

# 2016 Pioneer Valley MPO Transportation Improvement Program

Draft Released:  
Endorsed:

MassDOT Project ID ▼	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

► STP - Surface Transportation Program

606445	LONGMEADOW- RESURFACING & RELATED WORK ON CONVERSE STREET, FROM LAUREL STREET TO DWIGHT STREET (2.04 MILES)	2	STP	\$ 2,742,048	\$ 2,193,638	\$ 548,410	36.4 TEC Score 25%/75% ( \$2,742,048) STP
604446	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 100% \$6,206,561 STP, TAP
607869	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 75% \$1,292,428 STP
608022	BRIMFIELD- STURBRIDGE- RESURFACING & RELATED WORK ON ROUTE 20, FROM W. OLD STURBRIDGE ROAD (MM 88.3) TO OLD STREETER ROAD (MM 92.1)	2	STP	\$ 3,500,000	\$ 2,800,000	\$ 700,000	22.5 TEC Score 75% \$3,500,000 STP
STP Subtotal ►				\$ 12,793,159	\$ 10,234,527	\$ 2,558,632	◀ 80% Federal + 20% Non-Federal

► HSIP - Highway Safety Improvement Program

HSIP Subtotal ►				\$ -	\$ -	\$ -	◀ Funding Split Varies by Project Specifications
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► CMAQ - Congestion Mitigation and Air Quality Improvement Program

605385	SPRINGFIELD- SIGNAL & INTERSECTION IMPROVEMENTS @ ROOSEVELT AVENUE & ISLAND POND ROAD, ROOSEVELT AVENUE & ALDEN STREET	2	CMAQ	\$ 2,297,372	\$ 1,837,898	\$ 459,474	62.5 TEC Score 25% (YOE \$2,972,372) STP, CMAQ
604968	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	\$ 300,000	\$ 240,000	\$ 60,000	38.83 TEC 75% HPP funds remaining (HPP - 1656) \$1,857,506 (Federal) (Total Cost \$2,696,964) Total funding available \$2,575,000, city will scale back project to the funding available. HPP, CMAQ
	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 ►				\$ 3,348,245	\$ 2,678,596	\$ 669,649	◀ 80% Federal + 20% Non-Federal

► TAP - Transportation Alternative Program

604446	WESTFIELD- RECONSTRUCTION OF ROUTE 187 (LITTLE RIVER ROAD) AND SHAKER ROAD	2	TAP	\$ 947,878	\$ 758,302	\$ 189,576	46.5 TEC 100% \$6,206,561 STP, TAP
TAP Subtotal ►				\$ 947,878	\$ 758,302	\$ 189,576	◀ Funding Split Varies by Project Specifications

► Section 1A / Fiscal Constraint Analysis

Total Federal Aid Target Funds Programmed ►	\$ 17,089,282	\$ 18,871,416	◀ Total Target	\$ 1,782,134	Target Funds Available
Total STP Programmed ►	\$ 12,793,159	\$ 13,464,446	◀ Max. STP	\$ 671,287	STP Available
Total HSIP Programmed ►	\$ -	\$ 1,080,992	◀ Min. HSIP	\$ 1,080,992	HSIP Minimum Not Met
Total CMAQ Programmed ►	\$ 3,348,245	\$ 3,378,100	◀ Min. CMAQ	\$ 29,855	CMAQ Minimum Not Met

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Total TAP Programmed ▶ \$ 947,878 | \$ 947,878 ◀ Min. TAP | \$ - | TAP Minimum Met

## ► Section 1B / Federal Aid Bridge Projects

607516	DISTRICT 2- SYSTEMATIC BRIDGE MAINTENANCE AT VARIOUS LOCATIONS	2	BR-SP	\$ 1,849,978	\$ 1,479,982	\$ 369,996	Pre 25% NHPP
607524	BELCHERTOWN- WARREN BRIDGE DEMOLITION, B-05-023, W-07-012, (EAST MAIN STREET/NAULTAUG BROOK)	2	BR - Off	\$ 2,477,738	\$ 1,982,190	\$ 495,548	Pre 25%
BR Subtotal ▶				\$ 4,327,716	\$ 3,462,173	\$ 865,543	◀ 80% Federal + 20% Non-Federal

