



Catalyst for Regional Progress

**PVPC**

Timothy W. Brennan, Executive Director

## 2016 - 2019 Pioneer Valley Transportation Improvement Program (TIP) Proposed Amendments – March 2016

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### **HIGHWAY**

#### FEDERAL FISCAL YEAR 2016 Part 1B: Federal Aid Bridge Project

- Increase funding for Ludlow/Wilbraham Bridge (608252) East Street over the Chicopee River from \$1,000,000 to \$2,258,856)
- Reduce project cost for Belchertown/Warren Bridge project (607524) from \$2,477,738 to \$657,449 to reflect the change in project scope from replacement to demolition

#### FEDERAL FISCAL YEAR 2016 Part 1D: Federal Aid Major & State Category Projects

- Reduce funding for Springfield I-91 Viaduct (607731) from \$84,493,750 to \$54,434,358. Cost is being reduced to reflect the conversion of Advance Construction funds ahead of schedule in 2014 and 2015. Total Cost in \$181.8M

#### FEDERAL FISCAL YEAR 2017 Part 1D: Federal Aid Major & State Category Projects

- Add \$400,000 in Storm water funding for Chicopee/Springfield resurfacing on I-391 (608211) for a total project cost \$4,449,760 (IM + Storm water)
- Reducing funding for Agawam/Chicopee/Holyoke/Springfield/West Springfield Storm water improvements along I-91, I-291, I-391, and Route 5 from \$1,872,000 to \$1,383,352

#### FEDERAL FISCAL YEAR 2018 Part 1D: Federal Aid Major & State Category Projects

- Revise project description for Springfield North end Pedestrian Path Construction (607589) to include "Under Connecticut River Railroad"

#### FEDERAL FISCAL YEAR 2019 Part 1B: Federal Aid Bridge Projects

- Add Huntington Systematic Bridge Maintenance Route 112 over the Westfield River for \$490,000

STP = Surface Transportation Program

SW-TAP = Statewide Transportation Alternatives Program

GANS = Grant Anticipation Notes

TDC = Transportation Development Credit

ITCCAP = Intermodal Transportation Center Capital Assistance Program

RTACAP = Regional Transit Authority Capital Assistance Program

MAP = Mobility Assistance Program

# 2016 PIONEER VALLEY Transportation Improvement Program

11/6/2015 Draft Released  
02/3/2015 Endorsed

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

	605385	Pioneer Valley	Springfield	SPRINGFIELD- SIGNAL & INTERSECTION IMPROVEMENTS @ ROOSEVELT AVENUE & ISLAND POND ROAD, ROOSEVELT AVENUE & ALDEN STREET	2	HSIP	\$ 1,080,992	\$ 972,893	\$ 108,099	62.5 TEC Score 25% (YOE \$2,297,372) CMAQ, HSIP, DPH 1/27/16
							\$ -	\$ -	\$ -	
						HSIP Subtotal ►	\$ 1,080,992	\$ 972,893	\$ 108,099	◀ 90% Federal + 10% Non-Federal

### ► CMAQ - Congestion Mitigation and Air Quality Improvement Program

	605385	Pioneer Valley	Springfield	SPRINGFIELD- SIGNAL & INTERSECTION IMPROVEMENTS @ ROOSEVELT AVENUE & ISLAND POND ROAD, ROOSEVELT AVENUE & ALDEN STREET	2	CMAQ	\$ 1,216,380	\$ 973,104	\$ 243,276	62.5 TEC Score 25% (YOE \$2,297,372) CMAQ, HSIP, DPH 1/27/16
	604968	Pioneer Valley	Westfield	WESTFIELD- COLUMBIA GREENWAY RAIL TRAIL CONSTRUCTION, NORTH SECTION - FROM COWLES COURT ACCESS RAMPS TO THE WESTFIELD RIVER BRIDGE INCLUDES REHAB OF W-25-036 (WESTFIELD RIVER CROSSING)	2	CMAQ	\$ 682,633	\$ 546,106	\$ 136,527	38.83 TEC 100%, HPP funds remaining (HPP - 1656) \$2,321,883 (Total with match) (YOE \$3,004,516). HPP, CMAQ
		Pioneer Valley	Springfield	SPRINGFIELD - UNION STATION REDEVELOPMENT	2	CMAQ	\$ 750,873	\$ 600,698	\$ 150,175	\$1.7M CMAQ commitment over 3 years toward Phase I of project \$65.7 total
						CMAQ Subtotal ►	\$ 2,649,886	\$ 2,119,909	\$ 529,977	◀ 80% Federal + 20% Non-Federal

### ► TAP - Transportation Alternatives Program

	604446	Pioneer Valley	Westfield	WESTFIELD- RECONSTRUCTION OF ROUTE 187 (LITTLE RIVER ROAD) AND SHAKER ROAD	2	TAP	\$ 947,878	\$ 758,302	\$ 189,576	46.5 TEC PS&E \$6,206,561 STP, TAP The City of Westfield is the project proponent
						TAP Subtotal ►	\$ 947,878	\$ 758,302	\$ 189,576	◀ 80% Federal + 20% Non-Federal

### ► Non-CMAQ/HSIP/TAP (Other)

	606445	Pioneer Valley	Longmeadow	LONGMEADOW- RESURFACING & RELATED WORK ON CONVERSE STREET, FROM LAUREL STREET TO DWIGHT STREET (2.04	2	STP	\$ 2,742,048	\$ 2,193,638	\$ 548,410	36.4 TEC Score 25%/75% ( \$2,742,048) STP
	604446	Pioneer Valley	Westfield	WESTFIELD- RECONSTRUCTION OF ROUTE 187 (LITTLE RIVER ROAD) AND SHAKER ROAD	2	STP	\$ 5,258,683	\$ 4,206,946	\$ 1,051,737	46.5 TEC PS&E \$6,206,561 STP, TAP The City of Westfield is the project proponent
	607869	Pioneer Valley	Wilbraham	WILBRAHAM- RECONSTRUCTION OF BOSTON ROAD (ROUTE 20) FROM DUDLEY STREET TO 400FT. EAST OF DUMAINE STREET (0.28MILES)	2	STP	\$ 1,292,428	\$ 1,033,942	\$ 258,486	40 TEC Score 100% \$1,292,428 STP
	608022	Pioneer Valley	Multiple	BRIMFIELD- STURBRIDGE- RESURFACING & RELATED WORK ON ROUTE 20, BEGINNING EAST OF NEW HOLLAND ROAD (MM 87.8), ENDING WEST OF GALILEO DRIVE (MM 91.9)	2	STP	\$ 3,645,203	\$ 2,916,162	\$ 729,041	22.5 TEC Score 75% \$3,500,000 STP
						Non-CMAQ/HSIP/TAP (Other) Subtotal ►	\$ 12,938,362	\$ 10,350,690	\$ 2,587,672	◀ 80% Federal + 20% Non-Federal

