

# DRAFT FFYs 2019-23 Transportation Improvement Program (TIP)

## 2019 Boston Region Transportation Improvement Program

Amendment / Adjustment Type ▼	STIP Program ▼	MassDOT Project ID ▼	Metropolitan Planning Organization ▼	Municipality Name ▼	MassDOT Project Description ▼	MassDOT District ▼	Funding Source ▼	Total Programmed Funds ▼	Federal Funds ▼	Non-Federal Funds ▼	Additional Information ▼
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**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

► 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 ROUT 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 ROUT 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 ROUT 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 ROUT 9 (NEWTON)	6	TAP	\$ 1,546,493	\$ 1,237,194	\$ 309,299	Construction; CMAQ+HSIP+TAP+STP Total Cost = \$26,883,332; AC Yr 1 of 2; MPO Evaluation Score = 75; TAP Proponent = MassDOT
Roadway Reconstruction	605034	Boston Region	Natick	NATICK- RECONSTRUCTION OF ROUTE 27 (NORTH MAIN STREET), FROM NORTH AVENUE TO THE WAYLAND T.L.	3	CMAQ	\$ 2,415,334	\$ 1,932,267	\$ 483,067	Construction; CMAQ+TAP+STP Total Cost = \$12,081,464; MPO Evaluation Score = 60
Roadway Reconstruction	605034	Boston Region	Natick	NATICK- RECONSTRUCTION OF ROUTE 27 (NORTH MAIN STREET), FROM NORTH AVENUE TO THE WAYLAND T.L.	3	STP	\$ 8,347,197	\$ 6,677,758	\$ 1,669,439	Construction; CMAQ+TAP+STP Total Cost = \$12,081,464; MPO Evaluation Score = 60
Roadway Reconstruction	605034	Boston Region	Natick	NATICK- RECONSTRUCTION OF ROUTE 27 (NORTH MAIN STREET), FROM NORTH AVENUE TO THE WAYLAND T.L.	3	TAP	\$ 1,318,933	\$ 1,055,146	\$ 263,787	Construction; CMAQ+TAP+STP Total Cost = \$12,081,464; MPO Evaluation Score = 60; TAP Proponent = MassDOT
Roadway Reconstruction	607428	Boston Region	Multiple	HOPEDALE- MILFORD- RESURFACING & INTERSECTION IMPROVEMENTS ON ROUTE 16 (MAIN STREET), FROM WATER STREET WEST TO APPROXIMATELY 120 FEET WEST OF THE MILFORD/HOPEDALE T.L AND THE INTERSECTION OF ROUTE 140.	3	CMAQ	\$ 1,000,000	\$ 800,000	\$ 200,000	Construction; CMAQ+HSIP Total Cost = \$2,967,944; MPO Evaluation Score = 54
Roadway Reconstruction	607428	Boston Region	Multiple	HOPEDALE- MILFORD- RESURFACING & INTERSECTION IMPROVEMENTS ON ROUTE 16 (MAIN STREET), FROM WATER STREET WEST TO APPROXIMATELY 120 FEET WEST OF THE MILFORD/HOPEDALE T.L AND THE INTERSECTION OF ROUTE 140.	3	HSIP	\$ 1,967,944	\$ 1,771,150	\$ 196,794	Construction; CMAQ+HSIP Total Cost = \$2,967,944; MPO Evaluation Score = 54
Roadway Reconstruction	605789	Boston Region	Boston	BOSTON- RECONSTRUCTION OF MELNEA CASS BOULEVARD	6	STP	\$ 7,871,248	\$ 6,296,998	\$ 1,574,250	Construction; STP+Earmark Total Cost = \$25,315,588 ; MPO Evaluation Score = 59

