

# 2019 Pioneer Valley Region Transportation Improvement Program

Amendment / Adjustment Type ▼	STIP Program ▼	MassDOT Project ID ▼	Metropolitan Planning Organization ▼	Municipality Name ▼	MassDOT Project Description ▼	MassDOT District ▼	Funding Source ▼	Total Programmed Funds ▼	Federal Funds ▼	Non-Federal Funds ▼	Additional Information ▼ <i>Present information as follows, if applicable: a) Planning / Design / or Construction; b) total project cost and funding sources used; c) advance construction</i>
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## ► Section 1A / Regionally Prioritized Projects

### ► Regionally Prioritized Projects

Intersection Improvements	608411	Pioneer Valley	Springfield	SPRINGFIELD- INTERSECTION IMPROVEMENTS AT BAY STREET AND BERKSHIRE AVENUE	2	HSIP	\$ 1,000,000	\$ 900,000	\$ 100,000	Construction / (YOE \$1,886,880 STP) / 49.5 TEC / 25% HSIP, CMAQ
Intersection Improvements	608411	Pioneer Valley	Springfield	SPRINGFIELD- INTERSECTION IMPROVEMENTS AT BAY STREET AND BERKSHIRE AVENUE	2	CMAQ	\$ 886,880	\$ 709,504	\$ 177,376	Construction / (YOE \$1,886,880 STP) / 49.5 TEC / 25% HSIP, CMAQ
Roadway Reconstruction	600513	Pioneer Valley	Agawam	AGAWAM- RECONSTRUCTION OF ROUTE 187 FROM 425 FT. SOUTH OF S. WESTFIELD STREET TO ROUTE 57 (0.3 MILES - PHASE I)	2	STP	\$ 2,622,622	\$ 2,098,098	\$ 524,524	Construction / (YOE \$2,622,622 STP) / 27 TEC / 25% STP
Intersection Improvements	608412	Pioneer Valley	Belchertown	BELCHERTOWN- IMPROVEMENTS & RELATED WORK ON ROUTES 202 & 21, FROM TURKEY HILL ROAD TO SOUTH MAIN STREET (1.2 MILES)	2	STP	\$ 5,143,503	\$ 4,114,802	\$ 1,028,701	Construction / (YOE \$5,143,503 STP) / 59 TEC / 25% STP - 75% Due May 27, 2018
Intersection Improvements	607987	Pioneer Valley	Ware	WARE- INTERSECTION IMPROVEMENTS @ MAIN STREET, WEST STREET, NORTH STREET, SOUTH STREET & CHURCH STREET	2	STP	\$ 1,000,000	\$ 800,000	\$ 200,000	Construction / (YOE \$2,475,087) STP) / 55 TEC / 75% STP, CMAQ, TAP
Intersection Improvements	607987	Pioneer Valley	Ware	WARE- INTERSECTION IMPROVEMENTS @ MAIN STREET, WEST STREET, NORTH STREET, SOUTH STREET & CHURCH STREET	2	CMAQ	\$ 1,000,000	\$ 800,000	\$ 200,000	Construction / (YOE \$2,475,087) STP) / 55 TEC / 75% STP, CMAQ, TAP
Intersection Improvements	607987	Pioneer Valley	Ware	WARE- INTERSECTION IMPROVEMENTS @ MAIN STREET, WEST STREET, NORTH STREET, SOUTH STREET & CHURCH STREET	2	TAP	\$ 475,087	\$ 380,070	\$ 95,017	Construction / (YOE \$2,475,087) STP) / 55 TEC / 75% STP, CMAQ, TAP
Roadway Reconstruction	604962	Pioneer Valley	Holland	HOLLAND- RESURFACING & RELATED WORK ON BRIMFIELD ROAD, FROM THE BRIMFIELD/HOLLAND T.L. TO WALES ROAD (1.4 MILES - PHASE I)	2	STP	\$ 2,919,446	\$ 2,335,557	\$ 583,889	Construction / (YOE \$2,919,446) STP) / 26.5 TEC / 25% - 25% Comment Received
Roadway Reconstruction	606912	Pioneer Valley	Worthington	WORTHINGTON- RECONSTRUCTION & RELATED WORK ON ROUTE 143 (PHASE I)	1	STP	\$ 8,900,000	\$ 7,120,000	\$ 1,780,000	Construction / (YOE \$8,900,000) STP) / 41.5 TEC / 75% Project Phased Total project cost was \$16,300,000 STP
Planning / Adjustments / Pass-throughs	PV0001	Pioneer Valley	multiple	P21 Express - Year 2 Operating	2	CMAQ	\$ 500,000	\$ 400,000	\$ 100,000	P21 Express - Year 2 Operating CMAQ

Regionally Prioritized Projects subtotal ► **\$ 24,447,538** \$ 19,658,030 \$ 4,789,508 ◀ 80% Federal + 20% Non-Federal

## ► Section 1A / Fiscal Constraint Analysis

Total Regional Federal Aid Funds Programmed ►		\$ 24,447,538	\$ 24,855,247	◀ Total Budget	\$ 407,709	Target Funds Available
STP programmed ►	\$ 20,585,571	\$ 16,468,457	◀ STP			
HSIP programmed ►	\$ 1,000,000	\$ 900,000	◀ HSIP			
CMAQ programmed ►	\$ 2,386,880	\$ 1,909,504	◀ CMAQ			
TAP programmed ►	\$ 475,087	\$ 380,070	◀ TAP			

*Section 1A Instructions: MPO Template Name) Choose Regional Name from dropdown list to populate header and MPO column; Column C) Enter ID from ProjectInfo; Column E) Choose Municipality Name from dropdown list; Column H) Choose the Funding Source being used for the project - if multiple funding sources are being used enter multiple lines; Column I) Enter the total amount of funds being programmed in this fiscal year and for each funding source; Column J) Federal funds autocalculates. Please verify the amount and only change if needed for flex. Column K) Non-federal funds autocalculates. Please verify the split/match - if matching*

## ► Section 1B / Earmark or Discretionary Grant Funded Projects

### ► Other Federal Aid

	Pioneer Valley	Other Federal Aid	HPP	\$ -	\$ -	\$ -	
Other Federal Aid subtotal ►				\$ -	\$ -	\$ -	◀ Funding Split Varies by Funding Source

## ► Section 2A / State Prioritized Reliability Projects

### ► Bridge Program / Inspections

Bridge Program	Pioneer Valley	Bridge Inspection		\$ -	\$ -	\$ -	
Bridge Program / Inspections subtotal ►				\$ -	\$ -	\$ -	◀ Funding Split Varies by Funding Source

