

2017 Central Mass Region MPO Transportation Improvement Program

CMMPO Endorsed - 8/3/16

Amendment/ Adjustment Type ▼	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

► HSIP - Highway Safety Improvement Program

	602740	SHREWSBURY - RESURFACING & RELATED WORK ON MAIN STREET, FROM I-290 RAMPS EASTERLY TO MAPLE AVENUE	3	HSIP	\$ 881,000	\$ 792,900	\$ 88,100	Construction / TEC Score = 4.6 / Design Status = 75% / HSIP + STP + TAP + SW CMAQ Total Project Cost = \$6,278,484
HSIP Subtotal ►					\$ 881,000	\$ 792,900	\$ 88,100	◀ 90% Federal + 10% Non-Federal

► CMAQ - Congestion Mitigation and Air Quality Improvement Program

	606206	OXFORD - RECONSTRUCTION OF CHARLTON STREET, BETWEEN MAIN STREET AND DUDLEY ROAD	3	CMAQ	\$ 1,000,000	\$ 800,000	\$ 200,000	Construction / TEC Score = 4.6 / Design Status = 75% / CMAQ + STP Total Project Cost = \$5,722,150
CMAQ Subtotal ►					\$ 1,000,000	\$ 800,000	\$ 200,000	◀ 80% Federal + 20% Non-Federal

► TAP - Transportation Alternatives Program

	602740	SHREWSBURY - RESURFACING & RELATED WORK ON MAIN STREET, FROM I-290 RAMPS EASTERLY TO MAPLE AVENUE	3	TAP	\$ 984,220	\$ 787,376	\$ 196,844	Construction / TEC Score = 4.6 / Design Status = 75% / HSIP + STP + TAP + SW CMAQ Total Project Cost = \$6,278,484 / Project Propent is Town of Shrewsbury
TAP Subtotal ►					\$ 984,220	\$ 787,376	\$ 196,844	◀ 80% Federal + 20% Non-Federal

► Non-CMAQ/HSIP/TAP (Other)

	602740	SHREWSBURY - RESURFACING & RELATED WORK ON MAIN STREET, FROM I-290 RAMPS EASTERLY TO MAPLE AVENUE	3	STP	\$ 2,413,264	\$ 1,930,611	\$ 482,653	Construction / TEC Score = 4.6 / Design Status = 75% / HSIP + STP + TAP + SW CMAQ Total Project Cost = \$6,278,484
	606346	LEICESTER - RESURFACING & RELATED WORK ON ROUTE 56 (PAXTON STREET), FROM MAIN STREET TO HYLAND AVENUE	3	STP	\$ 2,959,267	\$ 2,367,414	\$ 591,853	Construction / TEC Score = 3.4 / Design Status = 100% / Total Project Cost = \$2,959,267
	606206	OXFORD - RECONSTRUCTION OF CHARLTON STREET, BETWEEN MAIN STREET AND DUDLEY ROAD	3	STP	\$ 4,722,150	\$ 3,777,720	\$ 944,430	Construction / TEC Score = 4.6 / Design Status = 75% / CMAQ + STP Total Project Cost = \$5,722,150
	602991	SPENCER - RESURFACING & RELATED WORK ON ROUTE 31 (MAPLE STREET & CHARLTON ROAD)	3	STP	\$ 4,874,060	\$ 3,899,248	\$ 974,812	Construction / TEC Score = 3.3 / Design Status = 25% / Total Project Cost = \$4,874,060
Non-CMAQ/HSIP/TAP (Other) Subtotal ►					\$ 14,968,741	\$ 11,974,993	\$ 2,993,748	◀ 80% Federal + 20% Non-Federal

► Section 1A / Fiscal Constraint Analysis

Total Federal Aid Target Funds Programmed ►	\$ 17,833,961	\$ 18,038,539	◀ Total Target	\$ 204,578	Target Funds Available
Total Non-CMAQ/HSIP/TAP (Other) Programmed ►	\$ 14,968,741	\$ 13,469,640	◀ Max. Non-CMAQ/HSIP/TAP	\$ (1,499,101)	Non-CMAQ/HSIP/TAP (Other) Exceeds Maximum
Total HSIP Programmed ►	\$ 881,000	\$ 869,013	◀ Min. HSIP	\$ (11,987)	HSIP Recommended Met
Total CMAQ Programmed ►	\$ 1,000,000	\$ 2,715,666	◀ Min. CMAQ	\$ 1,715,666	CMAQ Recommended Not Met
Total TAP Programmed ►	\$ 984,220	\$ 984,220	◀ Min. TAP	\$ -	TAP Recommended Met

Remaining HSIP, CMAQ, and TAP Funds \$ 1,703,679

► Section 1B / Federal Aid Bridge Projects

2017 Central Mass Region MPO Transportation Improvement Program

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► Statewide Systematic Maintenance Program

	606075	OXFORD - CLEANING AND PAINTING & RELATED WORK, O-06-036, I-395 OVER DANA ROAD & O-06-037, I-395 (SB) OVER FEDERAL HILL ROAD	3	NHPP	\$ 1,519,966	\$ 1,215,973	\$ 303,993	Construction / Design Status = TBD / Total Project Cost = \$1,519,966
Statewide Bridge Maintenance Program Subtotal ►					\$ 1,519,966	\$ 1,215,973	\$ 303,993	◀ 80% Federal + 20% Non-Federal

► On System

		No Projects Programmed			\$ -	\$ -	\$ -	
On System Subtotal ►					\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal

► Off-System

	606638	SUTTON - BRIDGE REPLACEMENT, S-33-005, BLACKSTONE STREET OVER BLACKSTONE RIVER	3	STP-BR-OFF	\$ 4,280,685	\$ 3,424,548	\$ 856,137	Construction / Design Status = 25% / Total Project Cost = \$4,280,685
Off-System Subtotal ►					\$ 4,280,685	\$ 3,424,548	\$ 856,137	◀ 80% Federal + 20% Non-Federal

► Statewide Bridge Inspection Program

		No Projects Programmed			\$ -	\$ -	\$ -	
Statewide Bridge Inspection Program Subtotal ►					\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal

► Section 1C / Federal Aid Non-Target Projects

► Other Federal Aid

	606434	WORCESTER - CENTRAL BUSINESS DISTRICT STREETSCAPE IMPROVEMENTS	3	HPP	\$ 5,125,000	\$ 4,100,000	\$ 1,025,000	Construction / HPP#4266 - MA185 / Design Status = 25% / HPP + SW Infrastructure Total Project Cost = \$6,977,015
Other Federal Aid Subtotal ►					\$ 5,125,000	\$ 4,100,000	\$ 1,025,000	◀ Funding Split Varies by Funding Source

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

► Regional Major Infrastructure

		No Projects Programmed			\$ -	\$ -	\$ -	
Regional Major Infrastructure Subtotal ►					\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal

► Statewide Americans with Disability Act Implementation Plan

		No Projects Programmed			\$ -	\$ -	\$ -	
Statewide ADA Implementation Plan Subtotal ►					\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal

► Statewide Congestion Mitigation and Air Quality

	602740	SHREWSBURY - RESURFACING & RELATED WORK ON MAIN STREET, FROM I-290 RAMPS EASTERLY TO MAPLE AVENUE	3	CMAQ	\$ 2,000,000	\$ 1,600,000	\$ 400,000	Construction / TEC Score = 4.6 / Design Status = 75% / HSIP + STP + TAP + SW CMAQ Total Project Cost = \$6,278,484
Statewide CMAQ Subtotal ►					\$ 2,000,000	\$ 1,600,000	\$ 400,000	◀ 80% Federal + 20% Non-Federal

