

# 2015 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

607207	PELHAM- RECONSTRUCTION OF AMHERST ROAD, FROM 800 FEET EAST OF ENFIELD ROAD TO ROUTE 202 (2.5 MILES - PHASE II)	2	STP	\$ 4,200,000	\$ 3,360,000	\$ 840,000	5.55 TEC 100% \$4,200,000 STP
605222	SPRINGFIELD- NORTH END & BRIGHTWOOD INFRASTRUCTURE IMPROVEMENTS, FROM OSGOOD STREET TO THE CHICOPEE CITY LINE (NORTHERLY SEGMENT)	2	STP	\$ 1,858,269	\$ 1,486,615	\$ 371,654	10.50 TEC 75% \$4,233,000 STP, CMAQ, TAP
607869	WILBRAHAM- RECONSTRUCTION OF BOSTON ROAD (ROUTE 20) FROM DUDLEY STREET TO 400FT. EAST OF DUMAINE STREET (0.28MILES)	2	STP	\$ 1,903,482	\$ 1,522,786	\$ 380,696	7.27 TEC Score 75% \$1,903,482 STP
606417	CUMMINGTON- RETAINING WALL REPLACEMENT ON ROUTE 9 ADJACENT TO C-21-023 OVER WESTFIELD BROOK	1	STP	\$ 1,500,000	\$ 1,200,000	\$ 300,000	4.60 TEC Score PSE \$1,500,000 STP
606663	MONSON- PALMER- RESURFACING & RELATED WORK ON ROUTE 32, FROM MM 5.69 TO MM 6.88 AND FROM MM 8.24 TO MM 8.80 AT ROUTE 20 (1.69 MILES)	2	STP	\$ 1,800,000	\$ 1,440,000	\$ 360,000	3.52 TEC Score 75% \$1,800,000 STP
STP Subtotal ►				\$ 11,261,751	\$ 9,009,401	\$ 2,252,350	◀ 80% Federal + 20% Non-Federal

### ► HSIP - Highway Safety Improvement Program

604035	HADLEY- SIGNAL & INTERSECTION IMPROVEMENTS AT ROUTE 9 (RUSSELL STREET) & ROUTE 47 (MIDDLE STREET)	2	STP	\$ 1,201,102	\$ 960,882	\$ 240,220	8.02 TEC 25% \$3,038,060 HSIP, CMAQ
HSIP Subtotal ►				\$ 1,201,102	\$ 960,882	\$ 240,220	◀ Funding Split Varies by Project Specifications

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

604035	HADLEY- SIGNAL & INTERSECTION IMPROVEMENTS AT ROUTE 9 (RUSSELL STREET) & ROUTE 47 (MIDDLE STREET)	2	CMAQ	\$ 1,836,958	\$ 1,469,566	\$ 367,392	8.02 TEC 25% \$3,038,060 HSIP, CMAQ
605222	SPRINGFIELD- NORTH END & BRIGHTWOOD INFRASTRUCTURE IMPROVEMENTS, FROM OSGOOD STREET TO THE CHICOPEE CITY LINE (NORTHERLY SEGMENT)	2	CMAQ	\$ 1,900,792	\$ 1,520,634	\$ 380,158	10.50 TEC 75% \$4,233,000 STP, CMAQ, TAP
	SPRINGFIELD - UNION STATION REDEVELOPMENT	2	CMAQ	\$ 315,970	\$ 252,776	\$ 63,194	\$1.7M CMAQ commitment over 3 years toward Phase I of project \$65.7 total
CMAQ Subtotal ►				\$ 4,053,720	\$ 3,242,976	\$ 810,744	◀ 80% Federal + 20% Non-Federal

### ► TAP - Transportation Alternative Program

605222	SPRINGFIELD- NORTH END & BRIGHTWOOD INFRASTRUCTURE IMPROVEMENTS, FROM OSGOOD STREET TO THE CHICOPEE CITY LINE (NORTHERLY SEGMENT)	2	TAP	\$ 473,939	\$ 379,151	\$ 94,788	10.50 TEC 75% \$4,233,000 STP, CMAQ, TAP
TAP Subtotal ►				\$ 473,939	\$ 379,151	\$ 94,788	◀ Funding Split Varies by Project Specifications

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## ► Section 1A / Fiscal Constraint Analysis

