

2019 Boston Region Transportation Improvement Program

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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 ▼ <u>Present</u>
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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	\$ 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 REOUT 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 REOUT 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 REOUT 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 REOUT 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

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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
	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
AMENDMENT/Add Project		605789	Boston Region	Multiple	MIDDLESEX 3 TMA - SECOND SHIFT AND WEEKEND SHUTTLE SERVICE BETWEEN LOWELL AND BURLINGTON	4	STP	\$ 415,000	\$ 290,000	\$ 125,000	To use a portion of remaining Boston MPO target funds.
	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								\$ 97,546,688	\$ 78,767,126	\$ 18,779,562	◀ 80% Federal + 20% Non-Federal

Section 1A / Fiscal Constraint Analysis													
								Total Regional Federal Aid Funds Programmed	\$ 97,546,688	\$ 98,794,261	Total Budget	\$ 1,247,573	Target Funds Available
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 -								STP programmed	\$ 50,343,499	\$ 17,685,279	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	
ADJUSTMENT: Reprogram Funding	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; reprogrammed from FFY 2021. To be used for design.
ADJUSTMENT: Reprogram Funding	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; reprogrammed from FFY 2021. To be used for design.
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	

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AMENDMENT:Add Project	Earmark Discretionary	SLGPH2	Boston Region	CHELSEA	CHELSEA - SILVERLINE GATEWAY PHASE 2	6	HPP	\$ 2,503,688	\$ 2,002,950	\$ 500,738	Repurposed earmark (MA 181). Originally programmed for "Chelsea Roadway Improvements" Earmark has to be obligated by FFY 2019.
AMENDMENT:Add Funding Source	Earmark Discretionary	608562	Boston Region	Somerville	SOMERVILLE- SIGNAL AND INTERSECTION IMPROVEMENT ON I-93 AT MYSTIC AVENUE AND MCGRATH HIGHWAY (TOP 200 CRASH LOCATION)	4	HPP	\$ 500,738	\$ 400,590	\$ 100,148	Earmark (MA 128) repurposed in FFY 2017 from the Study and Design I-93/Mystic Ave. Interchange and not obligated. Reprogramming to FFY 2019. Earmark has to be obligated by FFY 2019.
			Boston Region		Other Federal Aid		HPP	\$ -	\$ -	\$ -	
						Other Federal Aid subtotal ▶		\$ 32,532,858	\$ 26,026,286	\$ 6,506,572	◀ Funding Split Varies by Funding Source
▶ Section 2A / State Prioritized Reliability Projects											
▶ Bridge Program / Inspections											
	Bridge Program		Boston Region		Bridge Inspection			\$ -	\$ -	\$ -	
						Bridge Program / Inspections subtotal ▶		\$ -	\$ -	\$ -	◀ Funding Split Varies by Funding Source
▶ Bridge Program / Off-System											
	Bridge Program	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
▶ Bridge Program / On-System (NHS)											
	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
ADJUSTMENT:Decrease Cost	Bridge Program	604173	Boston Region	BOSTON	BOSTON- BRIDGE REPLACEMENT, B-16-016, NORTH WASHINGTON STREET OVER THE BOSTON INNER HARBOR	6	NHPP-On	\$ 17,915,882	\$ 14,332,706	\$ 3,583,176	AC Year 3 of 6, Total Project Cost = \$193,058,158. Paid down \$5.8 million advanced construction balance from FFY 2018 AR. (Original programmed amount: \$25,184,931; cost decrease includes \$1,453,810 state match)
AMENDMENT:Add Project	Bridge Program	607954	Boston Region	DANVERS	DANVERS - BRIDGE REPLACEMENT, D-03-018, ST 128 OVER WATERS RIVER	4	NHPP-On	\$ 21,644,934	\$ 17,315,947	\$ 4,328,987	Original programmed amount was obligated in FFY 2017 and project was advertised; didn't advance. FFY 2017 obligated amount = \$17.3 million. Only the cost difference (\$4.3 million) counts against the current Obligation Authority.
	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 ▶		\$ 126,132,174	\$ 100,905,739	\$ 25,226,435	◀ Funding Split Varies by Funding Source
▶ Bridge Program / On-System (Non-NHS)											
	Bridge Program		Boston Region		Bridge Program / On-System (Non-NHS)			\$ -	\$ -	\$ -	
						Bridge Program / On-System (Non-NHS) subtotal ▶		\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal
▶ Bridge Program / Systematic Maintenance											
	Bridge Program	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

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► Interstate Pavement											
ADJUSTMENT: Increase Cost / Change Project Description	Interstate Pavement	608219	Boston Region	Multiple	READING- WAKEFIELD- RESURFACING AND RELATED WORK ON I-95 INTERSTATE MAINTENANCE AND RELATED WORK ON I-95	4	NHPP	\$ 4,590,294	\$ 4,131,265	\$ 459,029	Adjust for final design cost. (Original programmed amount: \$4,123,392)
Interstate Pavement subtotal ►								\$ 4,590,294	\$ 4,131,265	\$ 459,029	◀ 90% Federal + 10% Non-Federal
► Non-Interstate Pavement											
	Non-Interstate Pavement	608468	Boston Region	Multiple	PEABODY- DANVERS- RESURFACING AND RELATED WORK ON ROUTE 1	4	NHPP	\$ 11,628,900	\$ 9,303,120	\$ 2,325,780	
ADJUSTMENT: Decrease Cost	Non-Interstate Pavement	608493	Boston Region	Topsfield	TOPSFIELD- RESURFACING AND RELATED WORK ON ROUTE 1	4	NHPP	\$ 2,808,565	\$ 2,527,709	\$ 280,857	Some work completed with Non-Federal Aid (Original programmed amount: \$9,086,000)
	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 ►								\$ 19,962,968	\$ 16,251,231	\$ 3,711,737	◀ 80% Federal + 20% Non-Federal
► Roadway Improvements											
	Roadway Improvements		Boston Region		Roadway Improvements			\$ -	\$ -	\$ -	
	Roadway Improvements		Boston Region		Roadway Improvements			\$ -	\$ -	\$ -	
	Roadway Improvements		Boston Region		Roadway Improvements			\$ -	\$ -	\$ -	
Roadway Improvements subtotal ►								\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal
► Safety Improvements											
	Safety Improvements	608206	Boston Region	Multiple	CHELSEA TO DANVERS- GUIDE AND TRAFFIC SIGN REPLACEMENT ON A SECTION OF US ROUTE 1	4	NHPP	\$ 7,195,084	\$ 6,475,576	\$ 719,508	
	Safety Improvements	608205	Boston Region	Multiple	READING TO LYNNFIELD- GUIDE AND TRAFFIC SIGN REPLACEMENT ON A SECTION OF I-95 (SR 128)	4	NHPP	\$ 4,513,288	\$ 4,061,959	\$ 451,329	
	Safety Improvements	608608	Boston Region	Braintree	BRAINTREE- HIGHWAY LIGHTING IMPROVEMENTS AT I-93/ROUTE 3 INTERCHANGE	6	NHPP	\$ 7,008,503	\$ 6,307,653	\$ 700,850	
Safety Improvements subtotal ►								\$ 18,716,875	\$ 16,845,188	\$ 1,871,688	◀ Funding Split Varies by Funding Source
► Section 2B / State Prioritized Modernization Projects											
► ADA Retrofits											
	ADA Retrofits		Boston Region		ADA Retrofits			\$ -	\$ -	\$ -	
	ADA Retrofits		Boston Region		ADA Retrofits			\$ -	\$ -	\$ -	
ADA Retrofits subtotal ►								\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal
► Intersection Improvements											
	Intersection Improvements	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 ►								\$ 3,474,736	\$ 3,127,263	\$ 347,474	◀ Funding Split Varies by Funding Source

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► Intelligent Transportation Systems											
	Intelligent Transportation Systems		Boston Region		Intelligent Transportation Systems			\$ -	\$ -	\$ -	
	Intelligent Transportation Systems		Boston Region		Intelligent Transportation Systems			\$ -	\$ -	\$ -	
	Intelligent Transportation Systems		Boston Region		Intelligent Transportation Systems			\$ -	\$ -	\$ -	
Intelligent Transportation System subtotal ►								\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal
► Roadway Reconstruction											
	Roadway Reconstruction		Boston Region		Roadway Reconstruction			\$ -	\$ -	\$ -	
	Roadway Reconstruction		Boston Region		Roadway Reconstruction			\$ -	\$ -	\$ -	
	Roadway Reconstruction		Boston Region		Roadway Reconstruction			\$ -	\$ -	\$ -	
	Roadway Reconstruction		Boston Region		Roadway Reconstruction			\$ -	\$ -	\$ -	
Roadway Reconstruction subtotal ►								\$ -	\$ -	\$ -	◀ Funding Split Varies by Funding Source
► Section 2C / State Prioritized Expansion Projects											
► Bicycles and Pedestrians											
	Bicycles and Pedestrians	606223	Boston Region	Multiple	ACTON- CONCORD- BRUCE FREEMAN RAIL TRAIL CONSTRUCTION, INCLUDES REPLACING BRIDGE C-19-037, RAIL TRAIL OVER NASHOBA BROOK, NEW BRIDGE C-19-039, RAIL TRAIL OVER ROUTE 2 & NEW CULVERT C-19-040, ROUTE 2 OVER WILDLIFE CROSSING (PHASE II-B)	4	CMAQ	\$ 9,196,638	\$ 7,357,311	\$ 1,839,328	Construction / PSAC score 31.5
	Bicycles and Pedestrians	606316	Boston Region	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

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► 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 ►	\$ 327,572,684	\$ -	\$ 327,572,684	◀ Total Spending in Region
								Federal Funds ►	\$ 265,746,970	\$ -	\$ 265,746,970	◀ Total Federal Spending in Region
								Non-Federal Funds ►	\$ 61,825,714	\$ -	\$ 61,825,714	◀ 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)**

Indicates a change in project cost										
Indicates removed from TIP (cost not reflected in total)										
Indicates a project moved in from another TIP element										
Indicates a project moved out to another TIP element (cost not reflected in total)										
Indicates a new addition to the TIP (action taken as denoted)										
Indicates a new funding category										
FTA Program	Project Number	Transit Agency	FTA Activity Line Item	Project Description	Carryover (unobligated)	Federal Funds	State Funds	TDC	Local Funds	Total Cost
5307										
	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		\$37,343,662	\$0	\$0	\$9,335,916	\$46,679,578
	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		\$173,792,350	\$0	\$0	\$43,448,088	\$217,240,438
						\$64,280,000			\$16,070,000	\$80,350,000
						\$271,168,916			\$67,347,626	\$338,961,146
				Subtotal		\$145,784,967	\$444,604	\$0	\$36,001,637	\$182,231,208
5309										
	5309 RTD0007082	Massachusetts Bay Transportation Authority (MBTA)	132303	Green Line Extension Project		\$375,000,000	\$0	\$0	\$375,000,000	\$750,000,000
						\$150,000,000			\$150,000,000	\$300,000,000
				Subtotal		\$375,000,000	\$0	\$0	\$375,000,000	\$750,000,000
						\$150,000,000			\$150,000,000	\$300,000,000
5310										
				Subtotal		\$0	\$0	\$0	\$0	\$0
5311										
				Subtotal		\$0	\$0	\$0	\$0	\$0
5337										
	5337 RTD0007059	Massachusetts Bay Transportation Authority (MBTA)	123400	Stations and Facilities Program - 5337		\$165,206,120	\$0	\$0	\$41,301,530	\$206,507,650
						\$8,571,579			\$2,142,895	\$10,714,474
	5337 RTD0007060	Massachusetts Bay Transportation Authority (MBTA)	124400	Signal/Systems Upgrades Program - 5337		\$87,683,331	\$0	\$0	\$21,920,833	\$109,604,164
						\$36,966,421			\$9,241,605	\$46,208,026
	5337 RTD0007368	Massachusetts Bay Transportation Authority (MBTA)	122405	Bridge and Tunnel Program - 5337		\$64,436,597	\$0	\$0	\$16,109,149	\$80,545,746
						\$97,885,318			\$24,471,329	\$122,356,647
				Subtotal		\$317,326,048	\$0	\$0	\$79,331,512	\$396,657,560
						\$143,423,318			\$35,855,829	\$179,279,147
5339										
	5339 RTD0007061	Massachusetts Bay Transportation Authority (MBTA)	111400	Bus Program - 5339		\$12,100,674	\$0	\$0	\$3,025,169	\$15,125,843
						\$5,562,970			\$1,390,743	\$6,953,713
				Subtotal		\$12,100,674	\$0	\$0	\$3,025,169	\$15,125,843
						\$5,562,970			\$1,390,743	\$6,953,713
5320										
				Subtotal		\$0	\$0	\$0	\$0	\$0
Other Federal										

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

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FTA Program	Project Number	Transit Agency	FTA Activity Line Item	Project Description	Carryover (unobligated)	Federal Funds	State Funds	TDC	Local Funds	Total Cost
Other Federal	RTD0008169	Massachusetts Bay Transportation Authority (MBTA)	123305	Hingham Ferry Dock Modification - Other		\$7,050,000	\$0	\$0	\$6,300,000	\$13,350,000
Other Federal	RTD0008170	Massachusetts Bay Transportation Authority (MBTA)	121433	MBTA Ferry Improvements - Other		\$1,065,828	\$0	\$0	\$266,457	\$1,332,285
Other Federal	RTD0008171	Massachusetts Bay Transportation Authority (MBTA)	123311	Quincy Center Bus Terminal - Other		\$4,273,771	\$0	\$0	\$1,068,443	\$5,342,214
				Subtotal		\$12,389,599	\$0	\$0	\$7,634,900	\$20,024,499
Other Non-Federal										
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		\$987,985,237	\$1,464,604	\$0	\$532,339,207	\$1,521,789,048
						\$444,771,255			\$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

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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 ▼ <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	\$ 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 ROUTE 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 ROUTE 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

2020 Boston Region Transportation Improvement Program

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- Indicates a new funding category

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	606226	Boston Region	Boston	BOSTON- RECONSTRUCTION OF RUTHERFORD AVENUE, FROM CITY SQUARE TO SULLIVAN SQUARE	6	STP	\$ 7,000,000	\$ 5,600,000	\$ 1,400,000	Construction; NHPP+STP+TAP Total Cost = \$152,000,000; AC Yr 1 of 5; Total funding in this TIP = \$116,626,515; MPO Evaluation Score = 59
	Roadway Reconstruction	604123	Boston Region	Ashland	ASHLAND- RECONSTRUCTION ON ROUTE 126 (POND STREET), FROM THE FRAMINGHAM T.L. TO THE HOLLISTON T.L.	3	CMAQ	\$ 1,000,000	\$ 800,000	\$ 200,000	Construction; STP+CMAQ+TAP Total Cost = \$14,094,251; MPO Evaluation Score = 54
	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													
								Total Regional Federal Aid Funds Programmed ▶	\$ 102,478,643	\$ 102,478,656	◀ Total Budget	\$ 13	Target Funds Available
								STP programmed ▶	\$ 65,414,012	\$ 52,331,210	◀ STP		
								HSIP programmed ▶	\$ 4,094,406	\$ 3,684,965	◀ HSIP		
								CMAQ programmed ▶	\$ 28,280,895	\$ 22,624,716	◀ CMAQ		
								TAP programmed ▶	\$ 4,689,330	\$ 3,751,464	◀ TAP		
<p><small>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.</small></p>													

2020 Boston Region Transportation Improvement Program											
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Indicates a new funding category											
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 1B / Earmark or Discretionary Grant Funded Projects											
► Other Federal Aid											
			Boston Region		Other Federal Aid		HPP	\$ -	\$ -	\$ -	
			Boston Region		Other Federal Aid		HPP	\$ -	\$ -	\$ -	
Other Federal Aid subtotal ►								\$ -	\$ -	\$ -	◀ Funding Split Varies by Funding Source
► Section 2A / State Prioritized Reliability Projects											
► Bridge Program / Inspections											
	Bridge Program		Boston Region		Bridge Inspection			\$ -	\$ -	\$ -	
Bridge Program / Inspections subtotal ►								\$ -	\$ -	\$ -	◀ Funding Split Varies by Funding Source
► Bridge Program / Off-System											
	Bridge Program		Boston Region		Bridge Program / Off-System			\$ -	\$ -	\$ -	
Bridge Program / Off-System subtotal ►								\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal
► Bridge Program / On-System (NHS)											
	Bridge Program	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
► Bridge Program / On-System (Non-NHS)											
	Bridge Program		Boston Region				NHPP-Off	\$ -	\$ -	\$ -	
Bridge Program / On-System (Non-NHS) subtotal ►								\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal
► Bridge Program / Systematic Maintenance											
	Bridge Program		Boston Region		Bridge Program / Systematic Maintenance			\$ -	\$ -	\$ -	
Bridge Program / Systematic Maintenance subtotal ►								\$ -	\$ -	\$ -	◀ Funding Split Varies by Funding Source
► Interstate Pavement											
	Interstate Pavement	608208	Boston Region	Multiple	QUINCY- MILTON- BOSTON INTERSTATE MAINTENANCE AND RELATED WORK ON I-93	6	NHPP	\$ 24,264,576	\$ 21,838,118	\$ 2,426,458	
Interstate Pavement subtotal ►								\$ 24,264,576	\$ 21,838,118	\$ 2,426,458	◀ 90% Federal + 10% Non-Federal

2020 Boston Region Transportation Improvement Program

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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>
► Non-Interstate Pavement											
	Non-Interstate Pavement	609101	Boston Region	Peabody	PEABODY- PAVEMENT PRESERVATION AND RELATED WORK ON ROUTE 128	4	NHPP	\$ 4,712,448	\$ 3,769,958	\$ 942,490	
	Non-Interstate Pavement	608480	Boston Region	Multiple	FOXBOROUGH- WALPOLE- RESURFACING AND RELATED WORK ON US ROUTE 1	5	NHPP	\$ 8,036,933	\$ 6,429,546	\$ 1,607,387	
	Non-Interstate Pavement	608482	Boston Region	Multiple	CAMBRIDGE- SOMERVILLE- RESURFACING AND RELATED WORK ON ROUTE 28	6	NHPP	\$ 8,541,312	\$ 6,833,050	\$ 1,708,262	
	Non-Interstate Pavement	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 ►								\$ 53,590,597	\$ 42,872,478	\$ 10,718,119	◀ 80% Federal + 20% Non-Federal
► Roadway Improvements											
	Roadway Improvements		Boston Region		Roadway Improvements			\$ -	\$ -	\$ -	
	Roadway Improvements		Boston Region		Roadway Improvements			\$ -	\$ -	\$ -	
	Roadway Improvements		Boston Region		Roadway Improvements			\$ -	\$ -	\$ -	
Roadway Improvements subtotal ►								\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal
► Safety Improvements											
	Safety Improvements	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 ►								\$ 12,122,796	\$ 10,910,516	\$ 1,212,280	◀ Funding Split Varies by Funding Source
► Section 2B / State Prioritized Modernization Projects											
► ADA Retrofits											
	ADA Retrofits		Boston Region		ADA Retrofits			\$ -	\$ -	\$ -	
	ADA Retrofits		Boston Region		ADA Retrofits			\$ -	\$ -	\$ -	
ADA Retrofits subtotal ►								\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal

2020 Boston Region Transportation Improvement Program

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Indicates a new funding category

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>
► Intersection Improvements											
	Intersection Improvements	608562	Boston Region	Somerville	SOMERVILLE- SIGNAL AND INTERSECTION IMPROVEMENT ON I-93 AT MYSTIC AVENUE AND MCGRATH HIGHWAY (TOP 200 CRASH LOCATION)	4	HSIP	\$ 5,000,000	\$ 4,500,000	\$ 500,000	
	Intersection Improvements	607342	Boston Region	Milton	MILTON- INTERSECTION & SIGNAL IMPROVEMENTS @ ROUTE 28 (RANDOLPH AVENUE) & CHICKATAWBUT ROAD	6	HSIP	\$ 1,531,200	\$ 1,378,080	\$ 153,120	
	Intersection Improvements	607759	Boston Region	Boston	BOSTON- INTERSECTION & SIGNAL IMPROVEMENTS AT THE VFW PARKWAY & SPRING STREET	6	HSIP	\$ 974,815	\$ 877,334	\$ 97,482	
	Intersection Improvements		Boston Region				HSIP				
	Intersection Improvements		Boston Region				HSIP				
Intersection Improvements subtotal ►								\$ 7,506,015	\$ 6,755,414	\$ 750,602	◀ Funding Split Varies by Funding Source
► Intelligent Transportation Systems											
	Intelligent Transportation Systems		Boston Region		Intelligent Transportation Systems			\$ -	\$ -	\$ -	
	Intelligent Transportation Systems		Boston Region		Intelligent Transportation Systems			\$ -	\$ -	\$ -	
	Intelligent Transportation Systems		Boston Region		Intelligent Transportation Systems			\$ -	\$ -	\$ -	
Intelligent Transportation System subtotal ►								\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal
► Roadway Reconstruction											
	Roadway Reconstruction	608835	Boston Region	Medford	MEDFORD- IMPROVEMENTS AT BROOKS ELEMENTARY SCHOOL (SRTS)	4	TAP	\$ 1,200,000	\$ 960,000	\$ 240,000	
	Roadway Reconstruction	608743	Boston Region	Salem	SALEM- IMPROVEMENTS AT BATES ELEMENTARY SCHOOL (SRTS)	4	TAP	\$ 937,500	\$ 750,000	\$ 187,500	
	Roadway Reconstruction	608791	Boston Region	Winchester	WINCHESTER- IMPROVEMENTS AT VINSON-OWEN ELEMENTARY SCHOOL (SRTS)	4	TAP	\$ 1,666,200	\$ 1,332,960	\$ 333,240	
Roadway Reconstruction subtotal ►								\$ 3,803,700	\$ 3,042,960	\$ 760,740	◀ Funding Split Varies by Funding Source
► Section 2C / State Prioritized Expansion Projects											
► Bicycles and Pedestrians											
	Bicycles and Pedestrians	607888	Boston Region	Multiple	BOSTON- BROOKLINE- MULTI-USE PATH CONSTRUCTION ON NEW FENWAY	6	CMAQ	\$ 1,770,722	\$ 1,416,578	\$ 354,144	Construction / PSAC score 41
Bicycles and Pedestrians subtotal ►								\$ 1,770,722	\$ 1,416,578	\$ 354,144	◀ 80% Federal + 20% Non-Federal
► Capacity											
	Capacity		Boston Region		Capacity			\$ -	\$ -	\$ -	
	Capacity		Boston Region		Capacity			\$ -	\$ -	\$ -	
Capacity subtotal ►								\$ -	\$ -	\$ -	◀ Funding Split Varies by Funding Source

2020 Boston Region Transportation Improvement Program

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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>
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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)**

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FTA Program	Project Number	Transit Agency	FTA Activity Line Item	Project Description	Carryover (unobligated)	Federal Funds	State Funds	TDC	Local Funds	Total Cost
5307										
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		\$96,121,933	\$0	\$0	\$24,030,483	\$120,152,416
				Signals/Systems Upgrade Program -		\$146,121,933			\$36,530,483	\$182,652,416
5307	RTD0008172	Massachusetts Bay Transportation Authority (MBTA)	126301	5307		\$50,000,000	\$0	\$0	\$12,500,000	\$62,500,000
				Subtotal		\$148,185,348	\$444,604	\$0	\$36,601,733	\$185,231,685
5309										
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
5310										
				Subtotal		\$0	\$0	\$0	\$0	\$0
5311										
				Subtotal		\$0	\$0	\$0	\$0	\$0
5337										
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		\$60,000,000	\$0	\$0	\$15,000,000	\$75,000,000
						\$58,152,291			\$14,538,073	\$72,690,364
5337	RTD0007068	Massachusetts Bay Transportation Authority (MBTA)	124400	Signals/Systems Upgrade Program - 5337		\$85,893,004	\$0	\$0	\$21,473,251	\$107,366,255
						\$60,000,000			\$15,000,000	\$75,000,000
				Subtotal		\$145,893,005	\$0	\$0	\$36,473,251	\$182,366,256
5339										
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
5320										
				Subtotal		\$0	\$0	\$0	\$0	\$0
Other Federal										
				Subtotal		\$0	\$0	\$0	\$0	\$0
Other Non-Federal										
				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

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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>
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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

2021 Boston Region Transportation Improvement Program

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	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
	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

	Total Regional Federal Aid Funds Programmed ▶	\$ 104,439,292	\$ 104,552,877	◀ Total Budget	\$ 113,585	Target Funds Available
	STP programmed ▶	\$ 66,308,835	\$ 53,047,068	◀ STP		
	HSIP programmed ▶	\$ 1,000,000	\$ 900,000	◀ HSIP		
	CMAQ programmed ▶	\$ 33,100,000	\$ 26,480,000	◀ CMAQ		
	TAP programmed ▶	\$ 4,030,457	\$ 3,224,366	◀ 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.

2021 Boston Region Transportation Improvement Program

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► Section 1B / Earmark or Discretionary Grant Funded Projects

► Other Federal Aid

ADJUSTMENT: Reprogram Funding	Earmark Discretionary	606226	Boston Region	Boston	BOSTON- RECONSTRUCTION OF RUTHERFORD AVENUE, FROM CITY SQUARE TO SULLIVAN SQUARE	6	HPP	\$ 126,970	\$ 104,576	\$ 26,394	Demo ID MA183; Reprogrammed to FFY 2019 for design funds.
ADJUSTMENT: Reprogram Funding	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; Reprogrammed to FFY 2019 for design funds.
	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 ►								\$ 10,106,180	\$ 8,084,944	\$ 2,021,236	◀ Funding Split Varies by Funding Source

► Section 2A / State Prioritized Reliability Projects

► Bridge Program / Inspections

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

► Bridge Program / Off-System

	Bridge Program	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 ►								\$ 6,295,310	\$ 5,036,248	\$ 1,259,062	◀ 80% Federal + 20% Non-Federal

► Bridge Program / On-System (NHS)

	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 ►								\$ 71,206,275	\$ 56,965,020	\$ 14,241,255	◀ Funding Split Varies by Funding Source

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

	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 ►								\$ 4,511,360	\$ 3,609,088	\$ 902,272	◀ 80% Federal + 20% Non-Federal

2021 Boston Region Transportation Improvement Program

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Indicates a new addition to the TIP (action taken as denoted)

Indicates a new funding category

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>
► Bridge Program / Systematic Maintenance											
	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 ►								\$ 2,304,000	\$ 1,843,200	\$ 460,800	◀ Funding Split Varies by Funding
► Interstate Pavement											
	Interstate Pavement	608378	Boston Region	Multiple	DANVERS- TOPSFIELD- BOXFORD- ROWLEY- INTERSTATE MAINTENANCE AND RELATED WORK ON I-95	4	NHPP	\$ 17,299,744	\$ 15,569,770	\$ 1,729,974	
Interstate Pavement subtotal ►								\$ 17,299,744	\$ 15,569,770	\$ 1,729,974	◀ 90% Federal + 10% Non-Federal
► Non-Interstate Pavement											
	Non-Interstate Pavement	607477	Boston Region	Multiple	LYNNFIELD- PEABODY- RESURFACING AND RELATED WORK ON ROUTE 1	4	NHPP	\$ 7,424,560	\$ 5,939,648	\$ 1,484,912	
Non-Interstate Pavement subtotal ►								\$ 7,424,560	\$ 5,939,648	\$ 1,484,912	◀ 80% Federal + 20% Non-Federal
► Roadway Improvements											
	Roadway Improvements		Boston Region		Roadway Improvements			\$ -	\$ -	\$ -	
	Roadway Improvements		Boston Region		Roadway Improvements			\$ -	\$ -	\$ -	
	Roadway Improvements		Boston Region		Roadway Improvements			\$ -	\$ -	\$ -	
Roadway Improvements subtotal ►								\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal
► Safety Improvements											
	Safety Improvements	609090	Boston Region	Multiple	BOSTON-MILTON-QUINCY- HIGHWAY LIGHTING SYSTEM REPLACEMENT ON I-93, FROM NEPONSET AVENUE TO THE BRAINTREE	6	NHPP	\$ 3,000,000	\$ 2,700,000	\$ 300,000	
	Safety Improvements		Boston Region	Multiple			NHPP	\$ -	\$ -	\$ -	
Safety Improvements subtotal ►								\$ 3,000,000	\$ 2,700,000	\$ 300,000	◀ Funding Split Varies by Funding
► Section 2B / State Prioritized Modernization Projects											
► ADA Retrofits											
	ADA Retrofits		Boston Region		ADA Retrofits			\$ -	\$ -	\$ -	
	ADA Retrofits		Boston Region		ADA Retrofits			\$ -	\$ -	\$ -	
ADA Retrofits subtotal ►								\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal
► Intersection Improvements											
	Intersection Improvements	607761	Boston Region	Swampscott	SWAMPSCOTT- INTERSECTION & SIGNAL IMPROVEMENTS AT SR 1A (PARADISE ROAD) AT SWAMPSCOTT MALL	4	HSIP	\$ 2,000,000	\$ 1,800,000	\$ 200,000	

2021 Boston Region Transportation Improvement Program

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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 ▼
	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 ▶								\$ 7,000,000	\$ 6,300,000	\$ 700,000	◀ Funding Split Varies by Funding
▶ Intelligent Transportation Systems											
	Intelligent Transportation Systems		Boston Region		Intelligent Transportation Systems			\$ -	\$ -	\$ -	
	Intelligent Transportation Systems		Boston Region		Intelligent Transportation Systems			\$ -	\$ -	\$ -	
	Intelligent Transportation Systems		Boston Region		Intelligent Transportation Systems			\$ -	\$ -	\$ -	
Intelligent Transportation System subtotal ▶								\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal
▶ Roadway Reconstruction											
	Roadway Reconstruction	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	
Roadway Reconstruction subtotal ▶								\$ 4,474,347	\$ 3,579,478	\$ 894,869	◀ Funding Split Varies by Funding
▶ Section 2C / State Prioritized Expansion Projects											
▶ Bicycles and Pedestrians											
	Bicycles and Pedestrians	607329	Boston Region	Multiple	WAKEFIELD- LYNNFIELD- RAIL TRAIL EXTENSION, FROM THE GALVIN MIDDLE SCHOOL TO LYNNFIELD/PEABODY T.L.	4	CMAQ	\$ 10,316,559	\$ 8,253,247	\$ 2,063,312	Construction / PSAC score 32.5
Bicycles and Pedestrians subtotal ▶								\$ 10,316,559	\$ 8,253,247	\$ 2,063,312	◀ 80% Federal + 20% Non-Federal
▶ Capacity											
	Capacity		Boston Region		Capacity			\$ -	\$ -	\$ -	
	Capacity		Boston Region		Capacity			\$ -	\$ -	\$ -	
Capacity subtotal ▶								\$ -	\$ -	\$ -	◀ Funding Split Varies by Funding
▶ 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		\$ -	\$ -	\$ -	

2021 Boston Region Transportation Improvement Program

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

▶ Section 4 / Non-Federally Aided Projects

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

2021 Summary

		TIP Section 1 - 3: ▼	TIP Section 4: ▼	Total of All Projects ▼	
Total ▶	\$	248,377,627	-	\$ 248,377,627	◀ Total Spending in Region
Federal Funds ▶	\$	201,532,076	-	\$ 201,532,076	◀ Total Federal Spending in Region
Non-Federal Funds ▶	\$	46,845,551	-	\$ 46,845,551	◀ 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>

Endorsed May 24, 2018

Revised December 19, 2018

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

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Indicates a new funding category										
FTA Program	Project Number	Transit Agency	FTA Activity Line Item	Project Description	Carryover (unobligated)	Federal Funds	State Funds	TDC	Local Funds	Total Cost
5307										
	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		\$83,081,933	\$0	\$0	\$20,770,483	\$103,852,416
	5307 RTD0007371	Massachusetts Bay Transportation Authority (MBTA)	126301	Signals/Systems Upgrade Program - 5307		\$50,000,000	\$0	\$0	\$12,500,000	\$62,500,000
	5307 RTD0008174	Massachusetts Bay Transportation Authority (MBTA)	123400	Stations and Facilities Program - 5307		\$13,040,000	\$0	\$0	\$3,260,000	\$16,300,000
				Subtotal		\$148,185,348	\$444,604	\$0	\$36,601,733	\$185,231,685
5309										
	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
5310										
				Subtotal		\$0	\$0	\$0	\$0	\$0
5311										
				Subtotal		\$0	\$0	\$0	\$0	\$0
5337										
	5337 RTD0007073	Massachusetts Bay Transportation Authority (MBTA)	123400	Stations and Facilities Program - 5337		\$59,687,056	\$0	\$0	\$14,921,764	\$74,608,820
	5337 RTD0007074	Massachusetts Bay Transportation Authority (MBTA)	124400	Signals/Systems Upgrade Program - 5337		\$31,849,075	\$0	\$0	\$7,962,269	\$39,811,344
	5337 RTD0008173	Massachusetts Bay Transportation Authority (MBTA)	122405	Bridge & Tunnel Program - 5337		\$54,356,873	\$0	\$0	\$13,589,218	\$67,946,091
				Subtotal		\$145,893,004	\$0	\$0	\$36,473,251	\$182,366,255
5339										
	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
5320										
				Subtotal		\$0	\$0	\$0	\$0	\$0
Other Federal										
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

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

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FTA Program	Project Number	Transit Agency	FTA Activity Line Item	Project Description	Carryover (unobligated)	Federal Funds	State Funds	TDC	Local Funds	Total Cost
Other Non-Federal					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

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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

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	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 ▶								\$ 106,584,302	\$ 85,530,614	\$ 21,053,688	◀ 80% Federal + 20% Non-Federal

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

[Section 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.

2022 Boston Region Transportation Improvement Program

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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>Present information as follows, if applicable: a) Planning / Design / or Construction; b) total project cost and funding sources used; c) advance construction status; d) MPO project score; e) name of entity receiving a transfer; f) name of entity paying the non-state non-federal match; g) earmark details; h) TAP project proponent; i) other information</small>
► Section 1B / Earmark or Discretionary Grant Funded Projects											
► Other Federal Aid											
			Boston Region		Other Federal Aid		HPP	\$ -	\$ -	\$ -	
			Boston Region		Other Federal Aid		HPP	\$ -	\$ -	\$ -	
Other Federal Aid subtotal ►								\$ -	\$ -	\$ -	◄ Funding Split Varies by Funding Source
► Section 2A / State Prioritized Reliability Projects											
► Bridge Program / Inspections											
	Bridge Program		Boston Region		Bridge Inspection			\$ -	\$ -	\$ -	
	Bridge Program		Boston Region		Bridge Inspection			\$ -	\$ -	\$ -	
Bridge Program / Inspections subtotal ►								\$ -	\$ -	\$ -	◄ Funding Split Varies by Funding Source
► Bridge Program / Off-System											
	Bridge Program		Boston Region		Bridge Program / Off-System			\$ -	\$ -	\$ -	
	Bridge Program		Boston Region		Bridge Program / Off-System			\$ -	\$ -	\$ -	
	Bridge Program		Boston Region		Bridge Program / Off-System			\$ -	\$ -	\$ -	
	Bridge Program		Boston Region		Bridge Program / Off-System			\$ -	\$ -	\$ -	
	Bridge Program		Boston Region		Bridge Program / Off-System			\$ -	\$ -	\$ -	
	Bridge Program		Boston Region		Bridge Program / Off-System			\$ -	\$ -	\$ -	
Bridge Program / Off-System subtotal ►								\$ -	\$ -	\$ -	◄ 80% Federal + 20% Non-Federal
► Bridge Program / On-System (NHS)											
	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
► Bridge Program / On-System (Non-NHS)											
	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

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► Bridge Program / Systematic Maintenance											
	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
► Interstate Pavement											
	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
► Non-Interstate Pavement											
	Non-Interstate Pavement	608817	Boston Region	Multiple	SALEM- LYNN- RESURFACING AND RELATED WORK ON RTE 107	4	NHPP	\$ 2,527,560	\$ 2,022,048	\$ 505,512	
	Non-Interstate Pavement	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
► Roadway Improvements											
	Roadway Improvements	608599	Boston Region	Multiple	CANTON- SHARON- FOXBOROUGH- NORWOOD- WALPOLE- STORMWATER IMPROVEMENTS ALONG ROUTE 1, ROUTE 1A & INTERSTATE 95	5	STP-TE	\$ 526,235	\$ 420,988	\$ 105,247	
	Roadway Improvements		Boston Region		Roadway Improvements			\$ -	\$ -	\$ -	
	Roadway Improvements		Boston Region		Roadway Improvements			\$ -	\$ -	\$ -	
Roadway Improvements subtotal ►								\$ 526,235	\$ 420,988	\$ 105,247	◀ 80% Federal + 20% Non-Federal
► Safety Improvements											
	Safety Improvements		Boston Region		Safety Improvements			\$ -	\$ -	\$ -	
	Safety Improvements		Boston Region		Safety Improvements			\$ -	\$ -	\$ -	
	Safety Improvements		Boston Region		Safety Improvements			\$ -	\$ -	\$ -	
	Safety Improvements		Boston Region		Safety Improvements			\$ -	\$ -	\$ -	
	Safety Improvements		Boston Region		Safety Improvements			\$ -	\$ -	\$ -	
	Safety Improvements		Boston Region		Safety Improvements			\$ -	\$ -	\$ -	
Safety Improvements subtotal ►								\$ -	\$ -	\$ -	◀ Funding Split Varies by Funding Source
► Section 2B / State Prioritized Modernization Projects											
► ADA Retrofits											
	ADA Retrofits		Boston Region		ADA Retrofits			\$ -	\$ -	\$ -	
	ADA Retrofits		Boston Region		ADA Retrofits			\$ -	\$ -	\$ -	
ADA Retrofits subtotal ►								\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal

2022 Boston Region Transportation Improvement Program

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► Intersection Improvements											
	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
► Intelligent Transportation Systems											
	Intelligent Transportation Systems		Boston Region		Intelligent Transportation Systems			\$ -	\$ -	\$ -	
	Intelligent Transportation Systems		Boston Region		Intelligent Transportation Systems			\$ -	\$ -	\$ -	
	Intelligent Transportation Systems		Boston Region		Intelligent Transportation Systems			\$ -	\$ -	\$ -	
Intelligent Transportation System subtotal ►								\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal
► Roadway Reconstruction											
	Roadway Reconstruction	607977	Boston Region	Multiple	HOPKINTON- WESTBOROUGH- RECONSTRUCTION OF I-90/I-495 INTERCHANGE	3	NFP	\$ 27,500,000	\$ 22,000,000	\$ 5,500,000	Total Federal Participating Cost (TFPC) = \$189,451,000; Total Construction Cost (TCC) = \$270,000,000; AC Yr 1 of 6
	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 6
Roadway Reconstruction subtotal ►								\$ 39,733,939	\$ 31,787,151	\$ 7,946,788	◀ Funding Split Varies by Funding Source
► Section 2C / State Prioritized Expansion Projects											
► Bicycles and Pedestrians											
	Bicycles and Pedestrians		Boston Region		Bicycles and Pedestrians			\$ -	\$ -	\$ -	
	Bicycles and Pedestrians		Boston Region		Bicycles and Pedestrians			\$ -	\$ -	\$ -	
	Bicycles and Pedestrians		Boston Region		Bicycles and Pedestrians			\$ -	\$ -	\$ -	
Bicycles and Pedestrians subtotal ►								\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal
► Capacity											
	Capacity		Boston Region		Capacity			\$ -	\$ -	\$ -	
	Capacity		Boston Region		Capacity			\$ -	\$ -	\$ -	
Capacity subtotal ►								\$ -	\$ -	\$ -	◀ Funding Split Varies by Funding Source

2022 Boston Region Transportation Improvement Program

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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>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>
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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	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 6
	Non-Federally Aided Projects		Boston Region		Non-Federal Aid			\$ -		\$ -	
Non-Federal Aid subtotal ▶								\$ 18,112,483		\$ 18,112,483	◀ 100% Non-Federal

2022 Summary

	TIP Section 1 - 3: ▼	TIP Section 4: ▼	Total of All Projects ▼	
Total ▶	\$ 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

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)
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FTA Program	Project Number	Transit Agency	FTA Activity Line Item	Project Description	Carryover (unobligated)	Federal Funds	State Funds	TDC	Local Funds	Total Cost
5307										
	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		\$96,121,933	\$0	\$0	\$24,030,483	\$120,152,416
						\$146,121,933			\$36,530,483	\$182,652,416
	5307 RTD0008176	Massachusetts Bay Transportation Authority (MBTA)	126301	Signals/Systems Upgrade Program - 5307		\$50,000,000	\$0	\$0	\$12,500,000	\$62,500,000
					Subtotal	\$148,185,348	\$444,604	\$0	\$36,601,733	\$185,231,685
5309										
	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
5310										
					Subtotal	\$0	\$0	\$0	\$0	\$0
5311										
					Subtotal	\$0	\$0	\$0	\$0	\$0
5337										
	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		\$85,893,004	\$0	\$0	\$21,473,251	\$107,366,255
						\$40,000,000			\$10,000,000	\$50,000,000
	5337 RTD0008175	Massachusetts Bay Transportation Authority (MBTA)	121200	Revenue Vehicle 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
5339										
	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
5320										
					Subtotal	\$0	\$0	\$0	\$0	\$0
Other Federal										
					Subtotal	\$0	\$0	\$0	\$0	\$0

**Transportation Improvement Program (TIP)
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FTA Program	Project Number	Transit Agency	FTA Activity Line Item	Project Description	Carryover (unobligated)	Federal Funds	State Funds	TDC	Local Funds	Total Cost
Other Non-Federal					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

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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	\$ 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 IMPROVMENTS 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

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 Indicates a new funding category

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 ▼
Roadway Reconstruction		608007	Boston Region	Multiple	COHASSET/SCITUATE - CORRIDOR IMPROVMENTS 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 IMPROVMENTS 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						
Total Regional Federal Aid Funds Programmed ▶		\$ 104,915,915	\$ 109,011,849	◀ Total Budget	\$ 4,095,934	Target Funds Available
STP programmed ▶		\$ 81,514,400	\$ 65,211,520	◀ STP		
HSIP programmed ▶		\$ 6,968,283	\$ 6,271,455	◀ HSIP		
CMAQ programmed ▶		\$ 12,000,000	\$ 9,600,000	◀ CMAQ		
TAP programmed ▶		\$ 4,433,232	\$ 3,546,586	◀ TAP		

Section 1A Instructions: MPO Template Name) Choose Regional Name from dropdown list to populate header and MPO column; Column C) Enter ID from ProjectInfo; Column E) Choose Municipality Name from dropdown list; Column H) Choose the Funding Source being used for the project - if multiple funding sources are being used enter multiple lines; Column I) Enter the total amount of funds being programmed in this fiscal year and for each funding source; Column J) Federal funds autocalculate; 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												
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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>Present information as follows, if applicable: a) Planning / Design / or Construction; b) total project cost and funding sources used; c) advance construction status; d) MPO project score; e) name of entity receiving a transfer; f) name of entity paying the non-state non-federal match; g) earmark details; h) TAP project proponent; i) other information</small>	
► Section 1B / Earmark or Discretionary Grant Funded Projects												
► Other Federal Aid												
			Boston Region		Other Federal Aid		HPP	\$ -	\$ -	\$ -		
			Boston Region		Other Federal Aid		HPP	\$ -	\$ -	\$ -		
								Other Federal Aid subtotal ►	\$ -	\$ -	\$ -	◀ Funding Split Varies by Funding Source
► Section 2A / State Prioritized Reliability Projects												
► Bridge Program / Inspections												
	Bridge Program		Boston Region		Bridge Inspection			\$ -	\$ -	\$ -		
	Bridge Program		Boston Region		Bridge Inspection			\$ -	\$ -	\$ -		
								Bridge Program / Inspections subtotal ►	\$ -	\$ -	\$ -	◀ Funding Split Varies by Funding Source
► Bridge Program / Off-System												
	Bridge Program		Boston Region		Bridge Program / Off-System			\$ -	\$ -	\$ -		
	Bridge Program		Boston Region		Bridge Program / Off-System			\$ -	\$ -	\$ -		
	Bridge Program		Boston Region		Bridge Program / Off-System			\$ -	\$ -	\$ -		
	Bridge Program		Boston Region		Bridge Program / Off-System			\$ -	\$ -	\$ -		
	Bridge Program		Boston Region		Bridge Program / Off-System			\$ -	\$ -	\$ -		
	Bridge Program		Boston Region		Bridge Program / Off-System			\$ -	\$ -	\$ -		
	Bridge Program		Boston Region		Bridge Program / Off-System			\$ -	\$ -	\$ -		
								Bridge Program / Off-System subtotal ►	\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal
► Bridge Program / On-System (NHS)												
	Bridge Program	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-18-016=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
► Bridge Program / On-System (Non-NHS)												
	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
► Bridge Program / Systematic Maintenance												
	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
► Interstate Pavement												
	Interstate Pavement		Boston Region		Interstate Pavement			\$ -	\$ -	\$ -		
								Interstate Pavement subtotal ►	\$ -	\$ -	\$ -	◀ 90% Federal + 10% Non-Federal
► Non-Interstate Pavement												
	Non-Interstate Pavement	608495	Boston Region	Multiple	CONCORD- LINCOLN- LEXINGTON RESURFACING AND RELATED WORK ON ROUTE 2A	4	NHPP	\$ 3,480,000	\$ 2,784,000	\$ 696,000		
	Non-Interstate Pavement	609102	Boston Region	Multiple	WENHAM- MANCHESTER- ESSEX- GLOUCESTER- PAVEMENT PRESERVATION AND RELATED WORK ON ROUTE 128	4	NHPP	\$ 13,731,802	\$ 10,985,442	\$ 2,746,360		
								Non-Interstate Pavement subtotal ►	\$ 17,211,802	\$ 13,769,442	\$ 3,442,360	◀ 80% Federal + 20% Non-Federal

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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>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) esmark details; h) TAP project proponent; i) other information</small>
► Roadway Improvements											
	Roadway Improvements		Boston Region		Roadway Improvements			\$ -	\$ -	\$ -	
	Roadway Improvements		Boston Region		Roadway Improvements			\$ -	\$ -	\$ -	
	Roadway Improvements		Boston Region		Roadway Improvements			\$ -	\$ -	\$ -	
Roadway Improvements subtotal ►								\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal
► Safety Improvements											
	Safety Improvements	609053	Boston Region	Multiple	CANTON-DEDHAM-NORWOOD- HIGHWAY LIGHTING IMPROVEMENTS AT I93 & I95/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
► Section 2B / State Prioritized Modernization Projects											
► ADA Retrofits											
	ADA Retrofits		Boston Region		ADA Retrofits			\$ -	\$ -	\$ -	
	ADA Retrofits		Boston Region		ADA Retrofits			\$ -	\$ -	\$ -	
ADA Retrofits subtotal ►								\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal
► Intersection Improvements											
	Intersection Improvements	608052	Boston Region	Norwood	NORWOOD- INTERSECTION & SIGNAL IMPROVEMENTS AT US 1 (PROVIDENCE HIGHWAY) & MORSE STREET	5	HSIP	\$ 974,815	\$ 877,334	\$ 97,482	
	Intersection Improvements	608564	Boston Region	Watertown	WATERTOWN- INTERSECTION IMPROVEMENTS AT ROUTE 16 AND GALEN STREET	6	HSIP	\$ 2,630,000	\$ 2,367,000	\$ 263,000	
	Intersection Improvements	608566	Boston Region	Marlborough	MARLBOROUGH- IMPROVEMENTS AT ROUTE 20 (EAST MAIN STREET) AT CURTIS AVENUE	3	HSIP	\$ 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
► Intelligent Transportation Systems											
	Intelligent Transportation Systems		Boston Region		Intelligent Transportation Systems			\$ -	\$ -	\$ -	
	Intelligent Transportation Systems		Boston Region		Intelligent Transportation Systems			\$ -	\$ -	\$ -	
	Intelligent Transportation Systems		Boston Region		Intelligent Transportation Systems			\$ -	\$ -	\$ -	
Intelligent Transportation System subtotal ►								\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal
► Roadway Reconstruction											
	Roadway Reconstruction	607977	Boston Region	Multiple	HOPKINTON- WESTBOROUGH- RECONSTRUCTION OF I-90/I-495 INTERCHANGE	3	NFP	\$ 30,000,000	\$ 24,000,000	\$ 6,000,000	Total Federal Participating Cost (TFPC) = \$189,451,000; Total Construction Cost (TCC) = \$270,000,000, AC Yr 2 of 6
Roadway Reconstruction subtotal ►								\$ 30,000,000	\$ 24,000,000	\$ 6,000,000	◀ Funding Split Varies by Funding Source

2023 Boston Region Transportation Improvement Program

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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>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) esmark details; h) TAP project proponent; i) other information</small>
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► Section 2C / State Prioritized Expansion Projects

► Bicycles and Pedestrians												
	Bicycles and Pedestrians		Boston Region		Bicycles and Pedestrians			\$ -	\$ -	\$ -		
	Bicycles and Pedestrians		Boston Region		Bicycles and Pedestrians			\$ -	\$ -	\$ -		
	Bicycles and Pedestrians		Boston Region		Bicycles and Pedestrians			\$ -	\$ -	\$ -		
								Bicycles and Pedestrians subtotal ►	\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal
► Capacity												
	Capacity		Boston Region		Capacity			\$ -	\$ -	\$ -		
	Capacity		Boston Region		Capacity			\$ -	\$ -	\$ -		
								Capacity subtotal ►	\$ -	\$ -	\$ -	◀ Funding Split Varies by Funding Source

► Section 3 / Planning / Adjustments / Pass-throughs

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

► Section 4 / Non-Federally Aided Projects

► Non-Federally Aided Projects											
	Non Federal Aid	607977	Boston Region	Multiple	HOPKINTON- WESTBOROUGH- RECONSTRUCTION OF I-90/I-495 INTERCHANGE	3	NFA	\$ 18,112,483		\$ 18,112,483	Total Federal Participating Cost (TFPC) = \$189,451,000; Total Construction Cost (TCC) = \$270,000,000; AC Yr 2 of 6
	Non-Federally Aided Projects		Boston Region		Non-Federal Aid			\$ -		\$ -	
								Non-Federal Aid subtotal ►	\$ 18,112,483	\$ 18,112,483	◀ 100% Non-Federal

2023 Summary												
								TIP Section 1 - 3: ▼	TIP Section 4: ▼	Total of All Projects ▼		
								Total ►	\$ 208,608,674	\$ 18,112,483	\$ 226,721,157	◀ Total Spending in Region
								Federal Funds ►	\$ 168,468,020	\$ 18,112,483	\$ 186,586,503	◀ Total Federal Spending in Region
								Non-Federal Funds ►	\$ 40,140,654	\$ -	\$ 40,140,654	◀ 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>

Endorsed May 24, 2018

Revised December 19, 2018

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

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FTA Program	Project Number	Transit Agency	FTA Activity Line Item	Project Description	Carryover (unobligated)	Federal Funds	State Funds	TDC	Local Funds	Total Cost
5307										
	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		\$96,567,611	\$0	\$0	\$24,141,903	\$120,709,514
	5307 RTD0008178	Massachusetts Bay Transportation Authority (MBTA)	126301	Signals/Systems Upgrade 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
5309										
				Subtotal		\$0	\$0	\$0	\$0	\$0
5310										
				Subtotal		\$0	\$0	\$0	\$0	\$0
5311										
				Subtotal		\$0	\$0	\$0	\$0	\$0
5337										
	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
	5337 RTD0007977	Massachusetts Bay Transportation Authority (MBTA)	121200	Revenue Vehicle Program - 5307		\$58,118,226	\$0	\$0	\$14,529,557	\$72,647,783
	5337 RTD0008179	Massachusetts Bay Transportation Authority (MBTA)	126301	Signals/Systems Upgrade Program - 5337		\$87,774,778	\$0	\$0	\$21,943,695	\$109,718,473
				Subtotal		\$145,893,005	\$0	\$0	\$36,473,251	\$182,366,256
5339										
	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
5320										
				Subtotal		\$0	\$0	\$0	\$0	\$0

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

- Indicates a change in project cost
- Indicates removed from TIP (cost not reflected in total)
- Indicates a project moved in from another TIP element
- Indicates a project moved out to another TIP element (cost not reflected in total)
- Indicates a new addition to the TIP (action taken as denoted)
- Indicates a new funding category

FTA Program	Project Number	Transit Agency	FTA Activity Line Item	Project Description	Carryover (unobligated)	Federal Funds	State Funds	TDC	Local Funds	Total Cost
Other Federal					Subtotal	\$0	\$0	\$0	\$0	\$0
Other Non-Federal					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

**FFYs 2019-2023 Transportation Improvement Program (TIP)
Table 1: Draft Amendment One Summary: Highway Element**

For Public Review

Project	Proposed Change	Explanation	Section/Funding Source	Overall Changes in TIP Funding		
				From	To	Difference
Adjustment						
606226 ; Boston - Reconstruction of Rutherford Avenue, from City Square to Sullivan Square	REPROGRAM FUNDING	Earmarks reprogrammed from FFY 2021 to FFY 2019; to be used for design.	Section 1B/Earmark or Discretionary Grant Funded Projects	\$8,578,930	\$8,578,930	\$0
608219 ; Reading - Wakefield - Resurfacing and Related Work on I-95	INCREASE COST / CHANGE PROJECT DESCRIPTION	Adjust for final design cost. Project description revised to "Reading-Wakefield- Interstate Maintenance and Related Work on I-95."	Section 2A/Interstate Pavement	\$4,123,392	\$4,590,294	\$466,902
608493 ; Topsfield - Resurfacing and Related Work on Route 1	DECREASE TIP FUNDING	Work completed with non-federal aid.	Section 2A/Non-Interstate Pavement	\$9,086,000	\$2,808,565	(\$6,277,435)
604173 ; Boston - Bridge Replacement, B-16-016, North Washington Street Bridge over the Boston Inner Harbor	DECREASE TIP FUNDING	Paid down \$5,815,239 advance construction balance from FFY 2018 AR; \$7,269,049 decrease in total federal participating construction cost (decrease includes \$1,453,810 state match).	Section 2A/Bridge Program / On-System	\$25,184,931	\$17,915,882	(\$7,269,049)
Amendments						
608562 ; Somerville - Signal and Intersection Improvement on I-93 at Mystic Avenue and McGrath Highway (Top 200 Crash Location)	NEW FUNDING SOURCE	Repurposed earmark (MA 128). Originally repurposed from the Study and Design I-93/Mystic Ave. Interchange at Assembly Sq. to 608562; Signal and Intersection Improvement on I-93 at Mystic Avenue and McGrath Highway and programmed in FFY 2017. Earmark was not obligated; reprogramming to FFY 2019. Earmark has to be obligated by FFY 2019.	Section 1B/Earmark or Discretionary Grant Funded Projects	\$0	\$500,738	\$500,738
N/A ; Middlesex 3 TMA - Second Shift and Weekend Shuttle Service between Lowell and Burlington	NEW PROJECT	To use portion of remaining Boston MPO target funds in FFY 2019. Funds would be used to lease a 25 passenger vehicle with a fixed route service.	Section 1A/Regionally Prioritized Projects	\$0	\$290,000	\$290,000
607954 ; Danvers - Bridge Replacement, D-03-018, ST 128 over Waters River	NEW PROJECT	Original programmed amount was obligated in FFY 2017 and project was advertised; didn't advance. FFY 2017 obligated amount = \$17.3 million. FFY 2017 obligated amount does not count against FFY 2019 Obligation Authority. Only the cost difference counts against current obligation authority (\$4.3 million).	Section 2A/Bridge Program / On-System	\$0	\$21,644,934	\$21,644,934
SLGPH2 ; Chelsea - Silverline Gateway Phase 2	NEW PROJECT	Repurposed earmark (MA 181). Originally programmed for "Chelsea Roadway Improvements" Earmark has to be obligated by FFY 2019.	Section 1B/Earmark or Discretionary Grant Funded Projects	\$0	\$2,503,688	\$2,503,688

FFYs 2019-2023 Transportation Improvement Program
Table 2: Amendment One Summary: Five-Year MBTA Programming

For Public Review

Project	Proposed Change	Explanation	Section/Funding Source	Overall Changes in Funding in TIP		
				From	To	Difference
Five Year MBTA TIP Summary						
Elevator and Escalator Program	CHANGE FUNDING SOURCE	Elevator and Escalator Program now combined with Stations and Facilities.	5307	\$2,644,350	\$0	(\$2,644,350)
Stations and Facilities Program	CHANGE FUNDING SOURCE	Projects transferred from 5337 to 5307 (Harvard Busway, Iron Horse Park OCC).	5307	\$18,827,713	\$50,383,662	\$31,555,949
Revenue Vehicle Program	DECREASE FUNDING	Funding for the procurement of bi-level coaches and Green Line Train Protection shifted from 5307 to 5337. Funds for Post-FFY23 bus procurement costs not obligated until FFY24.	5307	\$578,097,223	\$429,862,899	(\$148,234,325)
Signals/Systems Upgrade Program	INCREASE COST	Commuter Rail Northside ATC and Green Line Track Upgrades added to 5307 program. Systemwide Radio project deferred from FFY18 to FFY19-23.	5307	\$128,640,000	\$373,346,672	\$244,706,672
Elevator and Escalator Program	CHANGE FUNDING SOURCE	Elevator and Escalator Program now combined with Stations and Facilities.	5337	\$90,362,968	\$0	(\$90,362,968)
Revenue Vehicle Program	CHANGE FUNDING SOURCE	Funding for the procurement of bi-level coaches and Green Line Train Protection moved from 5307 to 5337	5337	\$0	\$118,118,226	\$118,118,226
Bridge and Tunnel Program	DECREASE FUNDING	North Station Draw 1 bridge project to be funded by MBTA bonds (not FTA funds) so removed from TIP.	5337	\$261,156,069	\$118,793,470	(\$142,362,599)

FFYs 2019-2023 Transportation Improvement Program
Table 2: Amendment One Summary: Five-Year MBTA Programming

For Public Review

Project	Proposed Change	Explanation	Section/Funding Source	Overall Changes in Funding in TIP		
				From	To	Difference
Signals/Systems Upgrade Program	INCREASE COST	Added projects (e.g., Alewife Crossing, Red Line Interlockings, Work Cars) and carried forward unobligated FFY18 funds into FFY19.	5337	\$196,966,421	\$379,093,192	\$182,126,771
Stations and Facilities Program	INCREASE COST	Added projects (e.g., Lynn Station & Garage), shifted Elevator work here, and moved Silver Line Gateway from FFY18 to FFY19.	5337	\$178,509,878	\$284,893,177	\$106,383,299
Bus Program	INCREASE COST	Carryover of funds into FFY19 for Harvard Square Busway construction.	5339	\$28,297,582	\$34,835,285	\$6,537,703
Green Line Extension (GLX)	INCREASE COST	\$225M of FFGA funds not obligated in FFY18; carried over to FFY19.	5309	\$446,121,000	\$671,121,000	\$225,000,000
Hingham Ferry Dock Modification	INCREASE FUNDING	Funds not obligated in FFY18; carried over into FFY19.	Other Federal Funds	\$0	\$8,050,000	\$8,050,000
MBTA Catamaran Overhauls	INCREASE FUNDING	Funds not obligated in FFY18; carried over into FFY19.	Other Federal Funds	\$0	\$1,065,828	\$1,065,828
Quincy Center Bus Terminal	INCREASE FUNDING	Funds not obligated in FFY18; carried over into FFY19.	Other Federal Funds	\$0	\$4,273,771	\$4,273,771
			Total	\$ 1,929,623,204	\$ 2,473,837,181	\$ 544,213,978

**FFYs 2019-2023 Transportation Improvement Program
Table 3. Draft Amendment One Summary
MBTA Programming Changes by Year**

For Public Review

Amendment Impacts by Year	2019	2020	2021	2022	2023	Grand Total
5307 - Elevator and Escalator Program	\$ (2,644,350)	\$ -	\$ -	\$ -	\$ -	\$ (2,644,350)
5307 - Revenue Vehicle Program	\$ -	\$ (50,000,000)	\$ 1,320,000	\$ (50,000,000)	\$ (49,554,322)	\$ (148,234,322)
5307 - Signals/Systems Upgrade Program	\$ 109,512,350	\$ 50,000,000	\$ (14,360,000)	\$ 50,000,000	\$ 49,554,322	\$ 244,706,672
5307 - Stations and Facilities Program	\$ 18,515,949	\$ -	\$ 13,040,000	\$ -	\$ -	\$ 31,555,949
5337 - Bridge & Tunnel Program	\$ (33,448,721)		\$ 54,356,873	\$ (80,000,000)	\$ (83,270,751)	\$ (142,362,599)
5337 - Elevator and Escalator Program	\$ -	\$ (27,740,714)	\$ -	\$ -	\$ (62,622,254)	\$ (90,362,968)
5337 - Revenue Vehicle Program	\$ -	\$ -	\$ -	\$ 60,000,000	\$ 58,118,226	\$ 118,118,226
5337 - Signals/Systems Upgrade Program	\$ 50,716,910	\$ 25,893,004	\$ (28,150,925)	\$ 45,893,004	\$ 87,774,778	\$ 182,126,771
5337 - Stations and Facilities Program	\$ 156,634,541	\$ 1,847,709	\$ (26,205,948)	\$ (25,893,004)		\$ 106,383,298
5339 - Bus Program	\$ 6,537,704	\$ -	\$ -	\$ -	\$ -	\$ 6,537,704
5309 - Green Line Extension	\$ 225,000,000	\$ -	\$ -	\$ -	\$ -	\$ 225,000,000
Other Federal - Hingham Ferry Dock Modification	\$ 8,050,000	\$ -	\$ -	\$ -	\$ -	\$ 8,050,000
Other Federal - MBTA Catamaran Overhauls	\$ 1,065,828	\$ -	\$ -	\$ -	\$ -	\$ 1,065,828
Other Federal - Quincy Center Bus Terminal	\$ 4,273,771	\$ -	\$ -	\$ -	\$ -	\$ 4,273,771
Total	\$ 544,213,982	\$ (1)	\$ -	\$ -	\$ (1)	\$ 544,213,980

FFYs 2019-2023 Transportation Improvement Program
 Table 4: Transit Amendment One -
 By Project for Informational Purposes

Program Name	TIP Project Name	Federal Amount	Local Amount	Funding Total	Project Description
5307 - Revenue Vehicle		\$ 429,862,898	\$ 107,465,726	\$ 537,328,624	
	DMA Bus Replacement	\$ 82,690,000	\$ 20,672,500	\$ 103,362,500	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.
	LoNo Bus Procurement	\$ 1,587,191	\$ 396,798	\$ 1,983,989	Additional funds for procurement of Battery Electric 60ft Articulated Buses for operation on the Silver Line. This project was initially awarded with competitive grant funds from the Low or No Emission Vehicle Program.
	MBTA Catamaran Overhauls	\$ 6,716,854	\$ 1,679,213	\$ 8,396,067	Replacement of major systems and refurbishment of seating and other customer facing components on two catamarans (Lightning and Flying Cloud).
	Midlife Overhaul Hybrid 60ft Articulated Buses	\$ 12,702,054	\$ 3,175,514	\$ 15,877,568	Overhaul of 25 hybrid buses, brought into service in 2009 and 2010, to enable optimal reliability through the end of their service life.
	Option Order Procurement of Hybrid 40 ft Buses	\$ 121,628,818	\$ 30,407,205	\$ 152,036,023	Procurement of 40-foot buses with hybrid propulsion to replace Emission Controlled Diesel (ECD) buses that have reached the end of their service life.
	Overhaul of 900 Series Bi-Level Coaches	\$ 53,513,655	\$ 13,378,414	\$ 66,892,069	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 40ft Battery Electric Buses and Related Infrastructure	\$ 36,647,584	\$ 9,161,896	\$ 45,809,480	Procurement of Battery Electric 40-ft. buses and supporting infrastructure to serve as a pilot for determining bus propulsion technologies for future procurements. (Funded from both 5307 and 5339.)
	Procurement of 40ft Buses	\$ 78,084,175	\$ 19,521,044	\$ 97,605,219	Procurement of 40-foot electric and hybrid buses for replacement of diesel bus fleet.
	Revenue Vehicle Program Allowance	\$ 1,065,828	\$ 266,457	\$ 1,332,285	Additional funds to support revenue vehicle program projects.
	Targeted Reliability Improvements of Red Line Vehicles	\$ 35,226,739	\$ 8,806,685	\$ 44,033,424	Overhaul and upgrade of selected systems on Red Line fleet vehicles to extend service life until planned replacement.
5307 - Signals/Systems Upgrades		\$ 185,917,924	\$ 46,479,479	\$ 232,397,404	
	Green Line - Central Tunnel Interlocking Signals	\$ 8,329,502	\$ 2,082,375	\$ 10,411,877	Replacement of the existing 25 cycle signal system and associated wayside equipment at Government Center, Copley and Park Street Interlockings. Base funding is in executed federal grant.
	Green Line D Branch Track & Signal Replacement	\$ 81,280,362	\$ 20,320,090	\$ 101,600,453	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.
	Green Line Track Upgrade	\$ 96,308,060	\$ 24,077,014	\$ 120,385,074	Replacement of select track components on the Green Line to bring them to a state of good repair.
5307 - Stations and Facilities		\$ 50,383,661	\$ 12,595,916	\$ 62,979,577	
	Charlestown Bus - Seawall Rehab	\$ 8,202,086	\$ 2,050,522	\$ 10,252,608	Rehabilitation of existing seawall to protect bus maintenance facility from future storm and flooding events.
	Commonwealth Ave Stations Access	\$ 13,040,000	\$ 3,260,000	\$ 16,300,000	Addressing accessibility issues along the B branch of the Green Line along Commonwealth Avenue
	Harvard Sq Busway Repairs - Construction	\$ 2,891,993	\$ 722,998	\$ 3,614,991	Rehabilitation of roadway, drainage and catenary infrastructure at the Harvard Square Busway.
	Iron Horse Operations Control Center	\$ 26,249,582	\$ 6,562,396	\$ 32,811,978	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.
5307 - Signals/Systems		\$ 187,428,750	\$ 46,857,188	\$ 234,285,938	
	ATC Implementation - CR North Side	\$ 187,428,750	\$ 46,857,188	\$ 234,285,938	Design and install automatic train control systems on all MBTA Commuter Rail North Side Lines. Improvements will include increased train traffic capacity and operational reliability on all lines.
5309 - GLX		\$ 671,121,000	\$ 671,121,000	\$ 1,342,242,000	
	Green Line Extension	\$ 671,121,000	\$ 671,121,000	\$ 1,342,242,000	Extension of Green Line light rail service northward to Medford, near Tufts University, and to Union Square in Somerville using a two-branch operation. Service will be operated within existing MBTA Commuter Rail right-of-way.
5337 - Revenue		\$ 118,118,226	\$ 29,529,557	\$ 147,647,782	
	Green Line Train Protection	\$ 18,774,095	\$ 4,693,524	\$ 23,467,619	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.
	Procurement of Bi-Level Coaches	\$ 99,344,131	\$ 24,836,033	\$ 124,180,164	Procurement of bi-level commuter rail coaches to replace existing cars that have exceeded their service life.
5337 - Bridge and Tunnel		\$ 118,793,470	\$ 29,698,367	\$ 148,491,836	
	Bridges - Design	\$ 6,412,886	\$ 1,603,221	\$ 8,016,107	Design for high priority bridge repairs system wide.
	Emergency Bridge Repair	\$ 1,232,459	\$ 308,115	\$ 1,540,574	Repairs to bridges system wide, based on asset condition as determined by system wide inspections.
	Rehabilitation of Six Bridges	\$ 73,360,000	\$ 18,340,000	\$ 91,700,000	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).
	System-wide Bridge Inspection	\$ 10,296,000	\$ 2,574,000	\$ 12,870,000	Inspection of bridge assets system wide for determination of asset condition ratings and subsequent prioritization and scoping for repairs to select bridges.
	System-wide Bridge Inspection and Emergency Bridge Repair Design	\$ 9,815,252	\$ 2,453,813	\$ 12,269,065	Inspection of bridge assets system wide for determination of asset condition ratings and subsequent prioritization and scoping for repairs to select bridges.
	Tunnel Inspection System wide	\$ 8,880,000	\$ 2,220,000	\$ 11,100,000	Inspection to assess condition of transit tunnels system wide.
	Tunnel Rehab	\$ 8,796,873	\$ 2,199,218	\$ 10,996,091	Repair and rehabilitation of transit tunnels system wide.
5337 - Signals/Systems		\$ 379,093,192	\$ 94,773,298	\$ 473,866,490	
	Alewife Crossing Improvements	\$ 10,073,531	\$ 2,518,383	\$ 12,591,914	As part of the Red/Orange Line Infrastructure Improvement Program, this project will involve the upgrade of track switches at Alewife Station and associated retrofits to accommodate these new components.
	Green Line - Central Tunnel Interlocking Signals	\$ 41,480,585	\$ 10,370,146	\$ 51,850,731	Replacement of the existing 25 cycle signal system and associated wayside equipment at Government Center, Copley and Park Street Interlockings. Base funding is in executed federal grant.
	Infrastructure Asset Management	\$ 12,000,000	\$ 3,000,000	\$ 15,000,000	Collection of infrastructure based asset data in order to update MBTA asset management databases, and manage asset and life cycle/risk management practices.
	North Station Terminal Signal Improvements	\$ 24,800,000	\$ 6,200,000	\$ 31,000,000	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.

**FFYs 2019-2023 Transportation Improvement Program
Table 4: Transit Amendment One -
By Project for Informational Purposes**

For Public Review

Program Name	TIP Project Name	Federal Amount	Local Amount	Funding Total	Project Description
5337 - Signals/Systems	Red Line Interlocking Upgrades	\$ 9,600,000	\$ 2,400,000	\$ 12,000,000	Replacement of existing interlocking signal components on the Red Line to bring the assets to a state of good repair.
	Signal Program - Red/Orange Line	\$ 194,339,076	\$ 48,584,769	\$ 242,923,844	Various signal upgrades and improvements along both the Red and Orange Lines
	System-Wide Radio	\$ 55,440,000	\$ 13,860,000	\$ 69,300,000	Replacement of existing radio system for MBTA Police to support critical two-way communication for MBTA Transit Police and to support a secure and interoperable Radio System.
	Vehicle Maintenance Software Upgrade and Business Process Update	\$ 4,160,000	\$ 1,040,000	\$ 5,200,000	Upgrade of vehicle maintenance planning software and related business processes to integrate all existing maintenance databases & systems into one centralized management system to improve Accountability, Transparency and Compliance system wide.
	Work Car Procurement	\$ 27,200,000	\$ 6,800,000	\$ 34,000,000	Procurement of non-revenue maintenance vehicles to support rail operation reliability and maintaining assets in a state of good repair.
5337 - Stations and Facilities		\$ 284,893,176	\$ 71,223,295	\$ 356,116,471	
	Downtown Crossing ADA Elevators Ph 2	\$ 5,926,390	\$ 1,481,598	\$ 7,407,988	Construction of two new redundant elevators, in order to improve accessibility and to provide for future elevator maintenance without rendering the station temporarily inaccessible.
	Elevator Program Multiple Location Design	\$ 23,540,714	\$ 5,885,178	\$ 29,425,892	Design for the installation of new redundant elevators and the replacement of existing elevators system wide.
	Forest Hills Improvement Project	\$ 14,089,763	\$ 3,522,441	\$ 17,612,204	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).
	Lynn Station & Parking Garage Improvements Ph 2	\$ 26,477,132	\$ 6,619,283	\$ 33,096,415	This second phase of the station and parking garage improvement project at Lynn Station will include extensive rehabilitation efforts including, reconstruction of the existing commuter rail platform, upgrade of mechanical and electrical systems at the station, and structural repairs and code compliance retrofits to the garage. Phase I of this project addressed immediate repair needs.
	Natick Center Station Accessibility Project	\$ 1,760,506	\$ 440,126	\$ 2,200,632	Accessibility improvements at the Natick Center commuter rail station on the Frammingham/Worcester Line.
	Newton Commuter Rail Accessibility Study	\$ 16,511,947	\$ 4,127,987	\$ 20,639,934	For a conceptual design and operational analysis study of the Newton commuter rail stations, with additional funding for various accessibility and infrastructure improvements.
	Newton Highlands Green Line Station Accessibility Project	\$ 10,636,354	\$ 2,659,089	\$ 13,295,443	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	\$ 28,232,566	\$ 7,058,142	\$ 35,290,708	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	\$ 1,108,000	\$ 277,000	\$ 1,385,000	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	\$ 9,013,235	\$ 2,253,309	\$ 11,266,544	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.
	Priority Replacement and Redundant Elevator Program	\$ 51,286,504	\$ 12,821,626	\$ 64,108,130	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.
	Silver Line Gateway - Ph 2	\$ 23,956,800	\$ 5,989,200	\$ 29,946,000	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	\$ 920,000	\$ 230,000	\$ 1,150,000	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	\$ 30,615,840	\$ 7,653,960	\$ 38,269,801	Upgrades to the existing Symphony Station on the Green Line in order to provide a modern, accessible, code-compliant facility.
	Winchester Center Station	\$ 27,697,425	\$ 6,924,356	\$ 34,621,781	Renovation and accessibility improvements to Winchester Center Station on the Lowell and Haverhill commuter rail lines.
	Green Line Transformation Project Management Support	\$ 13,120,000	\$ 3,280,000	\$ 16,400,000	Program management support and oversight for reliability, accessibility, and capacity improvements for the Green Line.
5339 - Bus Program		\$ 34,835,286	\$ 8,708,822	\$ 43,544,108	
	Harvard Sq Busway Repairs - Construction	\$ 12,100,674	\$ 3,025,169	\$ 15,125,843	Rehabilitation of roadway, drainage and catenary infrastructure at the Harvard Square Busway.
	Procurement of 40ft Battery Electric Buses and Related Infrastructure	\$ 5,683,653	\$ 1,420,913	\$ 7,104,566	Procurement of Battery Electric 40-ft. buses and supporting infrastructure to serve as a pilot for determining bus propulsion technologies for future procurements. (Funded from both 5307 and 5339.)
	Procurement of 40ft Buses	\$ 17,050,959	\$ 4,262,740	\$ 21,313,699	Procurement of 40-foot electric and hybrid buses for replacement of diesel bus fleet.
Other Federal - Other		\$ 395,389,599	\$ 98,847,400	\$ 494,236,999	
	Hingham Ferry Dock Modification	\$ 8,050,000	\$ 2,012,500	\$ 10,062,500	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.
	MBTA Catamaran Overhauls	\$ 1,065,828	\$ 266,457	\$ 1,332,285	Replacement of major systems and refurbishment of seating and other customer facing components on two catamarans (Lightning and Flying Cloud).
	Positive Train Control (PTC) - RRF/TIFIA Financing	\$ 382,000,000	\$ 95,500,000	\$ 477,500,000	Installation of software and hardware to monitor and control train movements in order to prevent train-to-train collisions, over-speed train derailments, movement through a misaligned switch, and uncontrolled movement through a work zone. Completion of this project will bring the MBTA Commuter Rail System into compliance with federal Positive Train Control mandate.
	Quincy Center Bus Terminal	\$ 4,273,771	\$ 1,068,443	\$ 5,342,214	Construction of a new Quincy Center Bus Terminal and related intermodal enhancements.
Grand Total		\$ 2,855,837,182	\$ 1,217,300,048	\$ 4,073,137,229	

Note: Project budgets and descriptions are preliminary and are provided for informational purposes only. Budget and project scope may evolve as the design phase progresses. Based on project schedule and funding availability, there may be a need to shift projects between funding programs (e.g., from 5337 to 5307).

December 20, 2018

**FEDERAL FISCAL YEARS (FFY) 2019–2023
TRANSPORTATION IMPROVEMENT PROGRAM (TIP)
DRAFT AMENDMENT ONE**

Public Comments



The Commonwealth of Massachusetts

HOUSE OF REPRESENTATIVES
STATE HOUSE, BOSTON 02133-1054

KENNETH I. GORDON
STATE REPRESENTATIVE

21st MIDDLESEX DISTRICT

Vice Chairman
Joint Committee on Election Laws

Committees:
Transportation
Community Development and Small Businesses
Bonding, Capital Expenditures and State Assets

STATE HOUSE, ROOM 466
TEL. (617) 722-2017
FAX. (617) 722-2837
Kenneth.Gordon@MAhouse.gov

November 30, 2018

David Mohler, Chair
Boston Region Metropolitan Planning Organization
State Transportation Building
Ten Park Plaza, Suite 2150
Boston, MA 02116-3968

Re: TIP Amendment One - Middlesex 3 TMA Shuttle Service Between Lowell and Burlington

Dear Mr. Mohler and MPO members,

I write to you to express my support for the Middlesex 3 TMA Shuttle Service between Lowell and Burlington project ("Amendment") included in a draft amendment to the FFY2019 – 2023 Transportation Improvement Program (TIP). Beginning in FFY19, this amendment would provide vital seed capital to the Middlesex 3 Transportation Management Association ("M3TMA") to provide shuttle service to second shift and weekend workers between Lowell and Burlington. Including this project in TIP Amendment One will provide value not only to my district, but to the entire region.

The town of Burlington has experienced tremendous economic growth in the past decade. As Burlington continues to grow, certain business sectors including hotels, restaurants, and retail stores have struggled to. Approximately 600 positions remain unfilled today. These positions could be filled by unemployed residents throughout the region, particularly in Lowell where nearly 2,600 residents do not have access to employment. The barrier to employment for these potential workers is transportation. The Amendment will address that need.

This project represents an innovative approach to workforce development that places emphasis on buy-in from both the public and private sector. While the Amendment will provide seed capital to pilot the service, the business community is committed to ensuring its success as funding responsibility will transfer primarily to the businesses served by the program in subsequent years. It is expected that this project can serve as a model for communities throughout the Commonwealth to address workforce mobility needs in a cost-effective and sustainable manner.

M3TMA has demonstrated the ability to execute transit projects such as this one that improve mobility for employees while addressing the needs of the business community. I have no doubt

that funding this shuttle program will help the business community in my district and residents throughout the region achieve success. I fully support this project and hope to see funding included in the final amendment. Thank you for your consideration and your efforts to support improved transportation in Massachusetts.

Respectfully,

A handwritten signature in blue ink, appearing to read "Ken Gordon", written in a cursive style.

Representative Kenneth I. Gordon
Middlesex 21st District

Cc: Ali Kleyman, Certification Activities Manager

The Lowell Regional Transit Authority (LRTA) requests that the Middlesex 3 Coalition Pilot Shuttle Bus Service be modified. Specifically, the LRTA requests that service not begin until after 7:00 PM during the weekdays and after 6:00 PM on Saturdays. The reason for this request is that the LRTA already provides public transportation service to the Burlington Mall from its Kennedy Bus Center every hour until this time. The LRTA is the designated public transit provider for the Greater Lowell Area and does not want the Middlesex 3 Coalition/TMA service competing against the existing LRTA service.

The LRTA recognizes and appreciates the benefits of providing transportation for employees where none exists, yet requests this modification to the grant request so that both the LRTA and Middlesex 3 Shuttle Bus Service can be successful.

Thank you for your attention to this request.

James H. Scanlan
LRTA Administrator

Cc: LRTA Advisory Board



1 Beacon Street, 16th Floor
Boston, MA 02108

www.aimnet.org | 617.262.1180 | fax 617.536.6785

December 14, 2018

David Mohler, Chair
Boston Regional Metropolitan Planning Organization
State Transportation Building
Ten Park Plaza, Suite 2150
Boston, MA 02116

Re: AIM comments in support of Middlesex 3 TMA Shuttle Service between Lowell and Burlington

Dear Chair Mohler and Boston Region MPO members:

Associated Industries of Massachusetts (AIM), on behalf of our statewide employer members, would like to express our support for language contained within Amendment One to the FFYs 2019-2023 TIP relative to a second shift and weekend shuttle service between Lowell and Burlington.

Our members have consistently named the shortage of qualified workers as the central impediment to the future of our economy. The worker shortage crosses almost every industry, from manufacturers in the Pioneer Valley to software companies in Boston's Innovation District to research and engineering firms on the North Shore. While many factors contribute to these challenges, the high cost of living in Massachusetts and limited public transportation options are major concerns for employers and workers alike.

AIM members from every part of the state have communicated to us the real effects of public programs like transportation on the decisions of workers. Increasingly, our members are concerned that potential employees cannot avail themselves of training and employment opportunities because of the inherent challenges of living and working in different neighborhoods or municipalities.

Many times, these workers are making an economically rational choice. Massachusetts is an expensive place to live. In housing alone, we exceed the national average cost by 24%, according to the U.S. Bureau of Labor Statistics. It is not feasible – under our current housing structure – to commute to work on a daily basis without reasonable accessible to affordable forms of public transportation. In many cases, it is impossible because public transportation schedules do not conform to the needs of shift workers and businesses with extended hours.

The business community recognizes these challenges and will commit their own resources to the project in addition to the seed funding proposed in Amendment One. We believe this is an opportunity for government and business to work together to connect workers and employers across the Commonwealth to facilitate stronger economic development.

The creation of a job and a person's ability to do it weaves together every important aspect of social and economic stability – the desire for a better life, the ability to support a family, the confidence to start a business, and the need to support efficient government management of services like education, healthcare, childcare, and public safety.

Our main goal as an employer-led organization is to develop the best system in the world for educating and training workers with the skills needed to help Massachusetts companies to succeed in a rapidly changing global environment. We cannot achieve these goals as a Commonwealth until Massachusetts is a reasonably affordable place to both live, work, and advance. We believe funding for initiatives like this will help us to overcome the obstacles that stand between us and that goal.

Thank you for the opportunity to provide these comments.

Sincerely,

A handwritten signature in cursive script that reads "Katherine E. Holahan".

Katherine E. Holahan
Vice-President, Government Affairs
Associated Industries of Massachusetts



200 Summit Drive
Suite 400
Burlington, MA 01803

December 18, 2018

Stephanie Cronin
Executive Director
Middlesex 3 Coalition
365 Boston Road
Billerica, MA 01821

Dear Stephanie:

We are aware of the Middlesex 3 Coalition's recent efforts to establish shuttle service between Lowell and Burlington and are sending you this letter to express our support for your work and the implementation of the shuttle.

The Gutierrez Company has developed over two million square feet of commercial office, laboratory and research & development space in Burlington including the recently completed 350,000 square foot MilliporeSigma North American Life Science Hub and the Keurig Dr. Pepper headquarters. Over the years, Gutierrez has also developed several smaller retail shops and restaurants. We recognize the importance of strengthening and growing the retail and dining opportunities to support the area population and workforce. These amenities, in conjunction with hospitality and healthcare services, are critical components to the healthy, growing and thriving economic marketplace in Burlington.

The addition of the M3 shuttle connecting Lowell and Burlington will not only help facilitate the continued success of the regional economy but also provide an opportunity to connect more area residents to employment opportunities. As the economy continues to strengthen, connecting employees with employers is even more important to fill the much needed high-tech and supporting positions alike. We recognize the Lowell-Burlington shuttle will do just that and especially help connect workplace opportunities in Burlington; an area currently underserved by mass transportation services. We support your efforts to bring these increased services to the region and expect they will have a correlated benefit to our tenants and employers in the area.

Thank you for your continued efforts and I look forward to working with you on this endeavor to help fill available jobs in the Burlington area.

Sincerely,
THE GUTIERREZ COMPANY

Scott J. Weiss
Vice President of Development



265 Winn Street
 Suite 302
 Burlington, MA 01803

December 19, 2018

David Mohler, Chair
 Boston Regional Metropolitan Planning Organization
 10 Park Plaza, Suite 2150
 Boston, MA 02116

Dear Chair Mohler and Boston region MPO members,

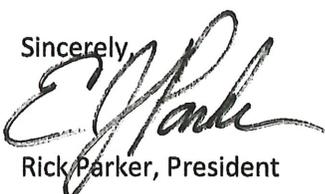
The Burlington Area Chamber of Commerce wholeheartedly supports the proposed Middlesex 3 TMA shuttle service. The following is a statement issued by Burlington restaurants, currently impacted by the lack of an effective transportation solution:

As a restaurant in Burlington, our greatest challenge is the scarcity of employees and difficulties filling open positions. The lack of public or private transit options that specifically meet the night and weekend schedules required in our industry, prevent potential employees from filling job openings. The continued expansion of the restaurant industry in the area adds additional pressure to the extremely difficult situation we are already experiencing.

We strongly support the creation of the Lowell to Burlington shuttle to address the needs of our industry while providing good employment opportunities now and in the future.

Restaurant	General Manager	Restaurant	General Manager
The Capital Grille	Adam Mackler	Rebecca's Café	Juliana Lyman
Buffalo Wild Wings	Brad Hodgson	Redstone American Grill	Matt Hentges
Chopps American Bar & Grill	Bruno Marini	Café Escadrille	Michael Murray Jr.
Seasons 52	Dan Hebenstreit	Atria Longmeadow	Michele Ellis
Jack's Coal Fired Pizza	David Gillis	True North Coffee	Paula Salvucci
Temazcal Tequila Cantina	David Gillis	Osteria Nino	Race Ricard
The Friendly Toast	Douglas Peel	Tuscan Kitchen	Richard Berton
Feng Shui	Frank Zhang	Tont C's Sports Bar and Grill	Richard Irvine
Burton's Grill	Jen Delucia	The Bancroft	Sheena Lake
Hilton Garden Grill and Bar	Josh McDaniel	L'Andana Grille	William Rolfing

We respectfully ask that you approve the funding for this vital initiative.

Sincerely


Rick Parker, President

Burlington Area Chamber of Commerce



December 19, 2018

Ms. Stephanie Cronin, Executive Director
Middlesex 3 Coalition
365 Boston Road
Billerica, MA 01821

Dear Stephanie:

I am writing in support of the Middlesex 3 Coalition's efforts to establish shuttle service between Lowell and Burlington.

Wayside is located at 2-10 Wayside Road in Burlington, and includes 30 shops, services and eateries including L.L. Bean, The Capital Grille, West Elm, Eileen Fisher and Season's 52. While the economy is strong, our tenants have expressed concerns and difficulty in hiring needed staff members.

We support efforts to increase transportation options to Wayside, as the current public transportation is limited, and the times and schedules do not meet our needs. Additional transportation resources, including shuttle service between Lowell to Burlington would be attractive to our tenants who are seeking employees to fill restaurant and retail positions.

I look forward to working with you on this endeavor and helping to fill the available jobs in the Burlington area.

Sincerely,

A handwritten signature in black ink, appearing to read "Thomas V. Wilder", written over a faint, illegible printed name.

Thomas V. Wilder, Principal
The Wilder Companies Ltd.,
as managing agent for Wayside Commons Investors, LLC

TVW/lc



2400 District Avenue
Burlington, MA 01803

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www.natdev.com

December 19, 2018

Stephanie Cronin
Executive Director
Middlesex 3 Coalition
365 Boston Road
Billerica, MA 01821

Dear Stephanie:

I am writing in support of the Middlesex 3 Coalition's efforts to establish shuttle service between Lowell and Burlington.

The District Burlington recently renovated to include a new 170-room Marriott Residence Inn hotel and six new retail spaces and seven new restaurants. While the economy is strong, our tenants have expressed concerns and difficulty in hiring the needed staff members.

We support your efforts to increase transportation options to The District Burlington, as public transportation is limited and the current times and schedules do not meet our needs. Additional transportation resources, including shuttle service between Lowell to Burlington, could be very attractive to our tenants who are seeking employees to fill restaurant and retail positions.

I look forward to working with you on this endeavor and helping to fill the available jobs in the Burlington area.

Sincerely,

A handwritten signature in blue ink that reads 'Allan Luciw'. The signature is fluid and cursive, with a long horizontal stroke extending to the right.

Allan Luciw
Senior Property Manager