

Type	Value Changed	Date of Change	Former Value	New Value	Variance	Comments
Federal Fiscal Year 2026						
Section 2A / State Prioritized Reliability Projects						
Safety Improvements						
611953 Multiple: SPRINGFIELD- CHICOPEE- GUIDE AND TRAFFIC SIGN REPLACEMENT ON A SECTION OF INTERSTATE 291						
Amendment	2026: Statewide-CON-Safety	2/5/2026	\$887,740	\$1,883,334	\$995,594	

Adv Date: May 23, 2026

Project Description: SPRINGFIELD-CHICOPEE – GUIDE AND TRAFFIC SIGN REPLACEMENT ON A SECTION OF INTERSTATE 291

Current Total Federal Participating Cost = \$1,883,334.40 – based on the current 75%/100% preliminary office estimate dated 12/5/2025 as revised by the HQ Traffic and Safety Section’s Highway Signing Engineer on 1/21/2026.

Current Programmed STIP cost = \$887,740.00 – as estimated in the original PIF form submitted to the Project Review Committee (PRC) dated 11/02/2020.

Justification for the change in the TFPC/variance from the STIP:

When the project was submitted for PRC approval in 2020, the preliminary estimate provided at the time inadvertently reflected only the anticipated office estimate costs, and did not include contingencies or related items (this was an omission that has since been corrected in the initiation of subsequent projects of similar scope) used to calculate the total estimated TFPC. This resulted in the actual anticipated TFPC value being underestimated at the time.

Additionally, since the current programmed STIP cost for this project was established upon project approval by the PRC on January 28, 2021, we note the following:



- Since PRC project approval, the design scope of the project has been expanded from primarily the replacement of sign panels on existing structures and posts to also providing replacement overhead support structures at certain locations both within and ancillary to the project limits. Traffic and Safety concurs with the District 2 Ancillary Structures Engineer that inclusion of this additional work within Project 611953 is deemed necessary to ensure continued safety for highway users, and that this specific work should not be delayed until a later date. This assessment is based primarily on the condition of these existing structures, and is also in consideration of the longer time frame required (and possible greater cost incurred) to replace the structures through the present District 2 maintenance contracts.
- Due to several factors, overall prices for aluminum and steel materials used to fabricate sign panels, posts, and structures have increased faster than the rate of inflation in recent years. These increases are further compounded by the specialized nature of steel overhead sign structures and steel beam signposts, and the large quantities of materials required under projects such as 611953, which involve far more extensive sign replacement work than a typical Highway Division advertising project would.
- During their 25% design review of this project in October of 2025, District 2 also recommended that additional overhead sign structures and advanced warning signs (with flashing beacons) be added to the project design. As these recommendations reflect constituent and State Police concerns and feedback regarding safety issues along Interstate 291 within the project area, and as it is considered impractical to conduct this additional work through the District's current maintenance contracts, Traffic and Safety concurs with the District's recommendations. Accordingly, the project designer has incorporated these additional items as part of the 75%/100% design.
- Lastly, considering the nature of the additional work required (including the lead times required to obtain new sign panels, structures and other materials) due to these changes to the project scope and design, it is the judgement of both Traffic and Safety and District 2 that the construction time duration for Project 611953 be increased from



18 months (540 days) to 24 months (720 days). This longer CTD is currently reflected in the applicable items within the revised 611953 preliminary estimate.

Section 3B / Non-Federal Aid Funded					
Bridge On-system NHS					
612187 Chicopee: CHICOPEE- BRIDGE REPLACEMENT, C-13-038, I-391 OVER (ST 116) CHICOPEE STREET					
Amendment	2026: Statewide-CON-Bridge On-system	2/5/2026	\$148,581,581	\$172,682,661	\$24,101,080

Adv Date: April 25, 2026

Project Description: CHICOPEE- BRIDGE REPLACEMENT, C-13-038, I-391 OVER (ST 116) CHICOPEE STREET

MPO: Pioneer Valley

Current Total Federal Participating Cost = \$172,682,660 as estimated with the RFLOI submission from January 2026.

Current Programmed STIP cost = \$ 148,581,581 as estimated in the Preliminary Structure Report from March 2024.