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Amendment/ Adjustment Type ▼	MassDOT Project ID ▼	MassDOT Project Description ▼	MassDOT District ▼	Funding Source ▼	Total Programmed Funds ▼	Federal Funds ▼	Non-Federal Funds ▼	Additional Information ▼
► Statewide HSIP Program								
		No Projects Programmed			\$ -	\$ -	\$ -	
Statewide HSIP Program Subtotal ►					\$ -	\$ -	\$ -	◀ 90% Federal + 10% Non-Federal
► Statewide Infrastructure Program								
	606434	WORCESTER - CENTRAL BUSINESS DISTRICT STREETSCAPE IMPROVEMENTS	3	STP	\$ 1,852,015	\$ 1,481,612	\$ 370,403	Construction / HPP#4266 - MA185 / Design Status = 25% / HPP + SW Infrastructure Total Project Cost = \$6,977,015
	607442	NORTHBOROUGH - SHREWSBURY - RECONSTRUCTION ON ROUTE 9 & ROUTE 20 RAMP IMPROVEMENTS	3	STP	\$ 2,265,358	\$ 1,812,286	\$ 453,072	Construction / Design Status = 75% / Total Project Cost = \$2,265,358
Statewide Infrastructure Program Subtotal ►					\$ 4,117,373	\$ 3,293,898	\$ 823,475	◀ 80% Federal + 20% Non-Federal
► Statewide Interstate Maintenance Program								
	607562	WEBSTER - OXFORD - INTERSTATE MAINTENANCE & RELATED WORK ON I-395	3	NHPP	\$ 7,141,500	\$ 6,427,350	\$ 714,150	Construction / Design Status = TBD / IM + Stormwater Total Project Cost = \$7,291,500
Statewide Interstate Maintenance Program Subtotal ►					\$ 7,141,500	\$ 6,427,350	\$ 714,150	◀ 90% Federal + 10% Non-Federal
► Statewide Intelligent Transportation Systems								
		No Projects Programmed			\$ -	\$ -	\$ -	
Statewide ITS Subtotal ►					\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal
► Statewide National Freight Program								
		No Projects Programmed			\$ -	\$ -	\$ -	
Statewide National Freight Program Subtotal ►					\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal
► Statewide National Highway System Preservation Program								
		No Projects Programmed			\$ -	\$ -	\$ -	
Statewide NHS Preservation Program Subtotal ►					\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal
► Statewide Planning Program								
		No Projects Programmed			\$ -	\$ -	\$ -	
Statewide Planning Program Subtotal ►					\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal
► Statewide Railroad Grade Crossings								
		No Projects Programmed			\$ -	\$ -	\$ -	
Statewide RR Grade Crossings Subtotal ►					\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal
► Statewide Safe Routes to Schools Program								
		No Projects Programmed			\$ -	\$ -	\$ -	
Statewide Safe Routes to Schools Program Subtotal ►					\$ -	\$ -	\$ -	◀ Funding Split Varies by Funding Source
► Statewide Stormwater Retrofits								
	607562	WEBSTER - OXFORD - INTERSTATE MAINTENANCE & RELATED WORK ON I-395	3	STP-TE	\$ 150,000	\$ 120,000	\$ 30,000	Construction / Design Status = TBD / IM + Stormwater Total Project Cost = \$7,291,500
Statewide Stormwater Retrofits Subtotal ►					\$ 150,000	\$ 120,000	\$ 30,000	◀ 80% Federal + 20% Non-Federal
► Statewide Transportation Enhancements								

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		No Projects Programmed			\$ -	\$ -	\$ -	
Statewide Transportation Enhancements Subtotal ▶					\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal

▶ Other Statewide Items

		ABP GANS Repayment			\$ -	\$ -	\$ -	
		Award Adjustments, Change Orders, Project Value Changes, Etc.			\$ -	\$ -	\$ -	
		DBEs, FAPO, Pavement Lab Retrofits, and Misc. Programs			\$ -	\$ -	\$ -	
		Planning			\$ -	\$ -	\$ -	
		Statewide Design and Right of Way			\$ -	\$ -	\$ -	
		Statewide Recreational Trails			\$ -	\$ -	\$ -	
Other Statewide Items Subtotal ▶					\$ -	\$ -	\$ -	◀ Funding Split Varies by Funding Source

▶ Section 2A / Non-Federal Projects

▶ Non Federal Aid

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

▶ Section 2B / Non-Federal Bridge Projects

▶ Section 2B / Non-Federal Bridge Projects

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

2017 Central Mass Region MPO TIP Summary

	TIP Section 1: ▼	TIP Section 2: ▼	Total of All Projects ▼	
Total ▶	\$ 42,168,485	\$ -	\$ 42,168,485	◀ Total Spending in Region
Federal Funds ▶	\$ 34,537,038	\$ -	\$ 34,537,038	◀ Total Federal Spending in Region
Non-Federal Funds ▶	\$ 7,631,447	\$ -	\$ 7,631,447	◀ Total Non-Federal Spending in Region

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

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► Section 1A / Federal Aid Target Projects

► HSIP - Highway Safety Improvement Program

	605740	WORCESTER - INTERSECTION IMPROVEMENTS AT WINTHROP STREET & PROVIDENCE STREET, VERNON STREET & GRANITE STREET	3	HSIP	\$ 2,316,080	\$ 2,084,472	\$ 231,608	Construction / TEC Score = 7.0 / Design Status = 25% / CMAQ + HSIP Total Project Cost = \$4,996,160
HSIP Subtotal ►					\$ 2,316,080	\$ 2,084,472	\$ 231,608	◀ 90% Federal + 10% Non-Federal

► CMAQ - Congestion Mitigation and Air Quality Improvement Program

	603251	WORCESTER - SIGNAL & INTERSECTION IMPROVEMENTS @ HOLDEN STREET, DRUMMOND AVENUE & SHORE DRIVE, INCLUDES CULVERT EXTENSION OF W-44-122, SHORE DRIVE OVER (UNNAMED) STREAM	3	CMAQ	\$ 897,722	\$ 718,178	\$ 179,544	Construction / TEC Score = 4.8 / Design Status = 25% / CMAQ + Statewide CMAQ Total Project Cost = \$2,902,792
	605740	WORCESTER - INTERSECTION IMPROVEMENTS AT WINTHROP STREET & PROVIDENCE STREET, VERNON STREET & GRANITE STREET	3	CMAQ	\$ 2,680,080	\$ 2,144,064	\$ 536,016	Construction / TEC Score = 7.0 / Design Status = 25% / CMAQ + HSIP Total Project Cost = \$4,996,160
CMAQ Subtotal ►					\$ 3,577,802	\$ 2,862,242	\$ 715,560	◀ 80% Federal + 20% Non-Federal

► TAP - Transportation Alternatives Program

	606440	PRINCETON - RECONSTRUCTION OF ROUTE 140, FROM STERLING T.L. THROUGH EAST PRINCETON VILLAGE TO ROUTE 31, INCLUDING REHAB OF P-16-017	3	TAP	\$ 475,200	\$ 380,160	\$ 95,040	Construction / TEC Score = 4.3 / Design Status = 25% / STP + TAP Total Project Cost = \$6,880,640 / Project Proponent is the Town of Princeton
TAP Subtotal ►					\$ 475,200	\$ 380,160	\$ 95,040	◀ 80% Federal + 20% Non-Federal

► Non-CMAQ/HSIP/TAP (Other)

