

CHAPTER THREE

Summary of Highway and Transit Programming

This chapter contains the TIP tables, a listing of all the projects and programs funded with federal highway and transit funding in the Boston region during federal fiscal years (FFYs) 2019–23 (Tables 3-2 to 3-7). These tables are also included as part of the State Transportation Improvement Program (STIP). Section 1A of the TIP tables (Table 3-2) includes the regionally prioritized projects funded during a given federal fiscal year. The other sections of the table (sections 1B, 2A, 2B, 2C, 3, and 4) list the following:

- Projects funded with earmarks or discretionary grant funds
- State prioritized bridge, pavement maintenance, safety improvements, retrofits for accessibility (as required by the Americans with Disabilities Act), intersection improvements, roadway reconstruction, and bicycle and pedestrian projects
- Projects funded by sources other than federal aid

Tables 3-3 to 3-7 include the funding for the MBTA, MWRTA, and CATA.

The Boston Region MPO has the discretion to allocate its share of funds from the Federal-Aid Highway Program—the MPO’s Regional Targets—to projects identified as regional priorities as it sees fit. However, the allocation of those funds is constrained by projections of available federal aid. As shown in Table 3-1 below, the MPO has programmed its discretionary funds within the limits of projected funding for highway funding programs. As such, the FFYs 2019–23 TIP Regional Target Program complies with financial constraint requirements.

TABLE 3-1
 BOSTON REGION MPO REGIONAL TARGET PROGRAM
 MPO DISCRETIONARY FUNDS SOURCED FROM THE FEDERAL-AID HIGHWAY PROGRAM
 (INCLUDING STATE MATCHING FUNDS, BUT EXCLUDING EARMARKED FUNDS)

Regional Target Program	FFY 2019	FFY 2020	FFY 2021	FFY 2022	FFY 2023	Total
Regional Target Obligation Authority	\$98,794,261	\$102,478,656	\$104,552,877	\$106,681,829	\$109,011,849	\$521,519,472
Regional Target Programmed	\$97,126,008	\$102,478,644	\$104,439,292	\$106,584,303	\$104,915,914	\$515,544,161
Regional Target Funds Unprogrammed	\$1,668,253	\$12	\$113,585	\$97,526	\$4,095,935	\$5,975,311

The second part of the chapter includes detailed descriptions of projects, including evaluation ratings (for projects funded by the MPO's Regional Target Program), length of roadway to be improved, and funding details. The pages are organized alphabetically by municipality.

2019 Boston 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
Section 1A / Regionally Prioritized Projects											
Regionally Prioritized Projects											
	Planning / Adjustments / Pass-throughs	1570	Boston Region	Multiple	GREEN LINE EXTENSION PROJECT- EXTENSION TO COLLEGE AVENUE WITH THE UNION SQUARE SPUR	6	CMAQ	\$ 28,184,400	\$ 22,547,520	\$ 5,636,880	Construction: STP+CMAQ+Section 5309 (Transit) Total MPO Contribution = \$190,000,000; AC Yr 4 of 6; funding flexed to FTA; match provided by local contributions
	Planning / Adjustments / Pass-throughs	1570	Boston Region	Multiple	GREEN LINE EXTENSION PROJECT- EXTENSION TO COLLEGE AVENUE WITH THE UNION SQUARE SPUR	6	STP	\$ 28,184,400	\$ 22,547,520	\$ 5,636,880	Construction: STP+CMAQ+Section 5309 (Transit) Total MPO Contribution = \$190,000,000; AC Yr 4 of 6; funding flexed to FTA; match provided by local contributions
	Roadway Reconstruction	606635	Boston Region	Multiple	NEEDHAM-NEWTON- RECONSTRUCTION OF HIGHLAND AVENUE, NEEDHAM STREET & CHARLES RIVER BRIDGE, N-04-002, FROM WEBSTER STREET (NEEDHAM) TO ROUTE 9 (NEWTON)	6	CMAQ	\$ 3,500,000	\$ 2,800,000	\$ 700,000	Construction: CMAQ+HSIP+TAP+STP Total Cost = \$26,883,332; AC Yr 1 of 2; MPO Evaluation Score = 75
	Roadway Reconstruction	606635	Boston Region	Multiple	NEEDHAM-NEWTON- RECONSTRUCTION OF HIGHLAND AVENUE, NEEDHAM STREET & CHARLES RIVER BRIDGE, N-04-002, FROM WEBSTER STREET (NEEDHAM) TO ROUTE 9 (NEWTON)	6	HSIP	\$ 2,875,199	\$ 2,587,679	\$ 287,520	Construction: CMAQ+HSIP+TAP+STP Total Cost = \$26,883,332; AC Yr 1 of 2; MPO Evaluation Score = 75
	Roadway Reconstruction	606635	Boston Region	Multiple	NEEDHAM-NEWTON- RECONSTRUCTION OF HIGHLAND AVENUE, NEEDHAM STREET & CHARLES RIVER BRIDGE, N-04-002, FROM WEBSTER STREET (NEEDHAM) TO ROUTE 9 (NEWTON)	6	STP	\$ 5,519,974	\$ 4,415,979	\$ 1,103,995	Construction: CMAQ+HSIP+TAP+STP Total Cost = \$26,883,332; AC Yr 1 of 2; MPO Evaluation Score = 75
	Roadway Reconstruction	606635	Boston Region	Multiple	NEEDHAM-NEWTON- RECONSTRUCTION OF HIGHLAND AVENUE, NEEDHAM STREET & CHARLES RIVER BRIDGE, N-04-002, FROM WEBSTER STREET (NEEDHAM) TO ROUTE 9 (NEWTON)	6	TAP	\$ 1,546,493	\$ 1,237,194	\$ 309,299	Construction: CMAQ+HSIP+TAP+STP Total Cost = \$26,883,332; AC Yr 1 of 2; MPO Evaluation Score = 75; TAP Proponent = MassDOT
	Roadway Reconstruction	605034	Boston Region	Natick	NATICK- RECONSTRUCTION OF ROUTE 27 (NORTH MAIN STREET), FROM NORTH AVENUE TO THE WAYLAND T.L.	3	CMAQ	\$ 2,415,334	\$ 1,932,267	\$ 483,067	Construction: CMAQ+TAP+STP Total Cost = \$12,081,464; MPO Evaluation Score = 60
	Roadway Reconstruction	605034	Boston Region	Natick	NATICK- RECONSTRUCTION OF ROUTE 27 (NORTH MAIN STREET), FROM NORTH AVENUE TO THE WAYLAND T.L.	3	STP	\$ 8,347,197	\$ 6,677,758	\$ 1,669,439	Construction: CMAQ+TAP+STP Total Cost = \$12,081,464; MPO Evaluation Score = 60
	Roadway Reconstruction	605034	Boston Region	Natick	NATICK- RECONSTRUCTION OF ROUTE 27 (NORTH MAIN STREET), FROM NORTH AVENUE TO THE WAYLAND T.L.	3	TAP	\$ 1,318,933	\$ 1,055,146	\$ 263,787	Construction: CMAQ+TAP+STP Total Cost = \$12,081,464; MPO Evaluation Score = 60; TAP Proponent = MassDOT
	Roadway Reconstruction	607428	Boston Region	Multiple	HOPEDALE- MILFORD- RESURFACING & INTERSECTION IMPROVEMENTS ON ROUTE 16 (MAIN STREET), FROM WATER STREET WEST TO APPROXIMATELY 120 FEET WEST OF THE MILFORD/HOPEDALE T.L AND THE INTERSECTION OF ROUTE 140.	3	CMAQ	\$ 1,000,000	\$ 800,000	\$ 200,000	Construction: CMAQ+HSIP Total Cost = \$2,967,944; MPO Evaluation Score = 54
	Roadway Reconstruction	607428	Boston Region	Multiple	HOPEDALE- MILFORD- RESURFACING & INTERSECTION IMPROVEMENTS ON ROUTE 16 (MAIN STREET), FROM WATER STREET WEST TO APPROXIMATELY 120 FEET WEST OF THE MILFORD/HOPEDALE T.L AND THE INTERSECTION OF ROUTE 140.	3	HSIP	\$ 1,967,944	\$ 1,771,150	\$ 196,794	Construction: CMAQ+HSIP Total Cost = \$2,967,944; MPO Evaluation Score = 54
	Roadway Reconstruction	605789	Boston Region	Boston	BOSTON- RECONSTRUCTION OF MELNEA CASS BOULEVARD	6	STP	\$ 7,871,248	\$ 6,296,998	\$ 1,574,250	Construction: STP+Earmark Total Cost = \$25,315,588; MPO Evaluation Score = 59

2019 Boston 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
	Planning / Adjustments / Pass-throughs	608347	Boston Region	Beverly	BEVERLY- INTERSECTION IMPROVEMENTS @ 3 LOCATIONS: CABOT STREET (ROUTE 1A/97) @ DODGE STREET (ROUTE 1A), COUNTY WAY, LONGMEADOW ROAD & SCOTT STREET, MCKAY STREET @ BALCH STREET & VETERANS MEMORIAL BRIDGE (ROUTE 1A) AT RANTOUL, CABOT, WATER & FRONT STREETS	4	CMAQ	\$ 1,520,271	\$ 1,216,217	\$ 304,054	Construction; HSIP+CMAQ Total Cost = \$4,394,886; MPO Evaluation Score = 63
	Planning / Adjustments / Pass-throughs	608347	Boston Region	Beverly	BEVERLY- INTERSECTION IMPROVEMENTS @ 3 LOCATIONS: CABOT STREET (ROUTE 1A/97) @ DODGE STREET (ROUTE 1A), COUNTY WAY, LONGMEADOW ROAD & SCOTT STREET, MCKAY STREET @ BALCH STREET & VETERANS MEMORIAL BRIDGE (ROUTE 1A) AT RANTOUL, CABOT, WATER & FRONT STREETS	4	HSIP	\$ 2,874,615	\$ 2,587,154	\$ 287,462	Construction; HSIP+CMAQ Total Cost = \$4,394,886; MPO Evaluation Score = 63
Regionally Prioritized Projects subtotal ▶								\$ 92,731,122	\$ 74,669,212	\$ 18,061,910	◀ 80% Federal + 20% Non-Federal

Section 1A / Fiscal Constraint Analysis

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 autocalculate. Please verify the amount and only change if needed for flex; **Column K)** Non-federal funds autocalculate. Please verify the split match - if matching an FTA flex, coordinate with Rail & Transit Division before programming; **Column L)** Enter Additional Information as described - please do not use any other format.

Total Regional Federal Aid Funds Programmed ▶	\$ 97,126,008	\$ 98,794,261	◀ Total Budget	\$ 1,668,253	Target Funds Available
STP programmed ▶	\$ 49,922,819	\$ 17,390,735	◀ STP		
HSIP programmed ▶	\$ 7,717,758	\$ 6,945,982	◀ HSIP		
CMAQ programmed ▶	\$ 36,620,005	\$ 29,296,004	◀ CMAQ		
TAP programmed ▶	\$ 2,865,426	\$ 2,292,341	◀ TAP		

Section 1B / Earmark or Discretionary Grant Funded Projects

Other Federal Aid											
Earmark Discretionary	605789	Boston Region	Boston	BOSTON- RECONSTRUCTION OF MELNEA CASS BOULEVARD	6	HPP	\$ 5,007,375	\$ 4,005,900	\$ 1,001,475	Construction; HPP 4284 (MA203); STP+Earmarks Total Cost = \$24,792,845	
Earmark Discretionary	605789	Boston Region	Boston	BOSTON- RECONSTRUCTION OF MELNEA CASS BOULEVARD	6	HPP	\$ 2,703,983	\$ 2,163,186	\$ 540,797	Construction; HPP 756 (MA126); STP+Earmarks Total Cost = \$24,792,845	
Earmark Discretionary	605789	Boston Region	Boston	BOSTON- RECONSTRUCTION OF MELNEA CASS BOULEVARD	6	HPP	\$ 6,259,219	\$ 5,007,375	\$ 1,251,844	Construction; (MA154); STP+Earmarks Total Cost = \$24,792,845	
Earmark Discretionary	605789	Boston Region	Boston	BOSTON- RECONSTRUCTION OF MELNEA CASS BOULEVARD	6	HPP	\$ 3,473,764	\$ 2,779,011	\$ 694,753	Construction; (MA194); STP+Earmarks Total Cost = \$24,792,845	
Earmark Discretionary	607330	Boston Region	Milton	MILTON- DECK RECONSTRUCTION OVER SE EXPRESSWAY (EAST MILTON SQUARE), INCLUDES PARKING & NEW LANDSCAPED AREA	4	HPP	\$ 1,502,213	\$ 1,201,770	\$ 300,443	Construction; (MA125)	
Earmark Discretionary	607330	Boston Region	Milton	MILTON- DECK RECONSTRUCTION OVER SE EXPRESSWAY (EAST MILTON SQUARE), INCLUDES PARKING & NEW LANDSCAPED AREA	4	HPP	\$ 1,251,844	\$ 1,001,475	\$ 250,369	Construction; (MA134)	
Earmark Discretionary	606316	Boston Region	Brookline	BROOKLINE- PEDESTRIAN BRIDGE REHABILITATION, B-27-016, OVER MBTA OFF CARLTON STREET	6	HPP	\$ 751,106	\$ 600,885	\$ 150,221	Demol ID: MA 149 Repurposed earmark, formerly design and construct signal crossing and other safety improvements to Emerald Necklace Greenway Bicycle Trail. Town of	
		Boston Region		Other Federal Aid		HPP	\$ -	\$ -	\$ -		
Other Federal Aid subtotal ▶								\$ 20,949,502	\$ 16,759,602	\$ 4,189,900	◀ Funding Split Varies by Funding Source

Section 2A / State Prioritized Reliability Projects

Bridge Program / Inspections

Bridge Program		Boston Region		Bridge Inspection			\$ -	\$ -	\$ -		
Bridge Program / Inspections subtotal ▶								\$ -	\$ -	\$ -	◀ Funding Split Varies by Funding Source

Bridge Program / Off-System

Bridge Program		Boston Region				STP-BR-OFF					
Bridge Program		Boston Region				STP-BR-OFF					
Bridge Program / Off-System subtotal ▶								\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal

Bridge Program / On-System (NHS)

Bridge Program		Boston Region				NHPP-On			\$ -		
Bridge Program		Boston Region				NHPP-On			\$ -		
Bridge Program		Boston Region				NHPP-On			\$ -		
Bridge Program / On-System (NHS) subtotal ▶								\$ -	\$ -	\$ -	◀ Funding Split Varies by Funding Source

2019 Boston 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 ▼ <small>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</small>
► Bridge Program / On-System (Non-NHS)											
	Bridge Program		Boston Region		Bridge Program / On-System (Non-NHS)			\$ -	\$ -	\$ -	
								Bridge Program / On-System (Non-NHS) subtotal ►		\$ -	◀ 80% Federal + 20% Non-Federal
► Bridge Program / Systematic Maintenance											
	Bridge Program		Boston Region				NHPP-On	\$ -	\$ -	\$ -	
								Bridge Program / Systematic Maintenance subtotal ►		\$ -	◀ Funding Split Varies by Funding Source
► Interstate Pavement											
	Interstate Pavement	608219	Boston Region	Multiple	READING- WAKEFIELD- RESURFACING AND RELATED WORK ON I-95	4	NHPP	\$ 4,123,392	\$ 3,711,053	\$ 412,339	
								Interstate Pavement subtotal ►		\$ 4,123,392	◀ 90% Federal + 10% Non-Federal
► Non-Interstate Pavement											
	Non-Interstate Pavement	608468	Boston Region	Multiple	PEABODY- DANVERS- RESURFACING AND RELATED WORK ON ROUTE 1	4	NHPP	\$ 11,628,900	\$ 9,303,120	\$ 2,325,780	
	Non-Interstate Pavement	608493	Boston Region	Topsfield	TOPSFIELD- RESURFACING AND RELATED WORK ON ROUTE 1	4	NHPP	\$ 9,086,000	\$ 7,268,800	\$ 1,817,200	
	Non-Interstate Pavement	608587	Boston Region	Dedham	DEDHAM- RESURFACING AND RELATED WORK ON ROUTE 109	6	NHPP	\$ 5,525,503	\$ 4,420,402	\$ 1,105,101	
								Non-Interstate Pavement subtotal ►		\$ 26,240,403	◀ 80% Federal + 20% Non-Federal
► Roadway Improvements											
	Roadway Improvements		Boston Region		Roadway Improvements			\$ -	\$ -	\$ -	
	Roadway Improvements		Boston Region		Roadway Improvements			\$ -	\$ -	\$ -	
	Roadway Improvements		Boston Region		Roadway Improvements			\$ -	\$ -	\$ -	
								Roadway Improvements subtotal ►		\$ -	◀ 80% Federal + 20% Non-Federal
► Safety Improvements											
	Safety Improvements	608206	Boston Region	Multiple	CHELSEA TO DANVERS- GUIDE AND TRAFFIC SIGN REPLACEMENT ON A SECTION OF US ROUTE 1	4	NHPP	\$ 7,195,084	\$ 6,475,576	\$ 719,508	
	Safety Improvements	608205	Boston Region	Multiple	READING TO LYNNFIELD- GUIDE AND TRAFFIC SIGN REPLACEMENT ON A SECTION OF I-95 (SR 128)	4	NHPP	\$ 4,513,288	\$ 4,061,959	\$ 451,329	
	Safety Improvements	608608	Boston Region	Braintree	BRAINTREE- HIGHWAY LIGHTING IMPROVEMENTS AT I-93/ROUTE 3 INTERCHANGE	6	NHPP	\$ 7,008,503	\$ 6,307,653	\$ 700,850	
								Safety Improvements subtotal ►		\$ 18,716,875	◀ Funding Split Varies by Funding Source