# 2019 Pioneer Valley Region Transportation Improvement Program

Amendment / Adjustment Type ▼	STIP Program ▼	MassDOT Project ID ▼	Metropolitan Planning Organization ▼	Municipality Name ▼	MassDOT Project Description ▼	MassDOT District ▼	Funding Source ▼	Total Programmed Funds ▼	Federal Funds ▼	Non-Federal Funds ▼	Additional Information ▼ <i>Present information as follows, if applicable: a) Planning / Design / or Construction; b) total project cost and funding sources used; c) advance construction</i>
<b>► Bridge Program / Off-System</b>											
	Bridge Program	608429	Pioneer Valley		MIDDLEFIELD- BRIDGE SUPERSTRUCTURE REPLACEMENT, M-19-010, CHESTER ROAD OVER SMART BROOK	1	STP-BR-OFF	\$ 970,807	\$ 776,645	\$ 194,162	
Bridge Program / Off-System subtotal ►								\$ 970,807	\$ 776,645	\$ 194,162	◀ 80% Federal + 20% Non-Federal
<b>► Bridge Program / On-System (NHS)</b>											
	Bridge Program		Pioneer Valley		Bridge Program / On-System (NHS)			\$ -	\$ -	\$ -	
Bridge Program / On-System (NHS) subtotal ►								\$ -	\$ -	\$ -	◀ Funding Split Varies by Funding Source
<b>► Bridge Program / On-System (Non-NHS)</b>											
	Bridge Program		Pioneer Valley		Bridge Program / On-System (Non-NHS)			\$ -	\$ -	\$ -	
Bridge Program / On-System (Non-NHS) subtotal ►								\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal
<b>► Bridge Program / Systematic Maintenance</b>											
	Bridge Program		Pioneer Valley		Bridge Program / Systematic Maintenance			\$ -	\$ -	\$ -	
Bridge Program / Systematic Maintenance subtotal ►								\$ -	\$ -	\$ -	◀ Funding Split Varies by Funding Source
<b>► Interstate Pavement</b>											
	Interstate Pavement	607560	Pioneer Valley	Multiple	CHICOPEE- HOLYOKE- INTERSTATE MAINTENANCE AND RELATED WORK ON I-291	2	NHPP	\$ 11,309,875	\$ 10,178,888	\$ 1,130,988	
Interstate Pavement subtotal ►								\$ 11,309,875	\$ 10,178,888	\$ 1,130,988	◀ 90% Federal + 10% Non-Federal
<b>► Non-Interstate Pavement</b>											
	Non-Interstate Pavement	607474	Pioneer Valley	Multiple	GRANBY- SOUTH HADLEY- RESURFACING AND RELATED WORK ON ROTUE 202	2	NHPP	\$ 5,752,500	\$ 4,602,000	\$ 1,150,500	
Non-Interstate Pavement subtotal ►								\$ 5,752,500	\$ 4,602,000	\$ 1,150,500	◀ 80% Federal + 20% Non-Federal
<b>► Roadway Improvements</b>											
	Roadway Improvements		Pioneer Valley		Roadway Improvements			\$ -	\$ -	\$ -	
Roadway Improvements subtotal ►								\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal
<b>► Safety Improvements</b>											
	Safety Improvements	607736	Pioneer Valley	Chicopee	CHICOPEE- SIGNAL & INTERSECTION IMPROVEMENTS AT 13 INTERSECTIONS ALONG ROUTE 33 (MEMORIAL DRIVE), FROM FULLER ROAD TO ABBEY STREET	2	HSIP	\$ 6,001,387	\$ 5,401,248	\$ 600,139	
	Safety Improvements	608600	Pioneer Valley	Multiple	CHICOPEE- WEST SPRINGFIELD- HIGHWAY LIGHTING UPGRADE ON I-91	2	NHPP	\$ 4,300,759	\$ 3,440,607	\$ 860,152	
Safety Improvements subtotal ►								\$ 10,302,146	\$ 8,841,855	\$ 1,460,291	◀ Funding Split Varies by Funding Source
<b>► Section 2B / State Prioritized Modernization Projects</b>											
<b>► ADA Retrofits</b>											
	ADA Retrofits		Pioneer Valley		ADA Retrofits			\$ -	\$ -	\$ -	
ADA Retrofits subtotal ►								\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal
<b>► Intersection Improvements</b>											
	Intersection Improvements		Pioneer Valley		Intersection Improvements			\$ -	\$ -	\$ -	
Intersection Improvements subtotal ►								\$ -	\$ -	\$ -	◀ Funding Split Varies by Funding Source
<b>► Intelligent Transportation Systems</b>											

# 2019 Pioneer Valley Region Transportation Improvement Program

Amendment / Adjustment Type ▼	STIP Program ▼	MassDOT Project ID ▼	Metropolitan Planning Organization ▼	Municipality Name ▼	MassDOT Project Description ▼	MassDOT District ▼	Funding Source ▼	Total Programmed Funds ▼	Federal Funds ▼	Non-Federal Funds ▼	Additional Information ▼ <i>Present information as follows, if applicable: a) Planning / Design / or Construction; b) total project cost and funding sources used; c) advance construction</i>
	Intelligent Transportation Systems		Pioneer Valley		Intelligent Transportation Systems			\$ -	\$ -	\$ -	
Intelligent Transportation System subtotal ▶								\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal

## ► Roadway Reconstruction

	Roadway Reconstruction	608790	Pioneer Valley	Holyoke	HOLYOKE- IMPROVEMENTS AT KELLY COMMUNITY SCHOOL (SRTS)	2	TAP	\$ 1,264,935	\$ 1,011,948	\$ 252,987	
	Roadway Reconstruction	606555	Pioneer Valley	Northampton	NORTHAMPTON- ROUNDABOUT CONSTRUCTION AT INTERSECTION ROUTES 5/10 (NORTH KING STREET) & HATFIELD STREET	2	CMAQ	\$ 4,109,480	\$ 3,287,584	\$ 821,896	
Roadway Reconstruction subtotal ▶								\$ 5,374,415	\$ 4,299,532	\$ 1,074,883	◀ Funding Split Varies by Funding Source

## ► Section 2C / State Prioritized Expansion Projects

### ► Bicycles and Pedestrians

	Bicycles and Pedestrians	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	Construction / PSAC score 39.5
Bicycles and Pedestrians subtotal ▶								\$ 6,532,895	\$ 5,226,316	\$ 1,306,579	◀ 80% Federal + 20% Non-Federal

### ► Capacity

	Capacity		Pioneer Valley		Capacity			\$ -	\$ -	\$ -	
Capacity subtotal ▶								\$ -	\$ -	\$ -	◀ Funding Split Varies by Funding Source

## ► Section 3 / Planning / Adjustments / Pass-throughs

### ► Planning / Adjustments / Pass-throughs

			Pioneer Valley		ABP GANS Repayment	Multiple		\$ -	\$ -	\$ -	
Other Statewide Items subtotal ▶								\$ -	\$ -	\$ -	◀ Funding Split Varies by Funding Source

## ► Section 4 / Non-Federally Aided Projects

### ► Non-Federally Aided Projects

	Non-Federally Aided		Pioneer Valley		Non-Federal Aid			\$ -		\$ -	
	Non-Federally Aided Projects		Pioneer Valley		Non-Federal Aid			\$ -		\$ -	
Non-Federal Aid subtotal ▶								\$ -		\$ -	◀ 100% Non-Federal

## 2019 Summary

	TIP Section 1 3: ▼	TIP Section 4: ▼	Total of All Projects ▼	
Total ▶	\$ 64,690,176	\$ -	\$ 64,690,176	◀ Total Spending in Region
Federal Funds ▶	\$ 53,583,266		\$ 53,583,266	◀ Total Federal Spending in Region
Non-Federal Funds ▶	\$ 11,106,910	\$ -	\$ 11,106,910	◀ Total Non-Federal Spending in Region

# 2020 Pioneer Valley Region Transportation Improvement Program

Amendment / Adjustment Type ▼	STIP Program ▼	MassDOT Project ID ▼	Metropolitan Planning Organization ▼	Municipality Name ▼	MassDOT Project Description ▼	MassDOT District ▼	Funding Source ▼	Total Programmed Funds ▼	Federal Funds ▼	Non-Federal Funds ▼	Additional Information ▼ <i>Present information as follows, if applicable: a) Planning / Design / or Construction; b) total project cost and funding sources used; c) advance construction</i>
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## ► Section 1A / Regionally Prioritized Projects

### ► Regionally Prioritized Projects

Roadway Reconstruction	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	\$ 5,500,000	\$ 4,400,000	\$ 1,100,000	Construction / (YOE \$7,599,876 STP) / 48.5 TEC / 25% HSIP, TAP, STP, CMAQ	
Roadway Reconstruction	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	CMAQ	\$ 599,876	\$ 479,901	\$ 119,975	Construction / (YOE \$7,599,876 STP) / 48.5 TEC / 25% HSIP, TAP, STP, CMAQ	
Roadway Reconstruction	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	HSIP	\$ 1,000,000	\$ 900,000	\$ 100,000	Construction / (YOE \$7,599,876 STP) / 48.5 TEC / 25% HSIP, TAP, STP, CMAQ	
Roadway Reconstruction	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	TAP	\$ 500,000	\$ 400,000	\$ 100,000	Construction / (YOE \$7,599,876 STP) / 48.5 TEC / 25% HSIP, TAP, STP, CMAQ	
Roadway Reconstruction	604434	Pioneer Valley	Chicopee	CHICOPEE- RECONSTRUCTION & RELATED WORK ON FULLER ROAD, FROM MEMORIAL DR (RTE 33) TO SHAWINIGAN DR (2.0 MILES)	2	STP	\$ 5,907,953	\$ 4,726,362	\$ 1,181,591	Construction / (YOE \$7,907,953 STP) / 48.5 TEC / 25% STP, CMAQ	
Roadway Reconstruction	604434	Pioneer Valley	Chicopee	CHICOPEE- RECONSTRUCTION & RELATED WORK ON FULLER ROAD, FROM MEMORIAL DR (RTE 33) TO SHAWINIGAN DR (2.0 MILES)	2	CMAQ	\$ 2,000,000	\$ 1,600,000	\$ 400,000	Construction / (YOE \$7,907,953 STP) / 48.5 TEC / 25% STP, CMAQ	
Roadway Reconstruction	608236	Pioneer Valley	Northampton	NORTHAMPTON- RECONSTRUCTION OF DAMON ROAD, FROM ROUTE 9 TO ROUTE 5, INCLUDES DRAINAGE SYSTEM REPAIRS & SLOPE STABILIZATION AT THE NORWOTTUCK RAIL TRAIL	2	STP	\$ 10,248,854	\$ 8,199,083	\$ 2,049,771	Construction / (YOE \$10,248,854 STP) / 66.5 TEC / 75% STP	
							\$ -	\$ -	\$ -		
Regionally Prioritized Projects subtotal ►							\$ 25,756,683	\$ 20,705,346	\$ 5,051,337	◀ 80% Federal + 20% Non-Federal	