	606440	PRINCETON - RECONSTRUCTION OF ROUTE 140, FROM STERLING T.L. THROUGH EAST PRINCETON VILLAGE TO ROUTE 31, INCLUDING REHAB OF P-16-017	3	STP	\$ 6,405,440	\$ 5,124,352	\$ 1,281,088	Construction / TEC Score = 4.3 / Design Status = 25% / STP + TAP Total Project Cost = \$6,880,640
	604948	UXBRIDGE - RECONSTRUCTION OF ROUTE 122 (NORTH MAIN STREET), FROM HARTFORD AVENUE TO ROUTE 16	3	STP	\$ 4,612,400	\$ 3,689,920	\$ 922,480	Construction / TEC Score = 4.3 / Design Status = 75% / Total Project Cost = \$4,612,400
Non-CMAQ/HSIP/TAP (Other) Subtotal ►					\$ 11,017,840	\$ 8,814,272	\$ 2,203,568	◀ 80% Federal + 20% Non-Federal

► Section 1A / Fiscal Constraint Analysis

Total Federal Aid Target Funds Programmed ►	\$ 17,386,922	\$ 18,733,750	◀ Total Target	\$ 1,346,828	Target Funds Available
Total Non-CMAQ/HSIP/TAP (Other) Programmed ►	\$ 11,017,840	\$ 15,217,005	◀ Max. Non-CMAQ/HSIP/TAP	\$ 1,346,829	Non-CMAQ/HSIP/TAP (Other) Available
Total HSIP Programmed ►	\$ 2,316,080	\$ 869,013	◀ Min. HSIP	\$ (1,447,067)	HSIP Recommended Met
Total CMAQ Programmed ►	\$ 3,577,802	\$ 2,172,533	◀ Min. CMAQ	\$ (1,405,269)	CMAQ Recommended Met
Total TAP Programmed ►	\$ 475,200	\$ 475,200	◀ Min. TAP	\$ -	TAP Recommended Met

HSIP, CMAQ, TAP Overprogrammed \$ (2,852,336)

► Section 1B / Federal Aid Bridge Projects

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► Statewide Systematic Maintenance Program								
		No Projects Programmed			\$ -	\$ -	\$ -	
		Statewide Bridge Maintenance Program Subtotal ►			\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal
► On System								
		No Projects Programmed			\$ -	\$ -	\$ -	
		On System Subtotal ►			\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal
► Off-System								
		No Projects Programmed			\$ -	\$ -	\$ -	
		Off-System Subtotal ►			\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal
► Statewide Bridge Inspection Program								
		No Projects Programmed			\$ -	\$ -	\$ -	
		Statewide Bridge Inspection Program Subtotal ►			\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal
► Section 1C / Federal Aid Non-Target Projects								
► Other Federal Aid								
	604893	WORCESTER - STREETScape IMPROVEMENTS AT MAIN STREET & MAYWOOD STREET	3	TI	\$ 2,104,176	\$ 1,683,341	\$ 420,835	Construction / TI#177 - MA213 / Design Status = 25% / Total Project Cost = \$2,104,176
	605820	WORCESTER - BLACKSTONE RIVER BIKEWAY (SEGMENT 7), INCLUDING BRIDGE REHAB, W-44-041, MCGRATH BOULEVARD OVER MADISON STREET	3	HPP	\$ 5,939,172	\$ 4,751,338	\$ 1,187,834	Construction / HPP#4283 - MA202, HPP#2218 - MA157, HPP#2509 - MA165 & MA006 / Design Status = 75% / Total Project Cost = \$5,939,172
	606888	WORCESTER - BLACKSTONE CANAL STREETScape IMPROVEMENTS ON HARDING STREET	3	Sec 129	\$ 766,858	\$ 766,858		Construction / MA238 / Design Status = 25% / Total Project Cost = \$766,858 / This project is 100% federally funded
		Other Federal Aid Subtotal ►			\$ 8,810,206	\$ 7,201,536	\$ 1,608,670	◀ Funding Split Varies by Funding Source
► Section 1D / Federal Aid Major & State Category Projects								
► Regional Major Infrastructure								
		No Projects Programmed			\$ -	\$ -	\$ -	
		Regional Major Infrastructure Subtotal ►			\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal
► Statewide Americans with Disability Act Implementation Plan								
		No Projects Programmed			\$ -	\$ -	\$ -	
		Statewide ADA Implementation Plan Subtotal ►			\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal
► Statewide Congestion Mitigation and Air Quality								

2018 Central Mass Region MPO Transportation Improvement Program

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Amendment/ Adjustment Type ▼	MassDOT Project ID ▼	MassDOT Project Description ▼	MassDOT District ▼	Funding Source ▼	Total Programmed Funds ▼	Federal Funds ▼	Non-Federal Funds ▼	Additional Information ▼
	603251	WORCESTER - SIGNAL & INTERSECTION IMPROVEMENTS @ HOLDEN STREET, DRUMMOND AVENUE & SHORE DRIVE, INCLUDES CULVERT EXTENSION OF W-44-122, SHORE DRIVE OVER (UNNAMED) STREAM	3	CMAQ	\$ 2,005,070	\$ 1,604,056	\$ 401,014	Construction / TEC Score = 4.8 / Design Status = 25% / CMAQ + Statewide CMAQ Total Project Cost = \$2,902,792
	608191	WEST BROOKFIELD - SIDEWALK AND WHEELCHAIR CONSTRUCTION ON ROUTE 9	2	CMAQ	\$ 756,024	\$ 604,819	\$ 151,205	Construction / Design Status = TBD / Total Project Cost is \$756,024

Statewide CMAQ Subtotal ► \$ 2,761,094 \$ 2,208,875 \$ 552,219 ◀ 80% Federal + 20% Non-Federal

► **Statewide HSIP Program**

	607917	AUBURN TO WORCESTER - GUIDE & TRAFFIC SIGN REPLACEMENT ON A SECTION OF INTERSTATE 290	3	HSIP	\$ 5,323,510	\$ 4,791,159	\$ 532,351	Construction / Design Status = TBD / Total Project Cost = \$5,323,510
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Statewide HSIP Program Subtotal ► \$ 5,323,510 \$ 4,791,159 \$ 532,351 ◀ 90% Federal + 10% Non-Federal

► **Statewide Infrastructure Program**

		No Projects Programmed			\$ -	\$ -	\$ -	
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Statewide Infrastructure Program Subtotal ► \$ - \$ - \$ - ◀ 80% Federal + 20% Non-Federal

► **Statewide Interstate Maintenance Program**

		No Projects Programmed			\$ -	\$ -	\$ -	
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Statewide Interstate Maintenance Program Subtotal ► \$ - \$ - \$ - ◀ 90% Federal + 10% Non-Federal

► **Statewide Intelligent Transportation Systems**

		No Projects Programmed			\$ -	\$ -	\$ -	
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Statewide ITS Subtotal ► \$ - \$ - \$ - ◀ 80% Federal + 20% Non-Federal

► **Statewide National Freight Program**

		No Projects Programmed			\$ -	\$ -	\$ -	
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Statewide National Freight Program Subtotal ► \$ - \$ - \$ - ◀ 80% Federal + 20% Non-Federal

► **Statewide National Highway System Preservation Program**

		No Projects Programmed			\$ -	\$ -	\$ -	
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Statewide NHS Preservation Program Subtotal ► \$ - \$ - \$ - ◀ 80% Federal + 20% Non-Federal

► **Statewide Planning Program**

		No Projects Programmed			\$ -	\$ -	\$ -	
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Statewide Planning Program Subtotal ► \$ - \$ - \$ - ◀ 80% Federal + 20% Non-Federal