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	Planning / Adjustments / Pass-throughs	608347	Boston Region	Beverly	BEVERLY- INTERSECTION IMPROVEMENTS @ 3 LOCATIONS: CABOT STREET (ROUTE 1A/97) @ DODGE STREET (ROUTE 1A), COUNTY WAY, LONGMEADOW ROAD & SCOTT STREET, MCKAY STREET @ BALCH STREET & VETERANS MEMORIAL BRIDGE (ROUTE 1A) AT RANTOUL, CABOT, WATER & FRONT STREETS	4	CMAQ	\$ 1,520,271	\$ 1,216,217	\$ 304,054	Construction; HSIP+CMAQ Total Cost = \$4,394,886; MPO Evaluation Score = 63
	Planning / Adjustments / Pass-throughs	608347	Boston Region	Beverly	BEVERLY- INTERSECTION IMPROVEMENTS @ 3 LOCATIONS: CABOT STREET (ROUTE 1A/97) @ DODGE STREET (ROUTE 1A), COUNTY WAY, LONGMEADOW ROAD & SCOTT STREET, MCKAY STREET @ BALCH STREET & VETERANS MEMORIAL BRIDGE (ROUTE 1A) AT RANTOUL, CABOT, WATER & FRONT STREETS	4	HSIP	\$ 2,874,615	\$ 2,587,154	\$ 287,462	Construction; HSIP+CMAQ Total Cost = \$4,394,886; MPO Evaluation Score = 63
Regionally Prioritized Projects subtotal ▶								<b>\$ 97,126,008</b>	<b>\$ 78,472,582</b>	<b>\$ 18,653,426</b>	◀ 80% Federal + 20% Non-Federal

▶ Section 1A / Fiscal Constraint Analysis																															
<p><b>Section 1A Instructions:</b> MPO Template Name) Choose Regional Name from dropdown list to populate header and MPO column; <b>Column C)</b> Enter ID from ProjectInfo; <b>Column E)</b> Choose Municipality Name from dropdown list; <b>Column H)</b> Choose the Funding Source being used for the project - if multiple funding sources are being used enter multiple lines; <b>Column I)</b> Enter the total amount of funds being programmed in this fiscal year and for each funding source; <b>Column J)</b> Federal funds autocalculate. Please verify the amount and only change if needed for flex. <b>Column K)</b> Non-federal funds autocalculate. Please verify the split/match - if matching an FTA flex, coordinate with Rail &amp; Transit Division before programming; <b>Column L)</b> Enter Additional Information as described - please do not use any other format.</p>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td><b>Total Regional Federal Aid Funds Programmed ▶</b></td> <td><b>\$ 97,126,008</b></td> <td><b>\$ 98,794,261</b></td> <td><b>◀ Total Budget</b></td> <td><b>\$ 1,668,253</b></td> <td><b>Target Funds Available</b></td> </tr> <tr> <td>STP programmed ▶</td> <td>\$ 49,922,819</td> <td>\$ 17,390,735</td> <td>◀ STP</td> <td></td> <td></td> </tr> <tr> <td>HSIP programmed ▶</td> <td>\$ 7,717,758</td> <td>\$ 6,945,982</td> <td>◀ HSIP</td> <td></td> <td></td> </tr> <tr> <td>CMAQ programmed ▶</td> <td>\$ 36,620,005</td> <td>\$ 29,296,004</td> <td>◀ CMAQ</td> <td></td> <td></td> </tr> <tr> <td>TAP programmed ▶</td> <td>\$ 2,865,426</td> <td>\$ 2,292,341</td> <td>◀ TAP</td> <td></td> <td></td> </tr> </table>	<b>Total Regional Federal Aid Funds Programmed ▶</b>	<b>\$ 97,126,008</b>	<b>\$ 98,794,261</b>	<b>◀ Total Budget</b>	<b>\$ 1,668,253</b>	<b>Target Funds Available</b>	STP programmed ▶	\$ 49,922,819	\$ 17,390,735	◀ STP			HSIP programmed ▶	\$ 7,717,758	\$ 6,945,982	◀ HSIP			CMAQ programmed ▶	\$ 36,620,005	\$ 29,296,004	◀ CMAQ			TAP programmed ▶	\$ 2,865,426	\$ 2,292,341	◀ TAP		
<b>Total Regional Federal Aid Funds Programmed ▶</b>	<b>\$ 97,126,008</b>	<b>\$ 98,794,261</b>	<b>◀ Total Budget</b>	<b>\$ 1,668,253</b>	<b>Target Funds Available</b>																										
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### ▶ Section 1B / Earmark or Discretionary Grant Funded Projects