<b>Total Federal Aid Target Funds Programmed</b> ►	\$ 16,990,512	\$ 17,163,614	◀ <b>Total Target</b>	\$ 173,102	<b>Target Funds Available</b>
Total STP Programmed ►	\$ 11,261,751	\$ 11,434,853	◀ <b>Max. STP</b>	\$ 173,102	STP Available
Total HSIP Programmed ►	\$ 1,201,102	\$ 1,201,102	◀ <b>Min. HSIP</b>	\$ -	HSIP Minimum Met
Total CMAQ Programmed ►	\$ 4,053,720	\$ 4,053,720	◀ <b>Min. CMAQ</b>	\$ -	CMAQ Minimum Met
Total TAP Programmed ►	\$ 473,939	\$ 473,939	◀ <b>Min. TAP</b>	\$ -	TAP Minimum Met

## ► Section 1B / Federal Aid Bridge Projects

No Projects Programmed	1			\$ -	\$ -	
<b>BR Subtotal</b> ►			\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal

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

### ► Earmarks

No Projects Programmed				\$ -	\$ -	\$ -	◀ Funding Split Varies by Earmark
<b>Earmarks Subtotal</b> ►			\$ -	\$ -	\$ -		

### ► Other

No Projects Programmed				\$ -	\$ -	\$ -	
<b>Other Subtotal</b> ►			\$ -	\$ -	\$ -	◀ Funding Split Varies by Funding Source	

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

### ► IM - Interstate Maintenance

No Projects Programmed	2	IM		\$ -	\$ -	\$ -	
<b>IM Subtotal</b> ►			\$ -	\$ -	\$ -	◀ 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	\$ 149,006,250	119,205,000.0	29,801,250.0	Pre 25% Design, Funds will be disbursed from FFY 2014 through FFY 2017
<b>NHPP Subtotal</b> ►			\$ 149,006,250	\$ 119,205,000	\$ 29,801,250	◀ 80% Federal + 20% Non-Federal	

### ► Other

607453	SOUTHAMPTON - SOUTHAMPTON SAFE ROUTES TO SCHOOL - NORRIS ELEMENTARY SCHOOL	2	Statewide TAP	\$531,250	\$531,250	\$0	SW-TAP
605066	NORTHAMPTON- INTERSECTION IMPROVEMENTS AT ROUTE 5 (PLEASANT STREET) AND CONZ STREET - Roundabout	2	Statewide CMAQ	\$ 1,592,248	1,273,798.4	318,449.6	SW-CMAQ 25% Design Public Hearing Held on April 24, 2013
605833	BERNARDSTON - WEST SPRINGFIELD - TRAFFIC SIGN REPLACEMENT ON INTERSTATE 91	2	A/C	\$4,064,580	\$3,251,664	\$812,916	Statewide HSIP 75% (\$6,492,438.10)
603730	WEST SPRINGFIELD- CONNECTICUT RIVERWALK & BIKEWAY EXTENSION, FROM ELM STREET TO DOTY CIRCLE, INCLUDES PEDESTRIAN BRIDGE W-	2	Statewide TAP	\$ 1,640,736	1,312,588.8	328,147.2	5.12 TEC Score 100% (\$1,640,736) Move to FFY 2015 from FFY 2016 per MassDOT Statewide TAP List

# 2015 Pioneer Valley MPO Transportation Improvement Program

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				Other Subtotal ▶	\$ 7,828,814	\$ 6,369,301	\$ 1,459,513 ◀ 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

# 2015 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 ▶	\$ 173,825,576	\$ -	\$173,825,576	◀ Total Spending in Region
Federal Funds ▶	\$ 139,166,711	\$ -	\$139,166,711	◀ Total Federal Spending in Region
Non-Federal Funds ▶	\$ 34,658,865	\$ -	\$ 34,658,865	◀ 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>