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	\$ 17,617,118	\$ 18,871,416	◀ Total Target	\$ 1,254,298	Target Funds Available
Total Non-CMAQ/HSIP/TAP (Other) Programmed	\$ 12,938,362	\$ 13,464,446	◀ Max. Non-CMAQ/HSIP/TAP	\$ 526,084	Non-CMAQ/HSIP/TAP (Other) Available
Total HSIP Programmed	\$ 1,080,992	\$ 1,080,992	◀ Min. HSIP	\$ -	HSIP Minimum Met
Total CMAQ Programmed	\$ 2,649,886	\$ 3,378,100	◀ Min. CMAQ	\$ 728,214	CMAQ Minimum Not Met
Total TAP Programmed	\$ 947,878	\$ 947,878	◀ Min. TAP	\$ -	TAP Minimum Met

Remaining HSIP, CMAQ, and TAP Funds \$ 728,214

► Section 1B / Federal Aid Bridge Projects

► Statewide Bridge Maintenance Program

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

► On System

AMENDMENT: Increase Cost	608252	Pioneer Valley	Multiple	LUDLOW - WILBRAHAM - BRIDGE PRESERVATION, L-16-002=W-35-002, EAST STREET OVER THE CHICOPEE RIVER	2	NHPP	\$ 2,258,856	\$ 1,807,085	\$ 451,771	Pre 25% Replace rehabilitation to preservation and increase cost from \$1,000,000 to \$2,258,856 to reflect a more refined estimate compared to
							\$ -	\$ -	\$ -	
On System Subtotal							\$ 2,258,856	\$ 1,807,085	\$ 451,771	◀ 80% Federal + 20% Non-Federal

► Off-System

AMENDMENT: Decrease Cost	607524	Pioneer Valley	Multiple	BELCHERTOWN- WARREN BRIDGE DEMOLITION, B-05-023, W-07-012,(EAST MAIN STREET/NAULTAUG BROOK)	2	STP-BR-OFF	\$ 657,449	\$ 525,959	\$ 131,490	100% Reduce cost from \$2,477,738 to \$657,449 to reflect the change in scope from replacment to demolition
							\$ -	\$ -	\$ -	
Off-System Subtotal							\$ 657,449	\$ 525,959	\$ 131,490	◀ 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

	604968	Pioneer Valley	Westfield	WESTFIELD- COLUMBIA GREENWAY RAIL TRAIL CONSTRUCTION, NORTH SECTION - FROM COWLES COURT ACCESS RAMPS TO THE WESTFIELD RIVER BRIDGE INCLUDES REHAB OF W-25-036 (WESTFIELD RIVER CROSSING)	2	HPP	\$ 2,321,883	\$ 1,857,506	\$ 464,377	38.83 TEC 100%, HPP funds remaining (HPP - 1656) \$2,321,883 (Total with match) (YOE \$3,004,516). HPP, CMAQ
							\$ -	\$ -	\$ -	
Other Federal Aid Subtotal							\$ 2,321,883	\$ 1,857,506	\$ 464,377	◀ Funding Split Varies by Funding Source

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

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 ▼
<b>► Regional Major Infrastructure Program</b>										
AMENDMENT: Decrease Cost	607731	Pioneer Valley	Springfield	SPRINGFIELD- VIADUCT DECK REPLACEMENT OF S-24-061 ON I-91 (EARLY ACTION)	2	NHPP	\$ 54,434,358	\$ 43,547,486	\$ 10,886,872	Advertised, Funds will be disbursed from FFY 2014 through FFY 2017 (AC year 3 of 4), Reduce cost from \$84,493,750 to \$54,434,358. Cost is being reduced to reflect the conversion of Advance Construction funds ahead of schedule in 2014 and 2015. Total Cost in \$181.8M
				No Projects Programmed			\$ -	\$ -	\$ -	
Regional Major Infrastructure Program Subtotal ►							\$ 54,434,358	\$ 43,547,486	\$ 10,886,872	◀ 80% Federal + 20% Non-Federal
<b>► Statewide Infrastructure Program</b>										
	603730	Pioneer Valley	West Springfield	WEST SPRINGFIELD- CONNECTICUT RIVERWALK & BIKEWAY EXTENSION, FROM ELM STREET TO ASHLEY AVENUE	2	STP	\$ 1,867,004	\$ 1,493,603	\$ 373,401	5.12 TEC Score PS&E, Project was originally programmed in FFY 2015, was not advertised
				No Projects Programmed			\$ -	\$ -	\$ -	
Statewide Infrastructure Program Subtotal ►							\$ 1,867,004	\$ 1,493,603	\$ 373,401	◀ 80% Federal + 20% Non-Federal
<b>► Statewide HSIP Program</b>										
	607735	Pioneer Valley	South Hadley	SOUTH HADLEY- SIGNAL & INTERSECTION IMPROVEMENTS AT ROUTE 202 (GRANBY ROAD) & ROUTE 33 (LYMAN STREET)	2	HSIP	\$ 550,000	\$ 495,000	\$ 55,000	Pre 25%
				No Projects Programmed			\$ -	\$ -	\$ -	
Statewide HSIP Program Subtotal ►							\$ 550,000	\$ 495,000	\$ 55,000	◀ 90% Federal + 10% Non-Federal
<b>► Statewide Safe Routes to Schools Program</b>										
	607453	Pioneer Valley	Southampton	SOUTHAMPTON - SAFE ROUTES TO SCHOOL - NORRIS ELEMENTARY SCHOOL (100%)	2	TAP	\$ 832,000	\$ 665,600	\$ 166,400	80% Federal + 20% Non-Federal
				No Projects Programmed			\$ -	\$ -	\$ -	Funding Split Varies by Funding Source
Statewide Safe Routes to Schools Program Subtotal ►							\$ 832,000	\$ 665,600	\$ 166,400	◀ Funding Split Varies by Funding Source
<b>► Statewide CMAQ</b>										
	603477	Pioneer Valley	Southwick	SOUTHWICK- INTERSECTION IMPROVEMENTS AT FOUR LOCATIONS ON ROUTE 57 (FEEDING HILLS ROAD)	2	CMAQ	\$ 3,551,223	\$ 2,840,978	\$ 710,245	47 TEC Score 100% (\$3,551,223)
				No Projects Programmed			\$ -	\$ -	\$ -	
Statewide CMAQ ►							\$ 3,551,223	\$ 2,840,978	\$ 710,245	◀ 80% Federal + 20% Non-Federal
<b>► Statewide Transportation Enhancements</b>										
				No Projects Programmed			\$ -	\$ -	\$ -	
Statewide Transportation Enhancements Subtotal ►							\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal
<b>► Statewide ITS</b>										
				No Projects Programmed			\$ -	\$ -	\$ -	
				No Projects Programmed			\$ -	\$ -	\$ -	
Statewide ITS Subtotal ►							\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal
<b>► Statewide Interstate Maintenance Program</b>										