## ► Section 1A / Fiscal Constraint Analysis

Total Regional Federal Aid Funds Programmed ►		\$ 25,756,683	\$ 25,782,146	◀ Total Budget	\$ 25,463	Target Funds Available
STP programmed ►	\$ 21,656,807	\$ 17,325,446	◀ STP			
HSIP programmed ►	\$ 1,000,000	\$ 900,000	◀ HSIP			
CMAQ programmed ►	\$ 2,599,876	\$ 2,079,901	◀ CMAQ			
TAP programmed ►	\$ 500,000	\$ 400,000	◀ TAP			

*Section 1A Instructions: MPO Template Name) Choose Regional Name from dropdown list to populate header and MPO column; Column C) Enter ID from ProjectInfo; Column E) Choose Municipality Name from dropdown list; Column H) Choose the Funding Source being used for the project - if multiple funding sources are being used enter multiple lines; Column I) Enter the total amount of funds being programmed in this fiscal year and for each funding source; Column J) Federal funds autocalculates. Please verify the amount and only change if needed for flex. Column K) Non-federal funds autocalculates. Please verify the split/match - if matching*

## ► Section 1B / Earmark or Discretionary Grant Funded Projects

### ► Other Federal Aid

	Pioneer Valley	Other Federal Aid	HPP	\$ -	\$ -	\$ -	
Other Federal Aid subtotal ►				\$ -	\$ -	\$ -	◀ Funding Split Varies by Funding Source

## ► Section 2A / State Prioritized Reliability Projects

### ► Bridge Program / Inspections

# 2020 Pioneer Valley Region Transportation Improvement Program

Amendment / Adjustment Type ▼	STIP Program ▼	MassDOT Project ID ▼	Metropolitan Planning Organization ▼	Municipality Name ▼	MassDOT Project Description ▼	MassDOT District ▼	Funding Source ▼	Total Programmed Funds ▼	Federal Funds ▼	Non-Federal Funds ▼	Additional Information ▼ <i>Present information as follows, if applicable: a) Planning / Design / or Construction; b) total project cost and funding sources used; c) advance construction</i>
	Bridge Program		Pioneer Valley		Bridge Inspection			\$ -	\$ -	\$ -	
Bridge Program / Inspections subtotal ▶								\$ -	\$ -	\$ -	◀ Funding Split Varies by Funding Source
<b>► Bridge Program / Off-System</b>											
	Bridge Program	608631	Pioneer Valley		WESTHAMPTON- BRIDGE REPLACEMENT, W-27-005, KINGS HIGHWAY OVER N BRANCH MANHAN RIVER	2	STP-BR-OFF	\$ 3,072,000	\$ 2,457,600	\$ 614,400	
Bridge Program / Off-System subtotal ▶								\$ 3,072,000	\$ 2,457,600	\$ 614,400	◀ 80% Federal + 20% Non-Federal
<b>► Bridge Program / On-System (NHS)</b>											
	Bridge Program	400103	Pioneer Valley		WESTFIELD- BRIDGE REPLACEMENT, W-25-006, ROUTE 10/202 (SOUTHWICK ROAD) OVER THE LITTLE RIVER	2	NHPP-On	\$ 12,732,554	\$ 10,186,043	\$ 2,546,511	
	Bridge Program	606552	Pioneer Valley		NORTHAMPTON- BRIDGE RECONSTRUCTION, N-19-059, I-91 OVER US 5/BMRR & N-19-060, I-91 OVER HOCKANUM ROAD	2	NHPP-On	\$ 11,378,353	\$ 9,102,682	\$ 2,275,671	AC Year 1 of 5, Total Cost \$56,891,767
Bridge Program / On-System (NHS) subtotal ▶								\$ 24,110,907	\$ 19,288,726	\$ 4,822,181	◀ Funding Split Varies by Funding Source
<b>► Bridge Program / On-System (Non-NHS)</b>											
	Bridge Program		Pioneer Valley		Bridge Program / On-System (Non-NHS)			\$ -	\$ -	\$ -	
Bridge Program / On-System (Non-NHS) subtotal ▶								\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal
<b>► Bridge Program / Systematic Maintenance</b>											
	Bridge Program		Pioneer Valley		Bridge Program / Systematic Maintenance			\$ -	\$ -	\$ -	
Bridge Program / Systematic Maintenance subtotal ▶								\$ -	\$ -	\$ -	◀ Funding Split Varies by Funding Source
<b>► Interstate Pavement</b>											
	Interstate Pavement		Pioneer Valley		Interstate Pavement			\$ -	\$ -	\$ -	
Interstate Pavement subtotal ▶								\$ -	\$ -	\$ -	◀ 90% Federal + 10% Non-Federal
<b>► Non-Interstate Pavement</b>											
	Non-Interstate Pavement	608473	Pioneer Valley	South Hadley	SOUTH HADLEY- RESURFACING AND RELATED WORK ON ROUTE 116	2	NHPP	\$ 2,208,960	\$ 1,767,168	\$ 441,792	
	Non-Interstate Pavement	604209	Pioneer Valley	Multiple	HOLYOKE- WEST SPRINGFIELD- REHABILITATION OF ROUTE 5	2	NHPP	\$ 13,953,264	\$ 11,162,611	\$ 2,790,653	
Non-Interstate Pavement subtotal ▶								\$ 16,162,224	\$ 12,929,779	\$ 3,232,445	◀ 80% Federal + 20% Non-Federal
<b>► Roadway Improvements</b>											
	Roadway Improvements		Pioneer Valley		Roadway Improvements			\$ -	\$ -	\$ -	
Roadway Improvements subtotal ▶								\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal
<b>► Safety Improvements</b>											
	Safety Improvements	608575	Pioneer Valley	Multiple	CHICOPEE TO HOLYOKE- GUIDE AND TRAFFIC SIGN REPLACEMENT ON I-391	2	HSIP	\$ 542,872	\$ 488,585	\$ 54,287	
Safety Improvements subtotal ▶								\$ 542,872	\$ 488,585	\$ 54,287	◀ Funding Split Varies by Funding Source
<b>► Section 2B / State Prioritized Modernization Projects</b>											
<b>► ADA Retrofits</b>											
	ADA Retrofits		Pioneer Valley		ADA Retrofits			\$ -	\$ -	\$ -	
ADA Retrofits subtotal ▶								\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal

# 2020 Pioneer Valley Region Transportation Improvement Program

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## ► Intersection Improvements

Intersection Improvements			Pioneer Valley		Intersection Improvements			\$ -	\$ -	\$ -	
Intersection Improvements subtotal ►								\$ -	\$ -	\$ -	◀ Funding Split Varies by Funding Source

## ► Intelligent Transportation Systems

Intelligent Transportation Systems			Pioneer Valley		Intelligent Transportation Systems			\$ -	\$ -	\$ -	
Intelligent Transportation System subtotal ►								\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal

## ► Roadway Reconstruction

Roadway Reconstruction			Pioneer Valley		Roadway Reconstruction			\$ -	\$ -	\$ -	
Roadway Reconstruction subtotal ►								\$ -	\$ -	\$ -	◀ Funding Split Varies by Funding Source

## ► Section 2C / State Prioritized Expansion Projects

### ► Bicycles and Pedestrians

Bicycles and Pedestrians	602911	Pioneer Valley	Chicopee	CHICOPEE- CONNECTICUT RIVERWALK & BIKEWAY CONSTRUCTION, FROM BOAT RAMP NEAR I-90 TO NASH FIELD (2.5 MILES), INCLUDES NEW BRIDGE C-13-060 OVER OVERFLOW CHANNEL	2	CMAQ	\$ 3,247,643	\$ 2,598,114	\$ 649,529		
Bicycles and Pedestrians subtotal ►								\$ 3,247,643	\$ 2,598,114	\$ 649,529	◀ 80% Federal + 20% Non-Federal