► **Statewide Railroad Grade Crossings**

		No Projects Programmed			\$ -	\$ -	\$ -	
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Statewide RR Grade Crossings Subtotal ► \$ - \$ - \$ - ◀ 80% Federal + 20% Non-Federal

► **Statewide Safe Routes to Schools Program**

		No Projects Programmed		SRTS	\$ -	\$ -	\$ -	
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Statewide Safe Routes to Schools Program Subtotal ► \$ - \$ - \$ - ◀ Funding Split Varies by Funding Source

► **Statewide Stormwater Retrofits**

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	608394	STURBRIDGE - STORMWATER IMPROVEMENTS ALONG ROUTE 20 AND INTERSTATE 84	3	STP-TE	\$ 679,302	\$ 543,442	\$ 135,860	Construction / Design Status = Pre25% / Total Project Cost = \$679,302
Statewide Stormwater Retrofits Subtotal ▶					\$ 679,302	\$ 543,442	\$ 135,860	◀ 80% Federal + 20% Non-Federal

▶ Statewide Transportation Enhancements

		No Projects Programmed			\$ -	\$ -	\$ -	
Statewide Transportation Enhancements Subtotal ▶					\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal

▶ Other Statewide Items

		ABP GANS Repayment			\$ -	\$ -	\$ -	
		Award Adjustments, Change Orders, Project Value Changes, Etc.			\$ -	\$ -	\$ -	
		DBEs, FAPO, Pavement Lab Retrofits, and Misc. Programs			\$ -	\$ -	\$ -	
		Planning			\$ -	\$ -	\$ -	
		Statewide Design and Right of Way			\$ -	\$ -	\$ -	
		Statewide Recreational Trails			\$ -	\$ -	\$ -	
Other Statewide Items Subtotal ▶					\$ -	\$ -	\$ -	◀ Funding Split Varies by Funding Source

▶ Section 2A / Non-Federal Projects

▶ Non Federal Aid

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

▶ Section 2B / Non-Federal Bridge Projects

▶ Section 2B / Non-Federal Bridge Projects

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

2018 Central Mass Region MPO TIP Summary

	TIP Section 1: ▼	TIP Section 2: ▼	Total of All Projects ▼	
Total ▶	\$ 34,961,034	\$ -	\$ 34,961,034	◀ Total Spending in Region
Federal Funds ▶	\$ 28,886,158	\$ -	\$ 28,886,158	◀ Total Federal Spending in Region
Non-Federal Funds ▶	\$ 6,074,876	\$ -	\$ 6,074,876	◀ Total Non-Federal Spending in Region

Project costs have increased by 4% to account for inflation.

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

2019 Central Mass Region MPO Transportation Improvement Program

CMMPO Endorsed - 8/3/16

Amendment/ Adjustment Type ▼	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

► HSIP - Highway Safety Improvement Program

	606125	UPTON - RECONSTRUCTION OF HARTFORD AVENUE NORTH, HIGH STREET AND HOPKINTON ROAD (PHASE 1)	3	HSIP	\$ 2,812,160	\$ 2,530,944	\$ 281,216	Construction / TEC Score = 4.8 / Design Status = 25% / HSIP + CMAQ Total Project Cost = \$6,749,184
	601368	WORCESTER - RESURFACING & RELATED WORK ON ROUTE 122 (GRAFTON STREET), FROM WASHINGTON SQUARE TO RICE SQUARE (1.4 MILES)	3	HSIP	\$ 4,112,805	\$ 3,701,525	\$ 411,281	Construction / TEC Score = 5.1 / Design Status = 75% / HSIP + CMAQ Total Project Cost = \$7,610,699
HSIP Subtotal ►					\$ 6,924,965	\$ 6,232,469	\$ 692,497	◀ 90% Federal + 10% Non-Federal

► CMAQ - Congestion Mitigation and Air Quality Improvement Program

	606125	UPTON - RECONSTRUCTION OF HARTFORD AVENUE NORTH, HIGH STREET AND HOPKINTON ROAD (PHASE 1)	3	CMAQ	\$ 3,937,024	\$ 3,149,619	\$ 787,405	Construction / TEC Score = 4.8 / Design Status = 25% / HSIP + CMAQ Total Project Cost = \$6,749,184
	601368	WORCESTER - RESURFACING & RELATED WORK ON ROUTE 122 (GRAFTON STREET), FROM WASHINGTON SQUARE TO RICE SQUARE (1.4 MILES)	3	CMAQ	\$ 3,497,894	\$ 2,798,315	\$ 699,579	Construction / TEC Score = 5.1 / Design Status = 75% / HSIP + CMAQ Total Project Cost = \$7,610,699
CMAQ Subtotal ►					\$ 7,434,918	\$ 5,947,934	\$ 1,486,984	◀ 80% Federal + 20% Non-Federal

► TAP - Transportation Alternatives Program

	607250	PAXTON - RECLAMATION ON ROUTE 31 (HOLDEN ROAD)	3	TAP	\$ 488,961	\$ 391,169	\$ 97,792	Construction / TEC Score = 3.6 / Design Status = 75% / STP + TAP Total Project Cost = \$3,937,449 / Project Proponent is Town of Paxton
TAP Subtotal ►					\$ 488,961	\$ 391,169	\$ 97,792	◀ 80% Federal + 20% Non-Federal

► Non-CMAQ/HSIP/TAP (Other)

	607250	PAXTON - RECLAMATION ON ROUTE 31 (HOLDEN ROAD)	3	STP	\$ 3,448,488	\$ 2,758,790	\$ 689,698	Construction / TEC Score = 3.6 / Design Status = 75% / STP + TAP Total Project Cost = \$3,937,449
Non-CMAQ/HSIP/TAP (Other) Subtotal ►					\$ 3,448,488	\$ 2,758,790	\$ 689,698	◀ 80% Federal + 20% Non-Federal

► Section 1A / Fiscal Constraint Analysis

Total Federal Aid Target Funds Programmed ►	\$ 18,297,332	\$ 18,733,750	◀ Total Target	\$ 436,418	Target Funds Available
Total Non-CMAQ/HSIP/TAP (Other) Programmed ►	\$ 3,448,488	\$ 15,203,244	◀ Max. Non-CMAQ/HSIP/TAP	\$ 436,419	Non-CMAQ/HSIP/TAP (Other) Available
Total HSIP Programmed ►	\$ 6,924,965	\$ 869,013	◀ Min. HSIP	\$ (6,055,952)	HSIP Recommended Met
Total CMAQ Programmed ►	\$ 7,434,918	\$ 2,172,533	◀ Min. CMAQ	\$ (5,262,385)	CMAQ Recommended Met
Total TAP Programmed ►	\$ 488,961	\$ 488,961	◀ Min. TAP	\$ -	TAP Recommended Met

HSIP, CMAQ, TAP Overprogrammed \$ (11,318,337)

► Section 1B / Federal Aid Bridge Projects

► Statewide Systematic Maintenance Program

2019 Central Mass Region MPO Transportation Improvement Program

CMMPO Endorsed - 8/3/16

Amendment/ Adjustment Type ▼	MassDOT Project ID ▼	MassDOT Project Description ▼	MassDOT District ▼	Funding Source ▼	Total Programmed Funds ▼	Federal Funds ▼	Non-Federal Funds ▼	Additional Information ▼
	608237	WORCESTER - BOYLSTON - NORTHBOROUGH - STRUCTURAL STEEL CLEANING AND PAINTING OF OVERHEAD BRIDGES ON I-290	3	NHPP	\$ 1,379,786	\$ 1,103,829	\$ 275,957	Construction / Design Status = Pre25% / Total Project Cost = \$1,379,786
Statewide Bridge Maintenance Program Subtotal ▶					\$ 1,379,786	\$ 1,103,829	\$ 275,957	◀ 80% Federal + 20% Non-Federal