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

### ▶ Bridge Program / Off-System

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	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 ▶								<b>\$ 6,295,310</b>	<b>\$ 5,036,248</b>	<b>\$ 1,259,062</b>	◀ 80% Federal + 20% Non-Federal
<b>▶ Bridge Program / On-System (NHS)</b>											
AMENDMENT: Move Project - (FROM 2018)	Bridge Program	604952	Boston Region	LYNN	LYNN- SAUGUS- BRIDGE REPLACEMENT, L-18-016=S-05-008, ROUTE 107 OVER THE SAUGUS RIVER (AKA - BELDEN G. BLY BRIDGE)	4	NHPP-On	\$ 14,894,228	\$ 11,915,382	\$ 2,978,846	AC Year 1 of 5, Total Cost \$74,471,140
	Bridge Program	604173	Boston Region	BOSTON	BOSTON- BRIDGE REPLACEMENT, B-16-016, NORTH WASHINGTON STREET OVER THE BOSTON INNER HARBOR	6	NHPP-On	\$ 21,000,000	\$ 16,800,000	\$ 4,200,000	AC Year 3 of 6, Total Cost \$176,318,433
	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 ▶								<b>\$ 107,571,358</b>	<b>\$ 86,057,086</b>	<b>\$ 21,514,272</b>	◀ Funding Split Varies by Funding Source

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<b>► Bridge Program / On-System (Non-NHS)</b>											
	Bridge Program		Boston Region		Bridge Program / On-System (Non-NHS)			\$ -	\$ -	\$ -	
Bridge Program / On-System (Non-NHS) subtotal ►								\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal
<b>► Bridge Program / Systematic Maintenance</b>											
	Bridge Program	608234	Boston Region	RANDOLPH	RANDOLPH- BRIDGE PRESERVATION OF 2 BRIDGES: R-01-005 & R-01-007	6	NHPP-On	\$ 4,984,738	\$ 3,987,791	\$ 996,948	
Bridge Program / Systematic Maintenance subtotal ►								\$ 4,984,738	\$ 3,987,791	\$ 996,948	◀ Funding Split Varies by Funding Source
<b>► Interstate Pavement</b>											
	Interstate Pavement	608219	Boston Region	Multiple	READING- WAKEFIELD- RESURFACING AND RELATED WORK ON I-95	4	NHPP	\$ 4,123,392	\$ 3,711,053	\$ 412,339	
Interstate Pavement subtotal ►								\$ 4,123,392	\$ 3,711,053	\$ 412,339	◀ 90% Federal + 10% Non-Federal
<b>► Non-Interstate Pavement</b>											
	Non-Interstate Pavement	608468	Boston Region	Multiple	PEABODY- DANVERS- RESURFACING AND RELATED WORK ON ROUTE 1	4	NHPP	\$ 11,628,900	\$ 9,303,120	\$ 2,325,780	
	Non-Interstate Pavement	608493	Boston Region	Topsfield	TOPSFIELD- RESURFACING AND RELATED WORK ON ROUTE 1	4	NHPP	\$ 9,086,000	\$ 7,268,800	\$ 1,817,200	
	Non-Interstate Pavement	608467	Boston Region	Marlborough	MARLBOROUGH- RESURFACING AND RELATED WORK ON ROUTE 20	3	NHPP	\$ 14,358,240	\$ 12,922,416	\$ 1,435,824	
	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 ►								\$ 40,598,643	\$ 33,914,738	\$ 6,683,905	◀ 80% Federal + 20% Non-Federal
<b>► Roadway Improvements</b>											
	Roadway Improvements		Boston Region		Roadway Improvements			\$ -	\$ -	\$ -	
	Roadway Improvements		Boston Region		Roadway Improvements			\$ -	\$ -	\$ -	
	Roadway Improvements		Boston Region		Roadway Improvements			\$ -	\$ -	\$ -	
Roadway Improvements subtotal ►								\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal
<b>► Safety Improvements</b>											
	Safety Improvements	608206	Boston Region	Multiple	CHELSEA TO DANVERS- GUIDE AND TRAFFIC SIGN REPLACEMENT ON A SECTION OF US ROUTE 1	4	NHPP	\$ 7,195,084	\$ 6,475,576	\$ 719,508	
	Safety Improvements	608205	Boston Region	Multiple	READING TO LYNNFIELD- GUIDE AND TRAFFIC SIGN REPLACEMENT ON A SECTION OF I-95 (SR 128)	4	NHPP	\$ 4,513,288	\$ 4,061,959	\$ 451,329	
	Safety Improvements	608608	Boston Region	Braintree	BRAINTREE- HIGHWAY LIGHTING IMPROVEMENTS AT I-93/ROUTE 3 INTERCHANGE	6	NHPP	\$ 7,008,503	\$ 6,307,653	\$ 700,850	
Safety Improvements subtotal ►								\$ 18,716,875	\$ 16,845,188	\$ 1,871,688	◀ Funding Split Varies by Funding Source