## ► Section 1C / Federal Aid Non-Target Projects

### ► Earmarks

604968	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 (2005)	\$ 2,275,000	\$ 1,857,506	\$ 417,494	38.83 TEC 75% HPP funds remaining (HPP - 1656) \$1,857,506 (Federal) (Total Cost \$2,696,964) Total funding available \$2,575,000, city will scale back project to the funding available. HPP, CMAQ
Earmarks Subtotal ▶				\$ 2,275,000	\$ 1,857,506	\$ 417,494	◀ Funding Split Varies by Earmark

### ► Other

603477	SOUTHWICK- INTERSECTION IMPROVEMENTS AT FOUR LOCATIONS ON ROUTE 57 (FEEDING HILLS ROAD)	2	Statewide CMAQ	\$ 3,551,223	2,840,978.4	710,244.6	47 TEC Score Pre 25% (\$3,551,223)
Other Subtotal ▶				\$ 3,551,223	\$ 2,840,978	\$ 710,245	◀ Funding Split Varies by Funding Source

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

### ► IM - Interstate Maintenance

606577	HATFIELD- WHATELY- INTERSTATE MAINTENANCE & RELATED WORK ON I-91	2	IM	\$ 10,620,000	\$ 9,558,000	\$ 1,062,000	Pre 25%
607182	BERNARDSTON- GREENFIELD- INTERSTATE MAINTENANCE & RELATED WORK ON ROUTE I-91 FROM MM 48.6 TO MM 50.4 (1.8 MILES)	2	IM	\$ 2,293,920	\$ 2,064,528	\$ 229,392	
IM Subtotal ▶				\$ 12,913,920	\$ 11,622,528	\$ 1,291,392	◀ 90% Federal + 10% Non-Federal

### ► NHPP - National Highway Performance Program

607731	SPRINGFIELD- VIADUCT DECK REPLACEMENT OF S-24-061 ON I-91 (EARLY ACTION)	2	NHPP	\$ 84,493,750	67,595,000.0	16,898,750.0	100% Design, Funds will be disbursed from FFY 2014 through FFY 2017
NHPP Subtotal ▶				\$ 84,493,750	\$ 67,595,000	\$ 16,898,750	◀ 80% Federal + 20% Non-Federal

### ► Other

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607036	DISTRICT 2 - ADA RETROFITS AT VARIOUS LOCATIONS	2	Other	\$ 740,000	592,000.0	148,000.0	STP - TE
607035	DISTRICT 1 - ADA RETROFITS AT VARIOUS LOCATIONS	2	Other	\$ 340,000	272,000.0	68,000.0	STP - TE
<b>607453</b>	SOUTHAMPTON - SOUTHAMPTON SAFE ROUTES TO SCHOOL - NORRIS ELEMENTARY SCHOOL	2	Statewide TAP	\$827,064	\$661,651	\$165,413	SW-TAP Moved from FY2015
608136	SOUTH HADLEY-ROUTE 116 STORMWATER RETOFITS	2	Statewide TE	\$ 169,400	135,520.0	33,880.0	
Other Subtotal ▶				\$ 13,345,296	\$ 10,676,237	\$ 2,669,059	◀ Funding Split Varies by Funding Source

## ▶ Section 2A / Non-Federal Projects

No Projects Programmed			\$ -		\$ -	
Non-Federal Projects Subtotal ▶			\$ -		\$ -	◀100% Non-Federal

## ▶ Section 2B / Non-Federal Bridge Projects

No Projects Programmed			\$ -		\$ -	
Non-Federal Bridge Projects Subtotal ▶			\$ -		\$ -	◀100% Non-Federal