▶ On System

		No Projects Programmed			\$ -	\$ -	\$ -	
On System Subtotal ▶					\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal

▶ Off-System

	608190	EAST BROOKFIELD - BRIDGE REPLACEMENT, E-02- 001, SOUTH POND OVER SOUTH POND INLET	3	STP-BR-OFF	\$ 1,944,000	\$ 1,555,200	\$ 388,800	Construction / Design Status = Pre25% / Total Project Cost = \$1,944,000
Off-System Subtotal ▶					\$ 1,944,000	\$ 1,555,200	\$ 388,800	◀ 80% Federal + 20% Non-Federal

▶ Statewide Bridge Inspection Program

		No Projects Programmed			\$ -	\$ -	\$ -	
Statewide Bridge Inspection Program Subtotal ▶					\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal

▶ Section 1C / Federal Aid Non-Target Projects

▶ Other Federal Aid

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

▶ Section 1D / Federal Aid Major & State Category Projects

▶ Regional Major Infrastructure

		No Projects Programmed			\$ -	\$ -	\$ -	
Regional Major Infrastructure Subtotal ▶					\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal

▶ Statewide Americans with Disability Act Implementation Plan

		No Projects Programmed			\$ -	\$ -	\$ -	
Statewide ADA Implementation Plan Subtotal ▶					\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal

▶ Statewide Congestion Mitigation and Air Quality

		No Projects Programmed			\$ -	\$ -	\$ -	
Statewide CMAQ Subtotal ▶					\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal

▶ Statewide HSIP Program

	607757	WORCESTER - SIGNAL & INTERSECTION IMPROVEMENTS ON ROUTE SR 122 (PROVIDENCE STREET) AT MILLBURY STREET & MCKEON ROAD	3	HSIP	\$ 594,000	\$ 534,600	\$ 59,400	Construction / Design Status = Pre25% / Total Project Cost = \$594,000
Statewide HSIP Program Subtotal ▶					\$ 594,000	\$ 534,600	\$ 59,400	◀ 90% Federal + 10% Non-Federal

2019 Central Mass Region MPO Transportation Improvement Program

CMMPO Endorsed - 8/3/16

Amendment/ Adjustment Type ▼	MassDOT Project ID ▼	MassDOT Project Description ▼	MassDOT District ▼	Funding Source ▼	Total Programmed Funds ▼	Federal Funds ▼	Non-Federal Funds ▼	Additional Information ▼
► Statewide Infrastructure Program								
		No Projects Programmed			\$ -	\$ -	\$ -	
Statewide Infrastructure Program Subtotal ►					\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal
► Statewide Interstate Maintenance Program								
		No Projects Programmed			\$ -	\$ -	\$ -	
Statewide Interstate Maintenance Program Subtotal ►					\$ -	\$ -	\$ -	◀ 90% Federal + 10% Non-Federal
► Statewide Intelligent Transportation Systems								
		No Projects Programmed			\$ -	\$ -	\$ -	
Statewide ITS Subtotal ►					\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal
► Statewide National Freight Program								
		No Projects Programmed			\$ -	\$ -	\$ -	
Statewide National Freight Program Subtotal ►					\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal
► Statewide National Highway System Preservation Program								
		No Projects Programmed			\$ -	\$ -	\$ -	
Statewide NHS Preservation Program Subtotal ►					\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal
► Statewide Planning Program								
		No Projects Programmed			\$ -	\$ -	\$ -	
Statewide Planning Program Subtotal ►					\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal
► Statewide Railroad Grade Crossings								
		No Projects Programmed			\$ -	\$ -	\$ -	
Statewide RR Grade Crossings Subtotal ►					\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal
► Statewide Safe Routes to Schools Program								
		No Projects Programmed		SRTS	\$ -	\$ -	\$ -	
Statewide Safe Routes to Schools Program Subtotal ►					\$ -	\$ -	\$ -	◀ Funding Split Varies by Funding Source
► Statewide Stormwater Retrofits								
		No Projects Programmed			\$ -	\$ -	\$ -	
Statewide Stormwater Retrofits Subtotal ►					\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal
► Statewide Transportation Enhancements								
		No Projects Programmed			\$ -	\$ -	\$ -	
Statewide Transportation Enhancements Subtotal ►					\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal
► Other Statewide Items								
		ABP GANS Repayment			\$ -	\$ -	\$ -	
		Award Adjustments, Change Orders, Project Value Changes, Etc.			\$ -	\$ -	\$ -	
		DBEs, FAPO, Pavement Lab Retrofits, and Misc. Programs			\$ -	\$ -	\$ -	
		Planning			\$ -	\$ -	\$ -	
		Statewide Design and Right of Way			\$ -	\$ -	\$ -	

2019 Central Mass Region MPO Transportation Improvement Program

CMMPO Endorsed - 8/3/16

Amendment/ Adjustment Type ▼	MassDOT Project ID ▼	MassDOT Project Description ▼	MassDOT District ▼	Funding Source ▼	Total Programmed Funds ▼	Federal Funds ▼	Non-Federal Funds ▼	Additional Information ▼
		Statewide Recreational Trails			\$ -	\$ -	\$ -	
Other Statewide Items Subtotal ▶					\$ -	\$ -	\$ -	◀ Funding Split Varies by Funding Source

▶ Section 2A / Non-Federal Projects

▶ Non Federal Aid

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

▶ Section 2B / Non-Federal Bridge Projects

▶ Section 2B / Non-Federal Bridge Projects

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

2019 Central Mass Region MPO TIP Summary

	TIP Section 1: ▼	TIP Section 2: ▼	Total of All Projects ▼	
Total ▶	\$ 22,215,118	\$ -	\$ 22,215,118	◀ Total Spending in Region
Federal Funds ▶	\$ 18,523,991	\$ -	\$ 18,523,991	◀ Total Federal Spending in Region
Non-Federal Funds ▶	\$ 3,691,127	\$ -	\$ 3,691,127	◀ Total Non-Federal Spending in Region

Project costs have increased by 8% to account for inflation.

701 CMR 7.00 Use of Road Flagger 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>

2020 Central Mass Region MPO Transportation Improvement Program

CMMPO Endorsed - 8/3/16

Amendment/ Adjustment Type ▼	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

► HSIP - Highway Safety Improvement Program

		No Projects Programmed			\$ -	\$ -	\$ -	
HSIP Subtotal ►					\$ -	\$ -	\$ -	◀ 90% Federal + 10% Non-Federal

► CMAQ - Congestion Mitigation and Air Quality Improvement Program

		No Projects Programmed			\$ -	\$ -	\$ -	
CMAQ Subtotal ►					\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal

► TAP - Transportation Alternatives Program

		No Projects Programmed			\$ -	\$ -	\$ -	
TAP Subtotal ►					\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal

► Non-CMAQ/HSIP/TAP (Other)

