

2017 Pioneer Valley Transportation Improvement Program (TIP) Proposed Amendments – April 2017

HIGHWAY AMENDMENTS

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

- Increase cost of (604033) Southwick Congamond Road reconstruction from \$7,172,979 to \$7,227,498(STP)

FEDERAL FISCAL YEAR 2017 Part 1B: Federal Aid Bridge Projects

- Increase cost of Agawam – West Springfield (605384) BRIDGE REPLACEMENT, ROUTE 147 OVER THE WESTFIELD RIVER & INTERSECTION & SIGNAL IMPROVEMENTS @ 3 LOCATIONS from \$23,173,893 to \$29,349,426
- Increase cost of AMHERST- BRIDGE REPLACEMENT, A-08-008, MILL STREET OVER MILL RIVER from \$2,075,400 to \$3,028,770

TRANSIT ADJUSTMENTS

FEDERAL FISCAL YEAR 2017 Section 5307

- Increase State Funds for Purchase/Renovate Shop equipment from \$20,000 to \$170,000 for a new total of \$250,000
- Increase State Funds for Rehab/Renovations: Umass Maintenance Facility from \$20,000 to \$190,000 for a new total \$270,000
- Increase State Funds for Rehab/Renovations: Communications from \$602,109 to \$3,472,781 for a new total of \$5,881,216
- Decrease State Funds for Construct-Maintenance Facility, Spfld.O&M,Yr3 from \$14,900,000 to \$9,090,772 for a new total of \$11,052,846
- Increase State Funds for Rehab/Renovations: Northampton Maintenance Facility from \$50,000 to \$100,000 for a new total of \$300,000
- Increase State Funds for Purchase- Replacement: Supervisory Vehicles (2) from \$12,000 to \$142,000 for a new total \$190,000
- Increase State Funds for Facility Rehab: SATCO from \$350,000 to \$635,000 for a new total of \$2,035,000

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
AMENDMENT: 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	\$ 7,227,498	\$ 5,781,998	\$ 1,445,500	49.5 TEC Score 25% (YOE \$7,227,498) STP Cost Increase from \$7,172,979
	605011	Pioneer Valley	Ludlow	LUDLOW- RECONSTRUCTION OF CENTER STREET (ROUTE 21), FROM SEWALL STREET TO BEACHSIDE DRIVE	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)
	605150	Pioneer Valley	Goshen	GOSHEN- RESURFACING & RELATED WORK ON WEST STREET	1	STP	\$ 4,345,300	\$ 3,476,240	\$ 869,060	(YOE \$4,345,300) 25% Design Public hearing 9/19/16
Non-CMAQ/HSIP/TAP (Other) Subtotal ►							\$ 16,291,206	\$ 13,032,965	\$ 3,258,241	◀ 80% Federal + 20% Non-Federal

► Section 1A / Fiscal Constraint Analysis

Total Federal Aid Target Funds Programmed ►	\$ 21,666,173	\$ 22,438,689	◀ Total Target	\$ 772,516	Target Funds Available
Total Non-CMAQ/HSIP/TAP (Other) Programmed ►	\$ 16,291,206	\$ 16,729,598	◀ Max. Non-CMAQ/HSIP/TAP	\$ 438,392	Non-CMAQ/HSIP/TAP (Other) Available

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 ▼		
							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

AMENDMENT: Increase Cost	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	\$ 29,349,426	\$ 23,479,541	\$ 5,869,885	\$23,173,893 5M Bridge, 16M STP - STATEWIDE Infrastructure. OK. Increase cost from \$23,173,893
							\$ -	\$ -	\$ -	
On System Subtotal ▶							\$ 29,349,426	\$ 23,479,541	\$ 5,869,885	◀ 80% Federal + 20% Non-Federal

► Off-System

AMENDMENT: Increase Cost	607528	Pioneer Valley	Amherst	AMHERST- BRIDGE REPLACEMENT, A-08-008, MILL STREET OVER MILL RIVER	2	STP-BR-OFF	\$ 3,028,770	\$ 2,423,016	\$ 605,754	Increase cost from \$2,075,400
	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 ▶							\$ 6,369,810	\$ 5,095,848	\$ 1,273,962	◀ 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			\$ -	\$ -	\$ -	
				No Projects Programmed			\$ -	\$ -	\$ -	
Other Federal Aid Subtotal ▶							\$ -	\$ -	\$ -	◀ Funding Split Varies by Funding Source

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 ▼
► 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										
				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
► Statewide National Freight Program										
				No Projects Programmed			\$ -	\$ -	\$ -	
				No Projects Programmed			\$ -	\$ -	\$ -	
Statewide National Freight Program 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 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			\$ -	\$ -	\$ -	
				Planning			\$ -	\$ -	\$ -	
				Statewide Design and Right of Way			\$ -	\$ -	\$ -	
				Statewide Recreational Trails			\$ -	\$ -	\$ -	
Other Statewide Items Subtotal ►							\$ -	\$ -	\$ -	◀ Funding Split Varies by Funding Source

2017 Pioneer Valley Region MPO Transportation Improvement

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► 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 ►	\$ 62,779,871	\$ -	\$ 62,779,871	◀ Total Spending in Region
Federal Funds ►	\$ 50,743,836		\$ 50,743,836	◀ Total Federal Spending in Region
Non-Federal Funds ►	\$ 12,036,035	\$ -	\$ 12,036,035	◀ 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	\$170,000	\$0	\$0	\$250,000
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	\$190,000	\$0	\$0	\$270,000
5307	RTD0004710	Pioneer Valley Transit Authority	114220	Rehab/Renovation: Communications Systems (ITS)		\$2,408,435	\$3,472,781	\$0	\$0	\$5,881,216
5307	RTD0004731	Pioneer Valley Transit Authority	114302	CONSTRUCT - MAINT FACILITY, Spfld.O&M, Yr 3		\$1,962,074	\$9,090,772	\$0	\$0	\$11,052,846
5307	RTD0003445	Pioneer Valley Transit Authority	114402	Rehab/Renovations: Northampton Maintenance Facility		\$200,000	\$100,000	\$0	\$0	\$300,000
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	\$142,000	\$0	\$0	\$190,000
5307	RTD0005051	Pioneer Valley Transit Authority	114402	Facility Rehab: SATCO		\$1,400,000	\$635,000	\$0	\$0	\$2,035,000
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	\$15,682,717	\$0	\$0	\$29,389,879
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	\$16,803,269	\$0	\$0	\$31,632,637

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