# 2016 Pioneer Valley MPO TIP Summary

TIP Section 1: ▼ TIP Section 2: ▼ Total of All Projects ▼

YOE = Year of Expenditure (includes 4% per year inflation factor)	Total ▶	\$ 137,996,187	\$ -	\$137,996,187	◀ Total Spending in Region
	Federal Funds ▶	\$ 111,725,848		\$111,725,848	◀ Total Federal Spending in Region
	Non-Federal Funds ▶	\$ 26,270,339	\$ -	\$ 26,270,339	◀ 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

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## ► Section 1A / Federal Aid Target Projects

### ► STP - Surface Transportation Program

605011	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	\$ 4,918,051	\$ 3,934,441	\$ 983,610	40 TEC Score 25% (YOE \$4,918,051) STP
604033	SOUTHWICK- RECONSTRUCTION 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
180525	NORTHAMPTON- RECONSTRUCTION OF DAMON ROAD, FROM ROUTE 9 INTERSECTION TO ROUTE 5 INTERSECTION (1.1 MILES)	2	STP	\$ 3,433,408	\$ 2,746,726	\$ 686,682	61.5 TEC Score 25% (\$5,200,000) STP, HSIP,CMAQ

STP Subtotal ► \$ 13,331,715 \$ 10,665,372 \$ 2,666,343 ◀ 80% Federal + 20% Non-Federal

### ► HSIP - Highway Safety Improvement Program

604203	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	◀ Funding Split Varies by Project Specifications

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

180525	NORTHAMPTON- RECONSTRUCTION OF DAMON ROAD, FROM ROUTE 9 INTERSECTION TO ROUTE 5 INTERSECTION (1.1 MILES)	2	CMAQ	\$ 1,766,592	\$ 1,413,274	\$ 353,318	61.5 TEC Score 25% (YOE \$5,200,000) STP, HSIP,CMAQ
604203	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	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 Alternative Program

				TAP Subtotal ► \$ -	\$ -	\$ -	◀ Funding Split Varies by Project Specifications
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## ► 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 STP Programmed ►	\$ 13,331,715	\$ 17,255,609	◀ Max. STP	\$ 3,923,894	STP Available
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	◀ Min. TAP	\$ 615,889	TAP Minimum Not Met

## ► Section 1B / Federal Aid Bridge Projects

607528	AMHERST- BRIDGE REPLACEMENT, A-08-008, MILL STREET OVER MILL RIVER	2	BR - Off	\$2,644,040	\$ 2,115,232	\$ 528,808	Pre 25%
607549	CHESTERFIELD - IRELAND STREET OVER WEST BRANCH OF WESTFIELD RIVER	1	BR - Off	\$3,649,520	\$ 2,919,616	\$ 729,904	

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605384	AGAWAM- WEST SPRINGFIELD- BRIDGE RECONSTRUCTION, A-05-002=W-21-014, ROUTE 147 OVER THE WESTFIELD RIVER & INTERSECTION & SIGNAL IMPROVEMENTS @ 3 LOCATIONS	2	BR - On	\$14,757,120	\$ 11,805,696	\$ 2,951,424	(NHPP)
607517	DISTRICT 2- SYSTEMATIC BRIDGE MAINTENANCE AT VARIOUS LOCATIONS	2	BR-SP	\$1,849,693	\$ 1,479,754	\$ 369,939	(NHPP)
BR Subtotal ►				\$ 22,900,373	\$ 18,320,298	\$ 4,580,075	◀ 80% Federal + 20% Non-Federal

## ► Section 1C / Federal Aid Non-Target Projects

### ► Earmarks

603449	COURT STREET & WESTERN AVENUE, FROM LLEWELLYN DRIVE EASTERLY TO LLOYDS HILL ROAD (PHASE I)	2	HPP (2005)	\$ 2,702,868	2,162,294.4	540,573.6	36 TEC Score, Pre 25% Design, HPP-4287 \$2,503,688 Total with Match
Earmarks Subtotal ►				\$ 2,702,868	\$ 2,162,294	\$ 540,574	◀ Funding Split Varies by Earmark