### ► Capacity

Capacity			Pioneer Valley		Capacity			\$ -	\$ -	\$ -	
Capacity			Pioneer Valley		Capacity			\$ -	\$ -	\$ -	
Capacity subtotal ►								\$ -	\$ -	\$ -	◀ Funding Split Varies by Funding Source

## ► Section 3 / Planning / Adjustments / Pass-throughs

### ► Planning / Adjustments / Pass-throughs

			Pioneer Valley		ABP GANS Repayment	Multiple		\$ -	\$ -	\$ -	
Other Statewide Items subtotal ►								\$ -	\$ -	\$ -	◀ Funding Split Varies by Funding Source

## ► Section 4 / Non-Federally Aided Projects

### ► Non-Federally Aided Projects

Non-Federally Aided			Pioneer Valley		Non-Federal Aid			\$ -		\$ -	
Non-Federally Aided Projects			Pioneer Valley		Non-Federal Aid			\$ -		\$ -	
Non-Federal Aid subtotal ►								\$ -		\$ -	◀ 100% Non-Federal

## 2020 Summary

	TIP Section 1 3: ▼	TIP Section 4: ▼	Total of All Projects ▼	
Total ►	\$ 72,892,329	\$ -	\$ 72,892,329	◀ Total Spending in Region
Federal Funds ►	\$ 58,468,150		\$ 58,468,150	◀ Total Federal Spending in Region
Non-Federal Funds ►	\$ 14,424,179	\$ -	\$ 14,424,179	◀ Total Non-Federal Spending in Region

# 2021 Pioneer Valley Region Transportation Improvement Program

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## ► Section 1A / Regionally Prioritized Projects

### ► Regionally Prioritized Projects

Intersection Improvements	608718	Pioneer Valley	Springfield	SPRINGFIELD- INTERSECTION IMPROVEMENTS AT BERKSHIRE AVENUE, COTTAGE AND HARVEY STREETS	2	STP	\$ 1,229,021	\$ 983,217	\$ 245,804	Construction / (YOE \$2,229,021 STP) / 41.5 TEC Score / Pre 25% HSIP, STP
Intersection Improvements	608718	Pioneer Valley	Springfield	SPRINGFIELD- INTERSECTION IMPROVEMENTS AT BERKSHIRE AVENUE, COTTAGE AND HARVEY STREETS	2	HSIP	\$ 1,000,000	\$ 900,000	\$ 100,000	Construction / (YOE \$2,229,021 STP) / 41.5 TEC Score / Pre 25% HSIP, STP
Intersection Improvements	608782	Pioneer Valley	Springfield	SPRINGFIELD- INTERSECTION IMPROVEMENTS AT COTTAGE STREET, INDUSTRY AVENUE AND ROBBINS ROAD	2	CMAQ	\$ 1,944,000	\$ 1,555,200	\$ 388,800	Construction / (YOE \$1,944,000) STP) / 46.5 TEC Score / Pre 25% CMAQ
Roadway Improvements	608084	Pioneer Valley	Amherst	AMHERST- IMPROVEMENTS & RELATED WORK ON ROUTES 9 & 116, FROM UNIVERSITY DRIVE TO SOUTH PLEASANT STREET (0.8 MILES)	2	STP	\$ 3,121,863	\$ 2,497,490	\$ 624,373	Construction / (YOE \$3,621,863 STP) / 53.5 TEC / 25% STP, TAP
Roadway Improvements	608084	Pioneer Valley	Amherst	AMHERST- IMPROVEMENTS & RELATED WORK ON ROUTES 9 & 116, FROM UNIVERSITY DRIVE TO SOUTH PLEASANT STREET (0.8 MILES)	2	TAP	\$ 500,000	\$ 400,000	\$ 100,000	Construction / (YOE \$3,621,863 STP) / 53.5 TEC / 25% STP, TAP
Intersection Improvements	607502	Pioneer Valley	Northampton	NORTHAMPTON- INTERSECTION IMPROVEMENTS AT KING STREET, NORTH STREET & SUMMER STREET AND AT KING STREET & FINN STREET	2	STP	\$ 2,655,054	\$ 2,124,043	\$ 531,011	Construction / (YOE \$3,655,054 STP, CMAQ) / 65 TEC / 25% STP, CMAQ
Intersection Improvements	607502	Pioneer Valley	Northampton	NORTHAMPTON- INTERSECTION IMPROVEMENTS AT KING STREET, NORTH STREET & SUMMER STREET AND AT KING STREET & FINN STREET	2	CMAQ	\$ 1,000,000	\$ 800,000	\$ 200,000	Construction / (YOE \$3,655,054 STP, CMAQ) / 65 TEC / 25% STP, CMAQ
Roadway Reconstruction	608577	Pioneer Valley	Easthampton	EASTHAMPTON- IMPROVEMENTS AND RELATED WORK ON UNION STREET (ROUTE 141) FROM PAYSON AVENUE TO HIGH STREET (0.36 MILES)	2	STP	\$ 2,201,643	\$ 1,761,314	\$ 440,329	Construction / (YOE \$2,201,643 STP) / 62 TEC / Pre 25% STP
Roadway Reconstruction	605032	Pioneer Valley	Hadley	HADLEY- RECONSTRUCTION ON ROUTE 9, FROM MIDDLE STREET TO MAPLE/SOUTH MAPLE STREET	2	STP	\$ 12,652,410	\$ 10,121,928	\$ 2,530,482	Construction / (YOE \$25,805,364) A/C Year 1 of 2 FFY 2021 \$12,652,410, FFY 2022 \$13,152,954 STP / 50 TEC / 25%

Regionally Prioritized Projects subtotal ► **\$ 26,303,991** \$ 21,143,193 \$ 5,160,798 ◀ 80% Federal + 20% Non-Federal

## ► Section 1A / Fiscal Constraint Analysis

**Total Regional Federal Aid Funds Programmed ► \$ 26,303,991** \$ 26,303,990 ◀ **Total Budget** \$ (1) **Funds Over Programmed**

**Section 1A Instructions:** MPO Template Name) Choose Regional Name from dropdown list to populate header and MPO column; **Column C**) Enter ID from ProjectInfo; **Column E**) Choose Municipality Name from dropdown list; **Column H**) Choose the Funding Source being used for the project - if multiple funding sources are being used enter multiple lines; **Column I**) Enter the total amount of funds being programmed in this fiscal year and for each funding source; **Column J**) Federal funds autocalculates. Please verify the amount and only change if needed for flex. **Column K**) Non-federal funds autocalculates. Please verify the split/match - if matching

STP programmed ►	\$ 21,859,991	\$ 17,487,993	◀ STP
HSIP programmed ►	\$ 1,000,000	\$ 900,000	◀ HSIP
CMAQ programmed ►	\$ 2,944,000	\$ 2,355,200	◀ CMAQ
TAP programmed ►	\$ 500,000	\$ 400,000	◀ TAP

## ► Section 1B / Earmark or Discretionary Grant Funded Projects

### ► Other Federal Aid

	Pioneer Valley	Other Federal Aid	HPP	\$ -	\$ -	\$ -
	Pioneer Valley	Other Federal Aid	HPP	\$ -	\$ -	\$ -

Other Federal Aid subtotal ► \$ - \$ - \$ - ◀ Funding Split Varies by Funding Source