Variance from the STIP: 17.5%

MassDOT typically programs a 25% contingency in early iterations of our estimating process. Subsequently, that general 25% contingency was replaced with a more detailed calculation of contingency, escalation, DB design fee, and DB bid contingency. These additional costs totaled up to a higher value than the previous contingency and more accurately captures our projected costs. Many of these costs were not carried at the initial 25% submission due to unknowns, but required consideration as the project moved towards the Base Technical Concept phase. Additionally, select bridge lump sum prices were increased to align with the recommendations of the designers independent Bottoms Up Estimate. Moreover, repair type work was added to strengthen the bridge before Phase I traffic (both directions). The rest of the increase is based on higher unit costs and increased quantities from comments on the 25% design submission.

2026 Pioneer Valley Region Program

STIP: 2026 - 2030 (A) Revision 2+

Program	MassDOT Project ID	MPO	Municipality	MassDOT Project Description	District	Funding Source	Total Programmed Funds	Federal Funds	Non-Federal Funds
Federal Fiscal Year 2026									
Section 1A / Regionally Prioritized Projects							\$26,617,422	\$21,293,938	\$5,323,484
Roadway Reconstruction	607231	Pioneer Valley	Williamsburg	WILLIAMSBURG- RECONSTRUCTION OF MOUNTAIN STREET	1	STBG	\$5,000,000	\$4,000,000	\$1,000,000
Roadway Reconstruction	608881	Pioneer Valley	Longmeadow	LONGMEADOW- SPRINGFIELD- RESURFACING AND INTERSECTION IMPROVEMENTS ON LONGMEADOW STREET (ROUTE 5) AND CONVERSE STREET (0.84 MILES)	2	STBG	\$4,969,862	\$3,975,890	\$993,972
Roadway Reconstruction	608886	Pioneer Valley	Chesterfield	CHESTERFIELD- RECONSTRUCTION OF NORTH ROAD AND DAMON POND ROAD	1	STBG	\$3,391,732	\$2,713,386	\$678,346
Roadway Reconstruction	609061	Pioneer Valley	Chicopee	CHICOPEE- INTERSECTION IMPROVEMENTS AT MONTGOMERY STREET, GRANBY ROAD, AND MCKINSTRY AVENUE	2	STBG	\$12,022,588	\$9,618,070	\$2,404,518
Roadway Reconstruction	609286	Pioneer Valley	Northampton	NORTHAMPTON- DOWNTOWN COMPLETE STREETS CORRIDOR AND INTERSECTION IMPROVEMENTS ON MAIN STREET (ROUTE 9)	2	STBG	\$1,233,240	\$986,592	\$246,648
STBG Programmed							\$26,617,422	\$21,293,938	\$5,323,484
Total Programmed for Pioneer Valley Region Projects*							\$26,617,422	\$21,293,938	\$5,323,484
Program Target for Pioneer Valley Region Projects							\$31,520,356	\$25,216,285	\$6,304,071
Target Funds Available for Pioneer Valley Region Projects							\$4,902,934	\$3,922,347	\$980,587
Section 1B / Earmark or Discretionary Grant Funded Projects							\$6,673,239	\$5,468,191	\$1,205,048
Earmark Discretionary	609286	Pioneer Valley	Northampton	NORTHAMPTON- DOWNTOWN COMPLETE STREETS CORRIDOR AND INTERSECTION IMPROVEMENTS ON MAIN STREET (ROUTE 9)	2	HPP	\$1,357,973	\$1,086,378	\$271,595
Bicycle and Pedestrian	S12835	Pioneer Valley	Springfield	SPRINGFIELD- ARMORY SAFE ROUTES TO NATIONAL PARKS IMPROVEMENTS	2	FLAP	\$648,000	\$648,000	\$0
Earmark Discretionary	608881	Pioneer Valley	Longmeadow	LONGMEADOW- SPRINGFIELD- RESURFACING AND INTERSECTION IMPROVEMENTS ON LONGMEADOW STREET (ROUTE 5) AND CONVERSE STREET (0.84 MILES)	2	HPP	\$262,383	\$209,906	\$52,477

*Only includes funds counting against obligation authority
Reported Date:

2026 Pioneer Valley Region Program

STIP: 2026 - 2030 (A) Revision 2+

Earmark Discretionary	609061	Pioneer Valley	Chicopee	CHICOPEE- INTERSECTION IMPROVEMENTS AT MONTGOMERY STREET, GRANBY ROAD, AND MCKINSTRY AVENUE	2	HPP	\$807,033	\$645,626	\$161,407
Earmark Discretionary	S13327	Pioneer Valley	Holyoke	HOLYOKE- COMPREHENSIVE SAFETY ACTION PLAN (SS4A)	2	SS4A	\$197,850	\$158,280	\$39,570
Earmark Discretionary	S13329	Pioneer Valley		PVPC- REGIONAL SAFETY ACTION PLAN AND DEMONSTRATION PROJECT (SS4A)	2	SS4A	\$1,250,000	\$1,000,000	\$250,000
Earmark Discretionary	S13330	Pioneer Valley	Westfield	WESTFIELD- SS4A PLANNING AND DEMONSTRATION GRANT (SS4A)	2	SS4A	\$250,000	\$200,000	\$50,000
Earmark Discretionary	S13360	Pioneer Valley	Chicopee	CHICOPEE- INITIATIVE TO PLAN AND IMPLEMENT COMPLETE AND SAFE STREETS FOR ALL (SS4A)	2	SS4A	\$400,000	\$320,000	\$80,000
Earmark Discretionary	S13370	Pioneer Valley	Longmeadow	Railroad Grade Crossing Elimination Program Grant - Longmeadow Passive Crossing Improvement Project	2	Other FA	\$1,500,000	\$1,200,000	\$300,000
Section 2A / State Prioritized Reliability Projects							\$19,193,496	\$16,782,379	\$2,411,117
Non-Interstate Pavement	612109	Pioneer Valley	Multiple	CHICOPEE- SOUTH HADLEY- RESURFACING AND RELATED WORK ON ROUTE 33	2	NHPP	\$4,917,678	\$3,934,142	\$983,536
Safety Improvements	611953	Pioneer Valley	Multiple	SPRINGFIELD- CHICOPEE- GUIDE AND TRAFFIC SIGN REPLACEMENT ON A SECTION OF INTERSTATE 291	2	HSIP	\$1,883,334	\$1,695,001	\$188,333
Interstate Pavement	614009	Multiple	Multiple	DEERFIELD TO NORTHAMPTON- INTERSTATE PAVEMENT PRESERVATION ON I-91	2	NHPP-I	\$12,392,484	\$11,153,236	\$1,239,248
Section 2C / State Prioritized Expansion Projects							\$6,875,448	\$5,500,358	\$1,375,090
Bicycle and Pedestrian	610657	Pioneer Valley	Multiple	EASTHAMPTON- NORTHAMPTON- INSTALLATION OF A SHARED-USE PATH ALONG MOUNT TOM ROAD FROM THE MANHAN TRAIL TO ATWOOD DRIVE	2	CMAQ	\$6,875,448	\$5,500,358	\$1,375,090
Section 3A / Federal Aid Funded Planning/Adjustments/Pass-throughs							\$4,726,291	\$4,301,033	\$425,258
Railroad Crossings	S12988	Pioneer Valley	Multiple	WEST SPRINGFIELD- RAILROAD CROSSING ELIMINATION ON FRONT STREET (CROSSING NO. DOT525901A)	2	RRHE	\$2,600,000	\$2,600,000	\$0
Flex to FTA	S12996	Pioneer Valley		PVTA - Buy Replacement 35-ft Electric Buses (Carbon Reduction Program Funding)		CRP	\$2,126,291	\$1,701,033	\$425,258
Section 3A / Non-Federal Aid Funded							\$235,575,157	\$0	\$235,575,157

*Only includes funds counting against obligation authority
Reported Date:

2026 Pioneer Valley Region Program

STIP: 2026 - 2030 (A) Revision 2+

Bridge On-system NHS	612187	Pioneer Valley	Chicopee	CHICOPEE- BRIDGE REPLACEMENT, C-13-038, I-391 OVER (ST 116) CHICOPEE STREET	2	NGBP	\$172,682,661	\$0	\$172,682,661
Bridge On-system NHS	609409	Pioneer Valley	Springfield	SPRINGFIELD- BRIDGE REPLACEMENT, S-24-016, ARMORY STREET OVER CSX MAINLINE & S-24-026, ARMORY STREET OVER ABANDONED CSX	2	NGBP	\$62,892,496	\$0	\$62,892,496

Pioneer Valley Region Total Program Summary							\$299,661,053	\$53,345,899	\$246,315,154
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Reported Date: