

**FFYs 2019-2023 Draft Transportation Improvement Program  
For MPO Endorsement**

Posted May 18, 2018

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 = \$12,087,144; 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	\$ 8,352,877	\$ 6,682,302	\$ 1,670,575	Construction; CMAQ+TAP+STP Total Cost = \$12,087,144; 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 = \$12,087,144; MPO Evaluation Score = 60
	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

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	Roadway Reconstruction	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
	Roadway Reconstruction	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 ▶								\$ 97,131,688	\$ 78,477,126	\$ 18,654,562	◀ 80% Federal + 20% Non-Federal

▶ Section 1A / Fiscal Constraint Analysis																	
<p><b>Section 1A Instructions:</b> MPO Template Name) Choose Regional Name from dropdown list to populate header and MPO column; <b>Column C)</b> Enter ID from ProjectInfo; <b>Column E)</b> Choose Municipality Name from dropdown list; <b>Column H)</b> Choose the Funding Source being used for the project - if multiple funding sources are being used enter multiple lines; <b>Column I)</b> Enter the total amount of funds being programmed in this fiscal year and for each funding source; <b>Column J)</b> Federal funds autocalculates. Please verify the amount and only change if needed for flex; <b>Column K)</b> Non-federal funds autocalculates. Please verify the split/match - if matching an FTA flex, coordinate with Rail &amp; Transit Division before programming; <b>Column L)</b> Enter Additional Information as described - please do not use any other format.</p>								<p><b>Total Regional Federal Aid Funds Programmed ▶</b></p>				\$ 97,131,688	\$ 98,794,261	◀ Total Budget	\$ 1,662,573	Target Funds Available	
								STP programmed ▶	\$ 49,928,499	\$ 17,395,279	◀ 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 = \$25,315,588
	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 = \$25,315,588
	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 = \$25,315,588
	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 = \$25,315,588
	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	Demo ID: MA 149 Repurposed earmark, formerly design and construct signal crossing and other safety improvements to Emerald Necklace Greenway Bicycle Trail, Town of Brookline
			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

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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><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</small>
<b>► Bridge Program / Off-System</b>											
	Bridge Program	608079	Boston Region	SHARON	SHARON- BRIDGE REPLACEMENT, S-09-003 (40N), MASKWONICUT STREET OVER AMTRAK/MBTA	5	STP-BR-OFF	\$ 2,683,087	\$ 2,146,469	\$ 536,617	
	Bridge Program	608255	Boston Region	STOW	STOW- BRIDGE REPLACEMENT, S-29-011, BOX MILL ROAD OVER ELIZABETH BROOK	3	STP-BR-OFF	\$ 3,612,223	\$ 2,889,779	\$ 722,445	
Bridge Program / Off-System subtotal ►								\$ 6,295,310	\$ 5,036,248	\$ 1,259,062	◀ 80% Federal + 20% Non-Federal
<b>► Bridge Program / On-System (NHS)</b>											
	Bridge Program	604952	Boston Region	Multiple	LYNN- SAUGUS- BRIDGE REPLACEMENT, L-18-016=S-05-008, ROUTE 107 OVER THE SAUGUS RIVER (AKA - BELDEN G. BLY BRIDGE)	4	NHPP-On	\$ 14,894,228	\$ 11,915,382	\$ 2,978,846	AC Year 1 of 5, Total Cost \$74,471,140
	Bridge Program	604173	Boston Region	BOSTON	BOSTON- BRIDGE REPLACEMENT, B-16-016, NORTH WASHINGTON STREET OVER THE BOSTON INNER HARBOR	6	NHPP-On	\$ 25,184,931	\$ 20,147,945	\$ 5,036,986	AC Year 3 of 6, Total Project Cost = \$193,058,158.
	Bridge Program	605287	Boston Region	CHELSEA	CHELSEA- ROUTE 1 VIADUCT REHABILITATION (SB/NB) ON C-09-007 & C-09-011	6	NHPP-On	\$ 71,677,130	\$ 57,341,704	\$ 14,335,426	AC Year 2 of 4, Total Cost \$213,972,689
Bridge Program / On-System (NHS) subtotal ►								\$ 111,756,289	\$ 89,405,031	\$ 22,351,258	◀ Funding Split Varies by Funding Source
<b>► Bridge Program / On-System (Non-NHS)</b>											
	Bridge Program		Boston Region		Bridge Program / On-System (Non-NHS)			\$ -	\$ -	\$ -	
Bridge Program / On-System (Non-NHS) subtotal ►								\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal
<b>► Bridge Program / Systematic Maintenance</b>											
	Bridge Program	608234	Boston Region	RANDOLPH	RANDOLPH- BRIDGE PRESERVATION OF 2 BRIDGES: R-01-005 & R-01-007	6	NHPP-On	\$ 4,984,738	\$ 3,987,791	\$ 996,948	
Bridge Program / Systematic Maintenance subtotal ►								\$ 4,984,738	\$ 3,987,791	\$ 996,948	◀ Funding Split Varies by Funding Source
<b>► Interstate Pavement</b>											
	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	\$ 3,711,053	\$ 412,339	◀ 90% Federal + 10% Non-Federal
<b>► Non-Interstate Pavement</b>											
	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	\$ 20,992,322	\$ 5,248,081	◀ 80% Federal + 20% Non-Federal
<b>► Roadway Improvements</b>											
	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

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<b>► Safety Improvements</b>											
	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 ►								<b>\$ 18,716,875</b>	<b>\$ 16,845,188</b>	<b>\$ 1,871,688</b>	◀ Funding Split Varies by Funding Source
<b>► Section 2B / State Prioritized Modernization Projects</b>											
<b>► ADA Retrofits</b>											
	ADA Retrofits		Boston Region		ADA Retrofits			\$ -	\$ -	\$ -	
	ADA Retrofits		Boston Region		ADA Retrofits			\$ -	\$ -	\$ -	
ADA Retrofits subtotal ►								<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	◀ 80% Federal + 20% Non-Federal
<b>► Intersection Improvements</b>											
	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	\$ 1,974,736	\$ 1,777,263	\$ 197,474	
Intersection Improvements subtotal ►								<b>\$ 3,474,736</b>	<b>\$ 3,127,263</b>	<b>\$ 347,474</b>	◀ Funding Split Varies by Funding Source
<b>► Intelligent Transportation Systems</b>											
	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 ►								<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	◀ 80% Federal + 20% Non-Federal
<b>► Roadway Reconstruction</b>											
	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 ►								<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	◀ 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 ▼ <i>Present information as follows, if applicable:</i> a) Planning / Design / or Construction; b) total project cost and funding sources used; c) advance construction status; d) MPO project score; e) name of entity receiving a transfer; f) name of entity paying the non-state non-federal match; g) earmark details; h) TAP project proponent; i) other information
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► Section 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	BROOKLINE	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

► Section 3 / Planning / Adjustments / Pass-throughs

► Planning / Adjustments / Pass-throughs

Planning/Adjustments/Pass-throughs	BN0008	Boston Region	Newburyport	Parker River National Wildlife Refuge - Replace Hellcat Trail Boardwalk	4	Other FA	\$ 1,200,000	\$ 960,000	\$ 240,000		
		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		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 ►	\$ 307,008,976	\$ -	\$ 307,008,976	◀ Total Spending in Region
Federal Funds ►	\$ 249,010,457	\$ -	\$ 249,010,457	◀ Total Federal Spending in Region
Non-Federal Funds ►	\$ 57,998,519	\$ -	\$ 57,998,519	◀ 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>

**Transportation Improvement Program (TIP)  
Project List (FY2019)**

FTA Program	Project Number	Transit Agency	FTA Activity Line Item	Project Description	Carryover (unobligated)	Federal Funds	State Funds	TDC	Local Funds	Total Cost
<b>5307</b>										
	5307 RTD0006599	Cape Ann Transportation Authority	117A00	PREVENTIVE MAINTENANCE		\$285,000	\$0	\$0	\$71,250	\$356,250
	5307 RTD0006600	Cape Ann Transportation Authority		114206 ACQUIRE - SHOP EQ/COMPUTER/SFTWR		\$55,000	\$13,750	\$0	\$0	\$68,750
	5307 RTD0007086	MetroWest Regional Transit Authority	117C00	NON FIXED ROUTE ADA PARA SERV		\$1,300,000	\$325,000	\$0	\$0	\$1,625,000
	5307 RTD0007087	MetroWest Regional Transit Authority		114200 ACQUISITION OF BUS SUPPORT EQUIP/FACILITIES		\$248,415	\$62,104	\$0	\$0	\$310,519
	5307 RTD0007088	MetroWest Regional Transit Authority		440000 Mobility Management		\$25,000	\$6,250	\$0	\$0	\$31,250
	5307 RTD0003639	MetroWest Regional Transit Authority		113403 TERMINAL, INTERMODAL (TRANSIT) - BLANDIN - Front Entrance		\$150,000	\$37,500	\$0	\$0	\$187,500
	5307 RTD0007057	Massachusetts Bay Transportation Authority (MBTA)		121200 Revenue Vehicle Program - 5307		\$57,969,489	\$0	\$0	\$14,492,372	\$72,461,861
	5307 RTD0007058	Massachusetts Bay Transportation Authority (MBTA)		123400 Stations and Facilities Program - 5307		\$18,827,713	\$0	\$0	\$4,706,928	\$23,534,641
	5307 RTD0007366	Massachusetts Bay Transportation Authority (MBTA)		123402 Elevator and Escalator Program - 5307		\$2,644,350	\$0	\$0	\$661,087	\$3,305,437
	5307 RTD0007367	Massachusetts Bay Transportation Authority (MBTA)		126301 Signals/Systems Upgrade Program - 5307		\$64,280,000	\$0	\$0	\$16,070,000	\$80,350,000
					Subtotal	\$145,784,967	\$444,604	\$0	\$36,001,637	\$182,231,208
<b>5309</b>										
	5309 RTD0007082	Massachusetts Bay Transportation Authority (MBTA)		132303 Green Line Extension Project		\$150,000,000	\$0	\$0	\$150,000,000	\$300,000,000
					Subtotal	\$150,000,000	\$0	\$0	\$150,000,000	\$300,000,000
<b>5310</b>										
					Subtotal	\$0	\$0	\$0	\$0	\$0
<b>5311</b>										
					Subtotal	\$0	\$0	\$0	\$0	\$0
<b>5337</b>										
	5337 RTD0007059	Massachusetts Bay Transportation Authority (MBTA)		123400 Stations and Facilities Program - 5337		\$8,571,579	\$0	\$0	\$2,142,895	\$10,714,474
	5337 RTD0007060	Massachusetts Bay Transportation Authority (MBTA)		124400 Signal/Systems Upgrades Program - 5337		\$36,966,421	\$0	\$0	\$9,241,605	\$46,208,026
	5337 RTD0007368	Massachusetts Bay Transportation Authority (MBTA)		122405 Bridge and Tunnel Program - 5337		\$97,885,318	\$0	\$0	\$24,471,329	\$122,356,647
					Subtotal	\$143,423,318	\$0	\$0	\$35,855,829	\$179,279,147
<b>5339</b>										
	5339 RTD0007061	Massachusetts Bay Transportation Authority (MBTA)		111400 Bus Program - 5339		\$5,562,970	\$0	\$0	\$1,390,743	\$6,953,713
					Subtotal	\$5,562,970	\$0	\$0	\$1,390,743	\$6,953,713
<b>5320</b>										
					Subtotal	\$0	\$0	\$0	\$0	\$0
<b>Other Federal</b>										
					Subtotal	\$0	\$0	\$0	\$0	\$0
<b>Other Non-Federal</b>										
Other Non-Federal	RTD0007348	Cape Ann Transportation Authority		111202 BUY REPLACEMENT 35-FT BUS (2)		\$0	\$900,000	\$0	\$0	\$900,000
Other Non-Federal	RTD0007151	MetroWest Regional Transit Authority		111215 BUY REPLACEMENT- CAPITOL BUS		\$0	\$120,000	\$0	\$0	\$120,000
					Subtotal	\$0	\$1,020,000	\$0	\$0	\$1,020,000
					Total	\$444,771,255	\$1,464,604	\$0	\$223,248,209	\$669,484,068

Funds listed under the Carry Over column are included in the Federal Amount

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 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 2 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 2 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

## 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><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</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	CMAQ	\$ 1,000,000	\$ 800,000	\$ 200,000	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	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

	<b>Total Regional Federal Aid Funds Programmed ▶</b>	<b>\$ 102,478,643</b>	<b>\$ 102,478,656</b>	<b>◀ Total Budget</b>	<b>\$ 13</b>	<b>Target Funds Available</b>
	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		

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.



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
<b>► Section 1B / Earmark or Discretionary Grant Funded Projects</b>											
<b>► Other Federal Aid</b>											
			Boston Region		Other Federal Aid		HPP	\$ -	\$ -	\$ -	
			Boston Region		Other Federal Aid		HPP	\$ -	\$ -	\$ -	
Other Federal Aid subtotal ►								\$ -	\$ -	\$ -	◄ Funding Split Varies by Funding Source
<b>► Section 2A / State Prioritized Reliability Projects</b>											
<b>► Bridge Program / Inspections</b>											
	Bridge Program		Boston Region		Bridge Inspection			\$ -	\$ -	\$ -	
Bridge Program / Inspections subtotal ►								\$ -	\$ -	\$ -	◄ Funding Split Varies by Funding Source
<b>► Bridge Program / Off-System</b>											
	Bridge Program		Boston Region		Bridge Program / Off-System			\$ -	\$ -	\$ -	
Bridge Program / Off-System subtotal ►								\$ -	\$ -	\$ -	◄ 80% Federal + 20% Non-Federal
<b>► Bridge Program / On-System (NHS)</b>											
	Bridge Program	605342	Boston Region	STOW	STOW- BRIDGE REPLACEMENT, S-29-001, (ST 62) GLEASONDALE ROAD OVER THE ASSABET RIVER	3	NHPP-On	\$ 6,706,556	\$ 5,365,245	\$ 1,341,311	
	Bridge Program	604173	Boston Region	BOSTON	BOSTON- BRIDGE REPLACEMENT, B-16-016, NORTH WASHINGTON STREET OVER THE BOSTON INNER HARBOR	6	NHPP-On	\$ 24,184,931	\$ 19,347,945	\$ 4,836,986	AC Year 4 of 6, Total Project Cost = \$193,058,158.
	Bridge Program	605287	Boston Region	CHELSEA	CHELSEA- ROUTE 1 VIADUCT REHABILITATION (SB/NB) ON C-09-007 & C-09-011	6	NHPP-On	\$ 40,952,933	\$ 32,762,346	\$ 8,190,587	AC Year 3 of 4, Total Cost \$213,972,689
	Bridge Program	604952	Boston Region	Multiple	LYNN- SAUGUS- BRIDGE REPLACEMENT, L-18-016=S-05-008, ROUTE 107 OVER THE SAUGUS RIVER (AKA - BELDEN G. BLY BRIDGE)	4	NHPP-On	\$ 14,894,228	\$ 11,915,382	\$ 2,978,846	AC Year 2 of 5, Total Cost \$74,471,140
Bridge Program / On-System (NHS) subtotal ►								\$ 86,738,648	\$ 69,390,919	\$ 17,347,730	◄ Funding Split Varies by Funding Source
<b>► Bridge Program / On-System (Non-NHS)</b>											
	Bridge Program		Boston Region				NHPP-Off	\$ -	\$ -	\$ -	
Bridge Program / On-System (Non-NHS) subtotal ►								\$ -	\$ -	\$ -	◄ 80% Federal + 20% Non-Federal
<b>► Bridge Program / Systematic Maintenance</b>											
	Bridge Program		Boston Region		Bridge Program / Systematic Maintenance			\$ -	\$ -	\$ -	
Bridge Program / Systematic Maintenance subtotal ►								\$ -	\$ -	\$ -	◄ Funding Split Varies by Funding Source
<b>► Interstate Pavement</b>											
	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

**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
<b>► Non-Interstate Pavement</b>											
	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	608467	Boston Region	Marlborough	MARLBOROUGH- RESURFACING AND RELATED WORK ON ROUTE 20	3	NHPP	\$ 14,358,240	\$ 11,486,592	\$ 2,871,648	
	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 ►								<b>\$ 53,590,597</b>	<b>\$ 42,872,478</b>	<b>\$ 10,718,119</b>	◀ 80% Federal + 20% Non-Federal
<b>► Roadway Improvements</b>											
	Roadway Improvements		Boston Region		Roadway Improvements			\$ -	\$ -	\$ -	
	Roadway Improvements		Boston Region		Roadway Improvements			\$ -	\$ -	\$ -	
	Roadway Improvements		Boston Region		Roadway Improvements			\$ -	\$ -	\$ -	
Roadway Improvements subtotal ►								<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	◀ 80% Federal + 20% Non-Federal
<b>► Safety Improvements</b>											
	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/I-93 INTERCHANGE	6	NHPP	\$ 9,434,070	\$ 8,490,663	\$ 943,407	
	Safety Improvements		Boston Region				NHPP				
Safety Improvements subtotal ►								<b>\$ 12,122,796</b>	<b>\$ 10,910,516</b>	<b>\$ 1,212,280</b>	◀ Funding Split Varies by Funding Source
<b>► Section 2B / State Prioritized Modernization Projects</b>											
<b>► ADA Retrofits</b>											
	ADA Retrofits		Boston Region		ADA Retrofits			\$ -	\$ -	\$ -	
	ADA Retrofits		Boston Region		ADA Retrofits			\$ -	\$ -	\$ -	
ADA Retrofits subtotal ►								<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	◀ 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 ▼ <small><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</small>
<b>► Intersection Improvements</b>											
	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 ►								<b>\$ 7,506,015</b>	\$ 6,755,414	\$ 750,602	◀ Funding Split Varies by Funding Source
<b>► Intelligent Transportation Systems</b>											
	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
<b>► Roadway Reconstruction</b>											
	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 ►								<b>\$ 3,803,700</b>	\$ 3,042,960	\$ 760,740	◀ Funding Split Varies by Funding Source
<b>► Section 2C / State Prioritized Expansion Projects</b>											
<b>► Bicycles and Pedestrians</b>											
	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 ►								<b>\$ 1,770,722</b>	\$ 1,416,578	\$ 354,144	◀ 80% Federal + 20% Non-Federal
<b>► Capacity</b>											
	Capacity		Boston Region		Capacity			\$ -	\$ -	\$ -	
	Capacity		Boston Region		Capacity			\$ -	\$ -	\$ -	
Capacity subtotal ►								\$ -	\$ -	\$ -	◀ 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 ▼ <small><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</small>
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**► 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 ►	\$ 292,275,698	\$ -	\$ 292,275,698	◀ Total Spending in Region
	Federal Funds ►	\$ 238,619,337		\$ 238,619,337	◀ Total Federal Spending in Region
	Non-Federal Funds ►	\$ 53,656,360		\$ 53,656,360	◀ 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>

**Transportation Improvement Program (TIP)  
Project List (FY2020)**

FTA Program	Project Number	Transit Agency	FTA Activity Line Item	Project Description	Carryover (unobligated)	Federal Funds	State Funds	TDC	Local Funds	Total Cost
<b>5307</b>										
5307	RTD0006602	Cape Ann Transportation Authority	117A00	PREVENTIVE MAINTENANCE	2019 - \$285,000	\$285,000	\$0	\$0	\$71,250	\$356,250
5307	RTD0006603	Cape Ann Transportation Authority	114206	ACQUIRE - SHOP EQ/COMP/SFTWR	2019 - \$55,000	\$55,000	\$13,750	\$0	\$0	\$68,750
5307	RTD0007089	MetroWest Regional Transit Authority	114200	ACQUISITION OF BUS SUPPORT EQUIP/FACILITIES	2019 - \$248,415	\$248,415	\$62,104	\$0	\$0	\$310,519
5307	RTD0007090	MetroWest Regional Transit Authority	440000	Mobility Management	2019 - \$25,000	\$25,000	\$6,250	\$0	\$0	\$31,250
5307	RTD0007091	MetroWest Regional Transit Authority	117C00	NON FIXED ROUTE ADA PARA SERV	2019 - \$1,300,000	\$1,300,000	\$325,000	\$0	\$0	\$1,625,000
5307	RTD0007092	MetroWest Regional Transit Authority	113403	TERMINAL, INTERMODAL (TRANSIT) - BLANDIN	2019 - \$150,000	\$150,000	\$37,500	\$0	\$0	\$187,500
5307	RTD0007062	Massachusetts Bay Transportation Authority (MBTA)	121200	Revenue Vehicle Program - 5307		\$146,121,933	\$0	\$0	\$36,530,483	\$182,652,416
Subtotal						\$148,185,348	\$444,604	\$0	\$36,601,733	\$185,231,685
<b>5309</b>										
5309	RTD0007083	Massachusetts Bay Transportation Authority (MBTA)	132303	Green Line Extension Project		\$150,000,000	\$0	\$0	\$150,000,000	\$300,000,000
Subtotal						\$150,000,000	\$0	\$0	\$150,000,000	\$300,000,000
<b>5310</b>										
Subtotal						\$0	\$0	\$0	\$0	\$0
<b>5311</b>										
Subtotal						\$0	\$0	\$0	\$0	\$0
<b>5337</b>										
5337	RTD0007066	Massachusetts Bay Transportation Authority (MBTA)	123402	Elevator and Escalator Program - 5337		\$27,740,714	\$0	\$0	\$6,935,178	\$34,675,892
5337	RTD0007067	Massachusetts Bay Transportation Authority (MBTA)	123400	Stations and Facilities Program - 5337		\$58,152,291	\$0	\$0	\$14,538,073	\$72,690,364
5337	RTD0007068	Massachusetts Bay Transportation Authority (MBTA)	124400	Signals/Systems Upgrade Program - 5337		\$60,000,000	\$0	\$0	\$15,000,000	\$75,000,000
Subtotal						\$145,893,005	\$0	\$0	\$36,473,251	\$182,366,256
<b>5339</b>										
5339	RTD0007069	Massachusetts Bay Transportation Authority (MBTA)	111400	Bus Program - 5339		\$5,683,653	\$0	\$0	\$1,420,913	\$7,104,566
Subtotal						\$5,683,653	\$0	\$0	\$1,420,913	\$7,104,566
<b>5320</b>										
Subtotal						\$0	\$0	\$0	\$0	\$0
<b>Other Federal</b>										
Subtotal						\$0	\$0	\$0	\$0	\$0
<b>Other Non-Federal</b>										
Subtotal						\$0	\$0	\$0	\$0	\$0
Total						\$449,762,006	\$444,604	\$0	\$224,495,897	\$674,702,507