# 2016 Pioneer Valley MPO Transportation Improvement Program

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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	9.65 TEC Score 25% (YOE \$4,918,051) STP
180525	NORTHAMPTON- RECONSTRUCTION OF DAMON ROAD, FROM ROUTE 9 INTERSECTION TO ROUTE 5 INTERSECTION (1.1 MILES)	2	STP	\$ 2,273,050	\$ 1,818,440	\$ 454,610	8.55 TEC Score 25% (YOE \$5,200,000) STP, CMAQ, HSIP, TAP
604446	WESTFIELD- RECONSTRUCTION OF ROUTE 187 (LITTLE RIVER ROAD) AND SHAKER ROAD	2	STP	\$ 5,724,561	\$ 4,579,649	\$ 1,144,912	8.37% TEC 75% (YOE \$5,724,561) STP
605385	SPRINGFIELD- SIGNAL & INTERSECTION IMPROVEMENTS @ ROOSEVELT AVENUE & ISLAND POND ROAD, ROOSEVELT AVENUE & ALDEN STREET	2	STP	\$ 686,921	\$ 549,537	\$ 137,384	5.47 TEC Score 25% (YOE \$1,922,170) STP, CMAQ

STP Subtotal ► \$ 13,602,583 \$ 10,882,067 \$ 2,720,517 ◀ 80% Federal + 20% Non-Federal

► HSIP - Highway Safety Improvement Program

180525	NORTHAMPTON- RECONSTRUCTION OF DAMON ROAD, FROM ROUTE 9 INTERSECTION TO ROUTE 5 INTERSECTION (1.1 MILES)	2	HSIP	\$ 1,080,992	\$ 972,893	\$ 108,099	8.55 TEC Score 25% (YOE \$5,200,000) STP, CMAQ, HSIP, TAP
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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	\$ 1,036,217	\$ 828,974	\$ 207,243	8.55 TEC Score 25% (YOE \$5,200,000) STP, CMAQ, HSIP, TAP
605385	SPRINGFIELD- SIGNAL & INTERSECTION IMPROVEMENTS @ ROOSEVELT AVENUE & ISLAND POND ROAD, ROOSEVELT AVENUE & ALDEN STREET	2	CMAQ	\$ 1,289,079	\$ 1,031,263	\$ 257,816	5.47 TEC Score 25% (YOE \$1,922,170) 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	75% 6.58 TEC 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 ► \$ 3,376,169 \$ 2,700,935 \$ 675,234 ◀ 80% Federal + 20% Non-Federal

► TAP - Transportation Alternative Program

180525	NORTHAMPTON- RECONSTRUCTION OF DAMON ROAD, FROM ROUTE 9 INTERSECTION TO ROUTE 5 INTERSECTION (1.1 MILES)	2	TAP	\$ 809,741	\$ 647,793	\$ 161,948	8.55 TEC Score 25% (YOE \$5,200,000) STP, CMAQ, HSIP, TAP
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TAP Subtotal ► \$ 809,741 \$ 647,793 \$ 161,948 ◀ Funding Split Varies by Project Specifications

► Section 1A / Fiscal Constraint Analysis

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<b>Total Federal Aid Target Funds Programmed ▶</b>	\$ 18,869,485	\$ <b>18,871,416</b>	<b>◀ Total Target</b>	\$ 1,931	<b>Target Funds Available</b>
Total STP Programmed ▶	\$ 13,602,583	\$ 13,602,583	<b>◀ Max. STP</b>	\$ (0)	STP Exceeds Maximum
Total HSIP Programmed ▶	\$ 1,080,992	\$ 1,080,992	<b>◀ Min. HSIP</b>	\$ -	HSIP Minimum Met
Total CMAQ Programmed ▶	\$ 3,376,169	\$ 3,378,100	<b>◀ Min. CMAQ</b>	\$ 1,931	CMAQ Minimum Not Met
Total TAP Programmed ▶	\$ 809,741	\$ 809,741	<b>◀ Min. TAP</b>	\$ -	TAP Minimum Met

## ► Section 1B / Federal Aid Bridge Projects

<b>604626</b>	BELCHERTOWN- WARREN- WEST SPRINGFIELD- BRIDGE DEMOLITION, B-05-023, W-07-012, W-21-011, OLD BOSTON POST ROAD (EAST MAIN STREET/NAULTAUG BROOK)	2	BR - Off	\$ 3,115,152	\$ 2,492,122	\$ 623,030	Pre 25%
<b>BR Subtotal ▶</b>				\$ 3,115,152	\$ 2,492,122	\$ 623,030	<b>◀ 80% Federal + 20% Non-Federal</b>