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#### ► Section 2B / State Prioritized Modernization Projects

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

► Intersection Improvements											
	Intersection Improvements	608755	Boston Region	Boston	BOSTON- INTERSECTION IMPROVEMENTS AT MORTON STREET AND HARVARD STREET	6	HSIP	\$ 1,500,000	\$ 1,350,000	\$ 150,000	
	Intersection Improvements	607249	Boston Region	Sudbury	SUDBURY- INTERSECTION IMPROVEMENTS @ ROUTE 20 & LANDHAM ROAD	3	HSIP	\$ 2,152,521	\$ 1,937,269	\$ 215,252	
Intersection Improvements subtotal ►								\$ 3,652,521	\$ 3,287,269	\$ 365,252	◄ Funding Split Varies by Funding Source

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

► Roadway Reconstruction											
	Roadway Reconstruction		Boston Region		Roadway Reconstruction			\$ -	\$ -	\$ -	
	Roadway Reconstruction		Boston Region		Roadway Reconstruction			\$ -	\$ -	\$ -	
	Roadway Reconstruction		Boston Region		Roadway Reconstruction			\$ -	\$ -	\$ -	
	Roadway Reconstruction		Boston Region		Roadway Reconstruction			\$ -	\$ -	\$ -	
Roadway Reconstruction subtotal ►								\$ -	\$ -	\$ -	◄ Funding Split Varies by Funding Source

#### ► Section 2C / State Prioritized Expansion Projects

► Bicycles and Pedestrians											
	Bicycles and Pedestrians	606223	Boston Region	Multiple	ACTON- CONCORD- BRUCE FREEMAN RAIL TRAIL CONSTRUCTION, INCLUDES REPLACING BRIDGE C-19-037, RAIL TRAIL OVER NASHOBA BROOK, NEW BRIDGE C-19-039, RAIL TRAIL OVER ROUTE 2 & NEW CULVERT C-19-040, ROUTE 2 OVER WILDLIFE CROSSING (PHASE II-B)	4	CMAQ	\$ 9,196,638	\$ 7,357,311	\$ 1,839,328	Construction / PSAC score 31.5
	Bicycles and Pedestrians	606316	Boston Region	Multiple	BROOKLINE- PEDESTRIAN BRIDGE REHABILITATION, B-27-016, OVER MBTA OFF CARLTON STREET	6	CMAQ	\$ 2,939,404	\$ 2,351,523	\$ 587,881	Construction / Total Project Cost \$ 3,690,510 w/ additional funding from earmark at \$751,106
	Bicycles and Pedestrians		Boston Region		Bicycles and Pedestrians			\$ -	\$ -	\$ -	
Bicycles and Pedestrians subtotal ►								\$ 12,136,042	\$ 9,708,834	\$ 2,427,208	◄ 80% Federal + 20% Non-Federal

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<b>► Capacity</b>											
	Capacity		Boston Region		Capacity			\$ -	\$ -	\$ -	
	Capacity		Boston Region		Capacity			\$ -	\$ -	\$ -	
Capacity subtotal ►								\$ -	\$ -	\$ -	◄ Funding Split Varies by Funding Source

