

2018-2022 Transportation Improvement Program (TIP) Bridge Section Summary of Proposed Changes April 24, 2018

FFY 2018

Section 1B Earmark or Discretionary Grant Funded Projects – Other Federal Aid

- Add FLAP Funding for Moody Bridge Road in Hadley (FLAP 12) for Preliminary Engineering, ROW, Paving, Safety Enhancement, Drainage, and Construction Contract & Eng. \$220,620 (\$176,500 FLAP, \$44,125 local matching funds)
- Add FLAP Funding for CT River Trail Construction in Hadley and South Hadley \$434,078 (\$247,915 FLAP, \$186,163 local matching funds). Matching funds have not been identified/

Section 2A State Prioritized Reliability Projects

- Move 606552 NORTHAMPTON BRIDGE RECONSTRUCTION, N-19-059, I-91 OVER US 5/BMRR & N-19-060, I-91 OVER HOCKANUM ROAD Year 1 of 5 funding to FFY 2020

FFY 2019

Section 2A State Prioritized Reliability Projects

- Reduce Project Cost for Middlefield - BRIDGE REPLACEMENT, M-19-010 CHESTER ROAD OVER SMART BROOK from \$1,306,800 to \$970,807
- Move 606552 NORTHAMPTON BRIDGE RECONSTRUCTION, N-19-059, I-91 OVER US 5/BMRR & N-19-060, I-91 OVER HOCKANUM ROAD Year 2 of 5 funding to FFY 2021

FFY 2020

Section 2A State Prioritized Reliability Projects

- Move Hadley 608460 HADLEY- BRIDGE REPLACEMENT, H-01-005, BAY ROAD (ROUTE 47) OVER THE FORT RIVER to FFY 2021
- Move 606552 NORTHAMPTON BRIDGE RECONSTRUCTION, N-19-059, I-91 OVER US 5/BMRR & N-19-060, I-91 OVER HOCKANUM ROAD Year 1 of 5 funding from FFY 2018
- Decrease cost of Westfield 400103 WESTFIELD- BRIDGE REPLACEMENT, W-25-006, ROUTE 10/202 (SOUTHWICK ROAD) OVER THE LITTLE RIVER from \$13,276,980 to \$12,732,554

FFY 2021

Section 2A State Prioritized Reliability Projects

- Move Hadley 608460 HADLEY- BRIDGE REPLACEMENT, H-01-005, BAY ROAD (ROUTE 47) OVER THE FORT RIVER from FFY 2020
- Move 606552 NORTHAMPTON BRIDGE RECONSTRUCTION, N-19-059, I-91 OVER US 5/BMRR & N-19-060, I-91 OVER HOCKANUM ROAD Year 2 of 5 funding from FFY 2019

FFY 2022

Section 2A State Prioritized Reliability Projects

- Decrease funding for 606552 NORTHAMPTON BRIDGE RECONSTRUCTION, N-19-059, I-91 OVER US 5/BMRR & N-19-060, I-91 OVER HOCKANUM ROAD Year 3 of 5 funding from \$11,963,922 to \$11,378,353

STP = Surface Transportation Program

HSIP = Highway Safety Improvement Program

SRS = Safe Routes to School

FLAP = Federal Lands Access Program

CMAQ = Congestion Mitigation Air Quality

SW = Statewide

NHFP = National Highway Freight Program

Changes made during public review

2018 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:</i> a) Planning / Design / or Construction; b) total project cost and funding sources used; c) advance construction status; d) MPO project score; e) name of entity receiving a transfer; f) name of entity paying the non-state non-federal match; g) earmark details; h) TAP project proponent; i) other information
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► Section 1B / Earmark or Discretionary Grant Funded Projects