2019 Boston 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 ▼ <small>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</small>	
▶ Section 2B / State Prioritized Modernization Projects												
▶ ADA Retrofits												
	ADA Retrofits		Boston Region		ADA Retrofits			\$ -	\$ -	\$ -		
	ADA Retrofits		Boston Region		ADA Retrofits			\$ -	\$ -	\$ -		
								ADA Retrofits subtotal ▶	\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal
▶ Intersection Improvements												
	Intersection Improvements	608755	Boston Region	Boston	BOSTON- INTERSECTION IMPROVEMENTS AT MORTON STREET AND HARVARD STREET	6	HSIP	\$ 1,500,000	\$ 1,350,000	\$ 150,000		
	Intersection Improvements	607249	Boston Region	Sudbury	SUDBURY- INTERSECTION IMPROVEMENTS @ ROUTE 20 & LANDHAM ROAD	3	HSIP	\$ 2,152,521	\$ 1,937,269	\$ 215,252		
								Intersection Improvements subtotal ▶	\$ 3,652,521	\$ 3,287,269	\$ 365,252	◀ Funding Split Varies by Funding Source
▶ Intelligent Transportation Systems												
	Intelligent Transportation Systems		Boston Region		Intelligent Transportation Systems			\$ -	\$ -	\$ -		
	Intelligent Transportation Systems		Boston Region		Intelligent Transportation Systems			\$ -	\$ -	\$ -		
	Intelligent Transportation Systems		Boston Region		Intelligent Transportation Systems			\$ -	\$ -	\$ -		
								Intelligent Transportation System subtotal ▶	\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal
▶ Roadway Reconstruction												
	Roadway Reconstruction		Boston Region		Roadway Reconstruction			\$ -	\$ -	\$ -		
	Roadway Reconstruction		Boston Region		Roadway Reconstruction			\$ -	\$ -	\$ -		
	Roadway Reconstruction		Boston Region		Roadway Reconstruction			\$ -	\$ -	\$ -		
	Roadway Reconstruction		Boston Region		Roadway Reconstruction			\$ -	\$ -	\$ -		
								Roadway Reconstruction subtotal ▶	\$ -	\$ -	\$ -	◀ Funding Split Varies by Funding Source
▶ Section 2C / State Prioritized Expansion Projects												
▶ Bicycles and Pedestrians												
	Bicycles and Pedestrians	606223	Boston Region	Multiple	ACTON- CONCORD- BRUCE FREEMAN RAIL TRAIL CONSTRUCTION, INCLUDES REPLACING BRIDGE C-19-037, RAIL TRAIL OVER NASHOBA BROOK, NEW BRIDGE C-19-039, RAIL TRAIL OVER ROUTE 2 & NEW CULVERT C-19-040, ROUTE 2 OVER WILDLIFE CROSSING (PHASE II-B)	4	CMAQ	\$ 9,196,638	\$ 7,357,311	\$ 1,839,328	Construction / PSAC score 31.5	
	Bicycles and Pedestrians	606316	Boston Region	Multiple	BROOKLINE, PEDESTRIAN BRIDGE REHABILITATION, B-27-016, OVER MBTA OFF CARLTON STREET	6	CMAQ	\$ 2,939,404	\$ 2,351,523	\$ 587,881	Construction / Total Project Cost \$ \$3,690,510 w/ additional funding from earmark at \$751,106	
	Bicycles and Pedestrians		Boston Region		Bicycles and Pedestrians			\$ -	\$ -	\$ -		
								Bicycles and Pedestrians subtotal ▶	\$ 12,136,042	\$ 9,708,834	\$ 2,427,208	◀ 80% Federal + 20% Non-Federal
▶ Capacity												
	Capacity		Boston Region		Capacity			\$ -	\$ -	\$ -		
	Capacity		Boston Region		Capacity			\$ -	\$ -	\$ -		
								Capacity subtotal ▶	\$ -	\$ -	\$ -	◀ Funding Split Varies by Funding Source

2019 Boston 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 ▼ <small>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</small>
-------------------------------	----------------	----------------------	--------------------------------------	---------------------	-------------------------------	--------------------	------------------	--------------------------	-----------------	---------------------	--

► Section 3 / Planning / Adjustments / Pass-throughs

► Planning / Adjustments / Pass-throughs

			Boston Region		ABP GANS Repayment	Multiple		\$ -	\$ -	\$ -	
			Boston Region		ABP GANS Repayment	Multiple		\$ -	\$ -	\$ -	
	Earmark Discretionary	BN0008	Boston Region	Newburyport	Parker River National Wildlife Refuge - Replace Helicat Trail Boardwalk	4	Other FA	\$ 1,200,000	\$ 960,000	\$ 240,000	
			Boston Region		Award adjustments, change orders, etc.	Multiple		\$ -	\$ -	\$ -	
			Boston Region		Award adjustments, change orders, etc.	Multiple		\$ -	\$ -	\$ -	
			Boston Region		Award adjustments, change orders, etc.	Multiple		\$ -	\$ -	\$ -	
			Boston Region		Metropolitan Planning	Multiple		\$ -	\$ -	\$ -	
			Boston Region		Metropolitan Planning	Multiple		\$ -	\$ -	\$ -	
			Boston Region		State Planning and Research Work Program I, (SPR I), Planning	Multiple		\$ -	\$ -	\$ -	
			Boston Region		State Planning and Research Work Program II, (SPR II), Research	Multiple		\$ -	\$ -	\$ -	
			Boston Region		Railroad Crossings	Multiple		\$ -	\$ -	\$ -	
			Boston Region		Railroad Crossings	Multiple		\$ -	\$ -	\$ -	
			Boston Region		Recreational Trails	Multiple		\$ -	\$ -	\$ -	
Other Statewide Items subtotal ►								\$ 1,200,000	\$ 960,000	\$ 240,000	◀ Funding Split Varies by Funding Source

► Section 4 / Non-Federally Aided Projects

► Non-Federally Aided Projects

	Non-Federal Aid		Boston Region		Non-Federal Aid			\$ -	\$ -	\$ -	
	Non-Federally Aided Projects		Boston Region		Non-Federal Aid			\$ -	\$ -	\$ -	
Non-Federal Aid subtotal ►								\$ -	\$ -	\$ -	◀ 100% Non-Federal

2019 Summary

	TIP Section 1 - 3: ▼	TIP Section 4: ▼	Total of All Projects ▼	
Total ►	\$ 179,749,858	\$ -	\$ 179,749,858	◀ Total Spending in Region
Federal Funds ►	\$ 146,933,479	\$ -	\$ 146,933,479	◀ Total Federal Spending in Region
Non-Federal Funds ►	\$ 32,816,378	\$ -	\$ 32,816,378	◀ 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>

2020 Boston 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 ▼
▶ Section 1A / Regionally Prioritized Projects											
▶ Regionally Prioritized Projects											
	Planning / Adjustments / Pass-throughs	1570	Boston Region	Multiple	GREEN LINE EXTENSION PROJECT- EXTENSION TO COLLEGE AVENUE WITH THE UNION SQUARE SPUR	6	CMAQ	\$ 20,031,200	\$ 16,024,960	\$ 4,006,240	Construction; STP+CMAQ+Section 5309 (Transit) Total MPO Contribution = \$190,000,000; AC Yr 5 of 6; funding flexed to FTA; match provided by local contributions
	Roadway Reconstruction	606635	Boston Region	Multiple	NEEDHAM-NEWTON- RECONSTRUCTION OF HIGHLAND AVENUE, NEEDHAM STREET & CHARLES RIVER BRIDGE, N-04-002, FROM WEBSTER STREET (NEEDHAM) TO REOUT 9 (NEWTON)	6	HSIP	\$ 3,044,110	\$ 2,739,699	\$ 304,411	Construction; CMAQ+HSIP+TAP+STP Total Cost = \$26,883,332; AC Yr 1 of 2; MPO Evaluation Score = 75
	Roadway Reconstruction	606635	Boston Region	Multiple	NEEDHAM-NEWTON- RECONSTRUCTION OF HIGHLAND AVENUE, NEEDHAM STREET & CHARLES RIVER BRIDGE, N-04-002, FROM WEBSTER STREET (NEEDHAM) TO REOUT 9 (NEWTON)	6	STP	\$ 10,397,556	\$ 8,318,045	\$ 2,079,511	Construction; CMAQ+HSIP+TAP+STP Total Cost = \$26,883,332; AC Yr 1 of 2; MPO Evaluation Score = 75
	Roadway Reconstruction	606043	Boston Region	Hopkinton	HOPKINTON- SIGNAL & INTERSECTION IMPROVEMENTS ON ROUTE 135	3	CMAQ	\$ 2,365,425	\$ 1,892,340	\$ 473,085	Construction; CMAQ+STP Total Cost = \$8,264,619
	Roadway Reconstruction	606043	Boston Region	Hopkinton	HOPKINTON- SIGNAL & INTERSECTION IMPROVEMENTS ON ROUTE 135	3	STP	\$ 5,899,194	\$ 4,719,355	\$ 1,179,839	Construction; CMAQ+STP Total Cost = \$8,264,619
	Roadway Reconstruction	607652	Boston Region	Everett	EVERETT- RECONSTRUCTION OF FERRY STREET, SOUTH FERRY STREET AND A PORTION OF ELM STREET	4	CMAQ	\$ 1,884,270	\$ 1,507,416	\$ 376,854	Construction; CMAQ+STP+HSIP+TAP Total Cost = \$16,764,338; MPO Evaluation Score = 73
	Roadway Reconstruction	607652	Boston Region	Everett	EVERETT- RECONSTRUCTION OF FERRY STREET, SOUTH FERRY STREET AND A PORTION OF ELM STREET	4	HSIP	\$ 1,050,296	\$ 945,266	\$ 105,030	Construction; CMAQ+STP+HSIP+TAP Total Cost = \$16,764,338; MPO Evaluation Score = 73
	Roadway Reconstruction	607652	Boston Region	Everett	EVERETT- RECONSTRUCTION OF FERRY STREET, SOUTH FERRY STREET AND A PORTION OF ELM STREET	4	STP	\$ 13,105,360	\$ 10,484,288	\$ 2,621,072	Construction; CMAQ+STP+HSIP+TAP Total Cost = \$16,764,338; MPO Evaluation Score = 73
	Roadway Reconstruction	607652	Boston Region	Everett	EVERETT- RECONSTRUCTION OF FERRY STREET, SOUTH FERRY STREET AND A PORTION OF ELM STREET	4	TAP	\$ 724,412	\$ 579,530	\$ 144,882	Construction; CMAQ+STP+HSIP+TAP Total Cost = \$16,764,338; MPO Evaluation Score = 73; TAP Proponent = Everett
	Roadway Reconstruction	602077	Boston Region	Lynn	LYNN- RECONSTRUCTION ON ROUTE 129 (LYNNFIELD STREET), FROM GREAT WOODS ROAD TO WYOMA SQUARE	4	CMAQ	\$ 1,000,000	\$ 800,000	\$ 200,000	Construction; CMAQ+STP Total Cost = \$4,579,576; MPO Evaluation Score = 38
	Roadway Reconstruction	602077	Boston Region	Lynn	LYNN- RECONSTRUCTION ON ROUTE 129 (LYNNFIELD STREET), FROM GREAT WOODS ROAD TO WYOMA SQUARE	4	STP	\$ 3,579,576	\$ 2,863,661	\$ 715,915	Construction; CMAQ+STP Total Cost = \$4,579,576; MPO Evaluation Score = 38
	Roadway Reconstruction	606226	Boston Region	Boston	BOSTON- RECONSTRUCTION OF RUTHERFORD AVENUE, FROM CITY SQUARE TO SULLIVAN SQUARE	6	STP	\$ 7,000,000	\$ 5,600,000	\$ 1,400,000	Construction; NHPP+STP+TAP Total Cost = \$152,000,000; AC Yr 1 of 5; Total funding in this TIP = \$116,626,515; MPO Evaluation Score = 59
	Roadway Reconstruction	604123	Boston Region	Ashland	ASHLAND- RECONSTRUCTION ON ROUTE 126 (POND STREET), FROM THE FRAMINGHAM T.L. TO THE HOLLISTON T.L.	3	CMAQ	\$ 1,000,000	\$ 800,000	\$ 200,000	Construction; STP+CMAQ+TAP Total Cost = \$14,094,251; MPO Evaluation Score = 54

2020 Boston 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 ▼ <small>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</small>
	Roadway Reconstruction	604123	Boston Region	Ashland	ASHLAND- RECONSTRUCTION ON ROUTE 126 (POND STREET), FROM THE FRAMINGHAM T.L. TO THE HOLLISTON T.L.	3	STP	\$ 10,987,770	\$ 8,790,216	\$ 2,197,554	Construction; STP+CMAQ+TAP Total Cost = \$14,094,251; MPO Evaluation Score = 54
	Roadway Reconstruction	604123	Boston Region	Ashland	ASHLAND- RECONSTRUCTION ON ROUTE 126 (POND STREET), FROM THE FRAMINGHAM T.L. TO THE HOLLISTON T.L.	3	TAP	\$ 2,106,481	\$ 1,685,185	\$ 421,296	Construction; STP+CMAQ+TAP Total Cost = \$14,094,251; MPO Evaluation Score = 54; TAP Proponent = MassDOT
	Roadway Reconstruction	602261	Boston Region	Walpole	WALPOLE- RECONSTRUCTION ON ROUTE 1A (MAIN STREET), FROM THE NORWOOD T.L. TO ROUTE 27, INCLUDES W-03-024 OVER THE NEPONSET RIVER	5	CMAQ	\$ 1,000,000	\$ 800,000	\$ 200,000	Construction; STP+CMAQ+TAP Total Cost = \$16,749,233; MPO Evaluation Score = 51
	Roadway Reconstruction	602261	Boston Region	Walpole	WALPOLE- RECONSTRUCTION ON ROUTE 1A (MAIN STREET), FROM THE NORWOOD T.L. TO ROUTE 27, INCLUDES W-03-024 OVER THE NEPONSET RIVER	5	STP	\$ 13,890,796	\$ 11,112,637	\$ 2,778,159	Construction; STP+CMAQ+TAP Total Cost = \$16,749,233; MPO Evaluation Score = 51
	Roadway Reconstruction	602261	Boston Region	Walpole	WALPOLE- RECONSTRUCTION ON ROUTE 1A (MAIN STREET), FROM THE NORWOOD T.L. TO ROUTE 27, INCLUDES W-03-024 OVER THE NEPONSET RIVER	5	TAP	\$ 1,858,437	\$ 1,486,750	\$ 371,687	Construction; STP+CMAQ+TAP Total Cost = \$16,749,233; MPO Evaluation Score = 51; TAP Proponent = MassDOT
	Roadway Reconstruction	608275	Boston Region	Malden	MALDEN - EXCHANGE STREET DOWNTOWN IMPROVEMENT PROJECT	4	CMAQ	\$ 1,000,000	\$ 800,000	\$ 200,000	Construction; CMAQ+STP Total Cost = \$1,553,760; MPO Evaluation Score = 59
	Roadway Reconstruction	608275	Boston Region	Malden	MALDEN - EXCHANGE STREET DOWNTOWN IMPROVEMENT PROJECT	4	STP	\$ 553,760	\$ 443,008	\$ 110,752	Construction; CMAQ+STP Total Cost = \$1,553,760; MPO Evaluation Score = 59
Regionally Prioritized Projects subtotal ▶								\$ 102,478,643	\$ 82,392,355	\$ 20,086,288	◀ 80% Federal + 20% Non-Federal

▶ Section 1A / Fiscal Constraint Analysis

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 an FTA flex, coordinate with Rail & Transit Division before programming; **Column L**) Enter Additional Information as described - please do not use any other format.

