal

▶ Statewide Infrastructure Program

				No Projects Programmed			\$ -	\$ -	\$ -	
				No Projects Programmed			\$ -	\$ -	\$ -	
Statewide Infrastructure Program Subtotal ▶							\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal

▶ Statewide Interstate Maintenance Program

	608211	Pioneer Valley	Multiple	CHICOPEE- SPRINGFIELD- INTERSTATE MAINTENANCE & RELATED WORK ON I-291	2	NHPP	\$ 4,118,400	\$ 3,706,560	\$ 411,840	Advertised 12/31/16 Letting 7/18/17
							\$ -	\$ -	\$ -	
Statewide Interstate Maintenance Program Subtotal ▶							\$ 4,118,400	\$ 3,706,560	\$ 411,840	◀ 90% Federal + 10% Non-Federal

▶ Statewide Intelligent Transportation Systems

				No Projects Programmed			\$ -	\$ -	\$ -	
				No Projects Programmed			\$ -	\$ -	\$ -	
Statewide ITS Subtotal ▶							\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal

2017 Pioneer Valley Region MPO Transportation Improvement

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 ▼
► 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										
				No Projects Programmed			\$ -	\$ -	\$ -	
				No Projects Programmed			\$ -	\$ -	\$ -	
Statewide NHS Preservation Program Subtotal ►							\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal
► Statewide Planning Program										
				No Projects Programmed			\$ -	\$ -	\$ -	
				No Projects Programmed			\$ -	\$ -	\$ -	
Statewide Planning Program Subtotal ►							\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal
► Statewide Railroad Grade Crossings										
				No Projects Programmed			\$ -	\$ -	\$ -	
				No Projects Programmed			\$ -	\$ -	\$ -	
Statewide RR Grade Crossings Subtotal ►							\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal
► Statewide Safe Routes to Schools Program										
				No Projects Programmed			\$ -	\$ -	\$ -	
				No Projects Programmed			\$ -	\$ -	\$ -	
Statewide Safe Routes to Schools Program Subtotal ►							\$ -	\$ -	\$ -	◀ Funding Split Varies by Funding Source
► Statewide Stormwater Retrofits										
	608192	Pioneer Valley	Multiple	AGAWAM- CHICOPEE- HOLYOKE- WEST SPRINGFIELD- STORMWATER IMPROVEMENTS ALONG I-91, I-391, ROUTE 57 AND ROUTE 5	2	STP-TE	\$ 1,276,062	\$ 1,020,850	\$ 255,212	
							\$ -	\$ -	\$ -	
Statewide Stormwater Retrofits Subtotal ►							\$ 1,276,062	\$ 1,020,850	\$ 255,212	◀ 80% Federal + 20% Non-Federal
► Statewide Transportation Enhancements										
				No Projects Programmed			\$ -	\$ -	\$ -	
				No Projects Programmed			\$ -	\$ -	\$ -	
Statewide Transportation Enhancements Subtotal ►							\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal
► Other Statewide Items										
				ABP GANS Repayment			\$ -	\$ -	\$ -	
				Award Adjustments, Change Orders, Project Value Changes, Etc.			\$ -	\$ -	\$ -	
				DBEs, FAPO, Pavement Lab Retrofits, and Misc. Programs			\$ -	\$ -	\$ -	

2017 Pioneer Valley Region MPO Transportation Improvement

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				Planning			\$ -	\$ -	\$ -	
				Statewide Design and Right of Way			\$ -	\$ -	\$ -	
				Statewide Recreational Trails			\$ -	\$ -	\$ -	
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 Pioneer Valley Region MPO TIP Summary

	TIP Section 1: ▼	TIP Section 2: ▼	Total of All Projects ▼	
Total ▶	\$ 55,051,149	\$ -	\$ 55,051,149	◀ Total Spending in Region
Federal Funds ▶	\$ 44,560,858	\$ -	\$ 44,560,858	◀ Total Federal Spending in Region
Non-Federal Funds ▶	\$ 10,490,291	\$ -	\$ 10,490,291	◀ 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>

2018 Pioneer Valley Region MPO Transportation Improvement

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

	604203	Pioneer Valley	Agawam	AGAWAM- INTERSECTION IMPROVEMENTS AT ROUTE 187 & ROUTE 57	2	HSIP	\$ 1,080,992	\$ 972,893	\$ 108,099	58 TEC, Pre 25% (YOE \$2,288,000) HSIP, STP
							\$ -	\$ -	\$ -	
HSIP Subtotal ►							\$ 1,080,992	\$ 972,893	\$ 108,099	◀ 90% Federal + 10% Non-Federal