## ► Section 2A / State Prioritized Reliability Projects

# 2021 Pioneer Valley Region Transportation Improvement Program

Amendment / Adjustment Type ▼	STIP Program ▼	MassDOT Project ID ▼	Metropolitan Planning Organization ▼	Municipality Name ▼	MassDOT Project Description ▼	MassDOT District ▼	Funding Source ▼	Total Programmed Funds ▼	Federal Funds ▼	Non-Federal Funds ▼	Additional Information ▼ <i>Present information as follows, if applicable: a) Planning / Design / or Construction; b) total project cost and funding sources used; c) advance construction</i>
<b>► Bridge Program / Inspections</b>											
	Bridge Program		Pioneer Valley		Bridge Inspection			\$ -	\$ -	\$ -	
Bridge Program / Inspections subtotal ►								\$ -	\$ -	\$ -	◀ Funding Split Varies by Funding Source
<b>► Bridge Program / Off-System</b>											
	Bridge Program		Pioneer Valley		Bridge Program / Off-System			\$ -	\$ -	\$ -	
Bridge Program / Off-System subtotal ►								\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal
<b>► Bridge Program / On-System (NHS)</b>											
	Bridge Program	608460	Pioneer Valley		HADLEY- BRIDGE REPLACEMENT, H-01-005, BAY ROAD (ROUTE 47) OVER THE FORT RIVER	2	NHPP-On	\$ 5,647,995	\$ 4,518,396	\$ 1,129,599	
	Bridge Program	606552	Pioneer Valley		NORTHAMPTON- BRIDGE RECONSTRUCTION, N-19-059, I-91 OVER US 5/BMRR & N-19-060, I-91 OVER HOCKANUM ROAD	2	NHPP-On	\$ 11,378,353	\$ 9,102,682	\$ 2,275,671	AC Year 2 of 5, Total Cost \$56,891,767
Bridge Program / On-System (NHS) subtotal ►								\$ 17,026,348	\$ 13,621,078	\$ 3,405,270	◀ Funding Split Varies by Funding Source
<b>► Bridge Program / On-System (Non-NHS)</b>											
	Bridge Program		Pioneer Valley		Bridge Program / On-System (Non-NHS)			\$ -	\$ -	\$ -	
Bridge Program / On-System (Non-NHS) subtotal ►								\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal
<b>► Bridge Program / Systematic Maintenance</b>											
	Bridge Program		Pioneer Valley		Bridge Program / Systematic Maintenance			\$ -	\$ -	\$ -	
Bridge Program / Systematic Maintenance subtotal ►								\$ -	\$ -	\$ -	◀ Funding Split Varies by Funding Source
<b>► Interstate Pavement</b>											
	Interstate Pavement		Pioneer Valley		Interstate Pavement			\$ -	\$ -	\$ -	
Interstate Pavement subtotal ►								\$ -	\$ -	\$ -	◀ 90% Federal + 10% Non-Federal
<b>► Non-Interstate Pavement</b>											
	Non-Interstate Pavement	608487	Pioneer Valley	Westfield	WESTFIELD- RESURFACING AND RELATED WORK ON RTE 10 AND 202	2	NHPP	\$ 2,676,240	\$ 2,140,992	\$ 535,248	
	Non-Interstate Pavement	608489	Pioneer Valley	Wilbraham	WILBRAHAM- RESURFACING AND RELATED WORK ON ROUTE 20	2	NHPP	\$ 8,602,200	\$ 6,881,760	\$ 1,720,440	
Non-Interstate Pavement subtotal ►								\$ 11,278,440	\$ 9,022,752	\$ 2,255,688	◀ 80% Federal + 20% Non-Federal
<b>► Roadway Improvements</b>											
	Roadway Improvements		Pioneer Valley		Roadway Improvements			\$ -	\$ -	\$ -	
Roadway Improvements subtotal ►								\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal
<b>► Safety Improvements</b>											
	Safety Improvements		Pioneer Valley		Safety Improvements			\$ -	\$ -	\$ -	
Safety Improvements subtotal ►								\$ -	\$ -	\$ -	◀ Funding Split Varies by Funding Source
<b>► Section 2B / State Prioritized Modernization Projects</b>											
<b>► ADA Retrofits</b>											
	ADA Retrofits		Pioneer Valley		ADA Retrofits			\$ -	\$ -	\$ -	
ADA Retrofits subtotal ►								\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal
<b>► Intersection Improvements</b>											

# 2021 Pioneer Valley Region Transportation Improvement Program

Amendment / Adjustment Type ▼	STIP Program ▼	MassDOT Project ID ▼	Metropolitan Planning Organization ▼	Municipality Name ▼	MassDOT Project Description ▼	MassDOT District ▼	Funding Source ▼	Total Programmed Funds ▼	Federal Funds ▼	Non-Federal Funds ▼	Additional Information ▼ <i>Present information as follows, if applicable: a) Planning / Design / or Construction; b) total project cost and funding sources used; c) advance construction</i>
	Intersection Improvements	606450	Pioneer Valley	Holyoke	HOLYOKE- TRAFFIC SIGNAL UPGRADES AT 15 INTERSECTIONS ALONG HIGH & MAPLE STREETS	2	CMAQ	\$ 4,450,000	\$ 3,560,000	\$ 890,000	
Intersection Improvements subtotal ▶								\$ 4,450,000	\$ 3,560,000	\$ 890,000	◀ Funding Split Varies by Funding Source
<b>▶ Intelligent Transportation Systems</b>											
	Intelligent Transportation Systems		Pioneer Valley		Intelligent Transportation Systems			\$ -	\$ -	\$ -	
Intelligent Transportation System subtotal ▶								\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal
<b>▶ Roadway Reconstruction</b>											
	Roadway Reconstruction		Pioneer Valley		Roadway Reconstruction			\$ -	\$ -	\$ -	
Roadway Reconstruction subtotal ▶								\$ -	\$ -	\$ -	◀ Funding Split Varies by Funding Source
<b>▶ Section 2C / State Prioritized Expansion Projects</b>											
<b>▶ Bicycles and Pedestrians</b>											
	Bicycles and Pedestrians	608157	Pioneer Valley	Springfield	SPRINGFIELD- MCKNIGHT COMMUNITY TRAIL CONSTRUCTION, FROM ARMORY STREET TO HAYDEN AVENUE (1.5 MILES)	2	CMAQ	\$ 3,694,624	\$ 2,955,699	\$ 738,925	
Bicycles and Pedestrians subtotal ▶								\$ 3,694,624	\$ 2,955,699	\$ 738,925	◀ 80% Federal + 20% Non-Federal
<b>▶ Capacity</b>											
	Capacity		Pioneer Valley		Capacity			\$ -	\$ -	\$ -	
Capacity subtotal ▶								\$ -	\$ -	\$ -	◀ Funding Split Varies by Funding Source
<b>▶ Section 3 / Planning / Adjustments / Pass-throughs</b>											
<b>▶ Planning / Adjustments / Pass-throughs</b>											
			Pioneer Valley		ABP GANS Repayment	Multiple		\$ -	\$ -	\$ -	
Other Statewide Items subtotal ▶								\$ -	\$ -	\$ -	◀ Funding Split Varies by Funding Source
<b>▶ Section 4 / Non-Federally Aided Projects</b>											
<b>▶ Non-Federally Aided Projects</b>											
	Non-Federal Aid		Pioneer Valley		Non-Federal Aid			\$ -	\$ -	\$ -	
Non-Federal Aid subtotal ▶								\$ -	\$ -	\$ -	◀ 100% Non-Federal

## 2021 Summary

	TIP Section 3: ▼	TIP Section 4: ▼	Total of All Projects ▼	
Total ▶	\$ 62,753,403	\$ -	\$ 62,753,403	◀ Total Spending in Region
Federal Funds ▶	\$ 50,302,722	\$ -	\$ 50,302,722	◀ Total Federal Spending in Region
Non-Federal Funds ▶	\$ 12,450,681	\$ -	\$ 12,450,681	◀ 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

# 2022 Pioneer Valley Region Transportation Improvement Program

Amendment / Adjustment Type ▼	STIP Program ▼	MassDOT Project ID ▼	Metropolitan Planning Organization ▼	Municipality Name ▼	MassDOT Project Description ▼	MassDOT District ▼	Funding Source ▼	Total Programmed Funds ▼	Federal Funds ▼	Non-Federal Funds ▼	Additional Information ▼ <i>Present information as follows, if applicable: a) Planning / Design / or Construction; b) total project cost and funding sources used; c) advance construction</i>
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## ► Section 1A / Regionally Prioritized Projects