### ► Other

606450	HOLYOKE- TRAFFIC SIGNAL UPGRADES AT 15 INTERSECTIONS ALONG HIGH & MAPLE STREETS	2	Statewide CMAQ	\$ 1,564,867	1,251,893.6	312,973.4	36.5 TEC Score Pre 25% (\$1,564,867)
603783	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	Statewide CMAQ	\$ 6,532,895	5,226,316.0	1,306,579.0	36.6 TEC Score 75% Design (\$6,532,895)
606555	NORTHAMPTON- ROUNDABOUT CONSTRUCTION AT INTERSECTION ROUTES 5/10 (NORTH KING STREET) & HATFIELD STREET	2	Statewide CMAQ	\$2,989,892	\$2,391,914	\$597,978	42.5 TEC Score 25% (\$2,874,896)
602911	CHICOPEE- CONNECTICUT RIVERWALK & BIKEWAY CONSTRUCTION, FROM BOAT RAMP NEAR I-90 TO NASH FIELD (2.5 MILES)	2	Statewide CMAQ	\$ 3,902,850	3,122,280.0	780,570.0	27 TEC Score 25% (\$3,261,288)
607736	CHICOPEE- SIGNAL & INTERSECTION IMPROVEMENTS AT 11 INTERSECTIONS ALONG ROUTE 33 (MEMORIAL DRIVE), FROM FULLER ROAD TO BRITTON STREET	2	Statewide HSIP	\$ 4,010,000	\$ 3,208,000	\$ 802,000	38.5 TEC Score Pre 25% (YOE \$4,100,000)
Other Subtotal ►				\$ 19,000,504	\$ 15,200,403	\$ 3,800,101	◀ Funding Split Varies by Funding Source

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

### ► IM - Interstate Maintenance

607731	SPRINGFIELD- VIADUCT DECK REPLACEMENT OF S-24-061 ON I-91 (EARLY ACTION)	2	NHPP	\$ 9,000,000	7,200,000.0	1,800,000.0	100% Design, Funds will be disbursed from FFY 2014 through FFY 2017
IM Subtotal ►				\$ 9,000,000	\$ 7,200,000	\$ 1,800,000	◀ 90% Federal + 10% Non-Federal

### ► NHPP - National Highway Performance Program

607474	GRANBY / SOUTH HADLEY - RESURFACING AND RELATED WORK ON ROUTE 202	2	NHPP	\$ 1,712,794	1,370,235.2	342,558.8	Pre 25% (\$1,712,794)
NHPP Subtotal ►				\$ 1,712,794	\$ 1,370,235	\$ 342,559	◀ 80% Federal + 20% Non-Federal

### ► Other

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608192	AGAWAM-CHICOPEE-HOLYOKE-SPRINGFIELD-WEST SPRINGFIELD - STORMWATER IMPROVEMENTS ALONG I-91, I-291,, I-391, AND ROUTE 5	2	STP-TE	\$ 1,872,000	1,497,600.0	374,400.0	
Other Subtotal ▶				\$ 1,872,000	\$ 1,497,600	\$ 374,400	◀ Funding Split Varies by Funding Source

▶ Section 2A / Non-Federal Projects							
No Projects Programmed				\$ -		\$ -	
Non-Federal Projects Subtotal ▶				\$ -		\$ -	◀ 100% Non-Federal

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

# 2017 Pioneer Valley MPO TIP Summary

	TIP Section 1: ▼	TIP Section 2: ▼	Total of All Projects ▼	
Total ▶	\$ 74,979,346	\$ -	\$ 74,979,346	◀ Total Spending in Region
Federal Funds ▶	\$ 60,091,576		\$ 60,091,576	◀ Total Federal Spending in Region
Non-Federal Funds ▶	\$ 14,887,770	\$ -	\$ 14,887,770	◀ 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>

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► Section 1A / Federal Aid Target Projects

► STP - Surface Transportation Program

607502	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 \$1,829,128) CMAQ, STP
604738	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	NORTHAMPTON- I-91 INTERCHANGE 19 IMPROVEMENTS AT ROUTE 9 AND DAMON RD	2	STP	\$ 2,983,119	\$ 2,386,495	\$ 596,624	61 TEC Score 25% (YOE \$6,720,000) STP, CMAQ, HSIP, TAP
604434	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 \$6,955,200) STP
607430	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 \$2,478,941) STP
607256	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
STP Subtotal ►				\$ 17,913,978	\$ 14,331,182	\$ 3,582,796	◀ 80% Federal + 20% Non-Federal

► HSIP - Highway Safety Improvement Program

604597	NORTHAMPTON- I-91 INTERCHANGE 19 IMPROVEMENTS AT ROUTE 9 AND DAMON RD			\$ 1,080,992	\$ 972,893	\$ 108,099	61 TEC Score 25% (YOE \$6,720,000) STP, CMAQ, HSIP, TAP
HSIP Subtotal ►				\$ 1,080,992	\$ 972,893	\$ 108,099	◀ Funding Split Varies by Project Specifications

► CMAQ - Congestion Mitigation and Air Quality Improvement Program

607502	NORTHAMPTON - INTERSECTION IMPROVEMENTS AT KING STREET, NORTH STREET & SUMMER STREET AND AT KING STREET & FINN STREET	2	CMAQ	\$ 1,512,774	\$ 1,210,219	\$ 302,555	57 TEC Score Pre 25% (YOE \$1,829,128) CMAQ, STP
604597	NORTHAMPTON- I-91 INTERCHANGE 19 IMPROVEMENTS AT ROUTE 9 AND DAMON RD		CMAQ	\$ 1,800,000	\$ 1,440,000	\$ 360,000	61 TEC Score 25% (YOE \$6,720,000) STP, CMAQ, HSIP, TAP
CMAQ Subtotal ►				\$ 3,312,774	\$ 2,650,219	\$ 662,555	◀ 80% Federal + 20% Non-Federal

► TAP - Transportation Alternative Program

604597	NORTHAMPTON- I-91 INTERCHANGE 19 IMPROVEMENTS AT ROUTE 9 AND DAMON RD		TAP	\$ 615,889	\$ 492,711	\$ 123,178	61 TEC Score 25% (YOE \$6,720,000) STP, CMAQ, HSIP, TAP
TAP Subtotal ►				\$ 615,889	\$ 492,711	\$ 123,178	◀ Funding Split Varies by Project Specifications

► 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 STP Programmed ►	\$ 17,913,978	\$ 18,228,502	◀ Max. STP	\$ 314,524	STP Available
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

► Section 1B / Federal Aid Bridge Projects

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607939	CUMMINGTON- BRIDGE MAINTENANCE, C-21-025, ROUTE 9 OVER THE WESTFIELD RIVER	1	BR-SP	\$ 300,000	\$ 240,000	\$ 60,000	
607959	District 2 - Systematic Bridge Maintenance at Various Locations	2	BR-SP	\$ 1,624,800	\$ 1,299,840	\$ 324,960	
BR Subtotal ►				\$ 1,924,800	\$ 1,539,840	\$ 384,960	◀ 80% Federal + 20% Non-Federal

## ► Section 1C / Federal Aid Non-Target Projects

### ► Earmarks

No Projects Programmed				\$ -	\$ -	\$ -	
Earmarks Subtotal ►				\$ -	\$ -	\$ -	◀ Funding Split Varies by Earmark

### ► Other

607589	CONSTRUCTION (UNDER PAN-AM RAILROAD), BETWEEN PLAINFIELD STREET AND BIRNIE AVENUE	2	Statewide CMAQ	\$4,326,400	3,461,120.0	865,280.0	
602912	CHICOPEE- CHICOPEE RIVER RIVERWALK MULTI-USE PATH CONSTRUCTION, FROM GRAPE STREET TO FRONT STREET (NEAR ELLERTON STREET)	2	Statewide CMAQ	\$ 3,947,840	3,158,272.0	789,568.0	5.02 TEC Score Pre 25% (\$2,273,911)
Other Subtotal ►				\$ 8,274,240	\$ 6,619,392	\$ 1,654,848	◀ Funding Split Varies by Funding Source

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

### ► IM - Interstate Maintenance

IM Subtotal ►				\$ -	\$ -	\$ -	◀ 90% Federal + 10% Non-Federal
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### ► NHPP - National Highway Performance Program