### ► Section 3 / Planning / Adjustments / Pass-throughs

<b>► Planning / Adjustments / Pass-throughs</b>											
	Earmark Discretionary	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

<b>► Non-Federally Aided Projects</b>											
	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 ►	\$ 317,354,390	\$ -	\$ 317,354,390	◄ Total Spending in Region
Federal Funds ►	\$ 258,740,391	\$ -	\$ 258,740,391	◄ Total Federal Spending in Region
Non-Federal Funds ►	\$ 58,613,999	\$ -	\$ 58,613,999	◄ 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>

## DRAFT FFYs 2019-23 Transportation Improvement Program (TIP)

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

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

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

## DRAFT FFYs 2019-23 Transportation Improvement Program (TIP)

### 2020 Boston Region Transportation Improvement Program

Amendment / Adjustment Type ▼	STIP Program ▼	MassDOT Project ID ▼	Metropolitan Planning Organization ▼	Municipality Name ▼	MassDOT Project Description ▼	MassDOT District ▼	Funding Source ▼	Total Programmed Funds ▼	Federal Funds ▼	Non-Federal Funds ▼	Additional Information ▼ <i>Present information as follows, if applicable:</i> a) Planning / Design / or Construction; b) total project cost and funding sources used; c) advance construction status; d) MPO project score; e) name of entity receiving a transfer; f) name of entity paying the non-state non-federal match; g) earmark details; h) TAP project proponent; i) other information
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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 REOUT 9 (NEWTON)	6	HSIP	\$ 3,044,110	\$ 2,739,699	\$ 304,411	Construction; CMAQ+HSIP+TAP+STP Total Cost = \$26,883,332; AC Yr 1 of 2; MPO Evaluation Score = 75
	Roadway Reconstruction	606635	Boston Region	Multiple	NEEDHAM-NEWTON- RECONSTRUCTION OF HIGHLAND AVENUE, NEEDHAM STREET & CHARLES RIVER BRIDGE, N-04-002, FROM WEBSTER STREET (NEEDHAM) TO REOUT 9 (NEWTON)	6	STP	\$ 10,397,556	\$ 8,318,045	\$ 2,079,511	Construction; CMAQ+HSIP+TAP+STP Total Cost = \$26,883,332; AC Yr 1 of 2; MPO Evaluation Score = 75
	Roadway Reconstruction	606043	Boston Region	Hopkinton	HOPKINTON- SIGNAL & INTERSECTION IMPROVEMENTS ON ROUTE 135	3	CMAQ	\$ 2,365,425	\$ 1,892,340	\$ 473,085	Construction; CMAQ+STP Total Cost = \$8,264,619
	Roadway Reconstruction	606043	Boston Region	Hopkinton	HOPKINTON- SIGNAL & INTERSECTION IMPROVEMENTS ON ROUTE 135	3	STP	\$ 5,899,194	\$ 4,719,355	\$ 1,179,839	Construction; CMAQ+STP Total Cost = \$8,264,619
	Roadway Reconstruction	607652	Boston Region	Everett	EVERETT- RECONSTRUCTION OF FERRY STREET, SOUTH FERRY STREET AND A PORTION OF ELM STREET	4	CMAQ	\$ 1,884,270	\$ 1,507,416	\$ 376,854	Construction; CMAQ+STP+HSIP+TAP Total Cost = \$16,764,338; MPO Evaluation Score = 73
	Roadway Reconstruction	607652	Boston Region	Everett	EVERETT- RECONSTRUCTION OF FERRY STREET, SOUTH FERRY STREET AND A PORTION OF ELM STREET	4	HSIP	\$ 1,050,296	\$ 945,266	\$ 105,030	Construction; CMAQ+STP+HSIP+TAP Total Cost = \$16,764,338; MPO Evaluation Score = 73
	Roadway Reconstruction	607652	Boston Region	Everett	EVERETT- RECONSTRUCTION OF FERRY STREET, SOUTH FERRY STREET AND A PORTION OF ELM STREET	4	STP	\$ 13,105,360	\$ 10,484,288	\$ 2,621,072	Construction; CMAQ+STP+HSIP+TAP Total Cost = \$16,764,338; MPO Evaluation Score = 73
	Roadway Reconstruction	607652	Boston Region	Everett	EVERETT- RECONSTRUCTION OF FERRY STREET, SOUTH FERRY STREET AND A PORTION OF ELM STREET	4	TAP	\$ 724,412	\$ 579,530	\$ 144,882	Construction; CMAQ+STP+HSIP+TAP Total Cost = \$16,764,338; MPO Evaluation Score = 73; TAP Proponent = Everett
	Roadway Reconstruction	602077	Boston Region	Lynn	LYNN- RECONSTRUCTION ON ROUTE 129 (LYNNFIELD STREET), FROM GREAT WOODS ROAD TO WYOMA SQUARE	4	CMAQ	\$ 1,000,000	\$ 800,000	\$ 200,000	Construction; CMAQ+STP Total Cost = \$4,579,576; MPO Evaluation Score = 38
	Roadway Reconstruction	602077	Boston Region	Lynn	LYNN- RECONSTRUCTION ON ROUTE 129 (LYNNFIELD STREET), FROM GREAT WOODS ROAD TO WYOMA SQUARE	4	STP	\$ 3,579,576	\$ 2,863,661	\$ 715,915	Construction; CMAQ+STP Total Cost = \$4,579,576; MPO Evaluation Score = 38
	Roadway Reconstruction	606226	Boston Region	Boston	BOSTON- RECONSTRUCTION OF RUTHERFORD AVENUE, FROM CITY SQUARE TO SULLIVAN SQUARE	6	STP	\$ 7,000,000	\$ 5,600,000	\$ 1,400,000	Construction; NHPP+STP+TAP Total Cost = \$152,000,000; AC Yr 1 of 5; Total funding in this TIP = \$116,626,515; MPO Evaluation Score = 59