Funds listed under the Carry Over column are included in the Federal Amount

## 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
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▶ 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	TAP	\$ 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	STP	\$ 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	TAP	\$ 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; TAP Proponent = Boston
	Roadway Reconstruction	606226	Boston Region	Boston	BOSTON- RECONSTRUCTION OF RUTHERFORD AVENUE, FROM CITY SQUARE TO SULLIVAN SQUARE	6	STP	\$ 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
	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	TAP	\$ 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	STP	\$ 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 = \$2,285,168; 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 = \$2,285,168; 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	Marblehead	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																												
<p><b>Section 1A Instructions:</b> MPO Template Name) Choose Regional Name from dropdown list to populate header and MPO column; <b>Column C)</b> Enter ID from ProjectInfo; <b>Column E)</b> Choose Municipality Name from dropdown list; <b>Column H)</b> Choose the Funding Source being used for the project - if multiple funding sources are being used enter multiple lines; <b>Column I)</b> Enter the total amount of funds being programmed in this fiscal year and for each funding source; <b>Column J)</b> Federal funds autocalculates. Please verify the amount and only change if needed for flex. <b>Column K)</b> Non-federal funds autocalculates. Please verify the split/match - if matching an FTA flex, coordinate with Rail &amp; Transit Division before programming; <b>Column L)</b> Enter Additional Information as described - please do not use any other format.</p>	<p><b>Total Regional Federal Aid Funds Programmed ▶</b></p> <p>STP programmed ▶</p> <p>HSIP programmed ▶</p> <p>CMAQ programmed ▶</p> <p>TAP programmed ▶</p>	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="text-align: right;">\$ 104,439,292</td> <td style="text-align: right;">\$ 104,552,877</td> <td style="text-align: left;">◀ Total Budget</td> <td style="text-align: right;">\$ 113,585</td> <td style="text-align: left;">Target Funds Available</td> </tr> <tr> <td style="text-align: right;">\$ 66,308,835</td> <td style="text-align: right;">\$ 53,047,068</td> <td style="text-align: left;">◀ STP</td> <td></td> <td></td> </tr> <tr> <td style="text-align: right;">\$ 1,000,000</td> <td style="text-align: right;">\$ 900,000</td> <td style="text-align: left;">◀ HSIP</td> <td></td> <td></td> </tr> <tr> <td style="text-align: right;">\$ 33,100,000</td> <td style="text-align: right;">\$ 26,480,000</td> <td style="text-align: left;">◀ CMAQ</td> <td></td> <td></td> </tr> <tr> <td style="text-align: right;">\$ 4,030,457</td> <td style="text-align: right;">\$ 3,224,366</td> <td style="text-align: left;">◀ TAP</td> <td></td> <td></td> </tr> </table>	\$ 104,439,292	\$ 104,552,877	◀ Total Budget	\$ 113,585	Target Funds Available	\$ 66,308,835	\$ 53,047,068	◀ STP			\$ 1,000,000	\$ 900,000	◀ HSIP			\$ 33,100,000	\$ 26,480,000	◀ CMAQ			\$ 4,030,457	\$ 3,224,366	◀ TAP			
\$ 104,439,292	\$ 104,552,877	◀ Total Budget	\$ 113,585	Target Funds Available																								
\$ 66,308,835	\$ 53,047,068	◀ STP																										
\$ 1,000,000	\$ 900,000	◀ HSIP																										
\$ 33,100,000	\$ 26,480,000	◀ CMAQ																										
\$ 4,030,457	\$ 3,224,366	◀ TAP																										

## 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 ▼ <small><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</small>
<b>► Section 1B / Earmark or Discretionary Grant Funded Projects</b>											
<b>► Other Federal Aid</b>											
	Earmark Discretionary	606226	Boston Region	Boston	BOSTON- RECONSTRUCTION OF RUTHERFORD AVENUE, FROM CITY SQUARE TO SULLIVAN SQUARE	6	HPP	\$ 126,970	\$ 101,576	\$ 25,394	Demo ID MA183; AC Yr 2 of 5
	Earmark Discretionary	606226	Boston Region	Boston	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; AC Yr 2 of 5
	Earmark Discretionary	606501	Boston Region	Holbrook	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 ►								<b>\$ 10,106,180</b>	<b>\$ 8,084,944</b>	<b>\$ 2,021,236</b>	◀ Funding Split Varies by Funding Source
<b>► Section 2A / State Prioritized Reliability Projects</b>											
<b>► Bridge Program / Inspections</b>											
	Bridge Program		Boston Region		Bridge Inspection			\$ -	\$ -	\$ -	
Bridge Program / Inspections subtotal ►								<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	◀ Funding Split Varies by Funding Source
<b>► Bridge Program / Off-System</b>											
	Bridge Program	608637	Boston Region	MAYNARD	MAYNARD- BRIDGE REPLACEMENT, M-10-006, CARRYING FLORIDA ROAD OVER THE ASSABET RIVER	3	STP-BR-OFF	\$ 1,646,400	\$ 1,317,120	\$ 329,280	
Bridge Program / Off-System subtotal ►								<b>\$ 6,295,310</b>	<b>\$ 5,036,248</b>	<b>\$ 1,259,062</b>	◀ 80% Federal + 20% Non-Federal
<b>► Bridge Program / On-System (NHS)</b>											
	Bridge Program	604173	Boston Region	BOSTON	BOSTON- BRIDGE REPLACEMENT, B-16-016, NORTH WASHINGTON STREET OVER THE BOSTON INNER HARBOR	6	NHPP-On	\$ 24,184,931	\$ 19,347,945	\$ 4,836,986	AC Year 5 of 6, Total Cost \$193,058,158
	Bridge Program	605287	Boston Region	CHELSEA	CHELSEA- ROUTE 1 VIADUCT REHABILITATION (SB/NB) ON C-09-007 & C-09-011	6	NHPP-On	\$ 29,992,990	\$ 23,994,392	\$ 5,998,598	AC Year 4 of 4, Total Cost \$213,972,689
	Bridge Program	604952	Boston Region	Multiple	LYNN- SAUGUS- BRIDGE REPLACEMENT, L-18-016=S-05-008, ROUTE 107 OVER THE SAUGUS RIVER (AKA - BELDEN G. BLY BRIDGE)	4	NHPP-On	\$ 17,028,354	\$ 13,622,683	\$ 3,405,671	AC Year 3 of 5, Total Cost \$74,471,140
Bridge Program / On-System (NHS) subtotal ►								<b>\$ 71,206,275</b>	<b>\$ 56,965,020</b>	<b>\$ 14,241,255</b>	◀ Funding Split Varies by Funding Source
<b>► Bridge Program / On-System (Non-NHS)</b>											
	Bridge Program	608596	Boston Region	ESSEX	ESSEX- SUPERSTRUCTURE REPLACEMENT, E-11-001 (2TV), ROUTE 133 MAIN STREET OVER ESSEX RIVER	4	NHPP-Off	\$ 4,511,360	\$ 3,609,088	\$ 902,272	
	Bridge Program		Boston Region				NHPP-Off	\$ -	\$ -	\$ -	
Bridge Program / On-System (Non-NHS) subtotal ►								<b>\$ 4,511,360</b>	<b>\$ 3,609,088</b>	<b>\$ 902,272</b>	◀ 80% Federal + 20% Non-Federal
<b>► Bridge Program / Systematic Maintenance</b>											
	Bridge Program	608610	Boston Region	NEWTON	NEWTON- STEEL SUPERSTRUCTURE CLEANING (FULL REMOVAL) AND PAINTING OF N-12-055	6	NHPP-On	\$ 2,304,000	\$ 1,843,200	\$ 460,800	
Bridge Program / Systematic Maintenance subtotal ►								<b>\$ 2,304,000</b>	<b>\$ 1,843,200</b>	<b>\$ 460,800</b>	◀ 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
<b>► Interstate Pavement</b>											
	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 ►								<b>\$ 582,400</b>	\$ 524,160	\$ 58,240	◀ 90% Federal + 10% Non-Federal
<b>► Non-Interstate Pavement</b>											
	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 ►								<b>\$ 7,424,560</b>	\$ 5,939,648	\$ 1,484,912	◀ 80% Federal + 20% Non-Federal
<b>► Roadway Improvements</b>											
	Roadway Improvements		Boston Region		Roadway Improvements			\$ -	\$ -	\$ -	
	Roadway Improvements		Boston Region		Roadway Improvements			\$ -	\$ -	\$ -	
	Roadway Improvements		Boston Region		Roadway Improvements			\$ -	\$ -	\$ -	
Roadway Improvements subtotal ►								<b>\$ -</b>	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal
<b>► Safety Improvements</b>											
	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			NHPP		\$ -	\$ -	
Safety Improvements subtotal ►								<b>\$ 3,000,000</b>	\$ 2,700,000	\$ 300,000	◀ Funding Split Varies by Funding Source
<b>► Section 2B / State Prioritized Modernization Projects</b>											
<b>► ADA Retrofits</b>											
	ADA Retrofits		Boston Region		ADA Retrofits			\$ -	\$ -	\$ -	
	ADA Retrofits		Boston Region		ADA Retrofits			\$ -	\$ -	\$ -	
ADA Retrofits subtotal ►								<b>\$ -</b>	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal
<b>► Intersection Improvements</b>											
	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	607748	Boston Region	Acton	ACTON- INTERSECTION & SIGNAL IMPROVEMENTS ON SR 2 & SR 111 (MASSACHUSETTS AVENUE) AT PIPER ROAD & TAYLOR ROAD	3	HSIP	\$ 5,000,000	\$ 4,500,000	\$ 500,000	
	Intersection Improvements		Boston Region		Intersection Improvements			\$ -	\$ -	\$ -	
	Intersection Improvements		Boston Region		Intersection Improvements			\$ -	\$ -	\$ -	
Intersection Improvements subtotal ►								<b>\$ 7,000,000</b>	\$ 6,300,000	\$ 700,000	◀ 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 ▼ <small><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</small>
<b>► Intelligent Transportation Systems</b>											
	Intelligent Transportation Systems		Boston Region		Intelligent Transportation Systems			\$ -	\$ -	\$ -	
	Intelligent Transportation Systems		Boston Region		Intelligent Transportation Systems			\$ -	\$ -	\$ -	
	Intelligent Transportation Systems		Boston Region		Intelligent Transportation Systems			\$ -	\$ -	\$ -	
<b>Intelligent Transportation System subtotal ►</b>								<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	◀ 80% Federal + 20% Non-Federal
<b>► Roadway Reconstruction</b>											
	Roadway Reconstruction	608911	Boston Region	Belmont	BELMONT- IMPROVEMENTS AT WELLINGTON ELEMENTARY SCHOOL (SRTS)	4	TAP	\$ 1,243,750	\$ 995,000	\$ 248,750	
	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	
<b>Roadway Reconstruction subtotal ►</b>								<b>\$ 4,474,347</b>	<b>\$ 3,579,478</b>	<b>\$ 894,869</b>	◀ Funding Split Varies by Funding Source
<b>► Section 2C / State Prioritized Expansion Projects</b>											
<b>► Bicycles and Pedestrians</b>											
	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
<b>Bicycles and Pedestrians subtotal ►</b>								<b>\$ 10,316,559</b>	<b>\$ 8,253,247</b>	<b>\$ 2,063,312</b>	◀ 80% Federal + 20% Non-Federal
<b>► Capacity</b>											
	Capacity		Boston Region		Capacity			\$ -	\$ -	\$ -	
	Capacity		Boston Region		Capacity			\$ -	\$ -	\$ -	
<b>Capacity subtotal ►</b>								<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	◀ Funding Split Varies by Funding Source
<b>► Section 3 / Planning / Adjustments / Pass-throughs</b>											
<b>► Planning / Adjustments / Pass-throughs</b>											
			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		\$ -	\$ -	\$ -	
<b>Other Statewide Items subtotal ►</b>								<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	◀ 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
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**► 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 ►	\$	231,660,283	\$ -	\$ 231,660,283	◄ Total Spending in Region
Federal Funds ►	\$	186,486,466	\$ -	\$ 186,486,466	◄ Total Federal Spending in Region
Non-Federal Funds ►	\$	45,173,817	\$ -	\$ 45,173,817	◄ 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>