Total Regional Federal Aid Funds Programmed ▶	\$ 102,478,643	\$ 102,478,656	◀ Total Budget	\$ 13	Target Funds Available
STP programmed ▶	\$ 65,414,012	\$ 52,331,210	◀ STP		
HSIP programmed ▶	\$ 4,094,406	\$ 3,684,965	◀ HSIP		
CMAQ programmed ▶	\$ 28,280,895	\$ 22,624,716	◀ CMAQ		
TAP programmed ▶	\$ 4,689,330	\$ 3,751,464	◀ TAP		

2020 Boston 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 ▼ <small>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</small>
► Section 1B / Earmark or Discretionary Grant Funded Projects											
► Other Federal Aid											
			Boston Region		Other Federal Aid		HPP	\$ -	\$ -	\$ -	
			Boston Region		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		Boston Region		Bridge Inspection			\$ -	\$ -	\$ -	
Bridge Program / Inspections subtotal ►								\$ -	\$ -	\$ -	◀ Funding Split Varies by Funding Source
► Bridge Program / Off-System											
	Bridge Program		Boston Region		Bridge Program / Off-System			\$ -	\$ -	\$ -	
Bridge Program / Off-System subtotal ►								\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal
► Bridge Program / On-System (NHS)											
	Bridge Program		Boston Region				NHPP-On				
	Bridge Program		Boston Region				NHPP-On				
	Bridge Program		Boston Region				NHPP-On				
Bridge Program / On-System (NHS) subtotal ►								\$ -	\$ -	\$ -	◀ Funding Split Varies by Funding Source
► Bridge Program / On-System (Non-NHS)											
	Bridge Program		Boston Region				NHPP-Off		\$ -	\$ -	
Bridge Program / On-System (Non-NHS) subtotal ►								\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal
► Bridge Program / Systematic Maintenance											
	Bridge Program		Boston Region		Bridge Program / Systematic Maintenance			\$ -	\$ -	\$ -	
Bridge Program / Systematic Maintenance subtotal ►								\$ -	\$ -	\$ -	◀ Funding Split Varies by Funding Source
► Interstate Pavement											
	Interstate Pavement	608208	Boston Region	Multiple	QUINCY- MILTON- BOSTON INTERSTATE MAINTENANCE AND RELATED WORK ON I-93	6	NHPP	\$ 24,264,576	\$ 21,838,118	\$ 2,426,458	
Interstate Pavement subtotal ►								\$ 24,264,576	\$ 21,838,118	\$ 2,426,458	◀ 90% Federal + 10% Non-Federal
► Non-Interstate Pavement											
	Non-Interstate Pavement	609101	Boston Region	Peabody	PEABODY- PAVEMENT PRESERVATION AND RELATED WORK ON ROUTE 128	4	NHPP	\$ 4,712,448	\$ 3,769,958	\$ 942,490	
	Non-Interstate Pavement	608480	Boston Region	Multiple	FOXBOROUGH- WALPOLE- RESURFACING AND RELATED WORK ON US ROUTE 1	5	NHPP	\$ 8,036,933	\$ 6,429,546	\$ 1,607,387	
	Non-Interstate Pavement	608482	Boston Region	Multiple	CAMBRIDGE- SOMERVILLE- RESURFACING AND RELATED WORK ON ROUTE 28	6	NHPP	\$ 8,541,312	\$ 6,833,050	\$ 1,708,262	
	Non-Interstate Pavement	608484	Boston Region	Multiple	CANTON- MILTON- RESURFACING AND RELATED WORK ON ROUTE 138	6	NHPP	\$ 17,941,664	\$ 14,353,331	\$ 3,588,333	
Non-Interstate Pavement subtotal ►								\$ 39,232,357	\$ 31,385,886	\$ 7,846,471	◀ 80% Federal + 20% Non-Federal
► Roadway Improvements											
	Roadway Improvements		Boston Region		Roadway Improvements			\$ -	\$ -	\$ -	
	Roadway Improvements		Boston Region		Roadway Improvements			\$ -	\$ -	\$ -	
	Roadway Improvements		Boston Region		Roadway Improvements			\$ -	\$ -	\$ -	
Roadway Improvements subtotal ►								\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal

2020 Boston 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 ▼
► Safety Improvements											
	Safety Improvements	608608	Boston Region	Braintree	BRAINTREE- HIGHWAY LIGHTING IMPROVEMENTS AT I-93/ROUTE 3 INTERCHANGE	6	NHPP	\$ 2,688,726	\$ 2,419,853	\$ 268,873	
	Safety Improvements	608611	Boston Region	Multiple	CANTON- MILTON- RANDOLPH- REPLACEMENT AND REHABILITATION OF THE HIGHWAY LIGHTING SYSTEM AT THE ROUTE 24/ROUTE 1/1-93 INTERCHANGE	6	NHPP	\$ 9,434,070	\$ 8,490,663	\$ 943,407	
	Safety Improvements		Boston Region				NHPP				
Safety Improvements subtotal ►								\$ 12,122,796	\$ 10,910,516	\$ 1,212,280	◀ Funding Split Varies by Funding Source
► Section 2B / State Prioritized Modernization Projects											
► ADA Retrofits											
	ADA Retrofits		Boston Region		ADA Retrofits			\$ -	\$ -	\$ -	
	ADA Retrofits		Boston Region		ADA Retrofits			\$ -	\$ -	\$ -	
ADA Retrofits subtotal ►								\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal
► Intersection Improvements											
	Intersection Improvements	608562	Boston Region	Somerville	SOMERVILLE- SIGNAL AND INTERSECTION IMPROVEMENT ON I-93 AT MYSTIC AVENUE AND MCGRATH HIGHWAY (TOP 200 CRASH LOCATION)	4	HSIP	\$ 5,000,000	\$ 4,500,000	\$ 500,000	
	Intersection Improvements	607342	Boston Region	Milton	MILTON- INTERSECTION & SIGNAL IMPROVEMENTS @ ROUTE 28 (RANDOLPH AVENUE) & CHICKATAWBUT ROAD	6	HSIP	\$ 1,531,200	\$ 1,378,080	\$ 153,120	
	Intersection Improvements	607759	Boston Region	Boston	BOSTON- INTERSECTION & SIGNAL IMPROVEMENTS AT THE VFW PARKWAY & SPRING STREET	6	HSIP	\$ 974,815	\$ 877,334	\$ 97,482	
	Intersection Improvements		Boston Region				HSIP				
	Intersection Improvements		Boston Region				HSIP				
Intersection Improvements subtotal ►								\$ 7,506,015	\$ 6,755,414	\$ 750,602	◀ Funding Split Varies by Funding Source
► Intelligent Transportation Systems											
	Intelligent Transportation Systems		Boston Region		Intelligent Transportation Systems			\$ -	\$ -	\$ -	
	Intelligent Transportation Systems		Boston Region		Intelligent Transportation Systems			\$ -	\$ -	\$ -	
	Intelligent Transportation Systems		Boston Region		Intelligent Transportation Systems			\$ -	\$ -	\$ -	
Intelligent Transportation System subtotal ►								\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal
► Roadway Reconstruction											
	Roadway Reconstruction	608835	Boston Region	Medford	MEDFORD- IMPROVEMENTS AT BROOKS ELEMENTARY SCHOOL (SRTS)	4	TAP	\$ 1,200,000	\$ 960,000	\$ 240,000	
	Roadway Reconstruction	608743	Boston Region	Salem	SALEM- IMPROVEMENTS AT BATES ELEMENTARY SCHOOL (SRTS)	4	TAP	\$ 937,500	\$ 750,000	\$ 187,500	
	Roadway Reconstruction	608791	Boston Region	Winchester	WINCHESTER- IMPROVEMENTS AT VINSON-OWEN ELEMENTARY SCHOOL (SRTS)	4	TAP	\$ 1,666,200	\$ 1,332,960	\$ 333,240	
Roadway Reconstruction subtotal ►								\$ 3,803,700	\$ 3,042,960	\$ 760,740	◀ Funding Split Varies by Funding Source

2020 Boston 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
-------------------------------	----------------	----------------------	--------------------------------------	---------------------	-------------------------------	--------------------	------------------	--------------------------	-----------------	---------------------	--

► Section 2C / State Prioritized Expansion Projects

► Bicycles and Pedestrians

Bicycles and Pedestrians	607888	Boston Region	Multiple	BOSTON- BROOKLINE- MULTI-USE PATH CONSTRUCTION ON NEW FENWAY	6	CMAQ	\$ 1,770,722	\$ 1,416,578	\$ 354,144	Construction / PSAC score 41
Bicycles and Pedestrians subtotal ►							\$ 1,770,722	\$ 1,416,578	\$ 354,144	◀ 80% Federal + 20% Non-Federal

► Capacity

Capacity		Boston Region		Capacity			\$ -	\$ -	\$ -	
Capacity		Boston Region		Capacity			\$ -	\$ -	\$ -	
Capacity subtotal ►							\$ -	\$ -	\$ -	◀ Funding Split Varies by Funding Source

► Section 3 / Planning / Adjustments / Pass-throughs

► Planning / Adjustments / Pass-throughs

		Boston Region		ABP GANS Repayment	Multiple		\$ -	\$ -	\$ -	
		Boston Region		ABP GANS Repayment	Multiple		\$ -	\$ -	\$ -	
		Boston Region		Award adjustments, change orders, etc.	Multiple		\$ -	\$ -	\$ -	
		Boston Region		Award adjustments, change orders, etc.	Multiple		\$ -	\$ -	\$ -	
		Boston Region		Award adjustments, change orders, etc.	Multiple		\$ -	\$ -	\$ -	
		Boston Region		Award adjustments, change orders, etc.	Multiple		\$ -	\$ -	\$ -	
		Boston Region		Metropolitan Planning	Multiple		\$ -	\$ -	\$ -	
		Boston Region		Metropolitan Planning	Multiple		\$ -	\$ -	\$ -	
		Boston Region		State Planning and Research Work Program I, (SPR I), Planning	Multiple		\$ -	\$ -	\$ -	
		Boston Region		State Planning and Research Work Program II, (SPR II), Research	Multiple		\$ -	\$ -	\$ -	
		Boston Region		Railroad Crossings	Multiple		\$ -	\$ -	\$ -	
		Boston Region		Railroad Crossings	Multiple		\$ -	\$ -	\$ -	
		Boston Region		Recreational Trails	Multiple		\$ -	\$ -	\$ -	
Other Statewide Items subtotal ►							\$ -	\$ -	\$ -	◀ Funding Split Varies by Funding Source

► Section 4 / Non-Federally Aided Projects

► Non-Federally Aided Projects

Non Federal Aid		Boston Region		Non-Federal Aid			\$ -	\$ -	\$ -	
Non-Federally Aided Projects		Boston Region		Non-Federal Aid			\$ -	\$ -	\$ -	
Non-Federal Aid subtotal ►							\$ -	\$ -	\$ -	◀ 100% Non-Federal

2020 Summary

	TIP Section 1 - 3: ▼	TIP Section 4: ▼	Total of All Projects ▼	
Total ►	\$ 191,178,809	\$ -	\$ 191,178,809	◀ Total Spending in Region
Federal Funds ►	\$ 157,741,827	\$ -	\$ 157,741,827	◀ Total Federal Spending in Region
Non-Federal Funds ►	\$ 33,436,983	\$ -	\$ 33,436,983	◀ 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>

2021 Boston 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
-------------------------------	----------------	----------------------	--------------------------------------	---------------------	-------------------------------	--------------------	------------------	--------------------------	-----------------	---------------------	--

► Section 1A / Regionally Prioritized Projects

► Regionally Prioritized Projects

	Planning / Adjustments / Pass-throughs	1570	Boston Region	Multiple	GREEN LINE EXTENSION PROJECT- EXTENSION TO COLLEGE AVENUE WITH THE UNION SQUARE SPUR	6	CMAQ	\$ 29,100,000	\$ 23,280,000	\$ 5,820,000	Construction; STP+CMAQ+Section 5309 (Transit) Total MPO Contribution = \$190,000,000; AC Yr 6 of 6; funding flexed to FTA; match provided by local contributions
	Roadway Reconstruction	606453	Boston Region	Boston	BOSTON- IMPROVEMENTS ON BOYLSTON STREET, FROM INTERSECTION OF BROOKLINE AVENUE & PARK DRIVE TO IPSWICH STREET	6	CMAQ	\$ 1,000,000	\$ 800,000	\$ 200,000	Construction; CMAQ+TAP+STP Total Cost = \$8,542,892; MPO Evaluation Score = 58
	Roadway Reconstruction	606453	Boston Region	Boston	BOSTON- IMPROVEMENTS ON BOYLSTON STREET, FROM INTERSECTION OF BROOKLINE AVENUE & PARK DRIVE TO IPSWICH STREET	6	STP	\$ 812,432	\$ 649,946	\$ 162,486	Construction; CMAQ+TAP+STP Total Cost = \$8,542,892; MPO Evaluation Score = 58
	Roadway Reconstruction	606453	Boston Region	Boston	BOSTON- IMPROVEMENTS ON BOYLSTON STREET, FROM INTERSECTION OF BROOKLINE AVENUE & PARK DRIVE TO IPSWICH STREET	6	TAP	\$ 6,730,460	\$ 5,384,368	\$ 1,346,092	Construction; CMAQ+TAP+STP Total Cost = \$8,542,892; MPO Evaluation Score = 58; TAP Proponent = Boston
	Roadway Reconstruction	606226	Boston Region	Boston	BOSTON- RECONSTRUCTION OF RUTHERFORD AVENUE, FROM CITY SQUARE TO SULLIVAN SQUARE	6	NHPP	\$ 11,207,439	\$ 8,965,951	\$ 2,241,488	Construction; NHPP+STP+TAP Total Cost = \$152,000,000; AC Yr 2 of 5; Total funding in this TIP = \$116,626,515; TAP Proponent = Boston; MPO Evaluation Score = 59
	Roadway Reconstruction	606226	Boston Region	Boston	BOSTON- RECONSTRUCTION OF RUTHERFORD AVENUE, FROM CITY SQUARE TO SULLIVAN SQUARE	6	STP	\$ 1,922,546	\$ 1,538,037	\$ 384,509	Construction; NHPP+STP+TAP Total Cost = \$152,000,000; AC Yr 2 of 5; Total funding in this TIP = \$116,626,515; TAP Proponent = Boston; MPO Evaluation Score = 59
	Roadway Reconstruction	606226	Boston Region	Boston	BOSTON- RECONSTRUCTION OF RUTHERFORD AVENUE, FROM CITY SQUARE TO SULLIVAN SQUARE	6	TAP	\$ 14,050,761	\$ 11,240,609	\$ 2,810,152	Construction; NHPP+STP+TAP Total Cost = \$152,000,000; AC Yr 2 of 5; Total funding in this TIP = \$116,626,515; TAP Proponent = Boston; MPO Evaluation Score = 59; TAP Proponent = Boston
	Bridge Program	604996	Boston Region	Woburn	WOBURN- BRIDGE REPLACEMENT, W-43-017, NEW BOSTON STREET OVER MBTA	4	STP	\$ 16,418,347	\$ 13,134,678	\$ 3,283,669	Construction; Total Cost = \$16,418,347; MPO Evaluation Score = 55
	Roadway Reconstruction	608228	Boston Region	Framingham	FRAMINGHAM- RECONSTRUCTION OF UNION AVENUE, FROM PROCTOR STREET TO MAIN STREET	3	HSIP	\$ 1,000,000	\$ 900,000	\$ 100,000	Construction; STP+HSIP+TAP Total Cost = \$9,124,364; MPO Evaluation Score = 58
	Roadway Reconstruction	608228	Boston Region	Framingham	FRAMINGHAM- RECONSTRUCTION OF UNION AVENUE, FROM PROCTOR STREET TO MAIN STREET	3	STP	\$ 1,006,391	\$ 805,113	\$ 201,278	Construction; STP+HSIP+TAP Total Cost = \$9,124,364; MPO Evaluation Score = 58
	Roadway Reconstruction	608228	Boston Region	Framingham	FRAMINGHAM- RECONSTRUCTION OF UNION AVENUE, FROM PROCTOR STREET TO MAIN STREET	3	TAP	\$ 7,117,973	\$ 5,694,378	\$ 1,423,595	Construction; STP+HSIP+TAP Total Cost = \$9,124,364; MPO Evaluation Score = 58; TAP Proponent = Framingham

2021 Boston 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
Roadway Reconstruction		606501	Boston Region	Holbrook	HOLBROOK- RECONSTRUCTION OF UNION STREET (ROUTE 139), FROM LINFIELD STREET TO CENTRE STREET/WATER STREET	5	STP	\$ 468,830	\$ 375,064	\$ 93,766	Construction; TAP+STP+Earmark Total Cost = \$757,918; MPO Evaluation Score = 45
Roadway Reconstruction		606501	Boston Region	Holbrook	HOLBROOK- RECONSTRUCTION OF UNION STREET (ROUTE 139), FROM LINFIELD STREET TO CENTRE STREET/WATER STREET	5	TAP	\$ 289,088	\$ 231,270	\$ 57,818	Construction; TAP+STP+Earmark Total Cost = \$757,918; MPO Evaluation Score = 45; TAP Proponent = Holbrook
Roadway Reconstruction		601607	Boston Region	Hull	HULL- RECONSTRUCTION OF ATLANTIC AVENUE AND RELATED WORK FROM NANTASKET AVENUE TO COHASSET TOWN LINE	5	STP	\$ 6,651,674	\$ 5,321,339	\$ 1,330,335	Construction; Total Cost = \$6,651,674; MPO Evaluation Score = 44
Intersection Improvements		606130	Boston Region	Norwood	NORWOOD- INTERSECTION IMPROVEMENTS @ ROUTE 1A & UPLAND ROAD/WASHINGTON STREET & PROSPECT STREET/FULTON STREET	5	CMAQ	\$ 1,000,000	\$ 800,000	\$ 200,000	Construction; CMAQ+STP Total Cost = \$3,936,781; MPO Evaluation Score = 53
Intersection Improvements		606130	Boston Region	Norwood	NORWOOD- INTERSECTION IMPROVEMENTS @ ROUTE 1A & UPLAND ROAD/WASHINGTON STREET & PROSPECT STREET/FULTON STREET	5	STP	\$ 2,936,781	\$ 2,349,425	\$ 587,356	Construction; CMAQ+STP Total Cost = \$3,936,781; MPO Evaluation Score = 53
Roadway Reconstruction		608146	Boston Region	Boston	MARBLEHEAD- INTERSECTION IMPROVEMENTS AT PLEASANT STREET & VILLAGE, VINE AND CROSS STREETS	4	STP	\$ 726,570	\$ 581,256	\$ 145,314	Construction; STP Total Cost = \$726,570; MPO Evaluation Score = 40
Planning / Adjustments / Pass-throughs		BN0009	Boston Region	Multiple	COMMUNITY TRANSPORTATION PROGRAM	N/A	CMAQ	\$ 2,000,000	\$ 1,600,000	\$ 400,000	Planning, Design, or Construction; Set Aside for LRTP Clean Air and Mobility Program
Regionally Prioritized Projects subtotal ▶								\$ 104,439,292	\$ 83,651,434	\$ 20,787,858	◀ 80% Federal + 20% Non-Federal

Section 1A / Fiscal Constraint Analysis

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 an FTA flex, coordinate with Rail & Transit Division before programming; **Column L)** Enter Additional Information as described - please do not use any other format.