## DRAFT FFYs 2019-23 Transportation Improvement Program (TIP)

### 2020 Boston Region Transportation Improvement Program

Amendment / Adjustment Type ▼	STIP Program ▼	MassDOT Project ID ▼	Metropolitan Planning Organization ▼	Municipality Name ▼	MassDOT Project Description ▼	MassDOT District ▼	Funding Source ▼	Total Programmed Funds ▼	Federal Funds ▼	Non-Federal Funds ▼	Additional Information ▼ <small><b>Present information as follows, if applicable:</b> a) Planning / Design / or Construction; b) total project cost and funding sources used; c) advance construction status; d) MPO project score; e) name of entity receiving a transfer; f) name of entity paying the non-state non-federal match; g) earmark details; h) TAP project proponent; i) other information</small>
Roadway Reconstruction		604123	Boston Region	Ashland	ASHLAND- RECONSTRUCTION ON ROUTE 126 (POND STREET), FROM THE FRAMINGHAM T.L. TO THE HOLLISTON T.L.	3	CMAQ	\$ 1,000,000	\$ 800,000	\$ 200,000	Construction; STP+CMAQ+TAP Total Cost = \$14,094,251; MPO Evaluation Score = 54
Roadway Reconstruction		604123	Boston Region	Ashland	ASHLAND- RECONSTRUCTION ON ROUTE 126 (POND STREET), FROM THE FRAMINGHAM T.L. TO THE HOLLISTON T.L.	3	STP	\$ 10,987,770	\$ 8,790,216	\$ 2,197,554	Construction; STP+CMAQ+TAP Total Cost = \$14,094,251; MPO Evaluation Score = 54
Roadway Reconstruction		604123	Boston Region	Ashland	ASHLAND- RECONSTRUCTION ON ROUTE 126 (POND STREET), FROM THE FRAMINGHAM T.L. TO THE HOLLISTON T.L.	3	TAP	\$ 2,106,481	\$ 1,685,185	\$ 421,296	Construction; STP+CMAQ+TAP Total Cost = \$14,094,251; MPO Evaluation Score = 54; TAP Proponent = MassDOT
Roadway Reconstruction		602261	Boston Region	Walpole	WALPOLE- RECONSTRUCTION ON ROUTE 1A (MAIN STREET), FROM THE NORWOOD T.L. TO ROUTE 27, INCLUDES W-03-024 OVER THE NEPONSET RIVER	5	CMAQ	\$ 1,000,000	\$ 800,000	\$ 200,000	Construction; STP+CMAQ+TAP Total Cost = \$16,749,233; MPO Evaluation Score = 51
Roadway Reconstruction		602261	Boston Region	Walpole	WALPOLE- RECONSTRUCTION ON ROUTE 1A (MAIN STREET), FROM THE NORWOOD T.L. TO ROUTE 27, INCLUDES W-03-024 OVER THE NEPONSET RIVER	5	STP	\$ 13,890,796	\$ 11,112,637	\$ 2,778,159	Construction; STP+CMAQ+TAP Total Cost = \$16,749,233; MPO Evaluation Score = 51
Roadway Reconstruction		602261	Boston Region	Walpole	WALPOLE- RECONSTRUCTION ON ROUTE 1A (MAIN STREET), FROM THE NORWOOD T.L. TO ROUTE 27, INCLUDES W-03-024 OVER THE NEPONSET RIVER	5	TAP	\$ 1,858,437	\$ 1,486,750	\$ 371,687	Construction; STP+CMAQ+TAP Total Cost = \$16,749,233; MPO Evaluation Score = 51; TAP Proponent = MassDOT
Roadway Reconstruction		608275	Boston Region	Malden	MALDEN - EXCHANGE STREET DOWNTOWN IMPROVEMENT PROJECT	4	CMAQ	\$ 1,000,000	\$ 800,000	\$ 200,000	Construction; CMAQ+STP Total Cost = \$1,553,760; MPO Evaluation Score = 59
Roadway Reconstruction		608275	Boston Region	Malden	MALDEN - EXCHANGE STREET DOWNTOWN IMPROVEMENT PROJECT	4	STP	\$ 553,760	\$ 443,008	\$ 110,752	Construction; CMAQ+STP Total Cost = \$1,553,760; MPO Evaluation Score = 59
Regionally Prioritized Projects subtotal ▶								<b>\$ 102,478,643</b>	\$ 82,392,355	\$ 20,086,288	◀ 80% Federal + 20% Non-Federal