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 ▼
	608207	Pioneer Valley	Multiple	LONGMEADOW - SPRINGFIELD - RESURFACING AND RELATED WORK ON I-91	2	NHPP	\$ 10,195,200	9,175,680.0	1,019,520.0	75% Move project from Statewide Infrastructure Program to Statewide Interstate Maintenance
Statewide Interstate Maintenance Program Subtotal ▶							\$ 10,195,200	\$ 9,175,680	\$ 1,019,520	◀ 90% Federal + 10% Non-Federal

▶ Statewide NHS Preservation Program+

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

▶ Statewide RR Grade Crossings

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

▶ Statewide Stormwater Retrofits

	608136	Pioneer Valley	South Hadley	SOUTH HADLEY - STORMWATER IMPROVEMENTS ALONG ROUTE 116	2	STP-TE	\$ 169,400	135,520.0	33,880.0	100%
				No Projects Programmed			\$ -	-	-	
Statewide Stormwater Retrofits Subtotal ▶							\$ 169,400	\$ 135,520	\$ 33,880	◀ 80% Federal + 20% Non-Federal

▶ Statewide ADA Implementation Plan

				No Projects Programmed			\$ -	-	-	
				No Projects Programmed			\$ -	-	-	
Statewide ADA Implementation Plan 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

▶ 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

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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2016 Pioneer Valley TIP Summary		TIP Section 1: ▼		TIP Section 2: ▼		Total of All Projects ▼	
		Total ▶	\$	40,020,133	\$	-	\$
Federal Funds ▶	\$	33,198,725			\$	33,198,725	◀ Total Federal Spending in Region
Non-Federal Funds ▶	\$	6,821,408			\$	6,821,408	◀ Total Non-Federal Spending in Region

# 2017 PIONEER VALLEY Transportation Improvement Program

11/6/2015 Draft Released  
02/3/2015 Endorsed

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	58.5 Pre 25% (YOE \$1,620,000) HSIP, CMAQ
							\$ -	\$ -	\$ -	
						HSIP Subtotal ►	\$ 1,080,992	\$ 972,893	\$ 108,099	◀ 90% Federal + 10% Non-Federal

### ► CMAQ - Congestion Mitigation and Air Quality Improvement Program

	608236	Pioneer Valley	Northampton	NORTHAMPTON- RECONSTRUCTION OF DAMON ROAD, FROM ROUTE 9 TO ROUTE 5, INCLUDES DRAINAGE SYSTEM REPAIRS & SLOPE STABILIZATION AT THE NORWOTTUCK	2	CMAQ	\$ 1,766,592	\$ 1,413,274	\$ 353,318	61.5 TEC Score Pre 25% ( YOE \$5,200,000) STP, CMAQ
	604203	Pioneer Valley	Agawam	AGAWAM- INTERSECTION IMPROVEMENTS AT ROUTE 187 & ROUTE 57	2	CMAQ	\$ 539,008	\$ 431,206	\$ 107,802	58.5 Pre 25% (YOE \$1,620,000) HSIP, CMAQ
	606903	Pioneer Valley	Holyoke	HOLYOKE - IMPROVEMENTS TO LOWER WESTFIELD ROAD ON I-91 (INTERCHANGE 15)	2	CMAQ	\$ 1,072,500	\$ 858,000	\$ 214,500	37.5 Pre 25% (YOE \$1,072,500) CMAQ
						CMAQ Subtotal ►	\$ 3,378,100	\$ 2,702,480	\$ 675,620	◀ 80% Federal + 20% Non-Federal

### ► TAP - Transportation Alternatives 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	TAP	\$ 615,889	\$ 492,711	\$ 123,178	40 TEC Score 25% (YOE \$4,918,051) STP, TAP The town of Ludlow is the project proponent
				No Projects Programmed			\$ -	\$ -	\$ -	
						TAP Subtotal ►	\$ 615,889	\$ 492,711	\$ 123,178	◀ 80% Federal + 20% Non-Federal

### ► Non-CMAQ/HSIP/TAP (Other)

	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	\$ 4,302,162	\$ 3,441,730	\$ 860,432	40 TEC Score 25% (YOE \$4,918,051) STP, TAP
	604033	Pioneer Valley	Southwick	CONGAMOND ROAD (ROUTE 168) - FROM COLLEGE HIGHWAY & ENDS 250 FEET SHORT OF STATE LINE (1.2 MILES)	2	STP	\$ 4,980,256	\$ 3,984,205	\$ 996,051	38 TEC Score 25% (YOE \$4,980,256) STP