Total Regional Federal Aid Funds Programmed ▶	\$ 104,439,292	\$ 104,552,877	◀ Total Budget	\$ 113,585	Target Funds Available
STP programmed ▶	\$ 42,151,010	\$ 33,720,808	◀ STP		
HSIP programmed ▶	\$ 1,000,000	\$ 900,000	◀ HSIP		
CMAQ programmed ▶	\$ 33,100,000	\$ 26,480,000	◀ CMAQ		
TAP programmed ▶	\$ 28,188,282	\$ 22,550,626	◀ TAP		

Section 1B / Earmark or Discretionary Grant Funded Projects

Other Federal Aid

Earmark Discretionary	606226	Boston Region	Municipalities	BOSTON- RECONSTRUCTION OF RUTHERFORD AVENUE, FROM CITY SQUARE TO SULLIVAN SQUARE	6	HPP	\$ 126,970	\$ 101,576	\$ 25,394	Demo ID MA183	
Earmark Discretionary	606226	Boston Region	Municipalities	BOSTON- RECONSTRUCTION OF RUTHERFORD AVENUE, FROM CITY SQUARE TO SULLIVAN SQUARE	6	HPP	\$ 8,451,960	\$ 6,761,568	\$ 1,690,392	Demo ID MA210	
Earmark Discretionary	606501	Boston Region	Municipalities	HOLBROOK- RECONSTRUCTION OF UNION STREET (ROUTE 139), FROM LINFIELD STREET TO CENTRE STREET/WATER STREET	5	HPP	\$ 1,527,250	\$ 1,221,800	\$ 305,450	Demo ID MA177	
		Boston Region		Other Federal Aid		HPP	\$ -	\$ -	\$ -		
		Boston Region		Other Federal Aid		HPP	\$ -	\$ -	\$ -		
Other Federal Aid subtotal ▶								\$ 10,106,180	\$ 8,084,944	\$ 2,021,236	◀ Funding Split Varies by Funding

2021 Boston 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
► Section 2A / State Prioritized Reliability Projects											
► Bridge Program / Inspections											
	Bridge Program		Boston Region		Bridge Inspection			\$ -	\$ -	\$ -	
Bridge Program / Inspections subtotal ►								\$ -	\$ -	\$ -	◀ Funding Split Varies by Funding Source
► Bridge Program / Off-System											
	Bridge Program		Boston Region			STP-BR-OFF				\$ -	
Bridge Program / Off-System subtotal ►								\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal
► Bridge Program / On-System (NHS)											
	Bridge Program		Boston Region			NHPP-On					
	Bridge Program		Boston Region			NHPP-On					
Bridge Program / On-System (NHS) subtotal ►								\$ -	\$ -	\$ -	◀ Funding Split Varies by Funding Source
► Bridge Program / On-System (Non-NHS)											
	Bridge Program		Boston Region			NHPP-Off			\$ -	\$ -	
	Bridge Program		Boston Region			NHPP-Off			\$ -	\$ -	
Bridge Program / On-System (Non-NHS) subtotal ►								\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal
► Bridge Program / Systematic Maintenance											
	Bridge Program		Boston Region			NHPP-On				\$ -	
Bridge Program / Systematic Maintenance subtotal ►								\$ -	\$ -	\$ -	◀ Funding Split Varies by Funding Source
► Interstate Pavement											
	Interstate Pavement	608378	Boston Region	Multiple	DANVERS- TOPSFIELD- BOXFORD- ROWLEY- INTERSTATE MAINTENANCE AND RELATED WORK ON I-95	4	NHPP	\$ 582,400	\$ 524,160	\$ 58,240	
Interstate Pavement subtotal ►								\$ 582,400	\$ 524,160	\$ 58,240	◀ 90% Federal + 10% Non-Federal
► Non-Interstate Pavement											
	Non-Interstate Pavement	607477	Boston Region	Multiple	LYNNFIELD- PEABODY- RESURFACING AND RELATED WORK ON ROUTE 1	4	NHPP	\$ 7,424,560	\$ 5,939,648	\$ 1,484,912	
Non-Interstate Pavement subtotal ►								\$ 7,424,560	\$ 5,939,648	\$ 1,484,912	◀ 80% Federal + 20% Non-Federal
► Roadway Improvements											
	Roadway Improvements		Boston Region		Roadway Improvements			\$ -	\$ -	\$ -	
	Roadway Improvements		Boston Region		Roadway Improvements			\$ -	\$ -	\$ -	
	Roadway Improvements		Boston Region		Roadway Improvements			\$ -	\$ -	\$ -	
Roadway Improvements subtotal ►								\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal
► Safety Improvements											
	Safety Improvements	609090	Boston Region	Multiple	BOSTON-MILTON-QUINCY- HIGHWAY LIGHTING SYSTEM REPLACEMENT ON I-93, FROM NEPONSET AVENUE TO THE BRAintree	6	NHPP	\$ 3,000,000	\$ 2,700,000	\$ 300,000	
	Safety Improvements		Boston Region	Multiple					\$ -	\$ -	
Safety Improvements subtotal ►								\$ 3,000,000	\$ 2,700,000	\$ 300,000	◀ Funding Split Varies by Funding Source

2021 Boston 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
-------------------------------	----------------	----------------------	--------------------------------------	---------------------	-------------------------------	--------------------	------------------	--------------------------	-----------------	---------------------	--

► Section 2B / State Prioritized Modernization Projects

► ADA Retrofits

	ADA Retrofits		Boston Region		ADA Retrofits			\$ -	\$ -	\$ -	
	ADA Retrofits		Boston Region		ADA Retrofits			\$ -	\$ -	\$ -	
ADA Retrofits subtotal ►								\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal

► Intersection Improvements

	Intersection Improvements	607761	Boston Region	Swampscott	SWAMPSCOTT- INTERSECTION & SIGNAL IMPROVEMENTS AT SR 1A (PARADISE ROAD) AT SWAMPSCOTT MALL	4	HSIP	\$ 2,000,000	\$ 1,800,000	\$ 200,000	
	Intersection Improvements		Boston Region				HSIP				
	Intersection Improvements		Boston Region				HSIP				
	Intersection Improvements		Boston Region		Intersection Improvements			\$ -	\$ -	\$ -	
	Intersection Improvements		Boston Region		Intersection Improvements			\$ -	\$ -	\$ -	
	Intersection Improvements		Boston Region		Intersection Improvements			\$ -	\$ -	\$ -	
Intersection Improvements subtotal ►								\$ 2,000,000	\$ 1,800,000	\$ 200,000	◀ Funding Split Varies by Funding

► Intelligent Transportation Systems

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

► Roadway Reconstruction

	Roadway Reconstruction	607901	Boston Region	Dedham	DEDHAM- PEDESTRIAN IMPROVEMENTS ALONG ELM STREET & RUSTCRAFT ROAD CORRIDORS	6	CMAQ	\$ 3,230,597	\$ 2,584,478	\$ 646,119	
Roadway Reconstruction subtotal ►								\$ 3,230,597	\$ 2,584,478	\$ 646,119	◀ Funding Split Varies by Funding

► Section 2C / State Prioritized Expansion Projects

► Bicycles and Pedestrians

	Bicycles and Pedestrians	607329	Boston Region	Multiple	WAKEFIELD- LYNNFIELD- RAIL TRAIL EXTENSION, FROM THE GALVIN MIDDLE SCHOOL TO LYNNFIELD/PEABODY T.L.	4	CMAQ	\$ 10,316,559	\$ 8,253,247	\$ 2,063,312	Construction / PSAC score 32.5
Bicycles and Pedestrians subtotal ►								\$ 10,316,559	\$ 8,253,247	\$ 2,063,312	◀ 80% Federal + 20% Non-Federal

► Capacity

	Capacity		Boston Region		Capacity			\$ -	\$ -	\$ -	
	Capacity		Boston Region		Capacity			\$ -	\$ -	\$ -	
Capacity subtotal ►								\$ -	\$ -	\$ -	◀ Funding Split Varies by Funding

2021 Boston 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
-------------------------------	----------------	----------------------	--------------------------------------	---------------------	-------------------------------	--------------------	------------------	--------------------------	-----------------	---------------------	--

► Section 3 / Planning / Adjustments / Pass-throughs

► Planning / Adjustments / Pass-throughs

			Boston Region		ABP GANS Repayment	Multiple		\$ -	\$ -	\$ -	
			Boston Region		ABP GANS Repayment	Multiple		\$ -	\$ -	\$ -	
			Boston Region		Award adjustments, change orders, etc.	Multiple		\$ -	\$ -	\$ -	
			Boston Region		Award adjustments, change orders, etc.	Multiple		\$ -	\$ -	\$ -	
			Boston Region		Award adjustments, change orders, etc.	Multiple		\$ -	\$ -	\$ -	
			Boston Region		Award adjustments, change orders, etc.	Multiple		\$ -	\$ -	\$ -	
			Boston Region		Metropolitan Planning	Multiple		\$ -	\$ -	\$ -	
			Boston Region		Metropolitan Planning	Multiple		\$ -	\$ -	\$ -	
			Boston Region		State Planning and Research Work Program I, (SPR I), Planning	Multiple		\$ -	\$ -	\$ -	
			Boston Region		State Planning and Research Work Program II, (SPR II), Research	Multiple		\$ -	\$ -	\$ -	
			Boston Region		Railroad Crossings	Multiple		\$ -	\$ -	\$ -	
			Boston Region		Railroad Crossings	Multiple		\$ -	\$ -	\$ -	
			Boston Region		Recreational Trails	Multiple		\$ -	\$ -	\$ -	
Other Statewide Items subtotal ►								\$ -	\$ -	\$ -	◀ Funding Split Varies by Funding

► Section 4 / Non-Federally Aided Projects

► Non-Federally Aided Projects

	Non Federal Aid		Boston Region		Non-Federal Aid			\$ -		\$ -	
	Non-Federally Aided Projects		Boston Region		Non-Federal Aid			\$ -		\$ -	
Non-Federal Aid subtotal ►								\$ -		\$ -	◀ 100% Non-Federal

2021 Summary

	TIP Section 1 - 3: ▼	TIP Section 4: ▼	Total of All Projects ▼	
Total ►	\$ 141,099,588	\$ -	\$ 141,099,588	◀ Total Spending in Region
Federal Funds ►	\$ 113,537,910		\$ 113,537,910	◀ Total Federal Spending in Region
Non-Federal Funds ►	\$ 27,561,678	\$ -	\$ 27,561,678	◀ 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>

2022 Boston 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
► Section 1A / Regionally Prioritized Projects											
► Regionally Prioritized Projects											
	Roadway Reconstruction	606226	Boston Region	Boston	BOSTON- RECONSTRUCTION OF RUTHERFORD AVENUE, FROM CITY SQUARE TO SULLIVAN SQUARE	6	NHPP	\$ 14,664,180	\$ 11,731,344	\$ 2,932,836	Construction; NHPP+STP+TAP Total Cost = \$152,000,000; AC Yr 3 of 5; Total funding in this TIP = \$116,626,515; MPO Evaluation Score = 59
	Roadway Reconstruction	606226	Boston Region	Boston	BOSTON- RECONSTRUCTION OF RUTHERFORD AVENUE, FROM CITY SQUARE TO SULLIVAN SQUARE	6	STP	\$ 26,498,598	\$ 21,198,878	\$ 5,299,720	Construction; NHPP+STP+TAP Total Cost = \$152,000,000; AC Yr 3 of 5; Total funding in this TIP = \$116,626,515; MPO Evaluation Score = 59
	Roadway Reconstruction	606226	Boston Region	Boston	BOSTON- RECONSTRUCTION OF RUTHERFORD AVENUE, FROM CITY SQUARE TO SULLIVAN SQUARE	6	TAP	\$ 1,282,990	\$ 1,026,392	\$ 256,598	Construction; NHPP+STP+TAP Total Cost = \$152,000,000; AC Yr 3 of 5; Total funding in this TIP = \$116,626,515; MPO Evaluation Score = 59; TAP Proponent = Boston
	Intersection Improvements	605857	Boston Region	Norwood	NORWOOD- INTERSECTION IMPROVEMENTS @ ROUTE 1 & UNIVERSITY AVENUE/EVERETT STREET	5	CMAQ	\$ 3,000,000	\$ 2,400,000	\$ 600,000	Construction; HSIP+CMAQ+STP+NHPP Total Cost = \$9,166,410; MPO Evaluation Score = 55
	Intersection Improvements	605857	Boston Region	Norwood	NORWOOD- INTERSECTION IMPROVEMENTS @ ROUTE 1 & UNIVERSITY AVENUE/EVERETT STREET	5	HSIP	\$ 631,724	\$ 568,552	\$ 63,172	Construction; HSIP+CMAQ+STP+NHPP Total Cost = \$9,166,410; MPO Evaluation Score = 55
	Intersection Improvements	605857	Boston Region	Norwood	NORWOOD- INTERSECTION IMPROVEMENTS @ ROUTE 1 & UNIVERSITY AVENUE/EVERETT STREET	5	NHPP	\$ 2,873,029	\$ 2,298,423	\$ 574,606	Construction; HSIP+CMAQ+STP+NHPP Total Cost = \$9,166,410; MPO Evaluation Score = 55
	Intersection Improvements	605857	Boston Region	Norwood	NORWOOD- INTERSECTION IMPROVEMENTS @ ROUTE 1 & UNIVERSITY AVENUE/EVERETT STREET	5	STP	\$ 2,661,657	\$ 2,129,326	\$ 532,331	Construction; HSIP+CMAQ+STP+NHPP Total Cost = \$9,166,410; MPO Evaluation Score = 55
	Bicycles and Pedestrians	607738	Boston Region	Bedford	BEDFORD- MINUTEMAN BIKEWAY EXTENSION, FROM LOOMIS STREET TO THE CONCORD T.L.	4	CMAQ	\$ 6,489,964	\$ 5,191,971	\$ 1,297,993	Construction; CMAQ+TAP Total Cost = \$6,839,964; MPO Evaluation Score = 47
	Bicycles and Pedestrians	607738	Boston Region	Bedford	BEDFORD- MINUTEMAN BIKEWAY EXTENSION, FROM LOOMIS STREET TO THE CONCORD T.L.	4	TAP	\$ 350,000	\$ 280,000	\$ 70,000	Construction; CMAQ+TAP Total Cost = \$6,839,964; MPO Evaluation Score = 47; TAP Proponent = Bedford
	Bicycles and Pedestrians	608164	Boston Region	Sudbury	SUDBURY- BIKE PATH CONSTRUCTION (BRUCE FREEMAN RAIL TRAIL)	3	CMAQ	\$ 9,184,778	\$ 7,347,822	\$ 1,836,956	Construction; CMAQ+TAP Total Cost = \$9,684,778; MPO Evaluation Score = 40
	Bicycles and Pedestrians	608164	Boston Region	Sudbury	SUDBURY- BIKE PATH CONSTRUCTION (BRUCE FREEMAN RAIL TRAIL)	3	TAP	\$ 500,000	\$ 400,000	\$ 100,000	Construction; CMAQ+TAP Total Cost = \$9,684,778; MPO Evaluation Score = 40; TAP Proponent = Sudbury
	Roadway Reconstruction	607777	Boston Region	Watertown	WATERTOWN- REHABILITATION OF MOUNT AUBURN STREET (ROUTE 16)	6	CMAQ	\$ 1,000,000	\$ 800,000	\$ 200,000	Construction; HSIP+CMAQ+STP Total Cost = \$13,701,100; MPO Evaluation Score = 75
	Roadway Reconstruction	607777	Boston Region	Watertown	WATERTOWN- REHABILITATION OF MOUNT AUBURN STREET (ROUTE 16)	6	HSIP	\$ 2,000,000	\$ 1,800,000	\$ 200,000	Construction; HSIP+CMAQ+STP Total Cost = \$13,701,100; MPO Evaluation Score = 75
	Roadway Reconstruction	607777	Boston Region	Watertown	WATERTOWN- REHABILITATION OF MOUNT AUBURN STREET (ROUTE 16)	6	STP	\$ 10,701,100	\$ 8,560,880	\$ 2,140,220	Construction; HSIP+CMAQ+STP Total Cost = \$13,701,100; MPO Evaluation Score = 75

2022 Boston 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
	Roadway Reconstruction	608078	Boston Region	Chelsea	CHELSEA- RECONSTRUCTION ON BROADWAY (ROUTE 107), FROM CITY HALL AVENUE TO THE REVERE C.L.	6	CMAQ	\$ 1,000,000	\$ 800,000	\$ 200,000	Construction; CMAQ+STP Total Cost = \$10,027,904; MPO Evaluation Score = 61
	Roadway Reconstruction	608078	Boston Region	Chelsea	CHELSEA- RECONSTRUCTION ON BROADWAY (ROUTE 107), FROM CITY HALL AVENUE TO THE REVERE C.L.	6	STP	\$ 9,027,904	\$ 7,222,323	\$ 1,805,581	Construction; CMAQ+STP Total Cost = \$10,027,904; MPO Evaluation Score = 61
	Roadway Reconstruction	608229	Boston Region	Acton	ACTON- INTERSECTION & SIGNAL IMPROVEMENTS AT KELLEY'S CORNER, ROUTE 111 (MASSACHUSETTS AVENUE) AND ROUTE 27 (MAIN STREET)	3	CMAQ	\$ 3,000,000	\$ 2,400,000	\$ 600,000	Construction; CMAQ+TAP+STP Total Cost = \$14,718,378; MPO Evaluation Score = 45
	Roadway Reconstruction	608229	Boston Region	Acton	ACTON- INTERSECTION & SIGNAL IMPROVEMENTS AT KELLEY'S CORNER, ROUTE 111 (MASSACHUSETTS AVENUE) AND ROUTE 27 (MAIN STREET)	3	STP	\$ 11,518,378	\$ 9,214,702	\$ 2,303,676	Construction; CMAQ+TAP+STP Total Cost = \$14,718,378; MPO Evaluation Score = 45
	Roadway Reconstruction	608229	Boston Region	Acton	ACTON- INTERSECTION & SIGNAL IMPROVEMENTS AT KELLEY'S CORNER, ROUTE 111 (MASSACHUSETTS AVENUE) AND ROUTE 27 (MAIN STREET)	3	TAP	\$ 200,000	\$ 160,000	\$ 40,000	Construction; CMAQ+TAP+STP Total Cost = \$14,718,378; MPO Evaluation Score = 45; TAP project proponent = Acton
			Boston Region					\$ -	\$ -	\$ -	
Regionally Prioritized Projects subtotal ▶								\$ 106,584,302	\$ 85,530,614	\$ 21,053,688	◀ 80% Federal + 20% Non-Federal

Section 1A / Fiscal Constraint Analysis

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 autocalculate. Please verify the amount and only change if needed for flex; **Column K)** Non-federal funds autocalculate. Please verify the split/match - if matching an FTA flex, coordinate with Rail & Transit Division before programming; **Column L)** Enter Additional Information as described - please do not use any other format.