► Other Federal Aid

	Earmark Discretionary	603449	Pioneer Valley	Westfield	WESTFIELD- ROUTE 20 ACCESS IMPROVEMENTS ON COURT STREET & WESTERN AVENUE, FROM LLEWELLYN DRIVE EASTERLY TO LLOYDS HILL ROAD (PHASE I)	2	HPP	\$ 2,503,688	\$ 2,002,950	\$ 500,738	Construction / (YOE \$6,133,933 HPP, STP) 57.5 TEC / (Demo ID-MA206, HPP-4287 \$2,503,688 with Match) / 25%
Amendment: Add Funding	Earmark Discretionary	FLAP MA 12	Pioneer Valley	Hadley	Moddy Bridge Road	2	FLAP	\$ 220,620	\$ 176,500	\$ 44,125	Preliminary Engineering, ROW, Paving, Safety Enhancement, Drainage, Construction Contract & Eng.
Amendment: Add Funding	Earmark Discretionary	FLAP MA 13	Pioneer Valley	Multiple	Hadley, Northampton, South Hadley - CT River Trail Construction	2	FLAP	\$ 434,078	\$ 247,915	\$ 186,163	Bicycle/Pedestrian Facility, Construction Eng.
Other Federal Aid subtotal ►								\$ 3,158,386	\$ 2,427,365	\$ 731,026	◀ Funding Split Varies by Funding Source

► Section 2A / State Prioritized Reliability Projects

► Bridge Program / Inspections

Bridge Program	Project #	MPO	Municipalities	Description	District	NHPP	\$ -	\$ -	\$ -	
Bridge Program / Inspections subtotal ►							\$ -	\$ -	\$ -	◀ Funding Split Varies by Funding Source

► Bridge Program / Off-System

Bridge Program	Project #	MPO	Municipalities	Description	District	STP-BR-OFF	\$ -	\$ -	\$ -	
Bridge Program / Off-System subtotal ►							\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal

► Bridge Program / On-System (NHS)

Amendment: Move Project (To 2020)	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	\$ -	\$ -	\$ -	AC Year 1 (\$10,000,000) of 5, Total Cost \$56,891,767
	Bridge Program	600936	Pioneer Valley	Holyoke	HOLYOKE- BRIDGE REPLACEMENT, H-21-018, LYMAN STREET OVER FIRST LEVEL CANAL	2	NHPP-On	\$ 8,019,034	\$ 6,415,227	\$ 1,603,807	
Bridge Program / On-System (NHS) subtotal ►								\$ 8,019,034	\$ 6,415,227	\$ 1,603,807	◀ Funding Split Varies by Funding Source

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

	Bridge Program	608870	Pioneer Valley	Palmer	PALMER - BRIDGE REHABILITATION, P-01-005, MAIN STREET OVER QUABOAG RIVER	2	NHPP-Off	\$ 3,000,000	\$ 2,400,000	\$ 600,000	
Bridge Program / On-System (Non-NHS) subtotal ►								\$ 3,000,000	\$ 2,400,000	\$ 600,000	◀ 80% Federal + 20% Non-Federal

► Bridge Program / Systematic Maintenance

	Bridge Program	607939	Pioneer Valley	Cummington	CUMMINGTON- BRIDGE MAINTENANCE, C-21-025, ROUTE 9 OVER THE WESTFIELD RIVER	1	NHPP-On	\$ 312,000	\$ 249,600	\$ 62,400	
	Bridge Program	607959	Pioneer Valley	Cummington	HOLYOKE- STRUCTURAL STEEL BEAM CLEANING AND PAINTING, H-21-048, I-91 NB & SB OVER WESTFIELD ROAD	2	NHPP-On	\$ 1,564,622	\$ 1,251,698	\$ 312,924	
Bridge Program / Systematic Maintenance subtotal ►								\$ 1,876,622	\$ 1,501,298	\$ 375,324	◀ 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:</i> a) Planning / Design / or Construction; b) total project cost and funding sources used; c) advance construction status; d) MPO project score; e) name of entity receiving a transfer; f) name of entity paying the non-state non-federal match; g) earmark details; h) TAP project proponent; i) other information
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► Section 2A / State Prioritized Reliability Projects

► Bridge Program / Inspections

Bridge Program	Project #	MPO	Municipalities	Description	District	NHPP	\$ -	\$ -	\$ -	
Bridge Program / Inspections subtotal ►							\$ -	\$ -	\$ -	◀ Funding Split Varies by Funding Source