► CMAQ - Congestion Mitigation and Air Quality Improvement Program

	604597	Pioneer Valley	Northampton	NORTHAMPTON- IMPROVEMENTS ON I-91 INTERCHANGE 19 AT ROUTE 9 AND DAMON ROAD	2	CMAQ	\$ 2,702,480	\$ 2,161,984	\$ 540,496	63 TEC 25% (YOE \$5,742,322) STP, TAP, CMAQ
							\$ -	\$ -	\$ -	
CMAQ Subtotal ►							\$ 2,702,480	\$ 2,161,984	\$ 540,496	◀ 80% Federal + 20% Non-Federal

► TAP - Transportation Alternatives Program

	604597	Pioneer Valley	Northampton	NORTHAMPTON- IMPROVEMENTS ON I-91 INTERCHANGE 19 AT ROUTE 9 AND DAMON ROAD	2	TAP	\$ 540,000	\$ 432,000	\$ 108,000	63 TEC 25% (YOE \$5,742,322) STP, TAP, Northampton
							\$ -	\$ -	\$ -	
TAP Subtotal ►							\$ 540,000	\$ 432,000	\$ 108,000	◀ 80% Federal + 20% Non-Federal

► Non-CMAQ/HSIP/TAP (Other)

	603449	Pioneer Valley	Westfield	WESTFIELD- ROUTE 20 ACCESS IMPROVEMENTS ON COURT STREET & WESTERN AVENUE, FROM LLEWELLYN DRIVE EASTERLY TO LLOYDS HILL ROAD (PHASE I)	2	STP	\$ 2,488,312	\$ 1,990,650	\$ 497,662	57.5 TEC, 25% Design, (HPP-4287 \$2,503,688 Total with Match) (YOE \$4,992,000) HPP, STP
	604738	Pioneer Valley	Southampton	SOUTHAMPTON- RECONSTRUCTION OF GLENDALE ROAD (PHASE II) FROM COLLEGE HIGHWAY (RT 10) NORTHWESTERLY TO POMEROY MEADOW RD (3,801 FEET)	2	STP	\$ 2,386,800	\$ 1,909,440	\$ 477,360	18.8 TEC Score 75% (YOE \$2,386,800) STP
	604597	Pioneer Valley	Northampton	NORTHAMPTON- IMPROVEMENTS ON I-91 INTERCHANGE 19 AT ROUTE 9 AND DAMON ROAD	2	STP	\$ 2,499,842	\$ 1,999,874	\$ 499,968	63 TEC 25% (YOE \$5,742,322) STP, TAP, CMAQ
	608236	Pioneer Valley	Northampton	NORTHAMPTON- RECONSTRUCTION OF DAMON ROAD, FROM ROUTE 9 TO ROUTE 5, INCLUDES DRAINAGE SYSTEM REPAIRS & SLOPE STABILIZATION AT THE NORWOTTUCK RAIL TRAIL	2	STP	\$ 5,400,620	\$ 4,320,496	\$ 1,080,124	64.5 TEC 25% (YOE \$5,400,620) CMAQ
	604203	Pioneer Valley	Agawam	AGAWAM- INTERSECTION IMPROVEMENTS AT ROUTE 187 & ROUTE 57	2	STP	\$ 1,207,008	\$ 965,606	\$ 241,402	58 TEC, Pre 25% (YOE \$2,288,000) HSIP, STP
AMENDMENT: Remove Project	608253	Pioneer Valley	Palmer	PALMER- RESURFACING AND RELATED WORK ON ROUTE 67, FROM 0.3 MILES EAST OF ROUTE 20 TO THE WARREN T.L. (5 MILES)	2	STP		\$ -	\$ -	15.5 TEC 0% (YOE \$3,138,441) STP Funded with redistribution funds \$3,664,167
Non-CMAQ/HSIP/TAP (Other) Subtotal ►							\$ 13,982,582	\$ 11,186,066	\$ 2,796,516	◀ 80% Federal + 20% Non-Federal

2018 Pioneer Valley Region MPO Transportation Improvement

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 / Fiscal Constraint Analysis