**Transportation Improvement Program (TIP)  
Project List (FY2021)**

FTA Program	Project Number	Transit Agency	FTA Activity Line Item	Project Description	Carryover (unobligated)	Federal Funds	State Funds	TDC	Local Funds	Total Cost
<b>5307</b>										
	5307 RTD0006605	Cape Ann Transportation Authority	117A00	PREVENTIVE MAINTENANCE	2020 - \$285,000	\$285,000	\$0	\$0	\$71,250	\$356,250
	5307 RTD0006606	Cape Ann Transportation Authority	114206	ACQUIRE - SHOP EQ/COMP/SFTWR	2020 - \$55,000	\$55,000	\$13,750	\$0	\$0	\$68,750
	5307 RTD0007093	MetroWest Regional Transit Authority	117C00	NON FIXED ROUTE ADA PARA SERV	2020 - \$1,300,000	\$1,300,000	\$325,000	\$0	\$0	\$1,625,000
	5307 RTD0007094	MetroWest Regional Transit Authority	113403	TERMINAL, INTERMODAL (TRANSIT) - BLANDIN	2020 - \$150,000	\$150,000	\$37,500	\$0	\$0	\$187,500
	5307 RTD0007095	MetroWest Regional Transit Authority	114200	ACQUISITION OF BUS SUPPORT EQUIP/FACILITIES	2020 - \$248,415	\$248,415	\$62,104	\$0	\$0	\$310,519
	5307 RTD0007096	MetroWest Regional Transit Authority	440000	Mobility Management	2020 - \$25,000	\$25,000	\$6,250	\$0	\$0	\$31,250
	5307 RTD0007070	Massachusetts Bay Transportation Authority (MBTA)	121200	Revenue Vehicle Program - 5307		\$81,761,933	\$0	\$0	\$20,440,483	\$102,202,416
	5307 RTD0007371	Massachusetts Bay Transportation Authority (MBTA)	126301	Signals/Systems Upgrade Program - 5307		\$64,360,000	\$0	\$0	\$16,090,000	\$80,450,000
Subtotal						\$148,185,348	\$444,604	\$0	\$36,601,733	\$185,231,685
<b>5309</b>										
	5309 RTD0007084	Massachusetts Bay Transportation Authority (MBTA)	132303	Green Line Extension Project		\$100,000,000	\$0	\$0	\$100,000,000	\$200,000,000
Subtotal						\$100,000,000	\$0	\$0	\$100,000,000	\$200,000,000
<b>5310</b>										
Subtotal						\$0	\$0	\$0	\$0	\$0
<b>5311</b>										
Subtotal						\$0	\$0	\$0	\$0	\$0
<b>5337</b>										
	5337 RTD0007073	Massachusetts Bay Transportation Authority (MBTA)	123400	Stations and Facilities Program - 5337		\$85,893,004	\$0	\$0	\$21,473,251	\$107,366,255
	5337 RTD0007074	Massachusetts Bay Transportation Authority (MBTA)	124400	Signals/Systems Upgrade Program - 5337		\$60,000,000	\$0	\$0	\$15,000,000	\$75,000,000
Subtotal						\$145,893,004	\$0	\$0	\$36,473,251	\$182,366,255
<b>5339</b>										
	5339 RTD0007075	Massachusetts Bay Transportation Authority (MBTA)	111400	Bus Program - 5339		\$5,683,653	\$0	\$0	\$1,420,913	\$7,104,566
Subtotal						\$5,683,653	\$0	\$0	\$1,420,913	\$7,104,566
<b>5320</b>										
Subtotal						\$0	\$0	\$0	\$0	\$0
<b>Other Federal</b>										
Other Federal	RTD0007376	Massachusetts Bay Transportation Authority (MBTA)	126301	PTC - RRIF/TIFIA Financing		\$382,000,000	\$0	\$0	\$95,500,000	\$477,500,000
Subtotal						\$382,000,000	\$0	\$0	\$95,500,000	\$477,500,000
<b>Other Non-Federal</b>										
Subtotal						\$0	\$0	\$0	\$0	\$0
Total						\$781,762,005	\$444,604	\$0	\$269,995,897	\$1,052,202,506

Funds listed under the Carry Over column are included in the Federal Amount

## 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 ▼ <small><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</small>
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► 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
Regionally Prioritized Projects subtotal ▶								<b>\$ 106,584,302</b>	\$ 85,530,614	\$ 21,053,688	◀ 80% Federal + 20% Non-Federal

**Section 1A / Fiscal Constraint Analysis**

<p><b>Section 1A Instructions:</b> MPO Template Name) Choose Regional Name from dropdown list to populate header and MPO column; <b>Column C)</b> Enter ID from ProjectInfo; <b>Column E)</b> Choose Municipality Name from dropdown list; <b>Column H)</b> Choose the Funding Source being used for the project - if multiple funding sources are being used enter multiple lines; <b>Column I)</b> Enter the total amount of funds being programmed in this fiscal year and for each funding source; <b>Column J)</b> Federal funds autocalculates. Please verify the amount and only change if needed for flex. <b>Column K)</b> Non-federal funds autocalculates. Please verify the split/match - if matching an FTA flex, coordinate with Rail &amp; Transit Division before programming; <b>Column L)</b> Enter Additional Information as described - please do not use any other format.</p>	<b>Total Regional Federal Aid Funds Programmed ▶</b>		<b>\$ 106,584,302</b>	<b>\$ 106,681,829</b>	<b>◀ Total Budget</b>	<b>\$ 97,527</b>	<b>Target Funds Available</b>
	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			

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
<b>► Section 1B / Earmark or Discretionary Grant Funded Projects</b>											
<b>► Other Federal Aid</b>											
			Boston Region		Other Federal Aid		HPP	\$ -	\$ -	\$ -	
			Boston Region		Other Federal Aid		HPP	\$ -	\$ -	\$ -	
Other Federal Aid subtotal ►								\$ -	\$ -	\$ -	◄ Funding Split Varies by Funding Source
<b>► Section 2A / State Prioritized Reliability Projects</b>											
<b>► Bridge Program / Inspections</b>											
	Bridge Program		Boston Region		Bridge Inspection			\$ -	\$ -	\$ -	
	Bridge Program		Boston Region		Bridge Inspection			\$ -	\$ -	\$ -	
Bridge Program / Inspections subtotal ►								\$ -	\$ -	\$ -	◄ Funding Split Varies by Funding Source
<b>► Bridge Program / Off-System</b>											
	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
<b>► Bridge Program / On-System (NHS)</b>											
	Bridge Program	608614	Boston Region	BOSTON	BOSTON- BRIDGE SUBSTRUCTURE REPAIRS, B-16-179, AUSTIN STREET OVER I-93 RAMPS, MBTA COMMUTER RAIL AND ORANGE LINE	6	NHPP-On	\$ 22,132,800	\$ 17,706,240	\$ 4,426,560	
	Bridge Program	607327	Boston Region	WILMINGTON	WILMINGTON- BRIDGE REPLACEMENT, W-38-002, ROUTE 38 (MAIN STREET) OVER THE B&M RAILROAD	4	NHPP-On	\$ 10,760,960	\$ 8,608,768	\$ 2,152,192	
	Bridge Program	604173	Boston Region	BOSTON	BOSTON- BRIDGE REPLACEMENT, B-16-016, NORTH WASHINGTON STREET OVER THE BOSTON INNER HARBOR	6	NHPP-On	\$ 22,621,004	\$ 18,096,803	\$ 4,524,201	AC Year 6 of 6, Total Cost \$193,058,158
	Bridge Program	604952	Boston Region	Multiple	LYNN- SAUGUS- BRIDGE REPLACEMENT, L-18-016-S-05-008, ROUTE 107 OVER THE SAUGUS RIVER (AKA - BELDEN G. BLY BRIDGE)	4	NHPP-On	\$ 21,746,735	\$ 17,397,388	\$ 4,349,347	AC Year 4 of 5, Total Cost \$74,471,140
	Bridge Program		Boston Region		Bridge Program / On-System (NHS)			\$ -	\$ -	\$ -	
Bridge Program / On-System (NHS) subtotal ►								\$ 77,261,499	\$ 61,809,199	\$ 15,452,300	◄ Funding Split Varies by Funding Source
<b>► Bridge Program / On-System (Non-NHS)</b>											
	Bridge Program	608929	Boston Region	WILMINGTON	WILMINGTON- BRIDGE REPLACEMENT, W-38-003, BUTTERS ROW OVER MBTA	4	NHPP-Off	\$ 5,183,360	\$ 4,146,688	\$ 1,036,672	
	Bridge Program		Boston Region				NHPP-Off	\$ -	\$ -	\$ -	
Bridge Program / On-System (Non-NHS) subtotal ►								\$ 5,183,360	\$ 4,146,688	\$ 1,036,672	◄ 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 ▼ <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>
<b>► Bridge Program / Systematic Maintenance</b>											
	Bridge Program	608866	Boston Region	NEWTON-WESTON	NEWTON- WESTON- STEEL SUPERSTRUCTURE CLEANING (FULL REMOVAL) AND PAINTING OF 3 BRIDGES: N-12-051, W-29-011 & W-29-028	6	NHPP-On	\$ 2,349,900	\$ 1,879,920	\$ 469,980	
Bridge Program / Systematic Maintenance subtotal ►								\$ 2,349,900	\$ 1,879,920	\$ 469,980	◄ Funding Split Varies by Funding Source
<b>► Interstate Pavement</b>											
	Interstate Pavement	608210	Boston Region	Multiple	FOXBOROUGH- PLAINVILLE- WRENTHAM- FRANKLIN I.M. RESURFACING WORK ON I-495	5	NHPP	\$ 11,497,920	\$ 10,348,128	\$ 1,149,792	
Interstate Pavement subtotal ►								\$ 11,497,920	\$ 10,348,128	\$ 1,149,792	◄ 90% Federal + 10% Non-Federal
<b>► Non-Interstate Pavement</b>											
	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	608498	Boston Region	Multiple	HINGHAM- WEYMOUTH- BRAINTREE- RESURFACING AND RELATED WORK ON ROUTE 53	6	NHPP	\$ 7,929,600	\$ 6,343,680	\$ 1,585,920	
	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 ►								\$ 12,307,400	\$ 9,845,920	\$ 2,461,480	◄ 80% Federal + 20% Non-Federal
<b>► Roadway Improvements</b>											
	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
<b>► Safety Improvements</b>											
	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
<b>► Section 2B / State Prioritized Modernization Projects</b>											
<b>► ADA Retrofits</b>											
	ADA Retrofits		Boston Region		ADA Retrofits			\$ -	\$ -	\$ -	
	ADA Retrofits		Boston Region		ADA Retrofits			\$ -	\$ -	\$ -	
ADA Retrofits 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 ▼ <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>
<b>► Intersection Improvements</b>											
	Intersection Improvements	608567	Boston Region	Peabody	PEABODY- IMPROVEMENTS AT ROUTE 114 AT SYLVAN STREET, CROSS STREET, NORTHSHORE 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 subtotal ►								\$ 7,200,000	\$ 6,480,000	\$ 720,000	◀ Funding Split Varies by Funding Source
<b>► Intelligent Transportation Systems</b>											
	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
<b>► Roadway Reconstruction</b>											
	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	Total Federal Participating Cost (TFPC) = \$189,451,000; Total Construction Cost (TCC) = \$270,000,000; AC Yr 1 of 2
	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	Total Federal Participating Cost (TFPC) = \$189,451,000; Total Construction Cost (TCC) = \$270,000,000; AC Yr 1 of 2
Roadway Reconstruction subtotal ►								\$ 39,733,939	\$ 31,787,151	\$ 7,946,788	◀ Funding Split Varies by Funding Source
<b>► Section 2C / State Prioritized Expansion Projects</b>											
<b>► Bicycles and Pedestrians</b>											
	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
<b>► Capacity</b>											
	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
<b>► Section 3 / Planning / Adjustments / Pass-throughs</b>											
<b>► Planning / Adjustments / Pass-throughs</b>											
			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
<b>► Section 4 / Non-Federally Aided Projects</b>											
<b>► Non-Federally Aided Projects</b>											
	Non Federal Aid	607977	Boston Region	Multiple	HOPKINTON- WESTBOROUGH- RECONSTRUCTION OF I-90/I-495 INTERCHANGE	3	NFA	\$ 18,112,483		\$ 18,112,483	Total Federal Participating Cost (TFPC) = \$189,451,000; Total Construction Cost (TCC) = \$270,000,000; AC Yr 1 of 2
	Non-Federally Aided Projects		Boston Region		Non-Federal Aid			\$ -		\$ -	
Non-Federal Aid subtotal ►								\$ 18,112,483		\$ 18,112,483	◀ 100% Non-Federal
<b>2022 Summary</b>											
								TIP Section 1 - 3: ▼	TIP Section 4: ▼	Total of All Projects ▼	
Total ►								\$ 262,644,555	\$ 18,112,483	\$ 280,757,038	◀ Total Spending in Region
Federal Funds ►								\$ 212,248,608		\$ 212,248,608	◀ Total Federal Spending in Region
Non-Federal Funds ►								\$ 50,395,947	\$ 18,112,483	\$ 68,508,430	◀ Total Non-Federal Spending in Region
<small>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: <a href="http://www.massdot.state.ma.us/highway/flaggers/main.aspx">http://www.massdot.state.ma.us/highway/flaggers/main.aspx</a></small>											

**Transportation Improvement Program (TIP)  
Project List (FY2022)**

FTA Program	Project Number	Transit Agency	FTA Activity Line Item	Project Description	Carryover (unobligated)	Federal Funds	State Funds	TDC	Local Funds	Total Cost
<b>5307</b>										
5307	RTD0006607	Cape Ann Transportation Authority	117A00	PREVENTIVE MAINTENANCE	2021 - \$285,000	\$285,000	\$0	\$0	\$71,250	\$356,250
5307	RTD0006608	Cape Ann Transportation Authority	114206	ACQUIRE - SHOP EQUIPMENT	2021 - \$55,000	\$55,000	\$13,750	\$0	\$0	\$68,750
5307	RTD0007097	MetroWest Regional Transit Authority	117C00	NON FIXED ROUTE ADA PARA SERV	2021 - \$1,300,000	\$1,300,000	\$325,000	\$0	\$0	\$1,625,000
5307	RTD0007098	MetroWest Regional Transit Authority	114200	ACQUISITION OF BUS SUPPORT EQUIP/FACILITIES	2021 - \$248,415	\$248,415	\$62,104	\$0	\$0	\$310,519
5307	RTD0007099	MetroWest Regional Transit Authority	113403	TERMINAL, INTERMODAL (TRANSIT) - BLANDIN	2021 - \$150,000	\$150,000	\$37,500	\$0	\$0	\$187,500
5307	RTD0007100	MetroWest Regional Transit Authority	440000	Mobility Management	2021 - \$25,000	\$25,000	\$6,250	\$0	\$0	\$31,250
5307	RTD0007076	Massachusetts Bay Transportation Authority (MBTA)	121200	Revenue Vehicle Program - 5307		\$146,121,933	\$0	\$0	\$36,530,483	\$182,652,416
Subtotal						\$148,185,348	\$444,604	\$0	\$36,601,733	\$185,231,685
<b>5309</b>										
5309	RTD0007339	Massachusetts Bay Transportation Authority (MBTA)	133302	Green Line Extension		\$46,121,000	\$0	\$0	\$46,121,000	\$92,242,000
Subtotal						\$46,121,000	\$0	\$0	\$46,121,000	\$92,242,000
<b>5310</b>										
Subtotal						\$0	\$0	\$0	\$0	\$0
<b>5311</b>										
Subtotal						\$0	\$0	\$0	\$0	\$0
<b>5337</b>										
5337	RTD0007078	Massachusetts Bay Transportation Authority (MBTA)	122405	Bridge & Tunnel Program - 5337		\$80,000,000	\$0	\$0	\$20,000,000	\$100,000,000
5337	RTD0007079	Massachusetts Bay Transportation Authority (MBTA)	123400	Stations and Facilities Program - 5337		\$25,893,004	\$0	\$0	\$6,473,251	\$32,366,255
5337	RTD0007080	Massachusetts Bay Transportation Authority (MBTA)	126301	Signals/Systems Upgrade Program - 5337		\$40,000,000	\$0	\$0	\$10,000,000	\$50,000,000
Subtotal						\$145,893,004	\$0	\$0	\$36,473,251	\$182,366,255
<b>5339</b>										
5339	RTD0007081	Massachusetts Bay Transportation Authority (MBTA)	111400	Bus Program - 5339		\$5,683,653	\$0	\$0	\$1,420,913	\$7,104,566
Subtotal						\$5,683,653	\$0	\$0	\$1,420,913	\$7,104,566
<b>5320</b>										
Subtotal						\$0	\$0	\$0	\$0	\$0
<b>Other Federal</b>										
Subtotal						\$0	\$0	\$0	\$0	\$0
<b>Other Non-Federal</b>										
Subtotal						\$0	\$0	\$0	\$0	\$0
Total						\$345,883,005	\$444,604	\$0	\$120,616,897	\$466,944,506

Funds listed under the Carry Over column are included in the Federal Amount

**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) eamark details; h) TAP project proponent; i) other information
<b>► Section 1A / Regionally Prioritized Projects</b>											
<b>► Regionally Prioritized Projects</b>											
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
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

**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) eamark details; h) TAP project proponent; i) other information
	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 ▶ \$ 104,915,915 \$ 84,629,560 \$ 20,286,355 ◀ 80% Federal + 20% Non-Federal

▶ Section 1A / Fiscal Constraint Analysis

<b>Total Regional Federal Aid Funds Programmed ▶</b>		<b>\$ 104,915,915</b>	<b>\$ 109,011,849</b>	<b>◀ Total Budget</b>	<b>\$ 4,095,934</b>	<b>Target Funds Available</b>
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.

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	
<b>▶ Section 1B / Earmark or Discretionary Grant Funded Projects</b>												
<b>▶ Other Federal Aid</b>												
			Boston Region		Other Federal Aid		HPP	\$ -	\$ -	\$ -		
			Boston Region		Other Federal Aid		HPP	\$ -	\$ -	\$ -		
								Other Federal Aid subtotal ▶	\$ -	\$ -	\$ -	◀ Funding Split Varies by Funding Source
<b>▶ Section 2A / State Prioritized Reliability Projects</b>												
<b>▶ Bridge Program / Inspections</b>												
	Bridge Program		Boston Region		Bridge Inspection			\$ -	\$ -	\$ -		
	Bridge Program		Boston Region		Bridge Inspection			\$ -	\$ -	\$ -		
								Bridge Program / Inspections subtotal ▶	\$ -	\$ -	\$ -	◀ Funding Split Varies by Funding Source
<b>▶ Bridge Program / Off-System</b>												
	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
<b>▶ Bridge Program / On-System (NHS)</b>												
	Bridge Program	606902	Boston Region	BOSTON	BOSTON- BRIDGE RECONSTRUCTION/REHAB, B-16-181, WEST ROXBURY PARKWAY OVER MBTA	6	NHPP-On	\$ 6,900,000	\$ 5,520,000	\$ 1,380,000		
	Bridge Program	606728	Boston Region	BOSTON	BOSTON- BRIDGE REPLACEMENT B-16-365, BOWKER OVERPASS OVER STORROW DRIVE (EB)	6	NHPP-On	\$ 24,009,700	\$ 19,207,760	\$ 4,801,940		
	Bridge Program	604952	Boston Region	Multiple	LYNN- SAUGUS- BRIDGE REPLACEMENT, L-19-016+S-05-008, ROUTE 107 OVER THE SAUGUS RIVER (AKA - BELDEN G. BLY BRIDGE)	4	NHPP-On	\$ 5,907,595	\$ 4,726,076	\$ 1,181,519	AC Year 5 of 5, Total Cost \$74,471,140	
	Bridge Program		Boston Region				NHPP-On					
								Bridge Program / On-System (NHS) subtotal ▶	\$ 36,817,295	\$ 29,453,836	\$ 7,363,459	◀ Funding Split Varies by Funding Source
<b>▶ Bridge Program / On-System (Non-NHS)</b>												
	Bridge Program	608197	Boston Region	BOSTON	BOSTON- SUPERSTRUCTURE REPLACEMENT, B-16-107, CANTERBURY STREET OVER AMTRAK/MBTA	6	NHPP-Off	\$ 4,678,280	\$ 3,742,624	\$ 935,656		
								Bridge Program / On-System (Non-NHS) subtotal ▶	\$ 4,678,280	\$ 3,742,624	\$ 935,656	◀ 80% Federal + 20% Non-Federal
<b>▶ Bridge Program / Systematic Maintenance</b>												
	Bridge Program	608609	Boston Region	Multiple	NEWTON- WESTWOOD- STEEL SUPERSTRUCTURE CLEANING (FULL REMOVAL) AND PAINTING OF 2 BRIDGES: N-12-056 & W-31-006	6	NHPP-Off	\$ 2,142,857	\$ 1,714,285	\$ 428,571		
								Bridge Program / Systematic Maintenance subtotal ▶	\$ 2,142,857	\$ 1,714,285	\$ 428,571	◀ Funding Split Varies by Funding Source
<b>▶ Interstate Pavement</b>												
	Interstate Pavement		Boston Region		Interstate Pavement			\$ -	\$ -	\$ -		
								Interstate Pavement subtotal ▶	\$ -	\$ -	\$ -	◀ 90% Federal + 10% Non-Federal
<b>▶ Non-Interstate Pavement</b>												
	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) eamark details; h) TAP project proponent; i) other information
<b>► Roadway Improvements</b>											
	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
<b>► Safety Improvements</b>											
	Safety Improvements	609053	Boston Region	Multiple	CANTON-DEDHAM-NORWOOD- HIGHWAY LIGHTING IMPROVEMENTS AT I93 & I95/I28	6	NHPP	\$ 4,000,000	\$ 3,200,000	\$ 800,000	
	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/I28 (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	\$ 5,408,340	\$ 1,045,371	◀ Funding Split Varies by Funding Source
<b>► Section 2B / State Prioritized Modernization Projects</b>											
<b>► ADA Retrofits</b>											
	ADA Retrofits		Boston Region		ADA Retrofits			\$ -	\$ -	\$ -	
	ADA Retrofits		Boston Region		ADA Retrofits			\$ -	\$ -	\$ -	
ADA Retrofits subtotal ►								\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal
<b>► Intersection Improvements</b>											
	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	\$ 2,784,000	\$ 2,505,600	\$ 278,400	
	Intersection Improvements		Boston Region				HSIP	\$ -	\$ -	\$ -	
Intersection Improvements subtotal ►								\$ 6,388,815	\$ 5,749,934	\$ 638,882	◀ Funding Split Varies by Funding Source
<b>► Intelligent Transportation Systems</b>											
	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
<b>► Roadway Reconstruction</b>											
	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	Total Federal Participating Cost (TFPC) = \$189,451,000; Total Construction Cost (TCC) = \$270,000,000; AC Yr 2 of 2
Roadway Reconstruction subtotal ►								\$ 30,000,000	\$ 24,000,000	\$ 6,000,000	◀ 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 ▼ <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) eamark details; h) TAP project proponent; i) other information</small>
<b>► Section 2C / State Prioritized Expansion Projects</b>											
<b>► Bicycles and Pedestrians</b>											
	Bicycles and Pedestrians		Boston Region		Bicycles and Pedestrians			\$ -	\$ -	\$ -	
	Bicycles and Pedestrians		Boston Region		Bicycles and Pedestrians			\$ -	\$ -	\$ -	
	Bicycles and Pedestrians		Boston Region		Bicycles and Pedestrians			\$ -	\$ -	\$ -	
<b>Bicycles and Pedestrians subtotal ►</b>								<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	◀ 80% Federal + 20% Non-Federal
<b>► Capacity</b>											
	Capacity		Boston Region		Capacity			\$ -	\$ -	\$ -	
	Capacity		Boston Region		Capacity			\$ -	\$ -	\$ -	
<b>Capacity subtotal ►</b>								<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	◀ Funding Split Varies by Funding Source
<b>► Section 3 / Planning / Adjustments / Pass-throughs</b>											
<b>► Planning / Adjustments / Pass-throughs</b>											
			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		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		\$ -	\$ -	\$ -	
<b>Other Statewide Items subtotal ►</b>								<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	◀ Funding Split Varies by Funding Source
<b>► Section 4 / Non-Federally Aided Projects</b>											
<b>► Non-Federally Aided Projects</b>											
	Non Federal Aid	607977	Boston Region	Multiple	HOPKINTON- WESTBOROUGH- RECONSTRUCTION OF I-90/I-495 INTERCHANGE	3	NFA	\$ 18,112,483		\$ 18,112,483	Total Federal Participating Cost (TFPC) = \$189,451,000; Total Construction Cost (TCC) = \$270,000,000; AC Yr 2 of 2
	Non-Federally Aided Projects		Boston Region		Non-Federal Aid			\$ -		\$ -	
<b>Non-Federal Aid subtotal ►</b>								<b>\$ 18,112,483</b>	<b>\$ 18,112,483</b>	<b>\$ -</b>	◀ 100% Non-Federal

### 2023 Summary

	TIP Section 1 - 3: ▼	TIP Section 4: ▼	Total of All Projects ▼	
Total ►	\$ 208,608,674	\$ 18,112,483	\$ 226,721,157	◀ Total Spending in Region
Federal Funds ►	\$ 168,468,020	\$ -	\$ 168,468,020	◀ Total Federal Spending in Region
Non-Federal Funds ►	\$ 40,140,654	\$ 18,112,483	\$ 58,253,137	◀ 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>



**Transportation Improvement Program (TIP)  
Project List (FY2023)**

FTA Program	Project Number	Transit Agency	FTA Activity Line Item	Project Description	Carryover (unobligated)	Federal Funds	State Funds	TDC	Local Funds	Total Cost
<b>5307</b>										
5307	RTD0007184	Cape Ann Transportation Authority	117A00	PREVENTIVE MAINTENANCE	2022 - \$285,000	\$285,000	\$0	\$0	\$71,250	\$356,250
5307	RTD0007197	Cape Ann Transportation Authority	111203	Replace Two 30-FT BUS	2019 - \$175,000; 2020 - \$175,000; 2021 - \$175,000; 2022 - \$175,000	\$700,000	\$175,000	\$0	\$0	\$875,000
5307	RTD0007186	Cape Ann Transportation Authority	114403	Rehab/Reno-repave parking lot (match in 24)		\$80,000	\$0	\$0	\$0	\$80,000
5307	RTD0007152	MetroWest Regional Transit Authority	117C00	NON FIXED ROUTE ADA PARA SERV	2022 - \$1,300,000	\$1,300,000	\$325,000	\$0	\$0	\$1,625,000
5307	RTD0007153	MetroWest Regional Transit Authority	114200	ACQUISITION OF BUS SUPPORT EQUIP/FACILITIES	2022 - \$248,415	\$248,415	\$62,104	\$0	\$0	\$310,519
5307	RTD0007155	MetroWest Regional Transit Authority	440000	Mobility Management	2022 - \$25,000	\$25,000	\$6,250	\$0	\$0	\$31,250
5307	RTD0007154	MetroWest Regional Transit Authority	113403	TERMINAL, INTERMODAL (TRANSIT) - BLANDIN	2022 - \$150,000	\$150,000	\$37,500	\$0	\$0	\$187,500
5307	RTD0007363	Massachusetts Bay Transportation Authority (MBTA)	121200	Revenue Vehicle Program - 5307		\$146,121,933	\$0	\$0	\$36,530,483	\$182,652,416
					Subtotal	\$148,910,348	\$605,854	\$0	\$36,601,733	\$186,117,935
<b>5309</b>										
					Subtotal	\$0	\$0	\$0	\$0	\$0
<b>5310</b>										
					Subtotal	\$0	\$0	\$0	\$0	\$0
<b>5311</b>										
					Subtotal	\$0	\$0	\$0	\$0	\$0
<b>5337</b>										
5337	RTD0007373	Massachusetts Bay Transportation Authority (MBTA)	122405	Bridge and Tunnel Program - 5337		\$83,270,751	\$0	\$0	\$20,817,688	\$104,088,439
5337	RTD0007374	Massachusetts Bay Transportation Authority (MBTA)	123402	Elevator and Escalator Program - 5337		\$62,622,254	\$0	\$0	\$15,655,563	\$78,277,817
					Subtotal	\$145,893,005	\$0	\$0	\$36,473,251	\$182,366,256
<b>5339</b>										
5339	RTD0007375	Massachusetts Bay Transportation Authority (MBTA)	111400	Bus Program - 5339		\$5,683,653	\$0	\$0	\$1,420,913	\$7,104,566
					Subtotal	\$5,683,653	\$0	\$0	\$1,420,913	\$7,104,566
<b>5320</b>										
					Subtotal	\$0	\$0	\$0	\$0	\$0
<b>Other Federal</b>										
					Subtotal	\$0	\$0	\$0	\$0	\$0
<b>Other Non-Federal</b>										
					Subtotal	\$0	\$0	\$0	\$0	\$0
					Total	\$300,487,006	\$605,854	\$0	\$74,495,897	\$375,588,757

Funds listed under the Carry Over column are included in the Federal Amount

**MBTA Federal Capital Program**  
**FFY 2018 TIP Amendment and FFY2019-2023 TIP (Federal Share Only)**  
**For Presentation to the Boston MPO on 3/22/2018**

Project Information		FFY18 Amend.	FFY19-23 TIP (Federal Share Only)					FFY18-23	FFY18-23
TIP Program	ALI	FFY18 (Fed. Share) <small>(Incl. Carryover)</small>	FFY19 (Fed. Share)	FFY20 (Fed. Share)	FFY21 (Fed. Share)	FFY22 (Fed. Share)	FFY23 (Fed. Share)	Totals (Fed. Share)	Totals (Fed + Match)

**Section 5307 Funds:**

Revenue Vehicle Program	12.12.00	\$44,583,030	\$57,969,489	\$146,121,933	\$81,761,933	\$146,121,933	\$146,121,933	\$622,680,253	\$778,350,316
Stations and Facilities Program	12.34.00	\$39,600,000	\$18,827,713	\$0	\$0	\$0	\$0	\$58,427,713	\$73,034,641
Elevator and Escalator Program	12.34.02	\$52,886,987	\$2,644,350	\$0	\$0	\$0	\$0	\$55,531,337	\$69,414,171
Signals/Systems Upgrade Program	12.63.01	\$73,840,000	\$64,280,000	\$0	\$64,360,000	\$0	\$0	\$202,480,000	\$253,100,000
		\$210,910,017	\$143,721,552	\$146,121,933	\$146,121,933	\$146,121,933	\$146,121,933	\$939,119,302	\$1,173,899,128

**Section 5337 Funds:**

Revenue Vehicle Program	12.12.00	\$101,870,052	\$0	\$0	\$0	\$0	\$0	\$101,870,052	\$127,337,565
Bridge and Tunnel Program	12.24.05	\$0	\$97,885,318	\$0	\$0	\$80,000,000	\$83,270,751	\$261,156,069	\$326,445,086
Stations and Facilities Program	12.34.00	\$106,601,632	\$8,571,579	\$58,152,291	\$85,893,004	\$25,893,004	\$0	\$285,111,511	\$356,389,388
Elevator and Escalator Program	12.34.02	\$0	\$0	\$27,740,714	\$0	\$0	\$0	\$27,740,714	\$34,675,892
Signals/Systems Upgrade Program	12.63.01	\$86,338,774	\$36,966,421	\$60,000,000	\$60,000,000	\$40,000,000	\$62,622,254	\$345,927,448	\$432,409,310
		\$294,810,458	\$143,423,317	\$145,893,004	\$145,893,004	\$145,893,004	\$145,893,005	\$1,021,805,793	\$1,277,257,242

**Section 5339 Funds:**

Bus Program	11.14.00	\$15,922,022	\$5,562,970	\$5,683,653	\$5,683,653	\$5,683,653	\$5,683,653	\$44,219,605	\$55,274,507
		\$15,922,022	\$5,562,970	\$5,683,653	\$5,683,653	\$5,683,653	\$5,683,653	\$44,219,605	\$55,274,507

**Green Line Extension Funding (FFGA):**

Green Line Extension - New Starts (FFGA)	13.33.02	\$450,000,000	\$150,000,000	\$150,000,000	\$100,000,000	\$46,121,000	\$0	\$896,121,000	\$1,792,242,000
		\$450,000,000	\$150,000,000	\$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	\$0	\$4,273,771	\$5,342,214
Repurposed Bus Earmarks	11.24.01	\$2,039,691	\$0	\$0	\$0	\$0	\$0	\$2,039,691	\$2,549,614
Positive Train Control - RRIF/TIFIA Financing	12.63.01	\$0	\$0	\$0	\$382,000,000	\$0	\$0	\$382,000,000	\$477,500,000
		\$6,313,462	\$0	\$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, all Pre-FFY18 formula funds (not obligated as of 3/22/18) are carried forward into FFY18. 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. FFY18 includes \$450M (\$150M annually for FFY16-18).