► Bridge Program / Off-System

Adjustment: Cost Decrease	Bridge Program	608249	Pioneer Valley	Middlefield	MIDDLEFIELD- BRIDGE REPLACEMENT, M-19-010, CHESTER ROAD OVER SMART BROOK	1	STP-BR-OFF	\$ 970,807	\$ 776,646	\$ 194,161	Decrease Cost from \$1,306,800
Bridge Program / Off-System subtotal ►							\$ 970,807	\$ 776,646	\$ 194,161	◀ 80% Federal + 20% Non-Federal	

► Bridge Program / On-System (NHS)

Amendment: Move Project (To 2021)	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	\$ -	\$ -	\$ -	AC Year 2 (\$10,642,615) of 5, Total Cost \$56,891,767
Bridge Program / On-System (NHS) subtotal ►							\$ -	\$ -	\$ -	◀ Funding Split Varies by Funding Source	

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

Bridge Program	Project #	MPO	Municipalities	Description	District	NHPP-Off	\$ -	\$ -	\$ -	
Bridge Program / On-System (Non-NHS) subtotal ►							\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal

► Bridge Program / Systematic Maintenance

	Bridge Program	608258	Pioneer Valley	Huntington	HUNTINGTON- SYSTEMATIC BRIDGE MAINTENANCE, H-27-007, ROUTE 112 OVER WEST BRANCH OF WESTFIELD RIVER	1	NHPP-Off	\$ 419,445	\$ 335,556	\$ 83,889	Construction
Bridge Program / Systematic Maintenance subtotal ►							\$ 419,445	\$ 335,556	\$ 83,889	◀ Funding Split Varies by Funding Source	

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 status; d) MPO project score; e) name of entity receiving a transfer; f) name of entity paying the non-state non-federal match; g) earmark details; h) TAP project proponent; i) other information</i>
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► Section 2A / State Prioritized Reliability Projects

► Bridge Program / Inspections												
	Bridge Program	Project #	MPO	Municipalities	Description	District	NHPP	\$	\$	\$		
								Bridge Program / Inspections subtotal ►	\$ -	\$ -	\$ -	◀ Funding Split Varies by Funding Source

► Bridge Program / Off-System												
	Bridge Program	608631	Pioneer Valley	Westhampton	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	Construction	
								Bridge Program / Off-System subtotal ►	\$ 3,072,000	\$ 2,457,600	\$ 614,400	◀ 80% Federal + 20% Non-Federal

► Bridge Program / On-System (NHS)												
Amendment: Move Project (To 2021)	Bridge Program	608460	Pioneer Valley	Hadley	HADLEY- BRIDGE REPLACEMENT, H-01-005, BAY ROAD (ROUTE 47) OVER THE FORT RIVER	2	NHPP-On	\$ -	\$ -	\$ -	Construction \$5,647,995	
Amendment: Move Project (From 2018)	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 1 of 5, Total Cost \$56,891,767	
Adjustment: Cost Decrease	Bridge Program	400103	Pioneer Valley	Westfield	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	Decrease Cost from \$13,276,980	
								Bridge Program / On-System (NHS) subtotal ►	\$ 24,110,907	\$ 19,288,726	\$ 4,822,181	◀ Funding Split Varies by Funding Source

► Bridge Program / On-System (Non-NHS)												
	Bridge Program	Project #	MPO	Municipalities	Description	District	NHPP-Off	\$	\$	\$		
								Bridge Program / On-System (Non-NHS) subtotal ►	\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal

► Bridge Program / Systematic Maintenance												
	Bridge Program	Project #	MPO	Municipalities	Description	District	NHPP-On	\$	\$	\$		
								Bridge Program / Systematic Maintenance subtotal ►	\$ -	\$ -	\$ -	◀ Funding Split Varies by Funding Source

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 status; d) MPO project score; e) name of entity receiving a transfer; f) name of entity paying the non-state non-federal match; g) earmark details; h) TAP project proponent; i) other information</i>
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► Section 2A / State Prioritized Reliability Projects

► Bridge Program / Inspections

Bridge Program	Project #	MPO	Municipalities	Description	District	NHPP	\$	-	\$	-	\$	-	
Bridge Program / Inspections subtotal ►							\$	-	\$	-	\$	-	◀ Funding Split Varies by Funding Source