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

### ► Earmarks

<b>604968</b>	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	75% 6.58 TEC 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
<b>Earmarks Subtotal ▶</b>				\$ 2,275,000	\$ 1,857,506	\$ 417,494	<b>◀ Funding Split Varies by Earmark</b>

### ► Other

No Projects Programmed				\$ -	\$ -	\$ -	
<b>Other Subtotal ▶</b>				\$ -	\$ -	\$ -	<b>◀ Funding Split Varies by Funding Source</b>

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

### ► IM - Interstate Maintenance

<b>606577</b>	HATFIELD- WHATELY- INTERSTATE MAINTENANCE & RELATED WORK ON I-91	2	IM	\$ 11,469,600	\$ 10,322,640	\$ 1,146,960	Pre 25%
<b>IM Subtotal ▶</b>				\$ 11,469,600	\$ 10,322,640	\$ 1,146,960	<b>◀ 90% Federal + 10% Non-Federal</b>

### ► NHPP - National Highway Performance Program

<b>607731</b>	SPRINGFIELD- VIADUCT DECK REPLACEMENT OF S-24-061 ON I-91 (EARLY ACTION)	2	NHPP	\$ 71,993,750	57,595,000.0	14,398,750.0	Pre 25% Design, Funds will be disbursed from FFY 2014 through FFY 2017
<b>NHPP Subtotal ▶</b>				\$ 71,993,750	\$ 57,595,000	\$ 14,398,750	<b>◀ 80% Federal + 20% Non-Federal</b>

### ► Other

<b>603730</b>	WEST SPRINGFIELD- CONNECTICUT RIVERWALK & BIKEWAY EXTENSION, FROM ELM STREET TO DOTY CIRCLE, INCLUDES PEDESTRIAN BRIDGE W-21-020	2	Statewide-TAP	\$ -	-	-	<b>5.12 TEC Score 100% (\$1,640,736) Move to FFY 2015 from FFY 2016 per MassDOT Statewide TAP List</b>
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606450	HOLYOKE- TRAFFIC SIGNAL UPGRADES AT 15 INTERSECTIONS ALONG HIGH & MAPLE	2	Statewide CMAQ	\$ 1,504,680	1,203,744.0	300,936.0	5.98 TEC Score Pre 25% (\$1,504,680)
603477	SOUTHWICK- INTERSECTION IMPROVEMENTS AT FOUR LOCATIONS ON ROUTE 57 (FEEDING HILLS ROAD)	2	Statewide CMAQ	\$ 2,160,000	1,728,000.0	432,000.0	7.75 TEC Score Pre 25% (\$2,160,000)
606555	NORTHAMPTON- ROUNDABOUT CONSTRUCTION AT INTERSECTION ROUTES 5/10 (NORTH KING STREET) & HATFIELD STREET	2	Statewide CMAQ	\$2,917,000	\$2,333,600	\$583,400	6.28 TEC Score 25% (\$2,917,000)
603783	WESTFIELD- COLUMBIA GREENWAY RAIL TRAIL CONSTRUCTION (CENTER DOWNTOWN SECTION), FROM COLUMBIA MFG SPUR TO COWLES COURT	2	Statewide TAP	\$ 6,784,162	5,427,329.6	1,356,832.4	6.58 TEC Score 75% (NOTE: Project limits will need to be adjusted to coincide to change requested by City of Westfield to project 604968 currently programmed in FFY 2015) (\$6,784,162)
602912	<del>CHICOPEE- CHICOPEE RIVER RIVERWALK MULTI-USE PATH CONSTRUCTION, FROM GRAPE STREET TO FRONT STREET (NEAR ELLERTON STREET)</del>	2	<del>Statewide CMAQ</del>	<del>\$ -</del>	<del>-</del>	<del>-</del>	<del>5.02 TEC Score Pre 25% (\$1,785,780) Moved from FFY 2016 to FFY 2018 per MassDOT Statewide CMAQ list</del>
602911	CHICOPEE- CONNECTICUT RIVERWALK & BIKEWAY CONSTRUCTION, FROM BOAT RAMP NEAR I-90 TO NASH FIELD (2.5 MILES)	2	Statewide CMAQ	\$ 3,261,288	2,609,030.4	652,257.6	4.85 TEC Score Pre 25% (\$3,261,288)
Other Subtotal ▶				\$ 16,627,130	\$ 13,301,704	\$ 3,325,426	◀ 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 ▶	\$ 124,350,117	\$ -	\$124,350,117	◀ Total Spending in Region
	Federal Funds ▶	\$ 100,772,659	\$ -	\$100,772,659	◀ Total Federal Spending in Region
	Non-Federal Funds ▶	\$ 23,577,458	\$ -	\$ 23,577,458	◀ 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