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 ▼
	608236	Pioneer Valley	Northampton	NORTHAMPTON- RECONSTRUCTION OF DAMON ROAD, FROM ROUTE 9 TO ROUTE 5, INCLUDES DRAINAGE SYSTEM REPAIRS & SLOPE STABILIZATION AT THE NORWOTTUCK	2	STP	\$ 3,433,408	\$ 2,746,726	\$ 686,682	61.5 TEC Score Pre 25% (\$5,200,000) STP, CMAQ
Non-CMAQ/HSIP/TAP (Other) Subtotal ▶							\$ 12,715,826	\$ 10,172,661	\$ 2,543,165	◀ 80% Federal + 20% Non-Federal

► Section 1A / Fiscal Constraint Analysis

Total Federal Aid Target Funds Programmed ▶	\$ 17,790,807	\$ 22,330,590	◀ Total Target	\$ 4,539,783	Target Funds Available
Total Non-CMAQ/HSIP/TAP (Other) Programmed ▶	\$ 12,715,826	\$ 17,255,609	◀ Max. Non-CMAQ/HSIP/TAP	\$ 4,539,783	Non-CMAQ/HSIP/TAP (Other) A
Total HSIP Programmed ▶	\$ 1,080,992	\$ 1,080,992	◀ Min. HSIP	\$ -	HSIP Minimum Met
Total CMAQ Programmed ▶	\$ 3,378,100	\$ 3,378,100	◀ Min. CMAQ	\$ -	CMAQ Minimum Met
Total TAP Programmed ▶	\$ 615,889	\$ 615,889	◀ Min. TAP	\$ -	TAP Minimum Met

Remaining HSIP, CMAQ, and TAP Funds \$ -

► Section 1B / Federal Aid Bridge Projects

► Statewide Bridge Maintenance Program

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

► On System

	605384	Pioneer Valley	Multiple	AGAWAM- WEST SPRINGFIELD- BRIDGE RECONSTRUCTION, A-05-002=W-21-014, ROUTE 147 OVER THE WESTFIELD RIVER & INTERSECTION & SIGNAL IMPROVEMENTS @ 3	2	NHPP	\$ 14,757,120	\$ 11,805,696	\$ 2,951,424	25%
On System Subtotal ▶							\$ 14,757,120	\$ 11,805,696	\$ 2,951,424	◀ 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	\$ 2,754,040	\$ 2,203,232	\$ 550,808	Pre 25%
	607549	Pioneer Valley	Chesterfield	CHESTERFIELD - IRELAND STREET OVER WEST BRANCH OF WESTFIELD	1	STP-BR-OFF	\$ 3,649,520	\$ 2,919,616	\$ 729,904	
Off-System Subtotal ▶							\$ 6,403,560	\$ 5,122,848	\$ 1,280,712	◀ 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



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 ▼
	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	36 TEC Score, 25% Design, HPP-4287 \$2,503,688 Total with Match
							\$ -	\$ -	\$ -	
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 Program

	607731	Pioneer Valley	Springfield	SPRINGFIELD- VIADUCT DECK REPLACEMENT OF S-24-061 ON I-91 (EARLY ACTION)	2	NHPP	\$ 9,000,000	\$ 7,200,000	\$ 1,800,000	Advertised, Funds will be disbursed from FFY 2014 through FFY 2017 (AC Year 4 of 4), <b>Moved funding from Statewide Infrastructure Program to Regional Major Infrastructure Program (October 2015)</b>
				No Projects Programmed			\$ -	\$ -	\$ -	
Regional Major Infrastructure Program Subtotal ▶							\$ 9,000,000	\$ 7,200,000	\$ 1,800,000	◀ 80% Federal + 20% Non-Federal

▶ Statewide Infrastructure Program

				No Projects Programmed			\$ -	\$ -	\$ -	
				No Projects Programmed			\$ -	\$ -	\$ -	
Statewide Infrastructure Program Subtotal ▶							\$ -	\$ -	\$ -	◀ 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	\$ 4,100,000	\$ 3,690,000	\$ 410,000	38.5 TEC Score Pre 25% (YOE \$4,100,000)
							\$ -	\$ -	\$ -	
Statewide HSIP Program Subtotal ▶							\$ 4,100,000	\$ 3,690,000	\$ 410,000	◀ 90% Federal + 10% Non-Federal

▶ Statewide Safe Routes to Schools Program

				No Projects Programmed			\$ -	\$ -	\$ -	Funding Split Varies by Funding Source
				No Projects Programmed			\$ -	\$ -	\$ -	Funding Split Varies by Funding Source
Statewide Safe Routes to Schools Program Subtotal ▶							\$ -	\$ -	\$ -	◀ Funding Split Varies by Funding Source

▶ Statewide CMAQ

	606450	Pioneer Valley	Holyoke	HOLYOKE- TRAFFIC SIGNAL UPGRADES AT 15 INTERSECTIONS ALONG HIGH & MAPLE STREETS	2	CMAQ	\$ 1,564,867	\$ 1,251,894	\$ 312,973	36.5 TEC Score Pre 25% (\$1,564,867)
	603783	Pioneer Valley	Westfield	WESTFIELD- COLUMBIA GREENWAY RAIL TRAIL CONSTRUCTION (CENTER DOWNTOWN SECTION), FROM EAST SILVER STREET TO COWLES COURT, INCLUDES W-25-014, W-25-015, W-25-016, W-25-017, W-25-018 & W-25-019	2	CMAQ	\$ 6,532,895	\$ 5,226,316	\$ 1,306,579	36.6 TEC Score 75% Design (\$6,532,895)

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 ▼
	606555	Pioneer Valley	Northampton	NORTHAMPTON- ROUNDABOUT CONSTRUCTION AT INTERSECTION ROUTES 5/10 (NORTH KING STREET) & HATFIELD STREET	2	CMAQ	\$ 2,989,892	\$ 2,391,914	\$ 597,978	42.5 TEC Score 25% (\$2,989,892)
	602911	Pioneer Valley	Chicopee	CHICOPEE- CONNECTICUT RIVERWALK & BIKEWAY CONSTRUCTION, FROM BOAT RAMP NEAR I-90 TO NASH FIELD (2.5 MILES)	2	CMAQ	\$ 3,902,850	\$ 3,122,280	\$ 780,570	27 TEC Score 25% (\$3,902,850)
Statewide CMAQ ►							\$ 14,990,504	\$ 11,992,403	\$ 2,998,101	◀ 80% Federal + 20% Non-Federal