Total Regional Federal Aid Funds Programmed ▶	\$ 106,584,302	\$ 106,681,829	◀ Total Budget	\$ 97,527	Target Funds Available
STP programmed ▶	\$ 77,944,846	\$ 62,355,877	◀ STP		
HSIP programmed ▶	\$ 2,631,724	\$ 2,368,552	◀ HSIP		
CMAQ programmed ▶	\$ 23,674,742	\$ 18,939,794	◀ CMAQ		
TAP programmed ▶	\$ 2,332,990	\$ 1,866,392	◀ TAP		

Section 1B / Earmark or Discretionary Grant Funded Projects

Other Federal Aid

		Boston Region	Other Federal Aid	HPP	\$ -	\$ -	\$ -				
		Boston Region	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	Boston Region	Bridge Inspection		\$ -	\$ -	\$ -				
	Bridge Program	Boston Region	Bridge Inspection		\$ -	\$ -	\$ -				
Bridge Program / Inspections subtotal ▶								\$ -	\$ -	\$ -	◀ Funding Split Varies by Funding Source

Bridge Program / Off-System

	Bridge Program	Boston Region	Bridge Program / Off-System		\$ -	\$ -	\$ -				
	Bridge Program	Boston Region	Bridge Program / Off-System		\$ -	\$ -	\$ -				
	Bridge Program	Boston Region	Bridge Program / Off-System		\$ -	\$ -	\$ -				
	Bridge Program	Boston Region	Bridge Program / Off-System		\$ -	\$ -	\$ -				
	Bridge Program	Boston Region	Bridge Program / Off-System		\$ -	\$ -	\$ -				
	Bridge Program	Boston Region	Bridge Program / Off-System		\$ -	\$ -	\$ -				
	Bridge Program	Boston Region	Bridge Program / Off-System		\$ -	\$ -	\$ -				
	Bridge Program	Boston Region	Bridge Program / Off-System		\$ -	\$ -	\$ -				
Bridge Program / Off-System subtotal ▶								\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal

2022 Boston 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
► Bridge Program / On-System (NHS)											
	Bridge Program		Boston Region				NHPP-On				
	Bridge Program		Boston Region				NHPP-On				
	Bridge Program		Boston Region				NHPP-On				
	Bridge Program		Boston Region		Bridge Program / On-System (NHS)			\$ -	\$ -	\$ -	
	Bridge Program		Boston Region		Bridge Program / On-System (NHS)			\$ -	\$ -	\$ -	
	Bridge Program / On-System (NHS) subtotal ►							\$ -	\$ -	\$ -	◄ Funding Split Varies by Funding Source
► Bridge Program / On-System (Non-NHS)											
	Bridge Program		Boston Region				NHPP-Off		\$ -	\$ -	
	Bridge Program		Boston Region				NHPP-Off		\$ -	\$ -	
	Bridge Program / On-System (Non-NHS) subtotal ►							\$ -	\$ -	\$ -	◄ 80% Federal + 20% Non-Federal
► Bridge Program / Systematic Maintenance											
	Bridge Program		Boston Region				NHPP-On		\$ -	\$ -	
	Bridge Program / Systematic Maintenance subtotal ►							\$ -	\$ -	\$ -	◄ Funding Split Varies by Funding Source
► Interstate Pavement											
	Interstate Pavement		Boston Region		Interstate Pavement			\$ -	\$ -	\$ -	
	Interstate Pavement subtotal ►							\$ -	\$ -	\$ -	◄ 90% Federal + 10% Non-Federal
► Non-Interstate Pavement											
	Non-Interstate Pavement	608817	Boston Region	Multiple	SALEM- LYNN- RESURFACING AND RELATED WORK ON RTE 107	4	NHPP	\$ 2,527,560	\$ 2,022,048	\$ 505,512	
	Non-Interstate Pavement	608818	Boston Region	DANVERS	DANVERS- RESURFACING AND RELATED WORK ON ROUTE 114	4	NHPP	\$ 1,850,240	\$ 1,480,192	\$ 370,048	
	Non-Interstate Pavement subtotal ►							\$ 4,377,800	\$ 3,502,240	\$ 875,560	◄ 80% Federal + 20% Non-Federal
► Roadway Improvements											
	Roadway Improvements	608599	Boston Region	Multiple	CANTON- SHARON- FOXBOROUGH- NORWOOD- WALPOLE- STORMWATER IMPROVEMENTS ALONG ROUTE 1, ROUTE 1A & INTERSTATE 95	5	STP-TE	\$ 526,235	\$ 420,988	\$ 105,247	
	Roadway Improvements		Boston Region		Roadway Improvements			\$ -	\$ -	\$ -	
	Roadway Improvements		Boston Region		Roadway Improvements			\$ -	\$ -	\$ -	
	Roadway Improvements subtotal ►							\$ 526,235	\$ 420,988	\$ 105,247	◄ 80% Federal + 20% Non-Federal
► Safety Improvements											
	Safety Improvements		Boston Region		Safety Improvements			\$ -	\$ -	\$ -	
	Safety Improvements		Boston Region		Safety Improvements			\$ -	\$ -	\$ -	
	Safety Improvements		Boston Region		Safety Improvements			\$ -	\$ -	\$ -	
	Safety Improvements		Boston Region		Safety Improvements			\$ -	\$ -	\$ -	
	Safety Improvements		Boston Region		Safety Improvements			\$ -	\$ -	\$ -	
	Safety Improvements		Boston Region		Safety Improvements			\$ -	\$ -	\$ -	
	Safety Improvements subtotal ►							\$ -	\$ -	\$ -	◄ Funding Split Varies by Funding Source

2022 Boston 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
▶ Section 2B / State Prioritized Modernization Projects											
▶ ADA Retrofits											
	ADA Retrofits		Boston Region		ADA Retrofits			\$ -	\$ -	\$ -	
	ADA Retrofits		Boston Region		ADA Retrofits			\$ -	\$ -	\$ -	
ADA Retrofits subtotal ▶								\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal
▶ Intersection Improvements											
	Intersection Improvements	608567	Boston Region	Peabody	PEABODY- IMPROVEMENTS AT ROUTE 114 AT SYLVAN STREET, CROSS STREET, NORTSHORE MALL, LORIS ROAD, ROUTE 128 INTERCHANGE AND ESQUIRE DRIVE	4	HSIP	\$ 3,200,000	\$ 2,880,000	\$ 320,000	
	Intersection Improvements	608569	Boston Region	Quincy	QUINCY- INTERSECTION IMPROVEMENTS AT ROUTE 3A (SOUTHERN ARTERY) AND BROAD STREET	6	HSIP	\$ 4,000,000	\$ 3,600,000	\$ 400,000	
	Intersection Improvements		Boston Region			6	HSIP		\$ -	\$ -	
Intersection Improvements subtotal ▶								\$ -	\$ -	\$ -	◀ Funding Split Varies by Funding Source
▶ Intelligent Transportation Systems											
	Intelligent Transportation Systems		Boston Region		Intelligent Transportation Systems			\$ -	\$ -	\$ -	
	Intelligent Transportation Systems		Boston Region		Intelligent Transportation Systems			\$ -	\$ -	\$ -	
	Intelligent Transportation Systems		Boston Region		Intelligent Transportation Systems			\$ -	\$ -	\$ -	
Intelligent Transportation System subtotal ▶								\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal
▶ Roadway Reconstruction											
	Roadway Reconstruction	607977	Boston Region	Multiple	HOPKINTON- WESTBOROUGH- RECONSTRUCTION OF I-90/I-495 INTERCHANGE	3	NFP	\$ 27,500,000	\$ 22,000,000	\$ 5,500,000	
	Roadway Reconstruction	607977	Boston Region	Multiple	HOPKINTON- WESTBOROUGH- RECONSTRUCTION OF I-90/I-495 INTERCHANGE	3	NHPP	\$ 12,233,939	\$ 9,787,151	\$ 2,446,788	
Roadway Reconstruction subtotal ▶								\$ 39,733,939	\$ 31,787,151	\$ 7,946,788	◀ Funding Split Varies by Funding Source
▶ Section 2C / State Prioritized Expansion Projects											
▶ Bicycles and Pedestrians											
	Bicycles and Pedestrians		Boston Region		Bicycles and Pedestrians			\$ -	\$ -	\$ -	
	Bicycles and Pedestrians		Boston Region		Bicycles and Pedestrians			\$ -	\$ -	\$ -	
	Bicycles and Pedestrians		Boston Region		Bicycles and Pedestrians			\$ -	\$ -	\$ -	
Bicycles and Pedestrians subtotal ▶								\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal
▶ Capacity											
	Capacity		Boston Region		Capacity			\$ -	\$ -	\$ -	
	Capacity		Boston Region		Capacity			\$ -	\$ -	\$ -	
Capacity subtotal ▶								\$ -	\$ -	\$ -	◀ Funding Split Varies by Funding Source

2022 Boston 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
-------------------------------	----------------	----------------------	--------------------------------------	---------------------	-------------------------------	--------------------	------------------	--------------------------	-----------------	---------------------	--

► Section 3 / Planning / Adjustments / Pass-throughs

► Planning / Adjustments / Pass-throughs											
			Boston Region		ABP GANS Repayment	Multiple		\$ -	\$ -	\$ -	
			Boston Region		ABP GANS Repayment	Multiple		\$ -	\$ -	\$ -	
			Boston Region		Award adjustments, change orders, etc.	Multiple		\$ -	\$ -	\$ -	
			Boston Region		Award adjustments, change orders, etc.	Multiple		\$ -	\$ -	\$ -	
			Boston Region		Award adjustments, change orders, etc.	Multiple		\$ -	\$ -	\$ -	
			Boston Region		Award adjustments, change orders, etc.	Multiple		\$ -	\$ -	\$ -	
			Boston Region		Metropolitan Planning	Multiple		\$ -	\$ -	\$ -	
			Boston Region		Metropolitan Planning	Multiple		\$ -	\$ -	\$ -	
			Boston Region		State Planning and Research Work Program I, (SPR I), Planning	Multiple		\$ -	\$ -	\$ -	
			Boston Region		State Planning and Research Work Program II, (SPR II), Research	Multiple		\$ -	\$ -	\$ -	
			Boston Region		Railroad Crossings	Multiple		\$ -	\$ -	\$ -	
			Boston Region		Railroad Crossings	Multiple		\$ -	\$ -	\$ -	
			Boston Region		Recreational Trails	Multiple		\$ -	\$ -	\$ -	
Other Statewide Items subtotal ►								\$ -	\$ -	\$ -	◀ Funding Split Varies by Funding Source

► Section 4 / Non-Federally Aided Projects

► Non-Federally Aided Projects											
	Non Federal Aid	607977	Boston Region	Multiple	HOPKINTON- WESTBOROUGH- RECONSTRUCTION OF I-90/I-495 INTERCHANGE	3	NFA	\$ 18,112,483		\$ 18,112,483	
	Non-Federally Aided Projects		Boston Region		Non-Federal Aid			\$ -		\$ -	
Non-Federal Aid subtotal ►								\$ 18,112,483		\$ 18,112,483	◀ 100% Non-Federal

2022 Summary

	TIP Section 1 - 3: ▼	TIP Section 4: ▼	Total of All Projects ▼	
Total ►	\$ 151,222,276	\$ 18,112,483	\$ 169,334,759	◀ Total Spending in Region
Federal Funds ►	\$ 121,240,993		\$ 121,240,993	◀ Total Federal Spending in Region
Non-Federal Funds ►	\$ 29,981,283	\$ 18,112,483	\$ 48,093,766	◀ 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>

2023 Boston 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
Section 1A / Regionally Prioritized Projects											
Regionally Prioritized Projects											
	Roadway Reconstruction	606226	Boston Region	Boston	BOSTON- RECONSTRUCTION OF RUTHERFORD AVENUE, FROM CITY SQUARE TO SULLIVAN SQUARE	6	NHPP	\$ 13,000,000	\$ 10,400,000	\$ 2,600,000	Construction: NHPP+STP+TAP Total Cost = \$152,000,000; AC Yr 4 of 5; Total funding in this TIP = \$116,626,515; MPO Evaluation Score = 59
	Roadway Reconstruction	606226	Boston Region	Boston	BOSTON- RECONSTRUCTION OF RUTHERFORD AVENUE, FROM CITY SQUARE TO SULLIVAN SQUARE	6	STP	\$ 26,000,000	\$ 20,800,000	\$ 5,200,000	Construction: NHPP+STP+TAP Total Cost = \$152,000,000; AC Yr 4 of 5; Total funding in this TIP = \$116,626,515; MPO Evaluation Score = 59
	Roadway Reconstruction	606226	Boston Region	Boston	BOSTON- RECONSTRUCTION OF RUTHERFORD AVENUE, FROM CITY SQUARE TO SULLIVAN SQUARE	6	TAP	\$ 1,000,000	\$ 800,000	\$ 200,000	Construction: NHPP+STP+TAP Total Cost = \$152,000,000; AC Yr 4 of 5; Total funding in this TIP = \$116,626,515; MPO Evaluation Score = 59; TAP Proponent = Boston
	Roadway Reconstruction	608348	Boston Region	Beverly	BEVERLY - RECONSTRUCTION OF BRIDGE STREET	4	CMAQ	\$ 3,000,000	\$ 2,400,000	\$ 600,000	Construction: CMAQ+STP Total Cost = \$6,124,800; MPO Evaluation Score = 66
	Roadway Reconstruction	608348	Boston Region	Beverly	BEVERLY - RECONSTRUCTION OF BRIDGE STREET	4	STP	\$ 3,124,800	\$ 2,499,840	\$ 624,960	Construction: CMAQ+STP Total Cost = \$6,124,800; MPO Evaluation Score = 66
	Roadway Reconstruction	608933	Boston Region	Peabody	PEABODY - REHABILITATION OF CENTRAL STREET	4	CMAQ	\$ 3,000,000	\$ 2,400,000	\$ 600,000	Construction: CMAQ+HSIP+STP Total Cost = \$11,205,600; MPO Evaluation Score = 61
	Roadway Reconstruction	608933	Boston Region	Peabody	PEABODY - REHABILITATION OF CENTRAL STREET	4	HSIP	\$ 1,500,000	\$ 1,350,000	\$ 150,000	Construction: CMAQ+HSIP+STP Total Cost = \$11,205,600; MPO Evaluation Score = 61
	Roadway Reconstruction	608933	Boston Region	Peabody	PEABODY - REHABILITATION OF CENTRAL STREET	4	STP	\$ 6,705,600	\$ 5,364,480	\$ 1,341,120	Construction: CMAQ+HSIP+STP Total Cost = \$11,205,600; MPO Evaluation Score = 61
	Roadway Reconstruction	607244	Boston Region	Winthrop	WINTHROP - RECONSTRUCTION & RELATED WORK ALONG WINTHROP STREET & REVERE STREET CORRIDOR	6	CMAQ	\$ 2,000,000	\$ 1,600,000	\$ 400,000	Construction: CMAQ+STP+TAP Total Cost = \$4,060,000; MPO Evaluation Score = 47
	Roadway Reconstruction	607244	Boston Region	Winthrop	WINTHROP - RECONSTRUCTION & RELATED WORK ALONG WINTHROP STREET & REVERE STREET CORRIDOR	6	STP	\$ 1,500,000	\$ 1,200,000	\$ 300,000	Construction: CMAQ+STP+TAP Total Cost = \$4,060,000; MPO Evaluation Score = 47
	Roadway Reconstruction	607244	Boston Region	Winthrop	WINTHROP - RECONSTRUCTION & RELATED WORK ALONG WINTHROP STREET & REVERE STREET CORRIDOR	6	TAP	\$ 560,000	\$ 448,000	\$ 112,000	Construction: CMAQ+STP+TAP Total Cost = \$4,060,000; MPO Evaluation Score = 54; TAP Proponent = Winthrop
	Roadway Reconstruction	605743	Boston Region	Ipswich	IPSWICH - RESURFACING &RELATED WORK ON CENTRAL & SOUTH MAIN STREETS	4	STP	\$ 2,500,000	\$ 2,000,000	\$ 500,000	Construction: STP+TAP Total Cost = \$3,019,550; MPO Evaluation Score = 47
	Roadway Reconstruction	605743	Boston Region	Ipswich	IPSWICH - RESURFACING &RELATED WORK ON CENTRAL & SOUTH MAIN STREETS	4	TAP	\$ 519,550	\$ 415,640	\$ 103,910	Construction: STP+TAP Total Cost = \$3,019,550; MPO Evaluation Score = 47; TAP Proponent = Ipswich
	Roadway Reconstruction	608887	Boston Region	Bellingham	BELLINGHAM - REHABILITATION AND RELATED WORK ON ROUTE 126, FROM DOUGLAS DRIVE TO ROUTE 140	3	CMAQ	\$ 2,000,000	\$ 1,600,000	\$ 400,000	Construction: CMAQ+STP+TAP Total Cost = \$6,960,000; MPO Evaluation Score = 45
	Roadway Reconstruction	608887	Boston Region	Bellingham	BELLINGHAM - REHABILITATION AND RELATED WORK ON ROUTE 126, FROM DOUGLAS DRIVE TO ROUTE 140	3	STP	\$ 4,000,000	\$ 3,200,000	\$ 800,000	Construction: CMAQ+STP+TAP Total Cost = \$6,960,000; MPO Evaluation Score = 45
	Roadway Reconstruction	608887	Boston Region	Bellingham	BELLINGHAM - REHABILITATION AND RELATED WORK ON ROUTE 126, FROM DOUGLAS DRIVE TO ROUTE 140	3	TAP	\$ 960,000	\$ 768,000	\$ 192,000	Construction: CMAQ+STP+TAP Total Cost = \$6,960,000; MPO Evaluation Score = 45; TAP Proponent = Bellingham
	Roadway Reconstruction	608707	Boston Region	Quincy	QUINCY - RECONSTRUCTION OF SEA STREET	6	STP	\$ 6,300,000	\$ 5,040,000	\$ 1,260,000	Construction: STP+TAP Total Cost = \$6,526,254; MPO Evaluation Score = 40
	Roadway Reconstruction	608707	Boston Region	Quincy	QUINCY - RECONSTRUCTION OF SEA STREET	6	TAP	\$ 226,254	\$ 181,003	\$ 45,251	Construction: STP+TAP Total Cost = \$6,526,254; MPO Evaluation Score = 40; TAP Project Proponent = Quincy