605032	HADLEY- RECONSTRUCTION ON ROUTE 9 BETWEEN THE LOWE'S AND HOME DEPOT SITE DRIVES (0.6 MILES)	2	STP	\$ 4,782,361	\$ 3,825,889	\$ 956,472	7.83 TEC Score 25% (YOE \$4,782,361) STP
604033	SOUTHWICK- RECONSTRUCTION CONGAMOND ROAD (ROUTE 168) - FROM COLLEGE HIGHWAY & ENDS 250 FEET SHORT OF STATE LINE (1.2 MILES)	2	STP	\$ 5,512,964	\$ 4,410,371	\$ 1,102,593	6.52 TEC Score 25% (YOE \$5,512,964) STP
606445	LONGMEADOW- RESURFACING & RELATED WORK ON CONVERSE STREET, FROM LAUREL STREET TO DWIGHT STREET (2.04 MILES)	2	STP	\$ 1,186,487	\$ 949,189	\$ 237,297	6.55 TEC Score 25% (YOE \$1,712,621) STP, TAP
600513	AGAWAM- RECONSTRUCTION OF ROUTE 187 FROM 425 FT. SOUTH OF S. WESTFIELD STREET TO ROUTE 57 (0.3 MILES - PHASE I)	2	STP	\$ 1,682,640	\$ 1,346,112	\$ 336,528	6.08 TEC Score PRE 25% (YOE \$1682,640) STP
607502	NORTHAMPTON - INTERSECTION IMPROVEMENTS AT KING STREET, NORTH STREET & SUMMER STREET AND AT	2	STP	\$ 145,036	\$ 116,029	\$ 29,007	7.40 Pre 25% (YOE \$1,829,128) CMAQ, STP
STP Subtotal ►				\$ 13,309,487	\$ 10,647,590	\$ 2,661,897	◀ 80% Federal + 20% Non-Federal

### ► HSIP - Highway Safety Improvement Program

604203	AGAWAM- INTERSECTION IMPROVEMENTS AT ROUTE 187 & ROUTE 57	2	HSIP	\$ 1,080,992	\$ 864,794	\$ 216,198	8.73 Pre 25% (YOE \$1,620,000) 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

604203	AGAWAM- INTERSECTION IMPROVEMENTS AT ROUTE 187 & ROUTE 57	2	CMAQ	\$ 539,008	\$ 431,206	\$ 107,802	8.73 Pre 25% (YOE \$1,620,000) HSIP, CMAQ
607502	NORTHAMPTON - INTERSECTION IMPROVEMENTS AT KING STREET, NORTH STREET & SUMMER STREET AND AT KING STREET & FINN STREET	2	CMAQ	\$ 1,684,092	\$ 1,347,274	\$ 336,818	7.40 Pre 25% (YOE \$1,829,128) CMAQ, STP
606903	HOLYOKE - IMPROVEMENTS TO LOWER WESTFIELD ROAD ON I-91 (INTERCHANGE 15)	2	CMAQ	\$ 1,155,000	\$ 924,000	\$ 231,000	6.67 Pre 25% (YOE \$1,155,000) CMAQ
CMAQ Subtotal ►				\$ 3,378,100	\$ 2,702,480	\$ 675,620	◀ 80% Federal + 20% Non-Federal

### ► TAP - Transportation Alternative Program

606445	LONGMEADOW- RESURFACING & RELATED WORK ON CONVERSE STREET, FROM LAUREL STREET TO DWIGHT STREET (2.04 MILES)	2	TAP	\$ 526,134	\$ 420,907	\$ 105,227	6.55 TEC Score 25% (YOE \$1,712,621) STP, TAP
TAP Subtotal ►				\$ 526,134	\$ 420,907	\$ 105,227	◀ Funding Split Varies by Project Specifications