607560	CHICOPEE - HOLYOKE - INTERSTATE MAINENANCE AND RELATED WORK ON I-391	2	NHPP	\$ 11,989,555	10,790,599.5	1,198,955.5	IM
608207	LONGMEADOW - SPRINGFIELD - RESURFACING AND RELATED WORK ON I-91	2	NHPP	\$ 13,763,520	12,387,168.0	1,376,352.0	IM
607474	GRANBY / SOUTH HADLEY - RESURFACING AND RELATED WORK ON ROUTE 202	2	NHPP	\$ 1,988,054	1,590,443.2	397,610.8	Pre 25% (\$1,712,794) nhs
NHPP Subtotal ►				\$ 25,753,075	\$ 23,177,768	\$ 2,575,308	◀ 80% Federal + 20% Non-Federal

### ► Other

607560	CHICOPEE - HOLYOKE - INTERSTATE MAINENANCE AND RELATED WORK ON I-391 (STORMWATER PROGRAM)	2	STPE-TE	\$ 972,000	874,800.0	97,200.0	IM
Other Subtotal ►				\$ 66,688,284	\$ 58,598,442	\$ 8,089,842	◀ Funding Split Varies by Funding Source

## ► Section 2A / Non-Federal Projects



# 2018 Pioneer Valley MPO Transportation Improvement Program

Draft Released:

Endorsed:

MassDOT Project ID ▼	MassDOT Project Description ▼	MassDOT District ▼	Funding Source ▼	Total Programmed Funds ▼	Federal Funds ▼	Non-Federal Funds ▼	Additional Information ▼
	No Projects Programmed			\$ -		\$ -	
			Non-Federal Projects Subtotal ▶	\$ -		\$ -	◀100% Non-Federal

## ▶ Section 2B / Non-Federal Bridge Projects

	No Projects Programmed			\$ -		\$ -	
			Non-Federal Bridge Projects Subtotal ▶	\$ -		\$ -	◀100% Non-Federal

# 2018 Pioneer Valley MPO TIP Summary

	TIP Section 1: ▼	TIP Section 2: ▼	Total of All Projects ▼	
Total ▶	\$ 125,564,032	\$ -	\$125,564,032	◀ Total Spending in Region
Federal Funds ▶	\$ 108,382,447		\$108,382,447	◀ Total Federal Spending in Region
Non-Federal Funds ▶	\$ 17,181,585	\$ -	\$ 17,181,585	◀ 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>

# 2019 Pioneer Valley MPO Transportation Improvement Program

Draft Released:

Endorsed:

MassDOT Project ID ▼	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

► STP - Surface Transportation Program

600513	AGAWAM- RECONSTRUCTION OF ROUTE 187 FROM 425 FT. SOUTH OF S. WESTFIELD STREET TO ROUTE 57 (0.3 MILES - PHASE I)	2	STP	\$ 1,744,960	\$ 1,395,968	\$ 348,992	22.5 TEC Score Pre 25% (YOE \$1,744,960) STP
607987	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	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	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 SPRINGFIELD (3.2 MILES)	2	STP	\$ 3,225,600	\$ 2,580,480	\$ 645,120	47 TEC Score Pre 25% (YOE \$3,225,600) STP
608084	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
STP Subtotal ►				\$ 13,806,354	\$ 11,045,083	\$ 2,761,271	◀ 80% Federal + 20% Non-Federal

► HSIP - Highway Safety Improvement Program

606156	HOLYOKE- RECONSTRUCTION OF I-91 INTERCHANGE 17 & ROUTE 141	2	STP	\$ 1,080,992	\$ 864,794	\$ 216,198	48 TEC Score Pre 25% (YOE \$2,912,000) HSIP, CMAQ
HSIP Subtotal ►				\$ 1,080,992	\$ 864,794	\$ 216,198	◀ Funding Split Varies by Project Specifications