### ► Regionally Prioritized Projects

Roadway Reconstruction	608374	Pioneer Valley	West Springfield	WEST SPRINGFIELD- RECONSTRUCTION OF MEMORIAL AVENUE (ROUTE 147), FROM COLONY ROAD TO THE MEMORIAL AVENUE ROTARY (1.4 MILES)	2	STP	\$ 7,390,199	\$ 5,912,159	\$ 1,478,040	Construction / (YOE \$19,797,253) AC Year 1 of 2 FFY 2022 \$7,390,199 FFY2023 \$12,407,054 / 66.5 TEC / 25% / STP
Intersection Improvements	606895	Pioneer Valley	Granby	GRANBY- IMPROVEMENTS @ 2 LOCATIONS ON ROUTE 202: SCHOOL STREET & FIVE CORNERS	2	STP	\$ 1,866,866	\$ 1,493,493	\$ 373,373	Construction / (YOE \$2,866,866) STP) / 42 TEC / 25% STP, HSIP
Intersection Improvements	606895	Pioneer Valley	Granby	GRANBY- IMPROVEMENTS @ 2 LOCATIONS ON ROUTE 202: SCHOOL STREET & FIVE CORNERS	2	HSIP	\$ 1,000,000	\$ 900,000	\$ 100,000	Construction / (YOE \$2,866,866) STP) / 42 TEC / 25% STP, HSIP
Intersection Improvements	606156	Pioneer Valley	Holyoke	HOLYOKE- RECONSTRUCTION OF I-91 INTERCHANGE 17 & ROUTE 141	2	STP	\$ 3,429,583	\$ 2,743,666	\$ 685,917	Construction / (YOE \$3,429,583 STP) / 47 TEC / Pre 25%
Roadway Reconstruction	605032	Pioneer Valley	Hadley	HADLEY- RECONSTRUCTION ON ROUTE 9, FROM MIDDLE STREET TO MAPLE/SOUTH MAPLE STREET	2	STP	\$ 10,652,954	\$ 8,522,363	\$ 2,130,591	Construction / (YOE \$25,805,364) A/C Year 2 of 2 FFY2021 \$12,652,410, FFY 2022 \$13,152,954 / 50 TEC / 25% STP, CMAQ, TAP
Roadway Reconstruction	605032	Pioneer Valley	Hadley	HADLEY- RECONSTRUCTION ON ROUTE 9, FROM MIDDLE STREET TO MAPLE/SOUTH MAPLE STREET	2	TAP	\$ 500,000	\$ 400,000	\$ 100,000	Construction / (YOE \$25,805,364) A/C Year 2 of 2 FFY2021 \$12,652,410, FFY 2022 \$13,152,954 / 50 TEC / 25% STP, CMAQ, TAP
Roadway Reconstruction	605032	Pioneer Valley	Hadley	HADLEY- RECONSTRUCTION ON ROUTE 9, FROM MIDDLE STREET TO MAPLE/SOUTH MAPLE STREET	2	CMAQ	\$ 2,000,000	\$ 1,600,000	\$ 400,000	Construction / (YOE \$25,805,364) A/C Year 2 of 2 FFY2021 \$12,652,410, FFY 2022 \$13,152,954 / 50 TEC / 25% STP, CMAQ, TAP
		Pioneer Valley					\$ -	\$ -	\$ -	
Regionally Prioritized Projects subtotal ►							\$ 26,839,602	\$ 21,571,682	\$ 5,267,920	◀ 80% Federal + 20% Non-Federal

## ► Section 1A / Fiscal Constraint Analysis

**Total Regional Federal Aid Funds Programmed ► \$ 26,839,602 \$ 26,839,603 ◀ Total Budget \$ 1 Target Funds Available**

**Section 1A instructions:** MPO (Template Name) Choose Regional Name from dropdown list to populate header and MPO column; **Column C**) Enter ID from ProjectInfo; **Column E**) Choose Municipality Name from dropdown list; **Column H**) Choose the Funding Source being used for the project - if multiple funding sources are being used enter multiple lines; **Column I**) Enter the total amount of funds being programmed in this fiscal year and for each funding source; **Column J**) Federal funds autocalculates. Please verify the amount and only change if needed for flex. **Column K**) Non-federal funds autocalculates. Please verify the split/match - if matching

STP programmed ►	\$ 23,339,602	\$ 18,671,682	◀ STP
HSIP programmed ►	\$ 1,000,000	\$ 900,000	◀ HSIP
CMAQ programmed ►	\$ 2,000,000	\$ 1,600,000	◀ CMAQ
TAP programmed ►	\$ 500,000	\$ 400,000	◀ TAP

## ► Section 1B / Earmark or Discretionary Grant Funded Projects

### ► Other Federal Aid

	Pioneer Valley	Other Federal Aid	HPP	\$ -	\$ -	\$ -
Other Federal Aid subtotal ►				\$ -	\$ -	\$ -

◀ Funding Split Varies by Funding Source

## ► Section 2A / State Prioritized Reliability Projects

### ► Bridge Program / Inspections

Bridge Program	Pioneer Valley	Bridge Inspection		\$ -	\$ -	\$ -
Bridge Program / Inspections subtotal ►				\$ -	\$ -	\$ -

◀ Funding Split Varies by Funding Source

### ► Bridge Program / Off-System

Bridge Program	608846	Pioneer Valley		MONSIEUR- BRIDGE REPLACEMENT, MP27-015, OLD WALES ROAD OVER CONANT BROOK	2	STP-BR-OFF	\$ 1,742,784	\$ 1,394,227	\$ 348,557
Bridge Program	608869	Pioneer Valley		NORTHAMPTON- BRIDGE REPLACEMENT, N-19-068, OLD SPRINGFIELD ROAD OVER THE MILL RIVER	2	STP-BR-OFF	\$ 3,981,000	\$ 3,184,800	\$ 796,200
Bridge Program	608847	Pioneer Valley		WALES- BRIDGE REPLACEMENT, W-02-002, HOLLAND ROAD OVER WALES BROOK	2	STP-BR-OFF	\$ 540,096	\$ 432,077	\$ 108,019

# 2022 Pioneer Valley Region Transportation Improvement Program

Amendment / Adjustment Type ▼	STIP Program ▼	MassDOT Project ID ▼	Metropolitan Planning Organization ▼	Municipality Name ▼	MassDOT Project Description ▼	MassDOT District ▼	Funding Source ▼	Total Programmed Funds ▼	Federal Funds ▼	Non-Federal Funds ▼	Additional Information ▼ <i>Present information as follows, if applicable: a) Planning / Design / or Construction; b) total project cost and funding sources used; c) advance construction</i>
Bridge Program / Off-System subtotal ▶								\$ 6,263,880	\$ 5,011,104	\$ 1,252,776	◀ 80% Federal + 20% Non-Federal
<b>► Bridge Program / On-System (NHS)</b>											
	Bridge Program	606552	Pioneer Valley		NORTHAMPTON- BRIDGE RECONSTRUCTION, N-19-059, I-91 OVER US 5/BMRR & N-19-060, I-91 OVER HOCKANUM ROAD	1	NHPP-On	\$ 11,378,353	\$ 9,102,682	\$ 2,275,671	AC Year 3 of 5, Total Cost \$56,891,767
Bridge Program / On-System (NHS) subtotal ▶								\$ 11,378,353	\$ 9,102,682	\$ 2,275,671	◀ Funding Split Varies by Funding Source
<b>► Bridge Program / On-System (Non-NHS)</b>											
	Bridge Program		Pioneer Valley		Bridge Program / On-System (Non-NHS)			\$ -	\$ -	\$ -	
Bridge Program / On-System (Non-NHS) subtotal ▶								\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal
<b>► Bridge Program / Systematic Maintenance</b>											
	Bridge Program		Pioneer Valley		Bridge Program / Systematic Maintenance			\$ -	\$ -	\$ -	
Bridge Program / Systematic Maintenance subtotal ▶								\$ -	\$ -	\$ -	◀ Funding Split Varies by Funding Source
<b>► Interstate Pavement</b>											
	Interstate Pavement		Pioneer Valley		Interstate Pavement			\$ -	\$ -	\$ -	
Interstate Pavement subtotal ▶								\$ -	\$ -	\$ -	◀ 90% Federal + 10% Non-Federal
<b>► Non-Interstate Pavement</b>											
	Non-Interstate Pavement	608466	Pioneer Valley	Multiple	BELCHERTOWN- GRANBY- RESURFACING AND RELATED WORK ON ROUTE 202	2	NHPP	\$ 4,163,040	\$ 3,330,432	\$ 832,608	
Non-Interstate Pavement subtotal ▶								\$ 4,163,040	\$ 3,330,432	\$ 832,608	◀ 80% Federal + 20% Non-Federal
<b>► Roadway Improvements</b>											
	Roadway Improvements		Pioneer Valley		Roadway Improvements			\$ -	\$ -	\$ -	
Roadway Improvements subtotal ▶								\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal
<b>► Safety Improvements</b>											
	Safety Improvements		Pioneer Valley		Safety Improvements			\$ -	\$ -	\$ -	
Safety Improvements subtotal ▶								\$ -	\$ -	\$ -	◀ Funding Split Varies by Funding Source
<b>► Section 2B / State Prioritized Modernization Projects</b>											
<b>► ADA Retrofits</b>											
	ADA Retrofits		Pioneer Valley		ADA Retrofits			\$ -	\$ -	\$ -	
ADA Retrofits subtotal ▶								\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal
<b>► Intersection Improvements</b>											
	Intersection Improvements	608560	Pioneer Valley	Springfield	SPRINGFIELD- IMPROVEMENTS ON ST JAMES AVENUE AT TAPLEY STREET	2	HSIP	\$ 2,688,000	\$ 2,419,200	\$ 268,800	
	Intersection Improvements	608565	Pioneer Valley	Springfield	SPRINGFIELD- IMPROVEMENTS ON ST JAMES AVENUE AT ST JAMES BOULEVARD AND CAREW STREET AT TAPLEY STREET	2	HSIP	\$ 2,784,000	\$ 2,505,600	\$ 278,400	
Intersection Improvements subtotal ▶								\$ 5,472,000	\$ 4,924,800	\$ 547,200	◀ Funding Split Varies by Funding Source
<b>► Intelligent Transportation Systems</b>											
	Intelligent Transportation Systems		Pioneer Valley		Intelligent Transportation Systems			\$ -	\$ -	\$ -	
Intelligent Transportation System subtotal ▶								\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal

# 2022 Pioneer Valley Region Transportation Improvement Program

Amendment / Adjustment Type ▼	STIP Program ▼	MassDOT Project ID ▼	Metropolitan Planning Organization ▼	Municipality Name ▼	MassDOT Project Description ▼	MassDOT District ▼	Funding Source ▼	Total Programmed Funds ▼	Federal Funds ▼	Non-Federal Funds ▼	Additional Information ▼ <i>Present information as follows, if applicable: a) Planning / Design / or Construction; b) total project cost and funding sources used; c) advance construction</i>
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## ► Roadway Reconstruction

	Roadway Reconstruction		Pioneer Valley		Roadway Reconstruction			\$ -	\$ -	\$ -	
Roadway Reconstruction subtotal ►								\$ -	\$ -	\$ -	◀ Funding Split Varies by Funding Source

## ► Section 2C / State Prioritized Expansion Projects

### ► Bicycles and Pedestrians

	Bicycles and Pedestrians	602912	Pioneer Valley	Chicopee	CHICOPEE- CHICOPEE RIVER RIVERWALK MULTI-USE PATH CONSTRUCTION, FROM GRAPE STREET TO FRONT STREET (NEAR ELLERTON STREET) (1 MILE)	2	CMAQ	\$ 2,273,911	\$ 1,819,129	\$ 454,782	
Bicycles and Pedestrians subtotal ►								\$ 2,273,911	\$ 1,819,129	\$ 454,782	◀ 80% Federal + 20% Non-Federal

### ► Capacity

	Capacity		Pioneer Valley		Capacity			\$ -	\$ -	\$ -	
Capacity subtotal ►								\$ -	\$ -	\$ -	◀ Funding Split Varies by Funding Source

## ► Section 3 / Planning / Adjustments / Pass-throughs

### ► Planning / Adjustments / Pass-throughs

			Pioneer Valley		ABP GANS Repayment	Multiple		\$ -	\$ -	\$ -	
Other Statewide Items subtotal ►								\$ -	\$ -	\$ -	◀ Funding Split Varies by Funding Source

## ► Section 4 / Non-Federally Aided Projects

### ► Non-Federally Aided Projects

	Non-Federal Aid		Pioneer Valley		Non-Federal Aid			\$ -	\$ -	\$ -	
Non-Federal Aid subtotal ►								\$ -	\$ -	\$ -	◀ 100% Non-Federal

## 2022 Summary

	TIP Section 1 3: ▼	TIP Section 4: 4: ▼	Total of All Projects ▼	
Total ►	\$ 56,390,786	\$ -	\$ 56,390,786	◀ Total Spending in Region
Federal Funds ►	\$ 45,759,829	\$ -	\$ 45,759,829	◀ Total Federal Spending in Region
Non-Federal Funds ►	\$ 10,630,957	\$ -	\$ 10,630,957	◀ 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

# 2023 Pioneer Valley Region Transportation Improvement Program

Amendment / Adjustment Type ▼	STIP Program ▼	MassDOT Project ID ▼	Metropolitan Planning Organization ▼	Municipality Name ▼	MassDOT Project Description ▼	MassDOT District ▼	Funding Source ▼	Total Programmed Funds ▼	Federal Funds ▼	Non-Federal Funds ▼	Additional Information ▼ <i>Present information as follows, if applicable: a) Planning / Design / or Construction; b) total project cost and funding sources used; c) advance construction</i>
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## ► Section 1A / Regionally Prioritized Projects

### ► Regionally Prioritized Projects

Roadway Reconstruction	608374	Pioneer Valley	West Springfield	WEST SPRINGFIELD- RECONSTRUCTION OF MEMORIAL AVENUE (ROUTE 147), FROM COLONY ROAD TO THE MEMORIAL AVENUE ROTARY (1.4 MILES)	2	STP	\$ 8,907,054	\$ 7,125,643	\$ 1,781,411	Construction / (YOE \$19,797,253) AC Year 2 of 2 FFY 2022 \$7,390,199 FFY2023 \$12,407,054 / 66.5 TEC / 25% / STP	
Roadway Reconstruction	608374	Pioneer Valley	West Springfield	WEST SPRINGFIELD- RECONSTRUCTION OF MEMORIAL AVENUE (ROUTE 147), FROM COLONY ROAD TO THE MEMORIAL AVENUE ROTARY (1.4 MILES)	2	CMAQ	\$ 2,000,000	\$ 1,600,000	\$ 400,000	Construction / (YOE \$19,797,253) AC Year 2 of 2 FFY 2022 \$7,390,199 FFY2023 \$12,407,054 / 66.5 TEC / 25% / STP	
Roadway Reconstruction	608374	Pioneer Valley	West Springfield	WEST SPRINGFIELD- RECONSTRUCTION OF MEMORIAL AVENUE (ROUTE 147), FROM COLONY ROAD TO THE MEMORIAL AVENUE ROTARY (1.4 MILES)	2	TAP	\$ 500,000	\$ 400,000	\$ 100,000	Construction / (YOE \$19,797,253) AC Year 2 of 2 FFY 2022 \$7,390,199 FFY2023 \$12,407,054 / 66.5 TEC / 25% / STP	
Roadway Reconstruction	608374	Pioneer Valley	West Springfield	WEST SPRINGFIELD- RECONSTRUCTION OF MEMORIAL AVENUE (ROUTE 147), FROM COLONY ROAD TO THE MEMORIAL AVENUE ROTARY (1.4 MILES)	2	HSIP	\$ 1,000,000	\$ 900,000	\$ 100,000	Construction / (YOE \$19,797,253) AC Year 2 of 2 FFY 2022 \$7,390,199 FFY2023 \$12,407,054 / 66.5 TEC / 25% / STP	
Roadway Reconstruction	PV0002	Pioneer Valley	Worthington	WORTHINGTON- RECONSTRUCTION & RELATED WORK ON ROUTE 143 (PHASE II)	1	STP	\$ 8,584,000	\$ 6,867,200	\$ 1,716,800	Construction / (YOE \$8,584,000) STP / 74.5 TEC / 75% Project Phase I funded in FFY 2019 Total project cost was \$16,300,000	
Roadway Reconstruction	608881	Pioneer Valley	Longmeadow	LONGMEADOW- SPRINGFIELD- RESURFACING AND INTERSECTION IMPROVEMENTS ON LONGMEADOW STREET (ROUTE 5) AND CONVERSE STREET (0.84 MILES)	2	STP	\$ 6,064,675	\$ 4,851,740	\$ 1,212,935	Construction (YOE \$6,064,675 / 54.5 TEC / Pre 25%	
		Pioneer Valley					\$ -	\$ -	\$ -		
Regionally Prioritized Projects subtotal ►							\$ 27,055,729	\$ 21,744,583	\$ 5,311,146	◀ 80% Federal + 20% Non-Federal	