► Bridge Program / Off-System

Bridge Program	Project #	MPO	Municipalities	Description	District	STP-BR-OFF	\$	-	\$	-	\$	-	
Bridge Program / Off-System subtotal ►							\$	-	\$	-	\$	-	◀ 80% Federal + 20% Non-Federal

► Bridge Program / On-System (NHS)

Amendment: Move Project (From 2020)	Bridge Program	608460	Pioneer Valley	Hadley	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	Construction		
Amendment: Move Project (from 2019)	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 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

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

Bridge Program	Project #	MPO	Municipalities	Description	District	NHPP-On	\$	-	\$	-	\$	-	
Bridge Program / On-System (Non-NHS) subtotal ►							\$	-	\$	-	\$	-	◀ 80% Federal + 20% Non-Federal

► Bridge Program / Systematic Maintenance

Bridge Program	Project #	MPO	Municipalities	Description	District	NHPP-On	\$	-	\$	-	\$	-	
Bridge Program / Systematic Maintenance subtotal ►							\$	-	\$	-	\$	-	◀ Funding Split Varies by Funding Source

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 status; d) MPO project score; e) name of entity receiving a transfer; f) name of entity paying the non-state non-federal match; g) earmark details; h) TAP project proponent; i) other information</i>
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► Section 2A / State Prioritized Reliability Projects

► Bridge Program / Inspections

Bridge Program	Project #	MPO	Municipalities	Description	District	NHPP	\$	\$	\$		
							-	-	-		
Bridge Program / Inspections subtotal ►							\$ -	\$ -	\$ -	◀ Funding Split Varies by Funding Source	

► Bridge Program / Off-System

Bridge Program	608869	Pioneer Valley	Northampton	NORTHAMPTON - BRIDGE REPLACEMENT, N-19-068, OLD SPRINGFIELD ROAD OVER MILL RIVER	2	STP-BR-OFF	\$ 3,981,120	\$ 3,184,896	\$ 796,224	Construction	
Bridge Program	608847	Pioneer Valley	Wales	WALES - BRIDGE REPLACEMENT, W-02-002, HOLLAND ROAD OVER WALES BROOK	2	STP-BR-OFF	\$ 540,096	\$ 432,077	\$ 108,019	Construction	
Bridge Program	608846	Pioneer Valley	Monson	MONSON - BRIDGE REPLACEMENT, M-27-015, OLD WALES ROAD OVER CONANT BROOK	2	STP-BR-OFF	\$ 1,742,784	\$ 1,394,227	\$ 348,557	Construction	
Bridge Program / Off-System subtotal ►							\$ 6,264,000	\$ 5,011,200	\$ 1,252,800	◀ 80% Federal + 20% Non-Federal	

► Bridge Program / On-System (NHS)

Bridge Program	608848	Pioneer Valley	Springfield	SPRINGFIELD, BRIDGE REPLACEMENT, S-24-016, ARMORY STREET OVER CSX RR	2	NHPP-On	\$ 5,723,440	\$ 4,578,752	\$ 1,144,688	Construction	
Bridge Program	608853	Pioneer Valley	Springfield	SPRINGFIELD, BRIDGE REPLACEMENT, S-24-026, ARMORY STREET OVER CSX RR (ABANDONED)	2	NHPP-On	\$ 3,948,640	\$ 3,158,912	\$ 789,728	Construction / YEAR 1 AC OF 3, \$117,077,490	
Adjustment: Cost Decrease	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 3 of 5, Total Cost \$56,891,767 Decrease from \$11,963,922	
Bridge Program / On-System (NHS) subtotal ►							\$ 21,050,433	\$ 16,840,346	\$ 4,210,087	◀ Funding Split Varies by Funding Source	

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

Bridge Program	Project #	Pioneer Valley	Description	District	NHPP-On	\$	\$	\$			
						-	-	-			
Bridge Program / On-System (Non-NHS) subtotal ►							\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal	

► Bridge Program / Systematic Maintenance

Bridge Program	Project #	MPO	Municipalities	Description	District	NHPP-On	\$	\$	\$		
							-	-	-		
Bridge Program / Systematic Maintenance subtotal ►							\$ -	\$ -	\$ -	◀ Funding Split Varies by Funding Source	