Total Federal Aid Target Funds Programmed ►	\$ 18,306,054	\$ 22,303,483	◀ Total Target	\$ 3,997,429	Target Funds Available
Total Non-CMAQ/HSIP/TAP (Other) Programmed ►	\$ 13,982,582	\$ 17,980,011	◀ Max. Non-CMAQ/HSIP/TAP	\$ 3,997,429	Non-CMAQ/HSIP/TAP (Other) Available
Total HSIP Programmed ►	\$ 1,080,992	\$ 1,080,992	◀ Min. HSIP	\$ -	HSIP Recommended Met
Total CMAQ Programmed ►	\$ 2,702,480	\$ 2,702,480	◀ Min. CMAQ	\$ -	CMAQ Recommended Met
Total TAP Programmed ►	\$ 540,000	\$ 540,000	◀ Min. TAP	\$ -	TAP Recommended Met

Remaining HSIP, CMAQ, and TAP Funds \$ -

► Section 1B / Federal Aid Bridge Projects

► Statewide Systematic Maintenance Program

	607939	Pioneer Valley	Cummington	CUMMINGTON- BRIDGE MAINTENANCE, C-21-025, ROUTE 9 OVER THE WESTFIELD RIVER	1	NHPP	\$ 312,000	\$ 249,600	\$ 62,400	
							\$ -	\$ -	\$ -	
Statewide Bridge Maintenance Program Subtotal ►							\$ 312,000	\$ 249,600	\$ 62,400	◀ 80% Federal + 20% Non-Federal

► On System

	600936	Pioneer Valley	Holyoke	HOLYOKE- BRIDGE REPLACEMENT, H-21-018, LYMAN STREET OVER FIRST LEVEL CANAL	2	NHPP	\$ 12,233,107	\$ 9,786,486	\$ 2,446,621	
							\$ -	\$ -	\$ -	
On System Subtotal ►							\$ 12,233,107	\$ 9,786,486	\$ 2,446,621	◀ 80% Federal + 20% Non-Federal

► Off-System

				No Projects Programmed			\$ -	\$ -	\$ -	
				No Projects Programmed			\$ -	\$ -	\$ -	
Off-System Subtotal ►							\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal

► Statewide Bridge Inspection Program

				No Projects Programmed			\$ -	\$ -	\$ -	
				No Projects Programmed			\$ -	\$ -	\$ -	
Statewide Bridge Inspection Program Subtotal ►							\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal

► Section 1C / Federal Aid Non-Target Projects

► Other Federal Aid

	603449	Pioneer Valley	Westfield	WESTFIELD- ROUTE 20 ACCESS IMPROVEMENTS ON COURT STREET & WESTERN AVENUE, FROM LLEWELLYN DRIVE EASTERLY TO LLOYDS HILL ROAD (PHASE I)	2	HPP	\$ 2,503,688	\$ 2,002,950	\$ 500,738	57.5 TEC, 25% Design, (HPP-4287 \$2,503,688 Total with Match) (YOE \$4,992,000) HPP, STP
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2018 Pioneer Valley Region MPO Transportation Improvement

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 ▼
							\$ -	\$ -	\$ -	
Other Federal Aid Subtotal ►							\$ 2,503,688	\$ 2,002,950	\$ 500,738	◀ Funding Split Varies by Funding Source

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

► Regional Major Infrastructure

				No Projects Programmed			\$ -	\$ -	\$ -	
				No Projects Programmed			\$ -	\$ -	\$ -	
Regional Major Infrastructure Subtotal ►							\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal

► Statewide Americans with Disability Act Implementation Plan

				No Projects Programmed			\$ -	\$ -	\$ -	
				No Projects Programmed			\$ -	\$ -	\$ -	
Statewide ADA Implementation Plan Subtotal ►							\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal

► Statewide Congestion Mitigation and Air Quality

	607589	Pioneer Valley	Springfield	SPRINGFIELD- NORTH END PEDESTRIAN PATH CONSTRUCTION (UNDER THE CONNECTICUT RIVER RAILROAD), BETWEEN PLAINFIELD STREET AND BIRNIE AVENUE, INCLUDES CONSTRUCTION OF NEW BRIDGE S-24-044	2	CMAQ	\$ 4,492,800	\$ 3,594,240	\$ 898,560	TEC 24
							\$ -	\$ -	\$ -	
Statewide CMAQ Subtotal ►							\$ 4,492,800	\$ 3,594,240	\$ 898,560	◀ 80% Federal + 20% Non-Federal

► Statewide HSIP Program

	607736	Pioneer Valley	Chicopee	CHICOPEE- SIGNAL & INTERSECTION IMPROVEMENTS AT 11 INTERSECTIONS ALONG ROUTE 33 (MEMORIAL DRIVE), FROM FULLER ROAD TO BRITTON STREET	2	HSIP	\$ 3,968,619	\$ 3,571,757	\$ 396,862	TEC 40.5
							\$ -	\$ -	\$ -	
Statewide HSIP Program Subtotal ►							\$ 3,968,619	\$ 3,571,757	\$ 396,862	◀ 90% Federal + 10% Non-Federal