## ► Section 1A / Fiscal Constraint Analysis

		Total Regional Federal Aid Funds Programmed ►	\$ 27,055,729	\$ 27,425,802	◀ Total Budget	\$ 370,073	Target Funds Available
<i>Section 1A Instructions: MPO Template Name</i> Choose Regional Name from dropdown list to populate header and MPO column; <b>Column C</b> Enter ID from ProjectInfo; <b>Column E</b> Choose Municipality Name from dropdown list; <b>Column H</b> Choose the Funding Source being used for the project - if multiple funding sources are being used enter multiple lines; <b>Column I</b> Enter the total amount of funds being programmed in this fiscal year and for each funding source; <b>Column J</b> Federal funds autocalculate. Please verify the amount and only change if needed for flex. <b>Column K</b> Non-federal funds autocalculate. Please verify the split/match - if matching		STP programmed ►	\$ 23,555,729	\$ 18,844,583	◀ STP		
		HSIP programmed ►	\$ 1,000,000	\$ 900,000	◀ HSIP		
		CMAQ programmed ►	\$ 2,000,000	\$ 1,600,000	◀ CMAQ		
		TAP programmed ►	\$ 500,000	\$ 400,000	◀ TAP		

## ► Section 1B / Earmark or Discretionary Grant Funded Projects

### ► Other Federal Aid

		Pioneer Valley	Other Federal Aid		HPP	\$ -	\$ -	\$ -	
Other Federal Aid subtotal ►						\$ -	\$ -	\$ -	◀ Funding Split Varies by Funding Source

## ► Section 2A / State Prioritized Reliability Projects

### ► Bridge Program / Inspections

Bridge Program		Pioneer Valley	Bridge Inspection			\$ -	\$ -	\$ -	
Bridge Program / Inspections subtotal ►						\$ -	\$ -	\$ -	◀ Funding Split Varies by Funding Source

### ► Bridge Program / Off-System

Bridge Program	609120	Pioneer Valley	Ludlow	LUDLOW- BRIDGE REPLACEMENT, L-16-026, PINEY LANE OVER BROAD BROOK	2	STP-BR-OFF	\$ 598,560	\$ 478,848	\$ 119,712	
Bridge Program / Off-System subtotal ►						\$ 598,560	\$ 478,848	\$ 119,712	◀ 80% Federal + 20% Non-Federal	

### ► Bridge Program / On-System (NHS)

# 2023 Pioneer Valley Region Transportation Improvement Program

Amendment / Adjustment Type ▼	STIP Program ▼	MassDOT Project ID ▼	Metropolitan Planning Organization ▼	Municipality Name ▼	MassDOT Project Description ▼	MassDOT District ▼	Funding Source ▼	Total Programmed Funds ▼	Federal Funds ▼	Non-Federal Funds ▼	Additional Information ▼ <i>Present information as follows, if applicable: a) Planning / Design / or Construction; b) total project cost and funding sources used; c) advance construction</i>
	Bridge Program	608848	Pioneer Valley	Springfield	SPRINGFIELD- BRIDGE REPLACEMENT, S-24-016, ARMORY STREET OVER CSX MAINLINE	2	NHPP-On	\$ 5,723,440	\$ 4,578,752	\$ 1,144,688	
	Bridge Program	608853	Pioneer Valley	Springfield	SPRINGFIELD- BRIDGE REPLACEMENT, S-24-026, ARMORY STREET OVER CSX	2	NHPP-On	\$ 3,948,640	\$ 3,158,912	\$ 789,728	
	Bridge Program	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-On	\$ 11,378,353	\$ 9,102,682	\$ 2,275,671	AC Year 4 of 5, Total Cost \$56,891,767
Bridge Program / On-System (NHS) subtotal ▶								\$ 21,050,433	\$ 16,840,346	\$ 4,210,087	◀ Funding Split Varies by Funding Source
<b>► Bridge Program / On-System (Non-NHS)</b>											
	Bridge Program		Pioneer Valley		Bridge Program / On-System (Non-NHS)			\$ -	\$ -	\$ -	
Bridge Program / On-System (Non-NHS) subtotal ▶								\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal
<b>► Bridge Program / Systematic Maintenance</b>											
	Bridge Program		Pioneer Valley		Bridge Program / Systematic Maintenance			\$ -	\$ -	\$ -	
Bridge Program / Systematic Maintenance subtotal ▶								\$ -	\$ -	\$ -	◀ Funding Split Varies by Funding Source
<b>► Interstate Pavement</b>											
	Interstate Pavement		Pioneer Valley		Interstate Pavement			\$ -	\$ -	\$ -	
Interstate Pavement subtotal ▶								\$ -	\$ -	\$ -	◀ 90% Federal + 10% Non-Federal
<b>► Non-Interstate Pavement</b>											
	Non-Interstate Pavement		Pioneer Valley		Non-Interstate Pavement			\$ -	\$ -	\$ -	
Non-Interstate Pavement subtotal ▶								\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal
<b>► Roadway Improvements</b>											
	Roadway Improvements		Pioneer Valley		Roadway Improvements			\$ -	\$ -	\$ -	
Roadway Improvements subtotal ▶								\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal
<b>► Safety Improvements</b>											
	Safety Improvements		Pioneer Valley		Safety Improvements			\$ -	\$ -	\$ -	
Safety Improvements subtotal ▶								\$ -	\$ -	\$ -	◀ Funding Split Varies by Funding Source
<b>► Section 2B / State Prioritized Modernization Projects</b>											
<b>► ADA Retrofits</b>											
	ADA Retrofits		Pioneer Valley		ADA Retrofits			\$ -	\$ -	\$ -	
ADA Retrofits subtotal ▶								\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal
<b>► Intersection Improvements</b>											
	Intersection Improvements		Pioneer Valley		Intersection Improvements			\$ -	\$ -	\$ -	
Intersection Improvements subtotal ▶								\$ -	\$ -	\$ -	◀ Funding Split Varies by Funding Source
<b>► Intelligent Transportation Systems</b>											
	Intelligent Transportation Systems		Pioneer Valley		Intelligent Transportation Systems			\$ -	\$ -	\$ -	
Intelligent Transportation System subtotal ▶								\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal
<b>► Roadway Reconstruction</b>											

# 2023 Pioneer Valley Region Transportation Improvement Program

Amendment / Adjustment Type ▼	STIP Program ▼	MassDOT Project ID ▼	Metropolitan Planning Organization ▼	Municipality Name ▼	MassDOT Project Description ▼	MassDOT District ▼	Funding Source ▼	Total Programmed Funds ▼	Federal Funds ▼	Non-Federal Funds ▼	Additional Information ▼ <i>Present information as follows, if applicable: a) Planning / Design / or Construction; b) total project cost and funding sources used; c) advance construction</i>
	Roadway Reconstruction		Pioneer Valley		Roadway Reconstruction			\$ -	\$ -	\$ -	
Roadway Reconstruction subtotal ▶								\$ -	\$ -	\$ -	◀ Funding Split Varies by Funding Source

## ► Section 2C / State Prioritized Expansion Projects

### ► Bicycles and Pedestrians

	Bicycles and Pedestrians	607823	Pioneer Valley	Southampton	SOUTHAMPTON- GREENWAY RAIL TRAIL CONSTRUCTION, FROM COLEMAN ROAD TO ROUTE 10 (3.5 MILES)	2	CMAQ	\$ 7,053,638	\$ 5,642,910	\$ 1,410,728	
Bicycles and Pedestrians subtotal ▶								\$ 7,053,638	\$ 5,642,910	\$ 1,410,728	◀ 80% Federal + 20% Non-Federal

### ► Capacity

	Capacity		Pioneer Valley		Capacity			\$ -	\$ -	\$ -	
Capacity subtotal ▶								\$ -	\$ -	\$ -	◀ Funding Split Varies by Funding Source

## ► Section 3 / Planning / Adjustments / Pass-throughs

### ► Planning / Adjustments / Pass-throughs

			Pioneer Valley		ABP GANS Repayment	Multiple		\$ -	\$ -	\$ -	
Other Statewide Items subtotal ▶								\$ -	\$ -	\$ -	◀ Funding Split Varies by Funding Source

## ► Section 4 / Non-Federally Aided Projects

### ► Non-Federally Aided Projects

	Non-Federal Aid		Pioneer Valley		Non-Federal Aid			\$ -	\$ -	\$ -	
Non-Federal Aid subtotal ▶								\$ -	\$ -	\$ -	◀ 100% Non-Federal

## 2023 Summary

	TIP Section 1 3: ▼	TIP Section 4: ▼	Total of All Projects ▼	
Total ▶	\$ 55,758,360	\$ -	\$ 55,758,360	◀ Total Spending in Region
Federal Funds ▶	\$ 44,706,688	\$ -	\$ 44,706,688	◀ Total Federal Spending in Region
Non-Federal Funds ▶	\$ 11,051,672	\$ -	\$ 11,051,672	◀ 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