MBTA Federal Capital Program - FTA Formula Funds  
 FFY 2018 TIP Amendment and FFY 2019-2023 TIP - Project-Level Backup for Informational Purposes  
 For Presentation to the Boston MPO on 3/22/2018

**Section 5307 - Urbanized Formula Funds**

**5307 - Revenue Vehicle Program**

	Federal Share	MBTA Match	Total
Commuter Rail Locomotive Reliability Program	\$12,209,200	\$3,052,300	\$15,261,500
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
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 32 Neoplan 60' DMA Buses (5307)	\$5,487,501	\$1,371,875	\$6,859,376
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)	\$14,041,654	\$3,510,413	\$17,552,067
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	\$33,720,350	\$8,430,088	\$42,150,438
	\$622,680,253	\$155,670,063	\$778,350,316

**5307 - Stations and Facilities Program**

	Federal Share	MBTA Match	Total
Bus Route Safety and Service Improvements	\$6,000,000	\$1,500,000	\$7,500,000
Charlestown Bus - Seawall Rehab	\$17,645,441	\$4,411,360	\$22,056,801
Iron Horse Operations Control Center	\$32,000,000	\$8,000,000	\$40,000,000
TIP Program Allowance	\$2,782,272	\$695,568	\$3,477,840
	\$58,427,713	\$14,606,928	\$73,034,641

**5307 - Elevator and Escalator Program**

	Federal Share	MBTA Match	Total
Elevator Program - BCIL	\$52,886,987	\$13,221,747	\$66,108,734
TIP Program Allowance	\$2,644,349	\$661,087	\$3,305,437
	\$55,531,337	\$13,882,834	\$69,414,171

**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
Systemwide Radio - Public Safety Improvements	\$57,040,000	\$14,260,000	\$71,300,000
TIP Program Allowance	\$9,640,000	\$2,410,000	\$12,050,000
	\$202,480,000	\$50,620,000	\$253,100,000

MBTA Federal Capital Program - FTA Formula Funds  
 FFY 2018 TIP Amendment and FFY 2019-2023 TIP - Project-Level Backup for Informational Purposes  
 For Presentation to the Boston MPO on 3/22/2018

<b>Section 5307 Totals</b>	<b>\$939,119,302</b>	<b>\$234,779,826</b>	<b>\$1,173,899,128</b>
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**Section 5337 - State of Good Repair**

**5337 - Revenue Vehicle Program**

	Federal Share	MBTA Match	Total
Green Line Train Protection	\$95,470,052	\$23,867,513	\$119,337,565
TIP Program Allowance	\$6,400,000	\$1,600,000	\$8,000,000
	<b>\$101,870,052</b>	<b>\$25,467,513</b>	<b>\$127,337,565</b>

**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
	<b>\$261,156,068</b>	<b>\$65,289,017</b>	<b>\$326,445,086</b>

**5337 - Stations and Facilities Program**

	Federal Share	MBTA Match	Total
Braintree and Quincy Adams Garage Rehabilitation	\$64,000,000	\$16,000,000	\$80,000,000
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 (5337)	\$13,044,832	\$3,261,208	\$16,306,041
Hingham Ferry Dock Modification	\$9,668,534	\$2,417,134	\$12,085,668
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
Silver Line Gateway - Phase 2	\$23,956,800	\$5,989,200	\$29,946,000
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	\$4,813,426	\$1,203,356	\$6,016,782
	<b>\$285,111,511</b>	<b>\$71,277,878</b>	<b>\$356,389,388</b>

MBTA Federal Capital Program - FTA Formula Funds  
 FFY 2018 TIP Amendment and FFY 2019-2023 TIP - Project-Level Backup for Informational Purposes  
 For Presentation to the Boston MPO on 3/22/2018

**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	\$1,320,000	\$330,000	\$1,650,000
	<b>\$27,740,714</b>	<b>\$6,935,178</b>	<b>\$34,675,892</b>

**5337 - Signals/Systems Upgrade Program**

	Federal Share	MBTA Match	Total
45 High Street - Data Center Upgrades	\$9,799,244	\$2,449,811	\$12,249,055
Green Line (Non-GLX) Grade Crossings	\$16,800,000	\$4,200,000	\$21,000,000
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	\$258,072,211	\$64,518,053	\$322,590,264
TIP Program Allowance	\$16,440,000	\$4,110,000	\$20,550,000
	<b>\$345,927,449</b>	<b>\$86,481,862</b>	<b>\$432,409,310</b>

**Section 5337 Totals**

<b>\$1,021,805,793</b>	<b>\$255,451,448</b>	<b>\$1,277,257,242</b>
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**Section 5339 - Bus & Bus Facilities**

**5339 - Bus Program**

	Federal Share	MBTA Match	Total
Harvard Square Busway Repairs (5339)	\$5,444,698	\$1,361,175	\$6,805,873
Overhaul of 32 Neoplan 60' DMA Buses (5339)	\$10,477,324	\$2,619,331	\$13,096,655
Procurement of Battery Electric 40 ft Buses and Related infrastructure (5339)	\$28,297,583	\$7,074,396	\$35,371,979
	<b>\$44,219,606</b>	<b>\$11,054,901</b>	<b>\$55,274,507</b>

**Section 5339 Totals**

<b>\$44,219,606</b>	<b>\$11,054,901</b>	<b>\$55,274,507</b>
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MBTA Federal Capital Program - FTA Formula Funds  
 FFY 2018-2023 TIP Project Descriptions - Provided for Informational Purposes  
 For Presentation to the Boston MPO on 3/22/2018

TIP Project Name	Project Description
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**5307 - Revenue Vehicle Program**

Commuter Rail Locomotive Reliability Program	This program will restore coaches and locomotives, beyond their useful life, to a state of good repair to support service and winter resiliency efforts
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.
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 32 Neoplan 60' DMA Buses (5307)	Overhaul of the Neoplan 60' Dual Mode Articulated buses that operate on the MBTA Silver Line Bus Rapid Transit routes.
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.

**5307 - Elevator & Escalator Program**

Elevator Program - BCIL	Elevator improvements at various stations including Alewife, Harvard, Central, Park, Quincy Adams, Tufts, Andrew and Downtown Crossing.
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**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.
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.

MBTA Federal Capital Program - FTA Formula Funds  
 FFY 2018-2023 TIP Project Descriptions - Provided for Informational Purposes  
 For Presentation to the Boston MPO on 3/22/2018

TIP Project Name	Project Description
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**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.
Systemwide Radio - Public Safety Improvements	To replace existing radio system which provides critical two-way communications for the MBTA Transit Police, through a secure and advanced Public Safety - P25 Interoperable Radio System.

**5337 - Revenue Vehicle Program**

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.
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**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

**5337 - Stations and Facilities Program**

Braintree and Quincy Adams Garage Rehabilitation	The full repair and rehabilitation of the Red Line's Quincy Adams Station and Braintree Station parking garages
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).

MBTA Federal Capital Program - FTA Formula Funds  
 FFY 2018-2023 TIP Project Descriptions - Provided for Informational Purposes  
 For Presentation to the Boston MPO on 3/22/2018

TIP Project Name	Project Description
Harvard Square Busway Repairs (5337)	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
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.
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	Work at the Savin Hill Underpass (located between Savin Hill Station and Field Corner Station carrying Ashmont train service) in order to fill and decommission structure and minimize service disruptions.
Silver Line Gateway - Phase 2	Includes the building of a new commuter rail station adjacent to the new Chelsea Bus Rapid Transit (BRT) Station located at the Mystic Mall, as well as decommissioning of the existing Chelsea Commuter Rail Station and signal prioritization.
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.

**5337 - Signals/Systems Upgrade Program**

45 High Street - Data Center Upgrades	Includes new fire suppression/alarm system as well as power, fiber, HVAC and other data center improvements at the MBTA operations center at 45 High Street, Boston.
Green Line (Non-GLX) Grade Crossings	Replacement of existing at-grade crossings at various locations on the B and C branches of the Green Line along Commonwealth Avenue and Beacon Street.



MBTA Federal Capital Program - FTA Formula Funds  
 FFY 2018-2023 TIP Project Descriptions - Provided for Informational Purposes  
 For Presentation to the Boston MPO on 3/22/2018

TIP Project Name	Project Description
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**

Harvard Square Busway Repairs (5339)	Rehabilitation of roadway, drainage and catenary infrastructure at the Harvard Square Busway.
Overhaul of 32 Neoplan 60' DMA Buses (5339)	Overhaul of the Neoplan 60' Dual Mode Articulated buses that operate on the MBTA Silver Line Bus Rapid Transit routes.
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.