## ► Section 1A / Fiscal Constraint Analysis

Total Federal Aid Target Funds Programmed ►	\$ 18,294,713	\$ 18,871,416	◀ Total Target	\$ 576,703	Target Funds Available
Total STP Programmed ►	\$ 13,309,487	\$ 13,886,190	◀ Max. STP	\$ 576,703	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 ►	\$ 526,134	\$ 526,134	◀ Min. TAP	\$ -	TAP Minimum Met

## ► Section 1B / Federal Aid Bridge Projects

607528	AMHERST- BRIDGE REPLACEMENT, A-08-008, MILL STREET OVER MILL RIVER	2	BR - Off	\$2,075,304	\$ 1,660,243	\$ 415,061	Pre 25%
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# 2017 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 ▼
607549	CHESTERFIELD - IRELAND STREET OVER WEST BRANCH OF WESTFIELD RIVER	1	BR - Off	\$2,058,672	\$ 1,646,938	\$ 411,734	
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	Add Bridge per MassDOT Bridge List
BR Subtotal ▶				\$ 18,891,096	\$ 15,112,877	\$ 3,778,219	◀ 80% Federal + 20% Non-Federal

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

### ► Earmarks

Earmarks Subtotal ▶				\$ -	\$ -	\$ -	◀ Funding Split Varies by Earmark
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### ► Other

Other Subtotal ▶				\$ -	\$ -	\$ -	◀ Funding Split Varies by Funding Source
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## ► 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	Pre 25% 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	\$ 1,585,920	1,268,736.0	317,184.0	Pre 25%
NHPP Subtotal ▶				\$ 1,585,920	\$ 1,268,736	\$ 317,184	◀ 80% Federal + 20% Non-Federal

### ► Other

No Projects Programmed				\$ -	-	-	
Other Subtotal ▶				\$ -	\$ -	\$ -	◀ 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 ▶	\$ 47,771,729	\$ -	\$ 47,771,729	◀ Total Spending in Region
Federal Funds ▶	\$ 38,217,384	-	\$ 38,217,384	◀ Total Federal Spending in Region
Non-Federal Funds ▶	\$ 9,554,346	\$ -	\$ 9,554,346	◀ Total Non-Federal Spending in Region



# 2017 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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701 CMR 7.00 Use of Road Flaggers and Police Details on Public Works Projects / 701 CMR 7.00 (the Regulation) was promulgated and became law on October 3, 2008. Under this Regulation, the CMR is applicable to any Public works Project that is performed within the limits of, or that impact traffic on, any Public Road. The Municipal Limitation referenced in this Regulation is applicable only to projects where the Municipality is the Awarding Authority. For all projects contained in the TIP, the Commonwealth is the Awarding Authority. Therefore, all projects must be considered and implemented in accordance with 701 CMR 7.00, and the Road Flagger and Police Detail Guidelines. By placing a project on the TIP, the Municipality acknowledges that 701 CMR 7.00 is applicable to its project and design and construction will be fully compliant with this Regulation. This information, and additional information relative to guidance and implementation of the Regulation can be found at the following link on the MassDOT Highway Division website: <http://www.massdot.state.ma.us/Highway/flaggers/main.aspx>

# 2018 Pioneer Valley 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

604738	SOUTHAMPTON- RECONSTRUCTION OF GLENDALE ROAD (PHASE II) FROM COLLEGE HIGHWAY (RT 10) NORTHWESTERLY TO POMEROY MEADOW RD (3,801 FEET)	2	STP	\$ 2,570,400	\$ 2,056,320	\$ 514,080	3.38 TEC Score 75% (YOE \$2,570,400) STP
604597	NORTHAMPTON- I-91 INTERCHANGE 19 IMPROVEMENTS AT ROUTE 9 AND DAMON RD	2	STP	\$ 3,312,874	\$ 2,650,299	\$ 662,575	Pre 25% 7.78 TEC (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	\$ 5,377,100	\$ 4,301,680	\$ 1,075,420	Pre 25% 8.57 TEC (YOE \$6,955,200) STP, CMAQ
607430	LONGMEADOW- RESURFACING & RELATED WORK ON LONGMEADOW STREET (ROUTE 5), FROM THE CT S.L. TO CONVERSE STREET (2.88 MILES)	2	STP	\$ 2,478,941	\$ 1,983,153	\$ 495,788	25 % 6.18 TEC (YOE \$2,478,941) STP
STP Subtotal ►				\$ 13,739,315	\$ 10,991,452	\$ 2,747,863	◀ 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	\$ 864,794	\$ 216,198	Pre 25% 7.78 TEC (YOE \$6,720,000) STP, CMAQ, HSIP, TAP
HSIP Subtotal ►				\$ 1,080,992	\$ 864,794	\$ 216,198	◀ Funding Split Varies by Project Specifications