► Statewide Transportation Enhancements

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

► Statewide ITS

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

► Statewide Interstate Maintenance Program

	608211	Pioneer Valley	Multiple	CHICOPEE - SPRINGFIELD - RESURFACING AND RELATED WORK ON I-291	2	NHPP	\$ 4,049,760	3,644,784.0	404,976.0	NHPP, STP-TE Add \$400,000 to stormwater component new project cost \$4,449,760
	606577	Pioneer Valley	Multiple	NORTHAMPTON- HATFIELD- WHATELY- DEERFIELD- INTERSTATE MAINTENANCE & RELATED WORK ON I-91, FROM MM 27.0 TO MM 37.0	2	NHPP	\$ 15,731,760	14,158,584.0	1,573,176.0	75% Move to FFY 2017 increase cost from \$10,620,000 to \$15,731,760 TFPC and move funding from Statewide NHS Preservation Program to Statewide Interstate Maintenance Program
Statewide Interstate Maintenance Program Subtotal ►							\$ 19,781,520	\$ 17,803,368	\$ 1,978,152	◀ 90% Federal + 10% Non-Federal

► Statewide NHS Preservation Program+

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

► Statewide RR Grade Crossings

				No Projects Programmed			\$ -	-	-	
				No Projects Programmed			\$ -	-	-	
Statewide RR Grade Crossings Subtotal ►							\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal

► Statewide Stormwater Retrofits

AMENDMENT: Decrease Cost	608192	Pioneer Valley	Multiple	AGAWAM-CHICOPEE-HOLYOKE-SPRINGFIELD-WEST SPRINGFIELD - STORMWATER IMPROVEMENTS ALONG I-91, I-291, I-391, AND ROUTE 5	2	STP-TE	\$ 1,383,352	1,106,681.6	276,670.4	75% Reduce cost from \$1,872,000 to \$1,383,352
AMENDMENT: Add Funding Source	608211	Pioneer Valley	Multiple	CHICOPEE - SPRINGFIELD - RESURFACING AND RELATED WORK ON I-291	2	STP-TE	\$ 400,000	320,000.0	80,000.0	NHPP, STP-TE Add \$400,000 to stormwater component new project cost \$4,449,760

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 ▼
							\$ 1,783,352	\$ 1,426,682	\$ 356,670	◀ 80% Federal + 20% Non-Federal

Statewide Stormwater Retrofits Subtotal ▶

▶ Statewide ADA Implementation Plan

				No Projects Programmed			\$ -	-	-	
				No Projects Programmed			\$ -	-	-	
							\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal

Statewide ADA Implementation Plan Subtotal ▶

▶ 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			\$ -	-	-	
							\$ -	\$ -	\$ -	◀ Funding Split Varies by Funding Source

Other Statewide Items Subtotal ▶

▶ Section 2A / Non-Federal Projects

▶ Non Federal Aid

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

Non-Federal Aid Subtotal ▶

▶ Section 2B / Non-Federal Bridge Projects

▶ Section 2B / Non-Federal Bridge Projects

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

Section 2B / Non-Federal Bridge Projects Subtotal ▶

## 2017 Pioneer Valley TIP Summary

	TIP Section 1: ▼	TIP Section 2: ▼	Total of All Projects ▼	
Total ▶	\$ 82,110,551	\$ -	\$ 82,110,551	◀ Total Spending in Region
Federal Funds ▶	\$ 68,184,692	\$ -	\$ 68,184,692	◀ Total Federal Spending in Region
Non-Federal Funds ▶	\$ 13,925,859	\$ -	\$ 13,925,859	◀ Total Non-Federal Spending in Region

# 2018 PIONEER VALLEY Transportation Improvement Program

11/6/2015 Draft Released  
02/3/2015 Endorsed

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

							\$ -	\$ -	\$ -	
	604597	Pioneer Valley	Northampton	IMPROVEMENTS AT ROUTE 9 AND DAMON RD	2	HSIP	\$ 1,080,992	\$ 972,893	\$ 108,099	61 TEC Score 25% (YOE \$6,480,000) STP, CMAQ, HSIP, TAP
HSIP Subtotal ►							\$ 1,080,992	\$ 972,893	\$ 108,099	◀ 90% Federal + 10% Non-Federal

### ► CMAQ - Congestion Mitigation and Air Quality Improvement Program

	607502	Pioneer Valley	Northampton	NORTHAMPTON - INTERSECTION IMPROVEMENTS AT KING STREET, NORTH STREET & SUMMER STREET AND AT KING STREET & FINN STREET			\$ 1,512,774	\$ 1,210,219	\$ 302,555	57 TEC Score Pre 25% (YOE \$1,763,802) CMAQ, STP
	604597	Pioneer Valley	Northampton	IMPROVEMENTS AT ROUTE 9 AND DAMON RD			\$ 1,800,000	\$ 1,440,000	\$ 360,000	61 TEC Score 25% (YOE \$6,480,000) STP, CMAQ, HSIP, TAP
CMAQ Subtotal ►							\$ 3,312,774	\$ 2,650,219	\$ 662,555	◀ 80% Federal + 20% Non-Federal

### ► TAP - Transportation Alternatives Program

							\$ -	\$ -	\$ -	
	604597	Pioneer Valley	Northampton	NORTHAMPTON- I-91 INTERCHANGE 19 IMPROVEMENTS AT ROUTE 9 AND DAMON	2	TAP	\$ 615,889	\$ 492,711	\$ 123,178	61 TEC Score 25% (YOE \$6,480,000) STP, CMAQ, HSIP, TAP
TAP Subtotal ►							\$ 615,889	\$ 492,711	\$ 123,178	◀ 80% Federal + 20% Non-Federal