2023 Boston 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 ▼ <small>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</small>
	Roadway Reconstruction	608007	Boston Region	Multiple	COHASSET/SCITUATE - CORRIDOR IMPROVEMENTS AND RELATED WORK ON JUSTICE CUSHING HIGHWAY (ROUTE 3A), FROM BEECHWOOD STREET TO HENRY TURNER BAILEY ROAD	5	HSIP	\$ 1,500,000	\$ 1,350,000	\$ 150,000	Construction; HSIP+STP+TAP Total Cost = \$4,640,232; MPO Evaluation Score = 37
	Roadway Reconstruction	608007	Boston Region	Multiple	COHASSET/SCITUATE - CORRIDOR IMPROVEMENTS AND RELATED WORK ON JUSTICE CUSHING HIGHWAY (ROUTE 3A), FROM BEECHWOOD STREET TO HENRY TURNER BAILEY ROAD	5	STP	\$ 3,000,000	\$ 2,400,000	\$ 600,000	Construction; HSIP+STP+TAP Total Cost = \$4,640,232; MPO Evaluation Score = 37
	Roadway Reconstruction	608007	Boston Region	Multiple	COHASSET/SCITUATE - CORRIDOR IMPROVEMENTS AND RELATED WORK ON JUSTICE CUSHING HIGHWAY (ROUTE 3A), FROM BEECHWOOD STREET TO HENRY TURNER BAILEY ROAD	5	TAP	\$ 140,232	\$ 112,186	\$ 28,046	Construction; HSIP+STP+TAP Total Cost = \$4,640,232; MPO Evaluation Score = 37; TAP Proponent = MassDOT
	Roadway Reconstruction	607899	Boston Region	Dedham	DEDHAM - PEDESTRIAN IMPROVEMENTS ALONG BUSSEY STREET, INCLUDING SUPERSTRUCTURE REPLACEMENT, D-05-010, BUSSEY STREET OVER MOTHER BROOK	6	STP	\$ 4,000,000	\$ 3,200,000	\$ 800,000	Construction; STP+TAP Total Cost = \$4,527,196; MPO Evaluation Score = 35
	Roadway Reconstruction	607899	Boston Region	Dedham	DEDHAM - PEDESTRIAN IMPROVEMENTS ALONG BUSSEY STREET, INCLUDING SUPERSTRUCTURE REPLACEMENT, D-05-010, BUSSEY STREET OVER MOTHER BROOK	6	TAP	\$ 527,196	\$ 421,757	\$ 105,439	Construction; STP+TAP Total Cost = \$4,527,196; MPO Evaluation Score = 35; TAP Proponent = Dedham
	Intersection Improvements	603739	Boston Region	Wrentham	WRENTHAM - CONSTRUCTION OF A SLIP RAMP FROM ROUTE 1A NB TO I-495 SB AND ASSOCIATED INTERSECTION IMPROVEMENTS ALONG ROUTE 1A	5	HSIP	\$ 2,500,000	\$ 2,250,000	\$ 250,000	Construction; HSIP+STP+TAP Total Cost = \$11,600,000; MPO Evaluation Score = 55
	Intersection Improvements	603739	Boston Region	Wrentham	WRENTHAM - CONSTRUCTION OF A SLIP RAMP FROM ROUTE 1A NB TO I-495 SB AND ASSOCIATED INTERSECTION IMPROVEMENTS ALONG ROUTE 1A	5	STP	\$ 8,600,000	\$ 6,880,000	\$ 1,720,000	Construction; HSIP+STP+TAP Total Cost = \$11,600,000; MPO Evaluation Score = 55
	Intersection Improvements	603739	Boston Region	Wrentham	WRENTHAM - CONSTRUCTION OF A SLIP RAMP FROM ROUTE 1A NB TO I-495 SB AND ASSOCIATED INTERSECTION IMPROVEMENTS ALONG ROUTE 1A	5	TAP	\$ 500,000	\$ 400,000	\$ 100,000	Construction; HSIP+STP+TAP Total Cost = \$11,600,000; MPO Evaluation Score = 55; TAP Proponent = MassDOT
	Intersection Improvements	607305	Boston Region	Reading	READING - INTERSECTION SIGNALIZATION @ ROUTE 28 & HOPKINS STREET	4	HSIP	\$ 468,283	\$ 421,455	\$ 46,828	Construction; HSIP+STP Total Cost = \$1,468,283; MPO Evaluation Score = 38
	Intersection Improvements	607305	Boston Region	Reading	READING - INTERSECTION SIGNALIZATION @ ROUTE 28 & HOPKINS STREET	4	STP	\$ 1,000,000	\$ 800,000	\$ 200,000	Construction; HSIP+STP Total Cost = \$1,468,283; MPO Evaluation Score = 38
	Intersection Improvements	608443	Boston Region	Multiple	LITTLETON- AYER - INTERSECTION IMPROVEMENTS ON ROUTE 2A AT WILLOW ROAD AND BRUCE STREET	3	HSIP	\$ 1,000,000	\$ 900,000	\$ 100,000	Construction; HSIP+STP Total Cost = \$2,784,000; MPO Evaluation Score = 36
	Intersection Improvements	608443	Boston Region	Multiple	LITTLETON- AYER - INTERSECTION IMPROVEMENTS ON ROUTE 2A AT WILLOW ROAD AND BRUCE STREET	3	STP	\$ 1,784,000	\$ 1,427,200	\$ 356,800	Construction; HSIP+STP Total Cost = \$2,784,000; MPO Evaluation Score = 36
	Planning / Adjustments / Pass-throughs	BN0009	Boston Region	Multiple	COMMUNITY TRANSPORTATION PROGRAM	N/A	CMAQ	\$ 2,000,000	\$ 1,600,000	\$ 400,000	Planning, Design, or Construction; Set Aside for LRTP Clean Air and Mobility Program
Regionally Prioritized Projects subtotal ▶								\$ 62,915,915	\$ 51,029,560	\$ 11,886,355	◀ 80% Federal + 20% Non-Federal

2023 Boston 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
-------------------------------	----------------	----------------------	--------------------------------------	---------------------	-------------------------------	--------------------	------------------	--------------------------	-----------------	---------------------	--

Section 1A / Fiscal Constraint Analysis												
								Total Regional Federal Aid Funds Programmed ▶	\$ 104,915,915	\$ 109,011,849	◀Total Budget	\$ 4,095,934 Target Funds Available
								STP programmed ▶	\$ 81,514,400	\$ 65,211,520	◀ STP	
								HSIP programmed ▶	\$ 6,968,283	\$ 6,271,455	◀ HSIP	
								CMAQ programmed ▶	\$ 12,000,000	\$ 9,600,000	◀ CMAQ	
								TAP programmed ▶	\$ 4,433,232	\$ 3,546,586	◀ 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 an FTA flex, coordinate with Rail & Transit Division before programming; *Column L* Enter Additional Information as described - please do not use any other format.

Section 1B / Earmark or Discretionary Grant Funded Projects												
Other Federal Aid												
			Boston Region		Other Federal Aid		HPP	\$ -	\$ -	\$ -		
			Boston Region		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		Boston Region		Bridge Inspection			\$ -	\$ -	\$ -		
	Bridge Program		Boston Region		Bridge Inspection			\$ -	\$ -	\$ -		
								Bridge Program / Inspections subtotal ▶	\$ -	\$ -	\$ -	◀ Funding Split Varies by Funding Source

Bridge Program / Off-System												
	Bridge Program		Boston Region		Bridge Program / Off-System			\$ -	\$ -	\$ -		
	Bridge Program		Boston Region		Bridge Program / Off-System			\$ -	\$ -	\$ -		
	Bridge Program		Boston Region		Bridge Program / Off-System			\$ -	\$ -	\$ -		
	Bridge Program		Boston Region		Bridge Program / Off-System			\$ -	\$ -	\$ -		
	Bridge Program		Boston Region		Bridge Program / Off-System			\$ -	\$ -	\$ -		
	Bridge Program		Boston Region		Bridge Program / Off-System			\$ -	\$ -	\$ -		
	Bridge Program		Boston Region		Bridge Program / Off-System			\$ -	\$ -	\$ -		
								Bridge Program / Off-System subtotal ▶	\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal

Bridge Program / On-System (NHS)												
	Bridge Program		Boston Region				NHPP-On					
	Bridge Program		Boston Region				NHPP-On					
	Bridge Program		Boston Region				NHPP-On					
	Bridge Program		Boston Region				NHPP-On					
								Bridge Program / On-System (NHS) subtotal ▶	\$ -	\$ -	\$ -	◀ Funding Split Varies by Funding Source

Bridge Program / On-System (Non-NHS)												
	Bridge Program		Boston Region				NHPP-Off		\$ -	\$ -		
								Bridge Program / On-System (Non-NHS) subtotal ▶	\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal

Bridge Program / Systematic Maintenance												
	Bridge Program		Boston Region				NHPP-Off		\$ -	\$ -		
								Bridge Program / Systematic Maintenance subtotal ▶	\$ -	\$ -	\$ -	◀ Funding Split Varies by Funding Source

Interstate Pavement												
	Interstate Pavement		Boston Region		Interstate Pavement			\$ -	\$ -	\$ -		
								Interstate Pavement subtotal ▶	\$ -	\$ -	\$ -	◀ 90% Federal + 10% Non-Federal

Non-Interstate Pavement												
	Non-Interstate Pavement	608495	Boston Region	Multiple	CONCORD- LINCOLN- LEXINGTON RESURFACING AND RELATED WORK ON ROUTE 2A	4	NHPP	\$ 3,480,000	\$ 2,784,000	\$ 696,000		
	Non-Interstate Pavement	609102	Boston Region	Multiple	WENHAM- MANCHESTER- ESSEX- GLOUCESTER- PAVEMENT PRESERVATION AND RELATED WORK ON ROUTE 128	4	NHPP	\$ 13,731,802	\$ 10,985,442	\$ 2,746,360		
								Non-Interstate Pavement subtotal ▶	\$ 17,211,802	\$ 13,769,442	\$ 3,442,360	◀ 80% Federal + 20% Non-Federal

2023 Boston 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
► Roadway Improvements											
	Roadway Improvements		Boston Region		Roadway Improvements			\$ -	\$ -	\$ -	
	Roadway Improvements		Boston Region		Roadway Improvements			\$ -	\$ -	\$ -	
	Roadway Improvements		Boston Region		Roadway Improvements			\$ -	\$ -	\$ -	
Roadway Improvements subtotal ►								\$ -	\$ -	\$ -	◄ 80% Federal + 20% Non-Federal
► Safety Improvements											
	Safety Improvements	609053	Boston Region	Multiple	CANTON-DEDHAM-NORWOOD- HIGHWAY LIGHTING IMPROVEMENTS AT I93 & I95/128	6	NHPP	\$ 4,000,000	\$ 3,600,000	\$ 400,000	
	Safety Improvements	609058	Boston Region	Multiple	PEABODY TO GLOUCESTER- GUIDE AND TRAFFIC SIGN REPLACEMENT ON ROUTE 128	4	HSIP	\$ 1,960,848	\$ 1,764,764	\$ 196,085	
	Safety Improvements	609060	Boston Region	Multiple	LYNNFIELD- PEABODY- DANVERS- GUIDE AND TRAFFIC SIGN REPLACEMENT ON I-95/128 (TASK 'A' INTERCHANGE)	4	HSIP	\$ 492,862	\$ 443,576	\$ 49,286	
	Safety Improvements		Boston Region				HSIP	\$ -	\$ -	\$ -	
	Safety Improvements		Boston Region				HSIP	\$ -	\$ -	\$ -	
Safety Improvements subtotal ►								\$ 6,453,711	\$ 5,808,340	\$ -	◄ Funding Split Varies by Funding Source
► Section 2B / State Prioritized Modernization Projects											
► ADA Retrofits											
	ADA Retrofits		Boston Region		ADA Retrofits			\$ -	\$ -	\$ -	
	ADA Retrofits		Boston Region		ADA Retrofits			\$ -	\$ -	\$ -	
ADA Retrofits subtotal ►								\$ -	\$ -	\$ -	◄ 80% Federal + 20% Non-Federal
► Intersection Improvements											
	Intersection Improvements	608052	Boston Region	Norwood	NORWOOD- INTERSECTION & SIGNAL IMPROVEMENTS AT US 1 (PROVIDENCE HIGHWAY) & MORSE STREET	5	HSIP	\$ 974,815	\$ 877,334	\$ 97,482	
	Intersection Improvements	608564	Boston Region	Watertown	WATERTOWN- INTERSECTION IMPROVEMENTS AT ROUTE 16 AND GALEN STREET	6	HSIP	\$ 2,630,000	\$ 2,367,000	\$ 263,000	
	Intersection Improvements	608566	Boston Region	Marlborough	MARLBOROUGH- IMPROVEMENTS AT ROUTE 20 (EAST MAIN STREET) AT CURTIS AVENUE	3	HSIP	\$ 5,200,000	\$ 2,505,600	\$ 278,400	
	Intersection Improvements		Boston Region				HSIP	\$ -	\$ -	\$ -	
Intersection Improvements subtotal ►								\$ 8,804,815	\$ 5,749,934	\$ -	◄ Funding Split Varies by Funding Source

2023 Boston 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
► Intelligent Transportation Systems											
	Intelligent Transportation Systems		Boston Region		Intelligent Transportation Systems			\$ -	\$ -	\$ -	
	Intelligent Transportation Systems		Boston Region		Intelligent Transportation Systems			\$ -	\$ -	\$ -	
	Intelligent Transportation Systems		Boston Region		Intelligent Transportation Systems			\$ -	\$ -	\$ -	
Intelligent Transportation System subtotal ►								\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal
► Roadway Reconstruction											
	Roadway Reconstruction	607977	Boston Region	Multiple	HOPKINTON- WESTBOROUGH- RECONSTRUCTION OF I-90/I-495 INTERCHANGE	3	NFP	\$ 30,000,000	\$ 24,000,000	\$ 6,000,000	
Roadway Reconstruction subtotal ►								\$ 30,000,000	\$ 24,000,000	\$ 6,000,000	◀ Funding Split Varies by Funding Source
► Section 2C / State Prioritized Expansion Projects											
► Bicycles and Pedestrians											
	Bicycles and Pedestrians		Boston Region		Bicycles and Pedestrians			\$ -	\$ -	\$ -	
	Bicycles and Pedestrians		Boston Region		Bicycles and Pedestrians			\$ -	\$ -	\$ -	
	Bicycles and Pedestrians		Boston Region		Bicycles and Pedestrians			\$ -	\$ -	\$ -	
Bicycles and Pedestrians subtotal ►								\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal
► Capacity											
	Capacity		Boston Region		Capacity			\$ -	\$ -	\$ -	
	Capacity		Boston Region		Capacity			\$ -	\$ -	\$ -	
Capacity subtotal ►								\$ -	\$ -	\$ -	◀ Funding Split Varies by Funding Source
► Section 3 / Planning / Adjustments / Pass-throughs											
► Planning / Adjustments / Pass-throughs											
			Boston Region		ABP GANS Repayment	Multiple		\$ -	\$ -	\$ -	
			Boston Region		ABP GANS Repayment	Multiple		\$ -	\$ -	\$ -	
			Boston Region		Award adjustments, change orders, etc.	Multiple		\$ -	\$ -	\$ -	
			Boston Region		Award adjustments, change orders, etc.	Multiple		\$ -	\$ -	\$ -	
			Boston Region		Award adjustments, change orders, etc.	Multiple		\$ -	\$ -	\$ -	
			Boston Region		Award adjustments, change orders, etc.	Multiple		\$ -	\$ -	\$ -	
			Boston Region		Metropolitan Planning	Multiple		\$ -	\$ -	\$ -	
			Boston Region		Metropolitan Planning	Multiple		\$ -	\$ -	\$ -	
			Boston Region		State Planning and Research Work Program I, (SPR I), Planning	Multiple		\$ -	\$ -	\$ -	
			Boston Region		State Planning and Research Work Program II, (SPR II), Research	Multiple		\$ -	\$ -	\$ -	
			Boston Region		Railroad Crossings	Multiple		\$ -	\$ -	\$ -	
			Boston Region		Railroad Crossings	Multiple		\$ -	\$ -	\$ -	
			Boston Region		Recreational Trails	Multiple		\$ -	\$ -	\$ -	
Other Statewide Items subtotal ►								\$ -	\$ -	\$ -	◀ Funding Split Varies by Funding Source
► Section 4 / Non-Federally Aided Projects											
► Non-Federally Aided Projects											
	Non-Federal Aid	607977	Boston Region	Multiple	HOPKINTON- WESTBOROUGH- RECONSTRUCTION OF I-90/I-495 INTERCHANGE	3	NFA	\$ 18,112,483		\$ 18,112,483	
	Non-Federally Aided Projects		Boston Region		Non-Federal Aid			\$ -		\$ -	
Non-Federal Aid subtotal ►								\$ 18,112,483		\$ 18,112,483	◀ 100% Non-Federal