	605377	MILLBURY - RECONSTRUCTION OF MCCRACKEN ROAD AND GREENWOOD STREET, INCLUDES REHAB OF M-22-058, MCCRACKEN ROAD OVER ACCESS ROAD	3	STP	\$ 7,935,618	\$ 6,348,494	\$ 1,587,124	Construction / TEC Score = 5.4 / Design Status = 25% / Total Project Cost = \$7,935,618
	606125	UPTON - RECONSTRUCTION OF HARTFORD AVENUE NORTH, HIGH STREET AND HOPKINTON ROAD (PHASE II)	3	STP	\$ 4,274,483	\$ 3,419,586	\$ 854,897	Construction / TEC Score = 4.8 / Design Status = 25% / Total Project Cost = \$4,274,483
	607903	GRAFTON - RECLAMATION ON ROUTE 122A (MAIN STREET), FROM PROVIDENCE ROAD TO SUTTON T.L.	3	STP	\$ 5,399,347	\$ 4,319,478	\$ 1,079,869	Construction / TEC Score = 2.6 / Design Status = 25% / Total Project Cost = \$5,399,347
Non-CMAQ/HSIP/TAP (Other) Subtotal ►					\$ 17,609,448	\$ 14,087,558	\$ 3,521,890	◀ 80% Federal + 20% Non-Federal

► Section 1A / Fiscal Constraint Analysis

Total Federal Aid Target Funds Programmed ►	\$ 17,609,448	\$ 19,177,403	◀ Total Target	\$ 1,567,955	Target Funds Available
Total Non-CMAQ/HSIP/TAP (Other) Programmed ►	\$ 17,609,448	\$ 15,649,330	◀ Max. Non-CMAQ/HSIP/TAP	\$ (1,960,118)	Non-CMAQ/HSIP/TAP (Other) Exceeds Maximum
Total HSIP Programmed ►	\$ -	\$ 869,013	◀ Min. HSIP	\$ 869,013	HSIP Recommended Not Met
Total CMAQ Programmed ►	\$ -	\$ 2,172,533	◀ Min. CMAQ	\$ 2,172,533	CMAQ Recommended Not Met
Total TAP Programmed ►	\$ -	\$ 486,527	◀ Min. TAP	\$ 486,527	TAP Recommended Not Met

Remaining HSIP, CMAQ, and TAP Funds \$ 3,528,073

► Section 1B / Federal Aid Bridge Projects

► Statewide Systematic Maintenance Program

	608589	WORCESTER - BRIDGE NO. W-44-082 (BIN 1TR AND 1TT): CLEAN AND PAINT STRUCTURE STEEL	3	NHPP	\$ 1,333,000	\$ 1,066,400	\$ 266,600	Construction / Design Status = TBD / Total Project Cost = \$1,333,000
Statewide Bridge Maintenance Program Subtotal ►					\$ 1,333,000	\$ 1,066,400	\$ 266,600	◀ 80% Federal + 20% Non-Federal

► On System

2020 Central Mass Region MPO Transportation Improvement Program

CMMPO Endorsed - 8/3/16

Amendment/ Adjustment Type ▼	MassDOT Project ID ▼	MassDOT Project Description ▼	MassDOT District ▼	Funding Source ▼	Total Programmed Funds ▼	Federal Funds ▼	Non-Federal Funds ▼	Additional Information ▼
		No Projects Programmed			\$ -	\$ -	\$ -	
On System Subtotal ▶					\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal

► Off-System

	608633	WEST BROOKFIELD - BRIDGE REPLACEMENT, W-19-009, FOSTER HILL ROAD OVER COYS BROOK	2	STP-BR-OFF	\$ 2,032,800	\$ 1,626,240	\$ 406,560	Construction / Design Status = TBD / Total Project Cost = \$2,032,800
	608638	DOUGLAS - BRIDGE REPLACEMENT, D-09-004, MANCHAUG STREET OVER MUMFORD RIVER	3	STP-BR-OFF	\$ 4,707,584	\$ 3,766,067	\$ 941,517	Construction / Design Status = TBD / Total Project Cost = \$4,707,584
	608640	SUTTON - BRIDGE REPLACEMENT, S-33-004, DEPOT STREET OVER BLACKSTONE RIVER	3	STP-BR-OFF	\$ 3,763,200	\$ 3,010,560	\$ 752,640	Construction / Design Status = TBD / Total Project Cost = \$3,763,200
Off-System Subtotal ▶					\$ 10,503,584	\$ 8,402,867	\$ 2,100,717	◀ 80% Federal + 20% Non-Federal

► Statewide Bridge Inspection Program

		No Projects Programmed			\$ -	\$ -	\$ -	
Statewide Bridge Inspection Program Subtotal ▶					\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal

► Section 1C / Federal Aid Non-Target Projects

► Other Federal Aid

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

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

► Regional Major Infrastructure

		No Projects Programmed			\$ -	\$ -	\$ -	
Regional Major Infrastructure Subtotal ▶					\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal

► Statewide Americans with Disability Act Implementation Plan

		No Projects Programmed			\$ -	\$ -	\$ -	
Statewide ADA Implementation Plan Subtotal ▶					\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal

► Statewide Congestion Mitigation and Air Quality

		No Projects Programmed			\$ -	\$ -	\$ -	
Statewide CMAQ Subtotal ▶					\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal

► Statewide HSIP Program

	608573	UXBRIDGE TO WORCESTER - GUIDE & TRAFFIC SIGN REPLACEMENT ON A SECTION OF ROUTE 146	3	HSIP	\$ 1,258,320	\$ 1,132,488	\$ 125,832	Construction / Design Status = TBD / Total Project Cost = \$1,258,320
Statewide HSIP Program Subtotal ▶					\$ 1,258,320	\$ 1,132,488	\$ 125,832	◀ 90% Federal + 10% Non-Federal

► Statewide Infrastructure Program

2020 Central Mass Region MPO Transportation Improvement Program

CMMPO Endorsed - 8/3/16

Amendment/ Adjustment Type ▼	MassDOT Project ID ▼	MassDOT Project Description ▼	MassDOT District ▼	Funding Source ▼	Total Programmed Funds ▼	Federal Funds ▼	Non-Federal Funds ▼	Additional Information ▼
	602659	CHARLTON - OXFORD - RECONSTRUCTION ON ROUTE 20, FROM RICHARDSON'S CORNER EASTERLY TO ROUTE 12, INCLUDES REHAB OF C-06-023 & REPLACEMENT OF O-06-002	3	NHPP	\$ 1,000,000	\$ 800,000	\$ 200,000	AC Year 1 of 5 / Design Status = Pre25% / In FY 20 SW Infrastructure + NFA Total Project Cost = \$11,000,000 / Overall cost of Project is \$57,000,000
Statewide Infrastructure Program Subtotal ▶					\$ 1,000,000	\$ 800,000	\$ 200,000	◀ 80% Federal + 20% Non-Federal
▶ Statewide Interstate Maintenance Program								
		No Projects Programmed			\$ -	\$ -	\$ -	
Statewide Interstate Maintenance Program Subtotal ▶					\$ -	\$ -	\$ -	◀ 90% Federal + 10% Non-Federal
▶ Statewide Intelligent Transportation Systems								
		No Projects Programmed			\$ -	\$ -	\$ -	
Statewide ITS Subtotal ▶					\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal
▶ Statewide National Freight Program								
		No Projects Programmed			\$ -	\$ -	\$ -	
Statewide National Freight Program Subtotal ▶					\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal
▶ Statewide National Highway System Preservation Program								
		No Projects Programmed			\$ -	\$ -	\$ -	
Statewide NHS Preservation Program Subtotal ▶					\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal
▶ Statewide Planning Program								
		No Projects Programmed			\$ -	\$ -	\$ -	
Statewide Planning Program Subtotal ▶					\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal
▶ Statewide Railroad Grade Crossings								
		No Projects Programmed			\$ -	\$ -	\$ -	
Statewide RR Grade Crossings Subtotal ▶					\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal
▶ Statewide Safe Routes to Schools Program								
		No Projects Programmed		SRTS	\$ -	\$ -	\$ -	
Statewide Safe Routes to Schools Program Subtotal ▶					\$ -	\$ -	\$ -	◀ Funding Split Varies by Funding Source
▶ Statewide Stormwater Retrofits								
	608057	WORCESTER - STORMWATER IMPROVEMENTS ALONG I-290 AND 122A	3	STP-TE	\$ 3,297,056	\$ 2,637,645	\$ 659,411	Construction / Design Status = TBD / Total Project Cost = \$3,297,056
Statewide Stormwater Retrofits Subtotal ▶					\$ 3,297,056	\$ 2,637,645	\$ 659,411	◀ 80% Federal + 20% Non-Federal
▶ Statewide Transportation Enhancements								
		No Projects Programmed			\$ -	\$ -	\$ -	
Statewide Transportation Enhancements Subtotal ▶					\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal
▶ Other Statewide Items								
		ABP GANS Repayment			\$ -	\$ -	\$ -	
		Award Adjustments, Change Orders, Project Value Changes, Etc.			\$ -	\$ -	\$ -	
		DBEs, FAPO, Pavement Lab Retrofits, and Misc. Programs			\$ -	\$ -	\$ -	