### ► Non-CMAQ/HSIP/TAP (Other)

	607502	Pioneer Valley	Northampton	NORTHAMPTON - INTERSECTION IMPROVEMENTS AT KING STREET, NORTH STREET & SUMMER STREET AND AT KING STREET & FINN STREET	2	STP	\$ 251,028	\$ 200,822	\$ 50,206	57 TEC Score Pre 25% (YOE \$1,763,802) CMAQ, 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	\$ 2,478,600	\$ 1,982,880	\$ 495,720	18.8 TEC Score 75% (YOE \$2,478,600) STP
	604597	Pioneer Valley	Northampton	IMPROVEMENTS AT ROUTE 9 AND DAMON RD	2	STP	\$ 2,983,119	\$ 2,386,495	\$ 596,624	61 TEC Score 25% (YOE \$6,480,000) STP, CMAQ, HSIP, TAP
	604434	Pioneer Valley	Chicopee	CHICOPEE- RECONSTRUCTION & RELATED WORK ON FULLER ROAD, FROM MEMORIAL DR (RTE 33) TO SHAWINIGAN DR (2.0 MILES)	2	STP	\$ 6,706,800	\$ 5,365,440	\$ 1,341,360	Pre 25% 47.6 TEC (YOE \$6,706,800) STP
	607430	Pioneer Valley	Longmeadow	LONGMEADOW- RESURFACING & RELATED WORK ON LONGMEADOW STREET (ROUTE 5), FROM THE CT S.L. TO CONVERSE STREET (2.88 MILES)	2	STP	\$ 2,390,407	\$ 1,912,326	\$ 478,081	34.4 TEC Score 75 % (YOE \$2,390,407) STP
	607256	Pioneer Valley	Holyoke	HOLYOKE- RESURFACING & RELATED WORK ON HERITAGE STREET, FRONT STREET & DWIGHT STREET FROM MAPLE ST TO THE 1ST LEVEL CANAL (.54 MILES)	2	STP	\$ 3,104,024	\$ 2,483,219	\$ 620,805	39 TEC Score 25% (YOE \$3,104,024) STP

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
							\$ 17,913,978	\$ 14,331,182	\$ 3,582,796	◀ 80% Federal + 20% Non-Federal
	Non-CMAQ/HSIP/TAP (Other) Subtotal ▶						\$ 17,913,978	\$ 14,331,182	\$ 3,582,796	◀ 80% Federal + 20% Non-Federal

► Section 1A / Fiscal Constraint Analysis

Total Federal Aid Target Funds Programmed ▶	\$ 22,923,633	\$ 23,303,483	◀ Total Target	\$ 379,850	Target Funds Available
Total Non-CMAQ/HSIP/TAP (Other) Programmed ▶	\$ 17,913,978	\$ 18,228,502	◀ Max. Non-CMAQ/HSIP/TAP	\$ 314,524	Non-CMAQ/HSIP/TAP (Other) A
Total HSIP Programmed ▶	\$ 1,080,992	\$ 1,080,992	◀ Min. HSIP	\$ -	HSIP Minimum Met
Total CMAQ Programmed ▶	\$ 3,312,774	\$ 3,378,100	◀ Min. CMAQ	\$ 65,326	CMAQ Minimum Not Met
Total TAP Programmed ▶	\$ 615,889	\$ 615,889	◀ Min. TAP	\$ -	TAP Minimum Met

Remaining HSIP, CMAQ, and TAP Funds \$ 65,326

► Section 1B / Federal Aid Bridge Projects

► Statewide Bridge Maintenance Program

607939	Pioneer Valley	Cummington	CUMMINGTON- BRIDGE MAINTENANCE, C-21-025, ROUTE 9 OVER THE WESTFIELD RIVER	1	NHPP	\$ 300,000	\$ 240,000	\$ 60,000	
						\$ -	\$ -	\$ -	
Statewide Bridge Maintenance Program Subtotal ▶						\$ 300,000	\$ 240,000	\$ 60,000	◀ 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	\$ 14,002,570	\$ 11,202,056	\$ 2,800,514	Pre 25%
			No Projects Programmed			\$ -	\$ -	\$ -	
On System Subtotal ▶						\$ 14,002,570	\$ 11,202,056	\$ 2,800,514	◀ 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

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

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

► Statewide Infrastructure Program

						\$ -	\$ -	\$ -	
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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 ▼
							\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal
<b>► Statewide HSIP Program</b>										
				No Projects Programmed			\$ -	\$ -	\$ -	
				No Projects Programmed			\$ -	\$ -	\$ -	
							\$ -	\$ -	\$ -	◀ 90% Federal + 10% Non-Federal
<b>► Statewide Safe Routes to Schools Program</b>										
				No Projects Programmed			\$ -	\$ -	\$ -	Funding Split Varies by Funding Source
				No Projects Programmed			\$ -	\$ -	\$ -	Funding Split Varies by Funding Source
							\$ -	\$ -	\$ -	◀ Funding Split Varies by Funding Source
<b>► Statewide CMAQ</b>										
ADJUSTMENT:Change Project Description	607589	Pioneer Valley	Springfield	SPRINGFIELD- NORTH END PEDESTRIAN PATH CONSTRUCTION (UNDER CONNECTICUT RIVER RAILROAD), BETWEEN PLAINFIELD STREET AND BIRNIE AVENUE	2	CMAQ	\$ 4,326,400	\$ 3,461,120	\$ 865,280	Pre 25% Revised project description
	602912	Pioneer Valley	Chicopee	CHICOPEE- CHICOPEE RIVER RIVERWALK MULTI-USE PATH CONSTRUCTION, FROM GRAPE STREET TO FRONT STREET (NEAR ELLERTON STREET)	2	CMAQ	\$ 3,947,840	\$ 3,158,272	\$ 789,568	27.9 TEC Score 25% (\$3,947,840)
							\$ 8,274,240	\$ 6,619,392	\$ 1,654,848	◀ 80% Federal + 20% Non-Federal
<b>► Statewide Transportation Enhancements</b>										
				No Projects Programmed			\$ -	\$ -	\$ -	
				No Projects Programmed			\$ -	\$ -	\$ -	
							\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal
<b>► Statewide ITS</b>										
				No Projects Programmed			\$ -	\$ -	\$ -	
				No Projects Programmed			\$ -	\$ -	\$ -	
							\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal
<b>► Statewide Interstate Maintenance Program</b>										
	607560	Pioneer Valley	Multiple	CHICOPEE- HOLYOKE- INTERSTATE MAINTENANCE & RELATED WORK ON I-391	2	NHPP	\$ 11,074,253	9,966,827.7	1,107,425.3	(\$12,046,253 NHPP, STP-TE) Changed funding source from Statewide Infrastructure Program
				No Projects Programmed			\$ -	\$ -	\$ -	
							\$ 11,074,253	\$ 9,966,828	\$ 1,107,425	◀ 90% Federal + 10% Non-Federal
<b>► Statewide NHS Preservation Program+</b>										
	607474	Pioneer Valley	Multiple	GRANBY / SOUTH HADLEY - RESURFACING AND RELATED WORK ON ROUTE 202	2	NHPP	\$ 1,988,064	1,590,451.2	397,612.8	Pre 25% (\$1,712,794) nhs
							\$ -	\$ -	\$ -	
							\$ 1,988,064	\$ 1,590,451	\$ 397,613	◀ 80% Federal + 20% Non-Federal
<b>► Statewide RR Grade Crossings</b>										
				No Projects Programmed			\$ -	\$ -	\$ -	