2023 Summary

	TIP Section 1 - 3: ▼	TIP Section 4: ▼	Total of All Projects ▼	
Total ►	\$ 121,685,990	\$ 18,112,483	\$ 139,798,473	◀ Total Spending in Region
Federal Funds ►	\$ 100,357,275	\$ 100,357,275	\$ 100,357,275	◀ Total Federal Spending in Region
Non-Federal Funds ►	\$ 21,328,715	\$ 18,112,483	\$ 39,441,198	◀ 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>

TABLE 3-3
 MBTA Federal Capital Program
 FFY 2019-2023 TIP (Federal Share Only)
 Presented to the Boston MPO on 3/15/2018

Project Information		FY19-23 TIP (Federal Share Only)					FFY19-23	FFY19-23
		FFY19 (Fed. Share)	FFY20 (Fed. Share)	FFY21 (Fed. Share)	FFY22 (Fed. Share)	FFY23 (Fed. Share)	Totals (Fed. Share)	Totals (Fed + Match)
TIP Program	ALI							
Section 5307 Funds:								
Revenue Vehicle Program	12.12.00	\$189,206,168	\$146,121,933	\$82,321,933	\$146,121,933	\$146,121,933	\$709,893,902	\$887,367,377
Stations and Facilities Program	12.34.00	\$24,234,862	\$0	\$0	\$0	\$0	\$24,234,862	\$30,293,578
Signals/Systems Upgrade Program	12.63.01	\$72,000,000	\$0	\$63,800,000	\$0	\$0	\$135,800,000	\$169,750,000
		\$285,441,031	\$146,121,933	\$146,121,933	\$146,121,933	\$146,121,933	\$869,928,764	\$1,087,410,955
Section 5337 Funds:								
Bridge and Tunnel Program	12.24.05	\$105,720,000	\$0	\$0	\$80,000,000	\$83,270,751	\$268,990,751	\$336,238,439
Stations and Facilities Program	12.34.00	\$58,698,710	\$58,679,669	\$85,893,004	\$25,893,004	\$7,515,175	\$236,679,562	\$295,849,453
Elevator and Escalator Program	12.34.02	\$0	\$27,213,335	\$0	\$0	\$0	\$27,213,335	\$34,016,669
Signals/Systems Upgrade Program	12.63.01	\$120,000,000	\$60,000,000	\$60,000,000	\$40,000,000	\$55,107,078	\$335,107,078	\$418,883,848
		\$284,418,710	\$145,893,004	\$145,893,004	\$145,893,004	\$145,893,004	\$867,990,727	\$1,084,988,409
Section 5339 Funds:								
Bus Program	11.14.00	\$11,007,669	\$5,683,653	\$5,683,653	\$5,683,653	\$5,683,653	\$33,742,282	\$42,177,852
		\$11,007,669	\$5,683,653	\$5,683,653	\$5,683,653	\$5,683,653	\$33,742,282	\$42,177,852
Green Line Extension Funding (FFGA):								
Green Line Extension - New Starts (FFGA)	13.33.02	\$600,000,000	\$150,000,000	\$100,000,000	\$46,121,000	\$0	\$896,121,000	\$1,792,242,000
		\$600,000,000	\$150,000,000	\$100,000,000	\$46,121,000	\$0	\$896,121,000	\$1,792,242,000
Other FTA Funding:								
Quincy Center Bus Terminal - 5339 Discretionary	12.31.11	\$4,273,771	\$0	\$0	\$0	\$0	\$4,273,771	\$5,342,214
Repurposed Bus Earmarks	11.24.01	\$2,039,691	\$0	\$0	\$0	\$0	\$2,039,691	\$2,549,614
Positive Train Control - RRIF/TIFIA Financing	12.63.01	\$0	\$0	\$382,000,000	\$0	\$0	\$382,000,000	\$477,500,000
		\$6,313,462	\$0	\$382,000,000	\$0	\$0	\$388,313,462	\$485,391,828

Note:
 FTA formula funds are based on estimated apportionments. Once the FAST ACT expires after FFY20, future apportionments are assumed to be level-funded for FFY21-23. For TIP purposes, it is assumed that all FFY18 FTA formula funds (which have not yet been made available) will be carried forward into FFY19. TIP programs and projects are based on a preliminary draft CIP as of 3/9/18. Adjustments will be made to federal projects and budgets as the CIP process is finalized. The "ALI" code is preliminary only, and generally reflects the bulk of the TIP program. Within a program there may be several project types with different ALI codes. Green Line Extension funding is based on the FFGA. \$100M (FFY15 funds) has been obligated to date. FFY19 includes \$600M (\$150M annually for FFY16-19).

TABLE 3-4
 MBTA Federal Capital Program - FTA Formula Funds
 FFY 2019-2023 TIP - Project-Level Backup for Informational Purposes
 Presented to the Boston MPO on 3/15/2018

Section 5307 - Urbanized Formula Funds

5307 - Revenue Vehicle Program

	Federal Share	MBTA Match	Total
DMA Bus Replacement	\$78,690,003	\$19,672,501	\$98,362,504
Green Line Light Rail Fleet Replacement - Design	\$4,000,000	\$1,000,000	\$5,000,000
Green Line Train Protection	\$135,470,052	\$33,867,513	\$169,337,565
Locomotive Overhaul	\$24,000,000	\$6,000,000	\$30,000,000
MBTA Catamaran Overhaul	\$7,493,568	\$1,873,392	\$9,366,960
Midlife Overhaul of 25 New Flyer Allison Hybrid 60 ft Articulated Buses	\$12,702,054	\$3,175,514	\$15,877,568
Overhaul of 33 Kawasaki 900 Series Bi-Level Coaches	\$62,257,345	\$15,564,336	\$77,821,681
Procurement of Bi-Level Commuter Rail Coaches	\$99,344,131	\$24,836,033	\$124,180,164
Procurement of 194 New Flyer Hybrid 40 ft Buses	\$138,372,573	\$34,593,143	\$172,965,716
Procurement of Battery Electric 40 ft Buses and Related infrastructure (5307)	\$8,596,955	\$2,149,239	\$10,746,194
Procurement of 40 ft Buses	\$95,135,134	\$23,783,784	\$118,918,918
Red Line No. 3 Car - Targeted Reliability Improvements	\$35,226,739	\$8,806,685	\$44,033,424
TIP Program Allowance	\$8,605,346	\$2,151,337	\$10,756,683
	\$709,893,901	\$177,473,475	\$887,367,377

5307 - Stations and Facilities Program

	Federal Share	MBTA Match	Total
Bus Route Safety and Service Improvements	\$6,589,422	\$1,647,355	\$8,236,777
Charlestown Bus - Seawall Rehab	\$17,645,441	\$4,411,360	\$22,056,801
	\$24,234,863	\$6,058,716	\$30,293,578

5307 - Signals/Systems Upgrade Program

	Federal Share	MBTA Match	Total
Green Line - Central Tunnel Interlocking Signals	\$64,360,000	\$16,090,000	\$80,450,000
Green Line Riverside to Reservoir - Signal & Track Work	\$71,440,000	\$17,860,000	\$89,300,000
	\$135,800,000	\$33,950,000	\$169,750,000

Section 5307 Totals

\$869,928,764	\$217,482,191	\$1,087,410,955
----------------------	----------------------	------------------------

Section 5337 - State of Good Repair

5337 - Bridge and Tunnel Program

	Federal Share	MBTA Match	Total
Bridge Bundling Contract (6 Bridges)	\$105,720,000	\$26,430,000	\$132,150,000
Bridge Design / Inspection & Rating Program	\$25,391,729	\$6,347,932	\$31,739,661
Bridge Repair Program	\$8,722,002	\$2,180,501	\$10,902,503
North Station Draw 1 Bridge Replacement	\$108,800,000	\$27,200,000	\$136,000,000
Tunnel Rehabilitation Program	\$12,522,337	\$3,130,584	\$15,652,922
TIP Program Allowance	\$7,834,682	\$1,958,671	\$9,793,353
	\$268,990,750	\$67,247,688	\$336,238,439

5337 - Stations and Facilities Program

	Federal Share	MBTA Match	Total
Newton Commuter Rail Stations Study	\$16,511,947	\$4,127,987	\$20,639,934
Commonwealth Ave Stations Access	\$13,040,000	\$3,260,000	\$16,300,000
Downtown Crossing Vertical Transportation Improvements Phase 2	\$24,326,390	\$6,081,598	\$30,407,988
Forest Hills Improvement Project	\$18,089,763	\$4,522,441	\$22,612,204
Harvard Square Busway Repairs	\$18,489,531	\$4,622,383	\$23,111,914
Hingham Ferry Dock Modification	\$9,668,534	\$2,417,134	\$12,085,668
Iron Horse Operations Control Center	\$32,000,000	\$8,000,000	\$40,000,000
Natick Center Station Accessibility Project	\$1,760,506	\$440,126	\$2,200,632
Newton Highlands Green Line Station Accessibility Project	\$10,636,354	\$2,659,089	\$13,295,443
Oak Grove Station Vertical Transportation Improvements	\$10,340,603	\$2,585,151	\$12,925,754
Old South Meeting House Leak Repairs	\$1,108,000	\$277,000	\$1,385,000
Park Street Station Wayfinding Improvements Construction	\$9,013,235	\$2,253,309	\$11,266,544
Ruggles Station Upgrade - Accessibility (Design)	\$1,600,000	\$400,000	\$2,000,000
Savin Hill Underpass	\$2,787,200	\$696,800	\$3,484,000
South Attleboro Station Improvements	\$2,100,654	\$525,164	\$2,625,818
Symphony Station Improvements	\$30,615,840	\$7,653,960	\$38,269,801
Winchester Center Station	\$27,697,425	\$6,924,356	\$34,621,781
TIP Program Allowance	\$6,893,579	\$1,723,395	\$8,616,974
	\$236,679,563	\$59,169,891	\$295,849,453

5337 - Elevator and Escalator Program

	Federal Share	MBTA Match	Total
Elevator Program Multiple Location Design	\$8,020,714	\$2,005,178	\$10,025,892
Priority Replacement and Redundant Elevator Program	\$18,400,000	\$4,600,000	\$23,000,000
TIP Program Allowance	\$792,621	\$198,155	\$990,777
	\$27,213,335	\$6,803,334	\$34,016,669

5337 - Signals/Systems Upgrade Program

	Federal Share	MBTA Match	Total
45 High Street Improvements	\$6,095,130	\$1,523,783	\$7,618,913
Infrastructure Asset Management Program Phase 1	\$16,335,993	\$4,083,998	\$20,419,991
North Station Terminal Signal Improvements	\$28,480,000	\$7,120,000	\$35,600,000
Signal Program - Red/Orange Line	\$274,072,211	\$68,518,053	\$342,590,264
TIP Program Allowance	\$10,123,744	\$2,530,936	\$12,654,680
	\$335,107,079	\$83,776,770	\$418,883,848

Section 5337 Totals

\$840,777,392	\$210,194,348	\$1,084,988,409
----------------------	----------------------	------------------------

Section 5339 - Bus & Bus Facilities**5339 - Bus Program**

	Federal Share	MBTA Match	Total
Procurement of Battery Electric 40 ft Buses and Related Infrastructure (5339)	\$33,742,282	\$8,435,570	\$42,177,852
	\$33,742,282	\$8,435,570	\$42,177,852

Section 5339 Totals

\$33,742,282	\$8,435,570	\$42,177,852
---------------------	--------------------	---------------------

TABLE 3-5
 MBTA Federal Capital Program - FTA Formula Funds
 FFY 2019-2023 TIP - Project Descriptions Provided for Informational Purposes
 Presented to the Boston MPO on 3/15/2018

TIP Project Name	Project Description
5307 - Revenue Vehicle Program	
DMA Bus Replacement	Procurement of 60-foot Dual Mode Articulated (DMA) buses to replace the existing fleet of 32 Silver Line Bus Rapid Transit buses and to provide for ridership expansion projected as a result of Silver Line service extension to Chelsea.
Green Line Light Rail Fleet Replacement - Design	Development of technical specifications for the procurement of light rail vehicles to replace the existing fleet that is approaching the end of its service life.
Green Line Train Protection	Procurement and installation of on-board and wayside equipment for a train monitoring system to determine allowable train separation, based on speed and location, and to prevent vehicles from passing a red signal.
Locomotive Overhaul	Overhaul of locomotives in operation on commuter rail lines systemwide in order to improve reliability.
MBTA Catamaran Overhaul	Replacement of major systems and refurbishment of seating and other customer facing components on two catamarans (Lightning and Flying Cloud).
Midlife Overhaul of 25 New Flyer Allison Hybrid 60 ft Articulated Buses	Overhaul of 25 hybrid buses, brought into service in 2009 and 2010, to enable optimal reliability through the end of their service life.
Overhaul of 33 Kawasaki 900 Series Bi-Level Coaches	Overhaul and upgrade of existing systems on commuter rail coaches that were brought into service in 2005 to enable optimal reliability through the end of their service life.
Procurement of Bi-Level Commuter Rail Coaches	Procurement of bi-level commuter rail coaches to replace existing cars that have exceeded their service life.
Procurement of 194 New Flyer Hybrid 40 ft Buses	Procurement of 40-foot buses with hybrid propulsion to replace Emission Controlled Diesel (ECD) buses that have reached the end of their service life.
Procurement of Battery Electric 40 ft Buses and Related infrastructure (5307)	Procurement of up to 35 Battery Electric 40-ft. buses and supporting infrastructure to replace the existing electric trolley bus fleet and to serve as a pilot for determining bus propulsion technologies for future procurements. (Funded from both 5307 and 5339.)
Procurement of 40 ft Buses	Procurement of 40-foot electric and hybrid buses for replacement of diesel bus fleet.
Red Line No. 3 Car - Targeted Reliability Improvements	Overhaul and upgrade of selected systems on Red Line fleet vehicles to extend service life until planned replacement.

TIP Project Name	Project Description
------------------	---------------------

5307 - Stations and Facilities Program

Bus Route Safety and Service Improvements	To address accessibility, safety and operational deficiencies at select bus stops systemwide.
Charlestown Bus - Seawall Rehab	Rehabilitation of existing seawall to protect bus maintenance facility from future storm and flooding events.

5307 - Signals/Systems Upgrade Program

Green Line - Central Tunnel Interlocking Signals	To provide for the removal and the replacement of the existing 25 cycle signal system and associated wayside equipment at Government Center, Copley and Park Street Interlockings.
Green Line Riverside to Reservoir - Signal & Track Work	Replacement of track and signal system components on the Highland Branch of the Green Line from Reservoir to Riverside Stations, including replacement of obsolete 25 Hz track circuits with modern solid-state 100 Hz track circuits.

5337 - Bridge and Tunnel Program

Bridge Bundling Contract (6 Bridges)	Replacement of 6 commuter rail bridges: Lynn Fells Parkway in Melrose (Haverhill Line); Parker Street in Lawrence (Haverhill Line); Commercial Street in Lynn (Newburyport/Rockport Line); Bacon Street in Wellesley (Worcester Line); Intervale Road in Weston (Worcester Line); and High Line Bridge in Somerville (Lowell Line).
Bridge Design / Inspection & Rating Program	Inspection of bridge assets systemwide for determination of asset condition ratings and subsequent prioritization and scoping for repairs to select bridges.
Bridge Repair Program	Repairs to bridges systemwide, based on asset condition as determined by systemwide inspections.
North Station Draw 1 Bridge Replacement	Replacement of the North Station commuter rail drawbridge (Draw 1). Funding source under review.
Tunnel Rehabilitation Program	Repair and rehabilitation of transit tunnels systemwide

TIP Project Name	Project Description
------------------	---------------------

5337 - Stations and Facilities Program

Newton Commuter Rail Stations Study	For a conceptual design and operational analysis study of the Newton commuter rail stations, with additional funding for various accessibility and infrastructure improvements
Commonwealth Ave Stations Access	Addressing accessibility issues along the B branch of the Green Line along Commonwealth Avenue
Downtown Crossing Vertical Transportation Improvements Phase 2	Construction of two new redundant elevators, in order to improve accessibility and to provide for future elevator maintenance without rendering the station temporarily inaccessible.
Forest Hills Improvement Project	Improvements at Forest Hills Station on the Orange Line and Needham Commuter Rail Line to comply with ADA and Massachusetts Architectural Access Board (MAAB) accessibility standards. Work will also include infrastructure and other improvements (e.g., wayfinding signage, installation of tactile platform edges).
Harvard Square Busway Repairs	Rehabilitation of roadway, drainage and catenary infrastructure at the Harvard Square Busway.
Hingham Ferry Dock Modification	Construction of a new, full accessible ferry dock at the Hingham Ferry Terminal located at Hewitts Cove in the Weymouth Back River in Hingham, MA
Iron Horse Operations Control Center	Construction of Iron Horse Park Operations Control Center building to provide an updated dispatch facility for Commuter Rail North (CRN) and Pan Am freight and to house the back-up Positive Train Control (PTC) data center.
Natick Center Station Accessibility Project	Accessibility improvements at the Natick Center commuter rail station on the Framingham/Worcester Line.
Newton Highlands Green Line Station Accessibility Project	Improvements at Newton Highlands station on the D branch of the Green Line to comply with ADA and Massachusetts Architectural Access Board (MAAB) accessibility standards.
Oak Grove Station Vertical Transportation Improvements	Retrofit of the existing Oak Grove station on the Orange Line to bring it into full compliance with ADA standards, including the replacement of existing elevators, construction of two new elevators, various parking and path of travel upgrades.