► CMAQ - Congestion Mitigation and Air Quality Improvement Program

606156	HOLYOKE- RECONSTRUCTION OF I-91 INTERCHANGE 17 & ROUTE 141	2	CMAQ	\$ 1,831,008	\$ 1,464,806	\$ 366,202	48 TEC Score Pre 25% (YOE \$2,912,000) HSIP, CMAQ
607893	NORTHAMPTON- INTERSECTION IMPROVEMENTS @ ELM STREET, MAIN STREET, WEST STREET, STATE STREET & NEW SOUTH STREET	2	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 Alternative Program

607987	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
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# 2019 Pioneer Valley MPO Transportation Improvement Program

Draft Released:

Endorsed:

MassDOT Project ID ▼	MassDOT Project Description ▼	MassDOT District ▼	Funding Source ▼	Total Programmed Funds ▼	Federal Funds ▼	Non-Federal Funds ▼	Additional Information ▼
607893	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	◀ Funding Split Varies by Project Specifications

## ► 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 STP Programmed ▶	\$ 13,806,354	\$ 18,370,452	◀ Max. STP	\$ 4,564,098	STP Available
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	\$ (0)	CMAQ Minimum Met
Total TAP Programmed ▶	\$ 473,939	\$ 473,939	◀ Min. TAP	\$ -	TAP Minimum Met

## ► Section 1B / Federal Aid Bridge Projects

BR Subtotal ▶				\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal
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## ► Section 1C / Federal Aid Non-Target Projects

### ► Earmarks

No Projects Programmed							
Earmarks Subtotal ▶				\$ -	\$ -	\$ -	◀ Funding Split Varies by Earmark

### ► Other

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

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

### ► IM - Interstate Maintenance

No Projects Programmed		2	IM	\$ -	\$ -	\$ -	
IM Subtotal ▶				\$ -	\$ -	\$ -	◀ 90% Federal + 10% Non-Federal

### ► NHPP - National Highway Performance Program

602811	CHICOPEE - SPRINGFIELD - RESURFACING AND RELATED WORK ON I-291	2	NHPP	\$ 11,545,498	\$ 10,390,948	\$ 1,154,550	IM
NHPP Subtotal ▶				\$ 11,545,498	\$ 10,390,948	\$ 1,154,550	◀ 80% Federal + 20% Non-Federal

### ► Other

608825	DISTRICT 1 - ADA RETROFITS AT VARIOUS LOCATIONS	2	Other	\$ 600,000	480,000.0	120,000.0	STP - TE
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# 2019 Pioneer Valley MPO Transportation Improvement Program

Draft Released:

Endorsed:

MassDOT Project ID ▼	MassDOT Project Description ▼	MassDOT District ▼	Funding Source ▼	Total Programmed Funds ▼	Federal Funds ▼	Non-Federal Funds ▼	Additional Information ▼
608826	DISTRICT 2 - ADA RETROFITS AT VARIOUS LOCATIONS	2	Other	\$ 900,000	720,000.0	180,000.0	STP - TE
Other Subtotal ▶				\$ 1,500,000	\$ 1,200,000	\$ 300,000	◀ Funding Split Varies by Funding Source

## ▶ Section 2A / Non-Federal Projects

No Projects Programmed			\$ -		\$ -		
Non-Federal Projects Subtotal ▶			\$ -		\$ -		◀ 100% Non-Federal

## ▶ Section 2B / Non-Federal Bridge Projects

No Projects Programmed			\$ -		\$ -		
Non-Federal Bridge Projects Subtotal ▶			\$ -		\$ -		◀ 100% Non-Federal

# 2019 Pioneer Valley MPO TIP Summary

TIP Section 1: ▼

TIP Section 2: ▼

Total of All Projects ▼

YOE = Year of Expenditure (includes 4% per year inflation factor)

Total ▶	\$ 31,784,883	\$ -	\$ 31,784,883	◀ Total Spending in Region
Federal Funds ▶	\$ 26,582,456		\$ 26,582,456	◀ Total Federal Spending in Region
Non-Federal Funds ▶	\$ 5,202,427	\$ -	\$ 5,202,427	◀ Total Non-Federal Spending in Region

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