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

► Statewide Stormwater Retrofits										
	607560	Pioneer Valley	Multiple	CHICOPEE- HOLYOKE- INTERSTATE MAINTENANCE & RELATED WORK ON I-391	2	STP-TE	\$ 972,000	777,600.0	194,400.0	(\$12,046,253 NHPP, STP-TE) Changed funding source from Statewide Infrastructure Program Pre 25%
Statewide Stormwater Retrofits Subtotal							\$ 972,000	\$ 777,600	\$ 194,400	◀ 80% Federal + 20% Non-Federal

► Statewide ADA Implementation Plan										
				No Projects Programmed			\$ -	-	-	
Statewide ADA Implementation Plan 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

**► Section 2A / Non-Federal Projects**

► Non Federal Aid										
				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	\$ -	-	-	
Section 2B / Non-Federal Bridge Projects Subtotal							\$ -	\$ -	\$ -	◀ 100% Non-Federal

2018 Pioneer Valley TIP Summary							TIP Section 1: ▼		TIP Section 2: ▼		Total of All Projects ▼	
							Total	\$ 59,534,760	\$ -	\$ 59,534,760	◀ Total Spending in Region	
							Federal Funds	\$ 48,843,333		\$ 48,843,333	◀ Total Federal Spending in Region	
							Non-Federal Funds	\$ 10,691,428	\$ -	\$ 10,691,428	◀ Total Non-Federal Spending in Region	

# 2019 PIONEER VALLEY Transportation Improvement Program

11/6/2015 Draft Released  
02/3/2015 Endorsed

Amendment/A djustment 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

	606156	Pioneer Valley	Holyoke	HOLYOKE- RECONSTRUCTION OF I-91 INTERCHANGE 17 & ROUTE 141		HSIP	\$ 1,080,992	\$ 972,893	\$ 108,099	48 TEC Score Pre 25% (YOE \$2,912,000) HSIP, CMAQ
							\$ -	\$ -	\$ -	
						HSIP Subtotal ►	\$ 1,080,992	\$ 972,893	\$ 108,099	◀ 90% Federal + 10% Non-Federal

### ► CMAQ - Congestion Mitigation and Air Quality Improvement Program

	606156	Pioneer Valley	Holyoke	HOLYOKE- RECONSTRUCTION OF I-91 INTERCHANGE 17 & ROUTE 141			\$ 1,831,008	\$ 1,464,806	\$ 366,202	48 TEC Score Pre 25% (YOE \$2,912,000) HSIP, CMAQ
	607893	Pioneer Valley	Northampton	NORTHAMPTON- INTERSECTION IMPROVEMENTS @ ELM STREET, MAIN STREET, WEST STREET, STATE STREET & NEW SOUTH STREET		CMAQ	\$ 1,547,092	\$ 1,237,674	\$ 309,418	68 TEC Score Pre 25% (YOE \$1,568,000) CMAQ, TAP
						CMAQ Subtotal ►	\$ 3,378,100	\$ 2,702,480	\$ 675,620	◀ 80% Federal + 20% Non-Federal

### ► TAP - Transportation Alternatives Program

	607987	Pioneer Valley	Ware	WARE- INTERSECTION IMPROVEMENTS @ MAIN STREET, WEST STREET, NORTH STREET, SOUTH STREET & CHURCH STREET	2	TAP	\$ 453,031	\$ 362,425	\$ 90,606	46 TEC Score Pre 25% (YOE \$2,184,000) STP, TAP
	607893	Pioneer Valley	Northampton	NORTHAMPTON- INTERSECTION IMPROVEMENTS @ ELM STREET, MAIN STREET, WEST STREET, STATE STREET & NEW SOUTH STREET	2	TAP	\$ 20,908	\$ 16,726	\$ 4,182	68 TEC Score Pre 25% (YOE \$1,568,000) CMAQ, TAP
						TAP Subtotal ►	\$ 473,939	\$ 379,151	\$ 94,788	◀ 80% Federal + 20% Non-Federal

### ► Non-CMAQ/HSIP/TAP (Other)

	600513	Pioneer Valley	Agawam	AGAWAM- RECONSTRUCTION OF ROUTE 187 FROM 425 FT. SOUTH OF S. WESTFIELD STREET TO ROUTE 57 (0.3	2	STP	\$ 1,744,960	\$ 1,395,968	\$ 348,992	22.5 TEC Score PRE 25% (YOE \$1,744,960) STP
	607987	Pioneer Valley	Ware	WARE- INTERSECTION IMPROVEMENTS @ MAIN STREET, WEST STREET, NORTH STREET, SOUTH STREET & CHURCH STREET	2	STP	\$ 1,730,969	\$ 1,384,775	\$ 346,194	46 TEC Score Pre 25% (YOE \$2,184,000) STP, TAP
	607773	Pioneer Valley	Westfield	WESTFIELD- IMPROVEMENTS & RELATED WORK ON ROUTE 20, COURT STEET & WESTERN AVENUE, LLOYDS HILL ROAD TO HIGH STREET/MILL STREET INTERSECTION (PHASE II)	2	STP	\$ 5,698,486	\$ 4,558,789	\$ 1,139,697	38.5 TEC Score 25% (YOE 5,698,486) STP, (HPP will be used for Phase I (\$2,500,000))
	604209	Pioneer Valley	Holyoke	HOLYOKE- WEST SPRINGFIELD- REHABILITATION OF ROUTE 5 (RIVERDALE ROAD), FROM I-91 (INTERCHANGE 13) TO MAIN STREET IN HOLYOKE & FROM ELM STREET TO NORTH ELM STREET IN WEST	2	STP	\$ 3,225,600	\$ 2,580,480	\$ 645,120	47 TEC Score Pre 25% (YOE \$3,225,600) STP