TIP Project Name	Project Description
Old South Meeting House Leak Repairs	Remediation of leaks along the wall of the Old South Meeting House resulting from the construction of an entrance to State Street Station
Park Street Station Wayfinding Improvements Construction	Replacement of existing signage with updated ADA-compliant standard graphics at the lobby, Green Line platform, Red Line platform and Winter Street concourse as well as related architecture improvements such as lighting and illuminated exit signs.
Ruggles Station Upgrade - Accessibility (Design)	Design for future accessibility improvements at Ruggles Station.
Savin Hill Underpass	Rehabilitation of underpass at the Savin Hill Red Line Station in Boston
South Attleboro Station Improvements	Needs assessment and design services associated with accessibility, structural, parking and multi-modal facility improvements for the South Attleboro commuter rail station.
Symphony Station Improvements	Upgrades to the existing Symphony Station on the Green Line in order to provide a modern, accessible, code-compliant facility
Winchester Center Station	Renovation and accessibility improvements to Winchester Center Station on the Lowell and Haverhill commuter rail lines.

5337 - Elevator and Escalator Program

Elevator Program Multiple Location Design	Design for the installation of new redundant elevators and the replacement of existing elevators systemwide.
Priority Replacement and Redundant Elevator Program	Installation of new redundant elevators and the replacement of existing elevators at various stations, in order to mitigate degradation of station elevators and to maintain station accessibility during elevator maintenance.

TIP Project Name	Project Description
------------------	---------------------

5337 - Signals/Systems Upgrade Program

45 High Street Improvements	Infrastructure improvements and data center upgrades at the MBTA's 45 High Street facility.
Infrastructure Asset Management Program Phase 1	Collection of infrastructure based asset data in order to update the SGR Database and manage asset and life cycle/risk management practices.
North Station Terminal Signal Improvements	Upgrades to the commuter rail signal/communication system in the North Station area required for more efficient phasing of future track alignments, including support for the future Draw 1 Bridge Replacement Project.
Signal Program - Red/Orange Line	Various signal upgrades and improvements along both the Red and Orange Lines

5339 - Bus Program

Procurement of Battery Electric 40 ft Buses and Related infrastructure (5339)	Procurement of up to 35 Battery Electric 40-ft. buses and supporting infrastructure to replace the existing electric trolley bus fleet and to serve as a pilot for determining bus propulsion technologies for future procurements. (Funded from both 5307 and 5339.)
---	---

Note: Project descriptions are preliminary only and are provided for informational purposes. In many cases, the scopes of work will become more fully developed as the design process proceeds and is completed.

TABLE 3-6
MetroWest Regional Transit Authority:
DRAFT FFYs 2019-23 Transportation Improvement Program Project List

Fiscal Year	Federal Program Name	Project #	Project Name	Project Description	Program	Federal \$	RTACAP \$	SCA \$	Carry Over	Total Cost
2019	Section 5307: Urbanized Area Formula	BCG0007086	NON FIXED ROUTE ADA PARA SERV	Non Fixed Route ADA Para Service	N/A	\$ 1,300,000.00	\$ -	\$ 325,000.00	2018 - \$1,300,000	\$ 1,625,000.00
2019	Section 5307: Urbanized Area Formula	BCG0007087	ACQUISITION OF BUS SUPPORT EQUIP/FACILITIES	Customer amenities, facility improvements, tools, equipment, technology	RTA: Facility and Vehicle Maintenance	\$ 248,415.00	\$ 62,104.00	\$ -	2018 - \$248,415	\$ 310,519.00
2019	Section 5307: Urbanized Area Formula	BCG0007088	Mobility Management	Mobility Management Enhancements/Improvements; IT; Call Center; Travel Training Enhancements/Improvement; Fare Collection Transition	RTA: Facility and Vehicle Maintenance	\$ 25,000.00	\$ 6,250.00	\$ -	2018 - \$25,000	\$ 31,250.00
2019	Mass DOER	BCG0007148	TERMINAL, INTERMODAL (TRANSIT) - BLANDIN - Solar Project	Solar Project - Applied for 5339(b) \$2M match w/RTACAP FY18 \$222,222 = 90/10 match; If grant isn't awarded will only need the remaining \$1,250,000. Total project cost over two years is \$2,000,000.	RTA: Facility and System Modernization	\$ 528,000.00	\$ 685,000.00	\$ -		\$ 1,213,000.00
2019		BCG0007151	BUY REPLACEMENT- CAPITOL BUS (3)	Transit Revenue Vehicles (3 @ \$40k each); separate from CTGP; replace EOL vehicles w/Transit Revenue Vehicles	RTA: Vehicle Replacement	\$ -	\$ 120,000.00	\$ -		\$ 120,000.00
2019	Section 5307: Urbanized Area Formula	BCG0003639	TERMINAL, INTERMODAL (TRANSIT) - BLANDIN - Front Entrance	Blandin Enhancements/Improvements; Customer Friendly Ammenities - Front Entrance	RTA: Facility and Vehicle Maintenance	\$ 150,000.00	\$ 37,500.00	\$ -	2018 - \$150,000	\$ 187,500.00
2020	Section 5307: Urbanized Area Formula	BCG0007089	ACQUISITION OF BUS SUPPORT EQUIP/FACILITIES	Acquisition of Bus Support Equip/Facilities; Additional Bus Accessories	RTA: Facility and Vehicle Maintenance	\$ 248,415.00	\$ 62,104.00	\$ -	2019 - \$248,415	\$ 310,519.00
2020	Section 5307: Urbanized Area Formula	BCG0007090	Mobility Management	Mobility Management; IT; Call Center; Travel Training Enhancements/Improvements; Fare Collection Transition	RTA: Facility and Vehicle Maintenance	\$ 25,000.00	\$ 6,250.00	\$ -	2019 - \$25,000	\$ 31,250.00
2020	Section 5307: Urbanized Area Formula	BCG0007091	NON FIXED ROUTE ADA PARA SERV	Non Fixed Route ADA Para Service	N/A	\$ 1,300,000.00	\$ -	\$ 325,000.00	2019 - \$1,300,000	\$ 1,625,000.00
2020	Section 5307: Urbanized Area Formula	BCG0007092	TERMINAL, INTERMODAL (TRANSIT) - BLANDIN	Blandin Hub Enhancements/Improvements	RTA: Facility and Vehicle Maintenance	\$ 150,000.00	\$ 37,500.00	\$ -	2019 - \$150,000	\$ 187,500.00
2021	Section 5307: Urbanized Area Formula	BCG0007093	NON FIXED ROUTE ADA PARA SERV	Non Fixed Route ADA Para Service	N/A	\$ 1,300,000.00	\$ -	\$ 325,000.00	2020 - \$1,300,000	\$ 1,625,000.00
2021	Section 5307: Urbanized Area Formula	BCG0007094	TERMINAL, INTERMODAL (TRANSIT) - BLANDIN	12/3/2015 update CIP Project: State of Good Repair / Notes: Blandin Avenue Call Center Technology Updates	RTA: Facility and Vehicle Maintenance	\$ 150,000.00	\$ 37,500.00	\$ -	2020 - \$150,000	\$ 187,500.00
2021	Section 5307: Urbanized Area Formula	BCG0007095	ACQUISITION OF BUS SUPPORT EQUIP/FACILITIES	Acquisition of Bus Support Equip/Facilities; Fare Collection Equipment	RTA: Facility and Vehicle Maintenance	\$ 248,415.00	\$ 62,104.00	\$ -	2020 - \$248,415	\$ 310,519.00
2021	Section 5307: Urbanized Area Formula	BCG0007096	Mobility Management	12/3/2015 update CIP Project: State of Good Repair / Notes: Blandin Avenue Call Center Technology Updates	RTA: Facility and Vehicle Maintenance	\$ 25,000.00	\$ 6,250.00	\$ -	2020 - \$25,000	\$ 31,250.00
2022	Section 5307: Urbanized Area Formula	BCG0007097	NON FIXED ROUTE ADA PARA SERV	Non Fixed Route ADA Para Service	N/A	\$ 1,300,000.00	\$ -	\$ 325,000.00	2021 - \$1,300,000	\$ 1,625,000.00
2022	Section 5307: Urbanized Area Formula	BCG0007098	ACQUISITION OF BUS SUPPORT EQUIP/FACILITIES	Acquisition of Bus Support Equip/Facilities; Additional Bus Accessories	RTA: Facility and Vehicle Maintenance	\$ 248,415.00	\$ 62,104.00	\$ -	2021 - \$248,415	\$ 310,519.00

Fiscal Year	Federal Program Name	Project #	Project Name	Project Description	Program	Federal \$	RTACAP \$	SCA \$	Carry Over	Total Cost
2022	Section 5307: Urbanized Area Formula	BCG0007099	TERMINAL, INTERMODAL (TRANSIT) - BLANDIN	Blandin Hub Enhancements/Improvements	RTA: Facility and Vehicle Maintenance	\$ 150,000.00	\$ 37,500.00	\$ -	2021 - \$150,000	\$ 187,500.00
2022	Section 5307: Urbanized Area Formula	BCG0007100	Mobility Management	Mobility Management; IT; Call Center; Travel Training Enhancements/Improvements; Fare Collection Transition	RTA: Facility and Vehicle Maintenance	\$ 25,000.00	\$ 6,250.00	\$ -	2021 - \$25,000	\$ 31,250.00
2023	Section 5307: Urbanized Area Formula	BCG0007152	NON FIXED ROUTE ADA PARA SERV	Non Fixed Route ADA Para Service	N/A	\$ 1,300,000.00	\$ -	\$ 325,000.00	2022 - \$1,300,000	\$ 1,625,000.00
2023	Section 5307: Urbanized Area Formula	BCG0007153	ACQUISITION OF BUS SUPPORT EQUIP/FACILITIES	Acquisition of Bus Support Equip/Facilities; Additional Bus Accessories	RTA: Facility and Vehicle Maintenance	\$ 248,415.00	\$ 62,104.00	\$ -	2022 - \$248,415	\$ 310,519.00
2023	Section 5307: Urbanized Area Formula	BCG0007155	Mobility Management	Mobility Management; IT; Call Center; Travel Training Enhancements/Improvements; Fare Collection Transition	RTA: Facility and Vehicle Maintenance	\$ 25,000.00	\$ 6,250.00	\$ -	2022 - \$25,000	\$ 31,250.00
2023	Section 5307: Urbanized Area Formula	BCG0007154	TERMINAL, INTERMODAL (TRANSIT) - BLANDIN	Blandin Hub Enhancements/Improvements	RTA: Facility and Vehicle Maintenance	\$ 150,000.00	\$ 37,500.00	\$ -	2022 - \$150,000	\$ 187,500.00

DRAFT

**TABLE 3-7
CAPE ANN TRANSPORTATION AUTHORITY:
DRAFT FFYs 2019-23 TRANSPORTATION IMPROVEMENT PROGRAM PROJECT LIST**

Fiscal Year	Federal Program Name	Project #	Project Name	Project Description	Program	Federal \$	RTACAP \$	Local \$	Carry Over	Total Cost
2019	Section 5307: Urbanized Area Formula	BCG0006599	PREVENTIVE MAINTENANCE	FY19 PM expenses	N/A	\$ 285,000	\$ -	\$ 71,250	2018 - \$285,000	\$ 356,250.00
2019		BCG0007348	BUY REPLACEMENT 35-FT BUS (2)	ORIGINALLY RTD0004373 (BCG0004373)	RTA: Vehicle Replacement	\$ -	\$ 900,000	\$ -		\$ 900,000.00
2019	Section 5307: Urbanized Area Formula	BCG0006600	ACQUIRE - SHOP EQ/COMPUTER/SFTWR	COMPUTER UPGRADE AND SOFTWARE MAINTENANCE	RTA: Facility and System Modernization	\$ 55,000	\$ 13,750	\$ -	2018 - \$55,000	\$ 68,750.00
2020	Section 5307: Urbanized Area Formula	BCG0006602	PREVENTIVE MAINTENANCE	FY20 PM Expenses	N/A	\$ 285,000	\$ -	\$ 71,250	2019 - \$285,000	\$ 356,250.00
2020	Section 5307: Urbanized Area Formula	BCG0006603	ACQUIRE - SHOP EQ/COMP/SFTWR		RTA: Facility and System Modernization	\$ 55,000	\$ 13,750	\$ -	2019 - \$55,000	\$ 68,750.00
2021	Section 5307: Urbanized Area Formula	BCG0006606	ACQUIRE - SHOP EQ/COMP/SFTWR		RTA: Facility and System Modernization	\$ 55,000	\$ 13,750	\$ -	2020 - \$55,000	\$ 68,750.00
2021	Section 5307: Urbanized Area Formula	BCG0006605	PREVENTIVE MAINTENANCE	FY21 PM expenses	RTA: Facility and Vehicle Maintenance	\$ 285,000	\$ -	\$ 71,250	2020 - \$285,000	\$ 356,250.00
2022	Section 5307: Urbanized Area Formula	BCG0006607	PREVENTIVE MAINTENANCE	PREVENTIVE MAINTENANCE	N/A	\$ 285,000	\$ -	\$ 71,250	2021 - \$285,000	\$ 356,250.00
2022	Section 5307: Urbanized Area Formula	BCG0006608	ACQUIRE - SHOP EQUIPMENT	SHOP EQ/COMPUTER/SFTWR	RTA: Facility and System Modernization	\$ 55,000	\$ 13,750	\$ -	2021 - \$55,000	\$ 68,750.00
2023	Section 5307: Urbanized Area Formula	BCG0007184	PREVENTIVE MAINTENANCE	Preventive Maintenance	RTA: Facility and Vehicle Maintenance	\$ 285,000	\$ -	\$ 71,250	2022 - \$285,000	\$ 356,250.00
2023	Section 5307: Urbanized Area Formula	BCG0007186	Rehab/Reno-repave parking lot (match in 24)	Complete repaving of CATA's parking lot	RTA: Facility and Vehicle Maintenance	\$ 80,000	\$ -	\$ -		\$ 80,000.00
2023	Section 5307: Urbanized Area Formula	BCG0007197	Replace Two 30-FT BUS	Replacement of two 30-ft low floor buses that will have reached the end of their useful life	RTA: Vehicle Replacement	\$ 700,000	\$ 175,000	\$ -	2019 - \$175,000; 2020 - \$175,000; 2022 - \$175,000	\$ 875,000.00

PROJECT INFORMATION KEY

ID Number: This number references the project's identification number in MassDOT's project-tracking system.

Municipality: This field lists the municipality (or municipalities) in which a project is located.

Project Name: This field provides the project name or descriptor of project location.

Evaluation Rating: This field shows the total number of points scored by the project based on the MPO's project evaluation criteria. MPO staff has not evaluated all projects in the TIP; staff mainly evaluates projects that can be considered for funding with the MPO's Regional Target funding. If no score is listed, that means MPO staff did not evaluate the project.

MPO/CTPS Study: This field indicates if a study was conducted in the project area by the MPO staff and the findings, at least in part, have been incorporated in the engineering design for the TIP project. These studies are funded through the MPO's 3C planning work and documented in the Unified Planning Work Program (UPWP). If no study name and year are listed, that means that MPO staff has not conducted a transportation study in the project area.

LRTP Status: This field shows the time band that the project is proposed for programming in the Long-Range Transportation Plan (LRTP). Projects are programmed in the LRTP if they are Major

Infrastructure projects that add capacity to the transportation system. Projects that fall into the Operations and Maintenance investment programs established in the LRTP do not have to be programmed in the LRTP prior to being funded in the TIP; therefore, this field is blank for those projects.

Project Length: This field provides the length of the project in miles. This information is based on the best available data, and comes mainly from MassDOT's Project Information website and from communication with project proponents or MassDOT project managers. Project lengths are engineering design estimates and may change during project development and construction.

Project Description: The description of the project is based, in part, on the written description of the project on MassDOT's Project Information website. In some cases, these descriptions have been modified to clarify the details of the projects.

Funding Tables: Funding tables are included for each project and show the following information:

- **Year:** This field provides the year(s) during which the project is programmed for funding.
- **Funding Program:** The federal funding program(s) by which the project is funded is provided in this field. See Chapter 2 for more details on funding programs.

- **Total Funding Programmed:** This field shows the total funding programmed for the project based on the year of expenditure.
-

The project description information on the following pages originates from MassDOT's Project Information database and, in some cases, has been modified to include additional project details

Information regarding TIP projects changes periodically. For more information on all projects please visit MassDOT's Project Information website, www.massdot.state.ma.us/highway/ProjectInfo.aspx, the Boston Region MPO's website, www.bostonmpo.org, or contact Ali Kleyman, TIP Manager, at akleyman@ctps.org.

THE TIP PROJECT DETAIL PAGES WILL BE INCLUDED IN THE PUBLIC REVIEW DRAFT