► Statewide Infrastructure Program

				No Projects Programmed			\$ -	\$ -	\$ -	
				No Projects Programmed			\$ -	\$ -	\$ -	
Statewide Infrastructure Program Subtotal ►							\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal

► Statewide Interstate Maintenance Program

				No Projects Programmed			\$ -	\$ -	\$ -	
				No Projects Programmed			\$ -	\$ -	\$ -	
Statewide Interstate Maintenance Program Subtotal ►							\$ -	\$ -	\$ -	◀ 90% Federal + 10% Non-Federal

2018 Pioneer Valley Region MPO Transportation Improvement

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 ▼
► Statewide Intelligent Transportation Systems										
				No Projects Programmed			\$ -	\$ -	\$ -	
				No Projects Programmed			\$ -	\$ -	\$ -	
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										
	607474	Pioneer Valley	Multiple	GRANBY- SOUTH HADLEY- RESURFACING & RELATED WORK ON ROUTE 202, FROM LYMAN STREET SOUTH HADLEY TO PLEASANT STREET GRANBY (2 MILES)	2	NHPP	\$ 1,946,880	\$ 1,557,504	\$ 389,376	TEC 20.5
							\$ -	\$ -	\$ -	
Statewide NHS Preservation Program Subtotal ►							\$ 1,946,880	\$ 1,557,504	\$ 389,376	◀ 80% Federal + 20% Non-Federal
► Statewide Planning Program										
				No Projects Programmed			\$ -	\$ -	\$ -	
				No Projects Programmed			\$ -	\$ -	\$ -	
Statewide Planning Program Subtotal ►							\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal
► Statewide Railroad Grade Crossings										
				No Projects Programmed			\$ -	\$ -	\$ -	
				No Projects Programmed			\$ -	\$ -	\$ -	
Statewide RR Grade Crossings Subtotal ►							\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal
► Statewide Safe Routes to Schools Program										
				No Projects Programmed		SRTS	\$ -	\$ -	\$ -	
				No Projects Programmed		SRTS	\$ -	\$ -	\$ -	
Statewide Safe Routes to Schools Program Subtotal ►							\$ -	\$ -	\$ -	◀ Funding Split Varies by Funding Source
► Statewide Stormwater Retrofits										
				No Projects Programmed			\$ -	\$ -	\$ -	
				No Projects Programmed			\$ -	\$ -	\$ -	
Statewide Stormwater Retrofits Subtotal ►							\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal
► Statewide Transportation Enhancements										
				No Projects Programmed			\$ -	\$ -	\$ -	
				No Projects Programmed			\$ -	\$ -	\$ -	
Statewide Transportation Enhancements Subtotal ►							\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal

2018 Pioneer Valley Region MPO Transportation Improvement

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 ▼
► Other Statewide Items										
				ABP GANS Repayment			\$ -	\$ -	\$ -	
				Award Adjustments, Change Orders, Project Value Changes, Etc.			\$ -	\$ -	\$ -	
				DBEs, FAPO, Pavement Lab Retrofits, and Misc. Programs			\$ -	\$ -	\$ -	
				Planning			\$ -	\$ -	\$ -	
				Statewide Design and Right of Way			\$ -	\$ -	\$ -	
				Statewide Recreational Trails			\$ -	\$ -	\$ -	
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

2018 Pioneer Valley Region MPO TIP Summary

	TIP Section 1: ▼	TIP Section 2: ▼	Total of All Projects ▼	
Total ►	\$ 43,763,148	\$ -	\$ 43,763,148	◀ Total Spending in Region
Federal Funds ►	\$ 35,515,480	\$ -	\$ 35,515,480	◀ Total Federal Spending in Region
Non-Federal Funds ►	\$ 8,247,669	\$ -	\$ 8,247,669	◀ 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>

Transportation Improvement Program (TIP)

Project List (FY2017)