Amendment/A djustment Type ▼	MassDOT Project ID ▼	MPO ▼	Municipality Name ▼	MassDOT Project Description ▼	MassDOT District ▼	Funding Source ▼	Total Programmed Funds ▼	Federal Funds ▼	Non-Federal Funds ▼	Additional Information ▼
	608084	Pioneer Valley	Amherst	AMHERST- IMPROVEMENTS & RELATED WORK ON ROUTES 9 & 116, FROM UNIVERSITY DRIVE TO SOUTH PLEASANT STREET (0.8 MILES)	2	STP	\$ 1,406,339	\$ 1,125,071	\$ 281,268	46.5 TEC Score Pre 25% (YOE \$1,406,339) STP
Non-CMAQ/HSIP/TAP (Other) Subtotal ▶							\$ 13,806,354	\$ 11,045,083	\$ 2,761,271	◀ 80% Federal + 20% Non-Federal

► Section 1A / Fiscal Constraint Analysis

Total Federal Aid Target Funds Programmed ▶	\$ 18,739,385	\$ 23,303,483	◀ Total Target	\$ 4,564,098	Target Funds Available
Total Non-CMAQ/HSIP/TAP (Other) Programmed ▶	\$ 13,806,354	\$ 18,370,452	◀ Max. Non-CMAQ/HSIP/TAP	\$ 4,564,098	Non-CMAQ/HSIP/TAP (Other) A
Total HSIP Programmed ▶	\$ 1,080,992	\$ 1,080,992	◀ Min. HSIP	\$ -	HSIP Minimum Met
Total CMAQ Programmed ▶	\$ 3,378,100	\$ 3,378,100	◀ Min. CMAQ	\$ -	CMAQ Minimum Met
Total TAP Programmed ▶	\$ 473,939	\$ 473,939	◀ Min. TAP	\$ -	TAP Minimum Met

Remaining HSIP, CMAQ, and TAP Funds \$ -

► Section 1B / Federal Aid Bridge Projects

► Statewide Bridge Maintenance Program

AMENDMENT: Add Project	MassDOT Project ID	MPO	Municipality Name	MassDOT Project Description	MassDOT District	Funding Source	Total Programmed Funds	Federal Funds	Non-Federal Funds	Additional Information
	608258	Pioneer Valley	Huntington	HUNTINGTON- SYSTEMATIC BRIDGE MAINTENANCE, H-27-007, ROUTE 112 OVER WEST BRANCH OF WESTFIELD RIVER	1	NHPP	\$ 490,000	\$ 392,000	\$ 98,000	Add Project
No Projects Programmed							\$ -	\$ -	\$ -	
Statewide Bridge Maintenance Program Subtotal ▶							\$ 490,000	\$ 392,000	\$ 98,000	◀ 80% Federal + 20% Non-Federal

► On System

	606552	Pioneer Valley	Northampton	NORTHAMPTON- BRIDGE RECONSTRUCTION, N-19-059, I-91 OVER US 5/BMRR & N-19-060, I-91 OVER HOCKANUM ROAD	2	NHPP	\$ 29,536,000	\$ 23,628,800	\$ 5,907,200	Total Project Cost is \$53,000,000, A/C to 2020
1							\$ -	\$ -	\$ -	
On System Subtotal ▶							\$ 29,536,000	\$ 23,628,800	\$ 5,907,200	◀ 80% Federal + 20% Non-Federal

► Off-System

	608249	Pioneer Valley	Middlefield	19-10, CHESTER ROAD OVER SMAR BROOK	1	STP-BR-OFF	\$ 3,138,720	\$ 2,510,976	\$ 627,744	
							\$ -	\$ -	\$ -	
Off-System Subtotal ▶							\$ 3,138,720	\$ 2,510,976	\$ 627,744	◀ 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

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 1D / Federal Aid Major & State Category Projects

► Statewide Infrastructure Program										
							\$ -	\$ -	\$ -	
Statewide Infrastructure Program 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 Safe Routes to Schools Program										
				No Projects Programmed			\$ -	\$ -	\$ -	Funding Split Varies by Funding Source
				No Projects Programmed			\$ -	\$ -	\$ -	Funding Split Varies by Funding Source
Statewide Safe Routes to Schools Program Subtotal ►							\$ -	\$ -	\$ -	◀ Funding Split Varies by Funding Source

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

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

► Statewide ITS										
				No Projects Programmed			\$ -	\$ -	\$ -	
				No Projects Programmed			\$ -	\$ -	\$ -	
Statewide ITS 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

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

► Statewide RR Grade Crossings										
				No Projects Programmed			\$ -	\$ -	\$ -	
				No Projects Programmed			\$ -	\$ -	\$ -	
Statewide RR Grade Crossings Subtotal ►							\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal

► Statewide Stormwater Retrofits										
				No Projects Programmed			\$ -	\$ -	\$ -	

Amendment/A djustment 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			\$ -	-	-	
Statewide Stormwater Retrofits Subtotal ▶							\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal

▶ Statewide ADA Implementation Plan

				No Projects Programmed			\$ -	-	-	
				No Projects Programmed			\$ -	-	-	
Statewide ADA Implementation Plan 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

▶ 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

**2019** Pioneer Valley TIP Summary

	TIP Section 1: ▼	TIP Section 2: ▼	Total of All Projects ▼	
Total ▶	\$ 51,904,105	\$ -	\$ 51,904,105	◀ Total Spending in Region
Federal Funds ▶	\$ 41,631,383	\$ -	\$ 41,631,383	◀ Total Federal Spending in Region
Non-Federal Funds ▶	\$ 10,272,722	\$ -	\$ 10,272,722	◀ Total Non-Federal Spending in Region