2020 Central Mass Region MPO Transportation Improvement Program

CMMPO Endorsed - 8/3/16

Amendment/ Adjustment Type ▼	MassDOT Project ID ▼	MassDOT Project Description ▼	MassDOT District ▼	Funding Source ▼	Total Programmed Funds ▼	Federal Funds ▼	Non-Federal Funds ▼	Additional Information ▼
		Planning			\$ -	\$ -	\$ -	
		Statewide Design and Right of Way			\$ -	\$ -	\$ -	
		Statewide Recreational Trails			\$ -	\$ -	\$ -	
Other Statewide Items Subtotal ▶					\$ -	\$ -	\$ -	◀ Funding Split Varies by Funding Source

► Section 2A / Non-Federal Projects

► Non Federal Aid

	602659	CHARLTON - OXFORD - RECONSTRUCTION ON ROUTE 20, FROM RICHARDSON'S CORNER EASTERLY TO ROUTE 12, INCLUDES REHAB OF C-06-023 & REPLACEMENT OF O-06-002	3	NFA	\$ 10,000,000		\$ 10,000,000	AC Year 1 of 5 / Design Status = Pre25% / In FY 20 SW Infrastructure + NFA Total Project Cost = \$11,000,000 / Overall cost of Project is \$57,000,000
Non-Federal Aid Subtotal ▶					\$ 10,000,000		\$ 10,000,000	◀ 100% Non-Federal

► Section 2B / Non-Federal Bridge Projects

► Section 2B / Non-Federal Bridge Projects

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

2020 Central Mass Region MPO TIP Summary

	TIP Section 1: ▼	TIP Section 2: ▼	Total of All Projects ▼	
Total ▶	\$ 35,001,408	\$ 10,000,000	\$ 45,001,408	◀ Total Spending in Region
Federal Funds ▶	\$ 28,126,958		\$ 28,126,958	◀ Total Federal Spending in Region
Non-Federal Funds ▶	\$ 6,874,450	\$ 10,000,000	\$ 16,874,450	◀ Total Non-Federal Spending in Region

Project costs have increased by 12% to account for inflation.

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>

2021 Cental Mass Region MPO Transportation Improvement Program

CMMPO Endorsed - 8/3/16

Amendment/ Adjustment Type ▼	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

► HSIP - Highway Safety Improvement Program

	602659	CHARLTON - OXFORD - RECONSTRUCTION ON ROUTE 20, FROM RICHARDSON'S CORNER EASTERLY TO ROUTE 12, INCLUDES REHAB OF C-06-023 & REPLACEMENT OF O-06-002	3	HSIP	\$ 1,000,000	\$ 900,000	\$ 100,000	AC Year 2 of 5 / Design Status = Pre25% / In FY 21 CMAQ + HSIP + STP + SW Infracture + NFA Total Project Cost = \$31,786,727 / Overall cost of Project is \$57,000,000
HSIP Subtotal ►					\$ 1,000,000	\$ 900,000	\$ 100,000	◀ 90% Federal + 10% Non-Federal

► CMAQ - Congestion Mitigation and Air Quality Improvement Program

	602659	CHARLTON - OXFORD - RECONSTRUCTION ON ROUTE 20, FROM RICHARDSON'S CORNER EASTERLY TO ROUTE 12, INCLUDES REHAB OF C-06-023 & REPLACEMENT OF O-06-002	3	CMAQ	\$ 1,000,000	\$ 800,000	\$ 200,000	AC Year 2 of 5 / Design Status = Pre25% / In FY 21 CMAQ + HSIP + STP + SW Infracture + NFA Total Project Cost = \$31,786,727 / Overall cost of Project is \$57,000,000
CMAQ Subtotal ►					\$ 1,000,000	\$ 800,000	\$ 200,000	◀ 80% Federal + 20% Non-Federal

► TAP - Transportation Alternatives Program

		No Projects Programmed			\$ -	\$ -	\$ -	
TAP Subtotal ►					\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal

► Non-CMAQ/HSIP/TAP (Other)

	605035	NEW BRAintree - RECONSTRUCTION & IMPROVEMENTS ON RAVINE ROAD AND HARDWICK ROAD FROM HARDWICK T.L. TO ROUTE 67 (BARRE RD) (2.6 MILES)	2	STP	\$ 2,741,997	\$ 2,193,598	\$ 548,399	Construction / TEC Score = 3.1 / Design Status = 25% / Total Project Cost = \$2,741,997
	607733	AUBURN - REHABILITATION OF AUBURN STREET, FROM WALSH AVENUE TO MILLBURY STREET	3	STP	\$ 2,456,703	\$ 1,965,362	\$ 491,341	Construction / TEC Score = 4.3 / Design Status = Pre 25% / Total Project Cost = \$2,456,703
	602659	CHARLTON - OXFORD - RECONSTRUCTION ON ROUTE 20, FROM RICHARDSON'S CORNER EASTERLY TO ROUTE 12, INCLUDES REHAB OF C-06-023 & REPLACEMENT OF O-06-002	3	STP	\$ 9,386,727	\$ 7,509,382	\$ 1,877,345	AC Year 2 of 5 / Design Status = Pre25% / In FY 21 CMAQ + HSIP + STP + SW Infracture + NFA Total Project Cost = \$31,786,727 / Overall cost of Project is \$57,000,000
Non-CMAQ/HSIP/TAP (Other) Subtotal ►					\$ 14,585,427	\$ 11,668,342	\$ 2,917,085	◀ 80% Federal + 20% Non-Federal

► Section 1A / Fiscal Constraint Analysis

Total Federal Aid Target Funds Programmed ►	\$ 16,585,427	\$ 19,177,403	◀ Total Target	\$ 2,591,976	Target Funds Available
Total Non-CMAQ/HSIP/TAP (Other) Programmed ►	\$ 14,585,427	\$ 15,649,330	◀ Max. Non-CMAQ/HSIP/TAP	\$ 1,063,903	Non-CMAQ/HSIP/TAP (Other) Available
Total HSIP Programmed ►	\$ 1,000,000	\$ 869,013	◀ Min. HSIP	\$ (130,987)	HSIP Recommended Met
Total CMAQ Programmed ►	\$ 1,000,000	\$ 2,172,533	◀ Min. CMAQ	\$ 1,172,533	CMAQ Recommended Not Met
Total TAP Programmed ►	\$ -	\$ 486,527	◀ Min. TAP	\$ 486,527	TAP Recommended Not Met