**Cape Ann Transportation Authority (CATA):**

**DRAFT FFYs 2019-23 Transportation Improvement Program (TIP) Project List**

Fiscal Year	Federal Program Name	Project #	ALI	Project Name	Project Description	Program	Federal \$	RTACAP \$	Local \$	Carry Over	Total Cost
2019	Section 5307: Urbanized Area Formula	BCG0006599	114220	PREVENTIVE MAINTENANCE	FY19 PM expenses	N/A	\$ 285,000	\$ -	\$ 71,250	2018 - \$285,000	\$ 356,250
2019		BCG0007348	111202	BUY REPLACEMENT 35-FT BUS (2)	ORIGINALLY RTD0004373 (BCG0004373)	RTA: Vehicle Replacement	\$ -	\$ 900,000	\$ -		\$ 900,000
2019	Section 5307: Urbanized Area Formula	BCG0006600	300901	ACQUIRE - SHOP EQ/COMPUTER/SFTWR	COMPUTER UPGRADE AND SOFTWARE MAINTENANCE	RTA: Facility and System Modernization	\$ 55,000	\$ 13,750	\$ -	2018 - \$55,000	\$ 68,750
2020	Section 5307: Urbanized Area Formula	BCG0006602	114220	PREVENTIVE MAINTENANCE	FY20 PM Expenses	N/A	\$ 285,000	\$ -	\$ 71,250	2019 - \$285,000	\$ 356,250
2020	Section 5307: Urbanized Area Formula	BCG0006603	117A00	ACQUIRE - SHOP EQ/COMP/SFTWR		RTA: Facility and System Modernization	\$ 55,000	\$ 13,750	\$ -	2019 - \$55,000	\$ 68,750
2021	Section 5307: Urbanized Area Formula	BCG0006606	442400	ACQUIRE - SHOP EQ/COMP/SFTWR		RTA: Facility and System Modernization	\$ 55,000	\$ 13,750	\$ -	2020 - \$55,000	\$ 68,750
2021	Section 5307: Urbanized Area Formula	BCG0006605	111240	PREVENTIVE MAINTENANCE	FY21 PM expenses	RTA: Facility and Vehicle Maintenance	\$ 285,000	\$ -	\$ 71,250	2020 - \$285,000	\$ 356,250
2022	Section 5307: Urbanized Area Formula	BCG0006607	111240	PREVENTIVE MAINTENANCE	PREVENTIVE MAINTENANCE	N/A	\$ 285,000	\$ -	\$ 71,250	2021 - \$285,000	\$ 356,250
2022	Section 5307: Urbanized Area Formula	BCG0006608	300901	ACQUIRE - SHOP EQUIPMENT	SHOP EQ/COMPUTER/SFTWR	RTA: Facility and System Modernization	\$ 55,000	\$ 13,750	\$ -	2021 - \$55,000	\$ 68,750
2023	Section 5307: Urbanized Area Formula	BCG0007184	442400	PREVENTIVE MAINTENANCE	Preventive Maintenance	RTA: Facility and Vehicle Maintenance	\$ 285,000	\$ -	\$ 71,250	2022 - \$285,000	\$ 356,250
2023	Section 5307: Urbanized Area Formula	BCG0007186	111240	Rehab/Reno-repave parking lot (match in 24)	Complete repaving of CATA's parking lot	RTA: Facility and Vehicle Maintenance	\$ 80,000	\$ -	\$ -		\$ 80,000
2023	Section 5307: Urbanized Area Formula	BCG0007197	111202	Replace Two 30-FT BUS	Replacement of two 30-ft low floor buses that will have reached the end of their	RTA: Vehicle Replacement	\$ 700,000	\$ 175,000	\$ -	2019 - \$175,000; 2020 - \$175,000; 2022 - \$175,000	\$ 875,000

**MetroWest Regional Transit Authority (MWRTA):  
DRAFT FFYs 2019-23 Transportation Improvement Program (TIP) Project List**

Boston Region MPO Meeting,  
March 22, 2018

Fiscal Year	Federal Program Name	Project #	ALI	Project Name	Project Description	Program	Federal \$	RTACAP \$	SCA \$	Carry Over	Total Cost	Notes
2019	Section 5307: Urbanized Area Formula	BCG0007086	117C00	NON FIXED ROUTE ADA PARA SERV	Non Fixed Route ADA Para Service	N/A	\$ 1,300,000	\$ -	\$ 325,000	2018 - \$1,300,000	\$ 1,625,000	
2019	Section 5307: Urbanized Area Formula	BCG0007087	114200	ACQUISITION OF BUS SUPPORT EQUIP/FACILITIES	Customer amenities, facility improvements, tools, equipment, technology	RTA: Facility and Vehicle Maintenance	\$ 248,415	\$ 62,104	\$ -	2018 - \$248,415	\$ 310,519	
2019	Section 5307: Urbanized Area Formula	BCG0007088	440000	Mobility Management	Mobility Management Enhancements/Improvements; IT; Call Center; Travel Training Enhancements/Improvement; Fare Collection Transition	RTA: Facility and Vehicle Maintenance	\$ 25,000	\$ 6,250	\$ -	2018 - \$25,000	\$ 31,250	\$6,250 RTACAP; \$300,000 Unmet 100% RTACAP
2019	Mass DOER	BCG0007148	115320	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	\$ 685,000	\$ -		\$ 1,213,000	Unmet 100% RTACAP
2019		BCG0007151	111215	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	\$ -		\$ 120,000	Unmet 100% RTACAP
2019	Section 5307: Urbanized Area Formula	BCG0003639	113403	TERMINAL, INTERMODAL (TRANSIT) - BLANDIN - Front Entrance	Blandin Enhancements/Improvements; Customer Friendly Ammenities - Front Entrance	RTA: Facility and Vehicle Maintenance	\$ 150,000	\$ 37,500	\$ -	2018 - \$150,000	\$ 187,500	\$37,500 RTACAP; \$400,000 Unmet 100% RTACAP
2020	Section 5307: Urbanized Area Formula	BCG0007089	114200	ACQUISITION OF BUS SUPPORT EQUIP/FACILITIES	Acquisition of Bus Support Equip/Facilities; Additional Bus Accessories	RTA: Facility and Vehicle Maintenance	\$ 248,415	\$ 62,104	\$ -	2019 - \$248,415	\$ 310,519	\$62,104 RTACAP; \$300,000 Unmet 100% RTACAP
2020	Section 5307: Urbanized Area Formula	BCG0007090	440000	Mobility Management	Mobility Management; IT; Call Center; Travel Training Enhancements/Improvements; Fare Collection Transition	RTA: Facility and Vehicle Maintenance	\$ 25,000	\$ 6,250	\$ -	2019 - \$25,000	\$ 31,250	\$6,250 RTACAP; \$400,000 Unmet 100% RTACAP
2020	Section 5307: Urbanized Area Formula	BCG0007091	117C00	NON FIXED ROUTE ADA PARA SERV	Non Fixed Route ADA Para Service	N/A	\$ 1,300,000	\$ -	\$ 325,000	2019 - \$1,300,000	\$ 1,625,000	
2020	Section 5307: Urbanized Area Formula	BCG0007092	113403	TERMINAL, INTERMODAL (TRANSIT) - BLANDIN	Blandin Hub Enhancements/Improvements	RTA: Facility and Vehicle Maintenance	\$ 150,000	\$ 37,500	\$ -	2019 - \$150,000	\$ 187,500	\$37,500 RTACAP; \$400,000 Unmet 100% RTACAP
2021	Section 5307: Urbanized Area Formula	BCG0007093	117C00	NON FIXED ROUTE ADA PARA SERV	Non Fixed Route ADA Para Service	N/A	\$ 1,300,000	\$ -	\$ 325,000	2020 - \$1,300,000	\$ 1,625,000	
2021	Section 5307: Urbanized Area Formula	BCG0007094	113403	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	\$ 37,500	\$ -	2020 - \$150,000	\$ 187,500	\$37,500 RTACAP; \$200,000 Unmet 100% RTACAP
2021	Section 5307: Urbanized Area Formula	BCG0007095	114200	ACQUISITION OF BUS SUPPORT EQUIP/FACILITIES	Acquisition of Bus Support Equip/Facilities; Fare Collection Equipment	RTA: Facility and Vehicle Maintenance	\$ 248,415	\$ 62,104	\$ -	2020 - \$248,415	\$ 310,519	\$62,104 RTACAP; \$400,000 Unmet 100% RTACAP
2021	Section 5307: Urbanized Area Formula	BCG0007096	440000	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	\$ 6,250	\$ -	2020 - \$25,000	\$ 31,250	\$6,250 RTACAP; \$400,000 Unmet 100% RTACAP

**MetroWest Regional Transit Authority (MWRTA):  
DRAFT FFYs 2019-23 Transportation Improvement Program (TIP) Project List**

Boston Region MPO Meeting,  
March 22, 2018

Fiscal Year	Federal Program Name	Project #	ALI	Project Name	Project Description	Program	Federal \$	RTACAP \$	SCA \$	Carry Over	Total Cost	Notes
2022	Section 5307: Urbanized Area Formula	BCG0007097	117C00	NON FIXED ROUTE ADA PARA SERV	Non Fixed Route ADA Para Service	N/A	\$ 1,300,000	\$ -	\$ 325,000	2021 - \$1,300,000	\$ 1,625,000	
2022	Section 5307: Urbanized Area Formula	BCG0007098	114200	ACQUISITION OF BUS SUPPORT EQUIP/FACILITIES	Acquisition of Bus Support Equip/Facilities; Additional Bus Accessories	RTA: Facility and Vehicle Maintenance	\$ 248,415	\$ 62,104	\$ -	2021 - \$248,415	\$ 310,519	\$62,104 RTACAP; \$400,000 Unmet 100% RTACAP
2022	Section 5307: Urbanized Area Formula	BCG0007099	113403	TERMINAL, INTERMODAL (TRANSIT) - BLANDIN	Blandin Hub Enhancements/Improvements	RTA: Facility and Vehicle Maintenance	\$ 150,000	\$ 37,500	\$ -	2021 - \$150,000	\$ 187,500	\$37,500 RTACAP; \$200,000 Unmet 100% RTACAP
2022	Section 5307: Urbanized Area Formula	BCG0007100	440000	Mobility Management	Mobility Management; IT; Call Center; Travel Training Enhancements/Improvements; Fare Collection Transition	RTA: Facility and Vehicle Maintenance	\$ 25,000	\$ 6,250	\$ -	2021 - \$25,000	\$ 31,250	\$6,250 RTACAP; \$400,000 Unmet 100% RTACAP
2023	Section 5307: Urbanized Area Formula	BCG0007152	117C00	NON FIXED ROUTE ADA PARA SERV	Non Fixed Route ADA Para Service	N/A	\$ 1,300,000	\$ -	\$ 325,000	2022 - \$1,300,000	\$ 1,625,000	
2023	Section 5307: Urbanized Area Formula	BCG0007153	114200	ACQUISITION OF BUS SUPPORT EQUIP/FACILITIES	Acquisition of Bus Support Equip/Facilities; Additional Bus Accessories	RTA: Facility and Vehicle Maintenance	\$ 248,415	\$ 62,104	\$ -	2022 - \$248,415	\$ 310,519	\$62,104 RTACAP; \$100,000 Unmet 100% RTACAP
2023	Section 5307: Urbanized Area Formula	BCG0007155	440000	Mobility Management	Mobility Management; IT; Call Center; Travel Training Enhancements/Improvements; Fare Collection Transition	RTA: Facility and Vehicle Maintenance	\$ 25,000	\$ 6,250	\$ -	2022 - \$25,000	\$ 31,250	\$6,250 RTACAP; \$400,000 Unmet 100% RTACAP
2023	Section 5307: Urbanized Area Formula	BCG0007154	113403	TERMINAL, INTERMODAL (TRANSIT) - BLANDIN	Blandin Hub Enhancements/Improvements	RTA: Facility and Vehicle Maintenance	\$ 150,000	\$ 37,500	\$ -	2022 - \$150,000	\$ 187,500	\$37,500 RTACAP; \$200,000 Unmet 100% RTACAP