FTA Program	Project Number	Transit Agency	FTA Activity Line Item	Project Description	Carryover (unobligated)	Federal Funds	State Funds	TDC	Local Funds	Total Cost
5307										
5307	RTD0004707	Pioneer Valley Transit Authority	114406	Purchase/Renovate Shop Equipment		\$80,000	\$20,000	\$0	\$0	\$100,000
5307	RTD0004711	Pioneer Valley Transit Authority	442301	Planning		\$216,000	\$54,000	\$0	\$0	\$270,000
5307	RTD0004712	Pioneer Valley Transit Authority	117C00	ADA Operating Projects		\$1,213,341	\$303,335	\$0	\$0	\$1,516,676
5307	RTD0004713	Pioneer Valley Transit Authority	117A00	Preventive Maintenance		\$4,520,000	\$1,130,000	\$0	\$0	\$5,650,000
5307	RTD0004729	Pioneer Valley Transit Authority	119306	CONSTRUCT BICYCLE ACCESS, FACIL & EQUIP ON BUSES		\$4,000	\$1,000	\$0	\$0	\$5,000
5307	RTD0004709	Pioneer Valley Transit Authority	119308	Transit Enhancements: Signs/Lighting		\$8,000	\$2,000	\$0	\$0	\$10,000
5307	RTD0004728	Pioneer Valley Transit Authority	114402	REHAB/RENOVATE - Environmental Compliance		\$60,000	\$15,000	\$0	\$0	\$75,000
5307	RTD0004708	Pioneer Valley Transit Authority	119302	Transit Enhancements: Shelters, benches, etc.		\$120,000	\$30,000	\$0	\$0	\$150,000
5307	RTD0003486	Pioneer Valley Transit Authority	114402	Rehab/Renovations: UMASS Maintenance Facility		\$80,000	\$20,000	\$0	\$0	\$100,000
5307	RTD0004710	Pioneer Valley Transit Authority	114220	Rehab/Renovation: Communications Systems (ITS)		\$2,408,435	\$602,109	\$0	\$0	\$3,010,544
5307	RTD0004731	Pioneer Valley Transit Authority	114302	CONSTRUCT - MAINT FACILITY, Spfld.O&M, Yr 3		\$1,962,074	\$14,900,000	\$0	\$0	\$16,862,074
5307	RTD0003445	Pioneer Valley Transit Authority	114402	Rehab/Renovations: Northampton Maintenance Facility		\$200,000	\$50,000	\$0	\$0	\$250,000
5307	RTD0004727	Pioneer Valley Transit Authority	111216	Purchase Replacement - Support Vehicles (2)		\$100,000	\$25,000	\$0	\$0	\$125,000
5307	RTD0004734	Pioneer Valley Transit Authority	114411	Purchase - Replacement: Supervisory Vehicles (2)		\$48,000	\$12,000	\$0	\$0	\$60,000
5307	RTD0005051	Pioneer Valley Transit Authority	114402	Facility Rehab: SATCO		\$1,400,000	\$350,000	\$0	\$0	\$1,750,000
5307	RTD0005150	Pioneer Valley Transit Authority	113303	TERMINAL, INTERMODAL (TRANSIT) - WESTFIELD		\$662,274	\$165,569	\$0	\$0	\$827,843
5307	RTD0004706	Pioneer Valley Transit Authority	111215	Purchase - Replacement: Vans (12)		\$625,038	\$156,260	\$0	\$0	\$781,298
					Subtotal	\$13,707,162	\$17,836,273	\$0	\$0	\$31,543,435
5309										
					Subtotal	\$0	\$0	\$0	\$0	\$0
5310										
					Subtotal	\$0	\$0	\$0	\$0	\$0
5311										
					Subtotal	\$0	\$0	\$0	\$0	\$0

Transportation Improvement Program (TIP)

Project List (FY2017)

FTA Program	Project Number	Transit Agency	FTA Activity Line Item	Project Description	Carryover (unobligated)	Federal Funds	State Funds	TDC	Local Funds	Total Cost
5337					Subtotal	\$0	\$0	\$0	\$0	\$0
5339										
5339	RTD0003800	Pioneer Valley Transit Authority	113303	TERMINAL, INTERMODAL (TRANSIT) - WESTFIELD		\$772,648	\$1,033,162	\$0	\$0	\$1,805,810
5339	RTD0005149	Pioneer Valley Transit Authority	111215	BUY REPLACEMENT VAN (7)		\$349,558	\$87,390	\$0	\$0	\$436,948
					Subtotal	\$1,122,206	\$1,120,552	\$0	\$0	\$2,242,758
5320					Subtotal	\$0	\$0	\$0	\$0	\$0
Other Federal					Subtotal	\$0	\$0	\$0	\$0	\$0
Other Non-Federal					Subtotal	\$0	\$0	\$0	\$0	\$0
					Total	\$14,829,368	\$18,956,825	\$0	\$0	\$33,786,193

Funds listed under the Carry Over column are included in the Federal Amount