► CMAQ - Congestion Mitigation and Air Quality Improvement Program

604597	NORTHAMPTON- I-91 INTERCHANGE 19 IMPROVEMENTS AT ROUTE 9 AND DAMON RD			\$ 1,800,000	\$ 1,440,000	\$ 360,000	Pre 25% 7.78 TEC (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)			\$ 1,578,100	\$ 1,262,480	\$ 315,620	Pre 25% 8.57 TEC (YOE \$6,955,200) STP, CMAQ
CMAQ Subtotal ►				\$ 3,378,100	\$ 2,702,480	\$ 675,620	◀ 80% Federal + 20% Non-Federal

► TAP - Transportation Alternative Program

604597	NORTHAMPTON- I-91 INTERCHANGE 19 IMPROVEMENTS AT ROUTE 9 AND DAMON RD			\$ 526,134	\$ 420,907	\$ 105,227	Pre 25% 7.78 TEC (YOE \$6,720,000) STP, CMAQ, HSIP, TAP
TAP Subtotal ►				\$ 526,134	\$ 420,907	\$ 105,227	◀ Funding Split Varies by Project Specifications

► Section 1A / Fiscal Constraint Analysis

Total Federal Aid Target Funds Programmed ►	\$ 18,724,541	\$ 18,871,416	◀ Total Target	\$ 146,875	Target Funds Available
Total STP Programmed ►	\$ 13,739,315	\$ 13,886,190	◀ Max. STP	\$ 146,875	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 ►	\$ 526,134	\$ 526,134	◀ Min. TAP	\$ -	TAP Minimum Met

► Section 1B / Federal Aid Bridge Projects

	CUMMINGTON- BRIDGE MAINTENANCE, C-21-025, ROUTE 9 OVER THE WESTFIELD RIVER	1	BR-SP	\$ 300,000	\$ 240,000	\$ 240,000	Add Per MassDOT Bridge List
BR Subtotal ►				\$ 300,000	\$ 240,000	\$ 240,000	◀ 80% Federal + 20% Non-Federal

► Section 1C / Federal Aid Non-Target Projects

# 2018 Pioneer Valley MPO Transportation Improvement Program

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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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► Earmarks

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

► Other

Other Subtotal ►				\$ -	\$ -	\$ -	◀ Funding Split Varies by Funding Source
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► 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 MAINTENANCE AND RELATED WORK ON I-391	2	NHPP	\$ 10,911,130	8,728,904.0	2,182,226.0	Add per MassDOT IM List
NHPP Subtotal ►				\$ 10,911,130	\$ 8,728,904	\$ 2,182,226	◀ 80% Federal + 20% Non-Federal

► Other

602912	CHICOPEE- CHICOPEE RIVER RIVERWALK MULTI-USE PATH CONSTRUCTION, FROM GRAPE STREET TO FRONT STREET (NEAR ELLERTON STREET)	2	Statewide CMAQ	\$ 2,273,911	1,819,128.8	454,782.2	5.02 TEC Score Pre 25% (\$2,273,911) Moved from FFY 2016 to FFY 2018 per MassDOT Statewide CMAQ list
Other Subtotal ►				\$ 2,273,911	\$ 1,819,129	\$ 454,782	◀ 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

# 2018 Pioneer Valley MPO TIP Summary

	TIP Section 1: ▼	TIP Section 2: ▼	Total of All Projects ▼	
Total ►	\$ 32,389,582	\$ -	\$ 32,389,582	◀ Total Spending in Region
Federal Funds ►	\$ 25,767,665	\$ -	\$ 25,767,665	◀ Total Federal Spending in Region
Non-Federal Funds ►	\$ 6,621,916	\$ -	\$ 6,621,916	◀ Total Non-Federal Spending in Region

# 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 ▼
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