Remaining HSIP, CMAQ, and TAP Funds \$ 1,528,073

► Section 1B / Federal Aid Bridge Projects

► Statewide Systematic Maintenance Program

2021 Cental Mass Region MPO Transportation Improvement Program

CMMPO Endorsed - 8/3/16

Amendment/ Adjustment Type ▼	MassDOT Project ID ▼	MassDOT Project Description ▼	MassDOT District ▼	Funding Source ▼	Total Programmed Funds ▼	Federal Funds ▼	Non-Federal Funds ▼	Additional Information ▼
		No Projects Programmed			\$ -	\$ -	\$ -	
Statewide Bridge Maintenance Program Subtotal ▶					\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal
▶ On System								
		No Projects Programmed			\$ -	\$ -	\$ -	
On System Subtotal ▶					\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal
▶ Off-System								
		No Projects Programmed			\$ -	\$ -	\$ -	
Off-System Subtotal ▶					\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal
▶ Statewide Bridge Inspection Program								
		No Projects Programmed			\$ -	\$ -	\$ -	
Statewide Bridge Inspection Program Subtotal ▶					\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal
▶ Section 1C / Federal Aid Non-Target Projects								
▶ Other Federal Aid								
		No Projects Programmed			\$ -	\$ -	\$ -	
Other Federal Aid Subtotal ▶					\$ -	\$ -	\$ -	◀ Funding Split Varies by Funding Source
▶ Section 1D / Federal Aid Major & State Category Projects								
▶ Regional Major Infrastructure								
		No Projects Programmed			\$ -	\$ -	\$ -	
Regional Major Infrastructure Subtotal ▶					\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal
▶ Statewide Americans with Disability Act Implementation Plan								
		No Projects Programmed			\$ -	\$ -	\$ -	
Statewide ADA Implementation Plan Subtotal ▶					\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal
▶ Statewide Congestion Mitigation and Air Quality								
		No Projects Programmed			\$ -	\$ -	\$ -	
Statewide CMAQ Subtotal ▶					\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal
▶ Statewide HSIP Program								
		No Projects Programmed			\$ -	\$ -	\$ -	
Statewide HSIP Program Subtotal ▶					\$ -	\$ -	\$ -	◀ 90% Federal + 10% Non-Federal
▶ Statewide Infrastructure Program								
	602659	CHARLTON - OXFORD - RECONSTRUCTION ON ROUTE 20, FROM RICHARDSON'S CORNER EASTERLY TO ROUTE 12, INCLUDES REHAB OF C-06-023 & REPLACEMENT OF O-06-002	3	NHPP	\$ 10,400,000	\$ 8,320,000	\$ 2,080,000	AC Year 2 of 5 / Design Status = Pre25% / In FY 21 CMAQ + HSIP + STP + SW Infracture + NFA Total Project Cost = \$31,786,727 / Overall cost of Project is \$57,000,000

2021 Cental Mass Region MPO Transportation Improvement Program

CMMPO Endorsed - 8/3/16

Amendment/ Adjustment Type ▼	MassDOT Project ID ▼	MassDOT Project Description ▼	MassDOT District ▼	Funding Source ▼	Total Programmed Funds ▼	Federal Funds ▼	Non-Federal Funds ▼	Additional Information ▼
Statewide Infrastructure Program Subtotal ▶					\$ 10,400,000	\$ 8,320,000	\$ 2,080,000	◀ 80% Federal + 20% Non-Federal
▶ Statewide Interstate Maintenance Program								
		No Projects Programmed			\$ -	\$ -	\$ -	
Statewide Interstate Maintenance Program Subtotal ▶					\$ -	\$ -	\$ -	◀ 90% Federal + 10% Non-Federal
▶ Statewide Intelligent Transportation Systems								
		No Projects Programmed			\$ -	\$ -	\$ -	
Statewide ITS Subtotal ▶					\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal
▶ Statewide National Freight Program								
		No Projects Programmed			\$ -	\$ -	\$ -	
Statewide National Freight Program Subtotal ▶					\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal
▶ Statewide National Highway System Preservation Program								
	608491	UXBRIDGE - MENDON - RESURFACING AND RELATED WORK ON ROUTE 16	3	NHPP	\$ 5,397,480	\$ 4,317,984	\$ 1,079,496	Construction / Design Status = Pre25% / Total Project Cost = \$5,397,480
Statewide NHS Preservation Program Subtotal ▶					\$ 5,397,480	\$ 4,317,984	\$ 1,079,496	◀ 80% Federal + 20% Non-Federal
▶ Statewide Planning Program								
		No Projects Programmed			\$ -	\$ -	\$ -	
Statewide Planning Program Subtotal ▶					\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal
▶ Statewide Railroad Grade Crossings								
		No Projects Programmed			\$ -	\$ -	\$ -	
Statewide RR Grade Crossings Subtotal ▶					\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal
▶ Statewide Safe Routes to Schools Program								
		No Projects Programmed		SRTS	\$ -	\$ -	\$ -	
Statewide Safe Routes to Schools Program Subtotal ▶					\$ -	\$ -	\$ -	◀ Funding Split Varies by Funding Source
▶ Statewide Stormwater Retrofits								
		No Projects Programmed			\$ -	\$ -	\$ -	
Statewide Stormwater Retrofits Subtotal ▶					\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal
▶ Statewide Transportation Enhancements								
		No Projects Programmed			\$ -	\$ -	\$ -	
Statewide Transportation Enhancements Subtotal ▶					\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal
▶ Other Statewide Items								
		ABP GANS Repayment			\$ -	\$ -	\$ -	
		Award Adjustments, Change Orders, Project Value Changes, Etc.			\$ -	\$ -	\$ -	
		DBEs, FAPO, Pavement Lab Retrofits, and Misc. Programs			\$ -	\$ -	\$ -	
		Planning			\$ -	\$ -	\$ -	
		Statewide Design and Right of Way			\$ -	\$ -	\$ -	
		Statewide Recreational Trails			\$ -	\$ -	\$ -	
Other Statewide Items Subtotal ▶					\$ -	\$ -	\$ -	◀ Funding Split Varies by Funding Source

2021 Cental Mass Region MPO Transportation Improvement Program

CMMPO Endorsed - 8/3/16

Amendment/ Adjustment Type ▼	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 2A / Non-Federal Projects

► Non Federal Aid

	602659	CHARLTON - OXFORD - RECONSTRUCTION ON ROUTE 20, FROM RICHARDSON'S CORNER EASTERLY TO ROUTE 12, INCLUDES REHAB OF C-06-023 & REPLACEMENT OF O-06-002		NFA	\$ 10,000,000		\$ 10,000,000	AC Year 2 of 5 / Design Status = Pre25% / In FY 21 CMAQ + HSIP + STP + SW Infracture + NFA Total Project Cost = \$31,786,727 / Overall cost of Project is \$57,000,000
Non-Federal Aid Subtotal ►					\$ 10,000,000		\$ 10,000,000	◀100% Non-Federal

► Section 2B / Non-Federal Bridge Projects

► Section 2B / Non-Federal Bridge Projects

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

2021 Central Mass Region MPO TIP Summary

	TIP Section 1: ▼	TIP Section 2: ▼	Total of All Projects ▼	
Total ►	\$ 32,382,907	\$ 10,000,000	\$ 42,382,907	◀ Total Spending in Region
Federal Funds ►	\$ 26,006,326		\$ 26,006,326	◀ Total Federal Spending in Region
Non-Federal Funds ►	\$ 6,376,581	\$ 10,000,000	\$ 16,376,581	◀ Total Non-Federal Spending in Region

Project costs have increased by 16% to account for inflation.

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>