#### ▶ Section 1A / Fiscal Constraint Analysis

<p><small><b>Section 1A Instructions:</b> MPO Template Name) Choose Regional Name from dropdown list to populate header and MPO column; <b>Column C)</b> Enter ID from ProjectInfo; <b>Column E)</b> Choose Municipality Name from dropdown list; <b>Column H)</b> Choose the Funding Source being used for the project - if multiple funding sources are being used enter multiple lines; <b>Column I)</b> Enter the total amount of funds being programmed in this fiscal year and for each funding source; <b>Column J)</b> Federal funds autocalculates. Please verify the amount and only change if needed for flex. <b>Column K)</b> Non-federal funds autocalculates. Please verify the split/match - if matching an FTA flex, coordinate with Rail &amp; Transit Division before programming; <b>Column L)</b> Enter Additional Information as described - please do not use any other format.</small></p>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td><b>Total Regional Federal Aid Funds Programmed ▶</b></td> <td style="text-align: right;"><b>\$ 102,478,643</b></td> <td style="text-align: right;"><b>\$ 102,478,656</b></td> <td><b>◀ Total Budget</b></td> <td style="text-align: right;"><b>\$ 13</b></td> <td><b>Target Funds Available</b></td> </tr> <tr> <td>STP programmed ▶</td> <td style="text-align: right;">\$ 65,414,012</td> <td style="text-align: right;">\$ 52,331,210</td> <td>◀ STP</td> <td></td> <td></td> </tr> <tr> <td>HSIP programmed ▶</td> <td style="text-align: right;">\$ 4,094,406</td> <td style="text-align: right;">\$ 3,684,965</td> <td>◀ HSIP</td> <td></td> <td></td> </tr> <tr> <td>CMAQ programmed ▶</td> <td style="text-align: right;">\$ 28,280,895</td> <td style="text-align: right;">\$ 22,624,716</td> <td>◀ CMAQ</td> <td></td> <td></td> </tr> <tr> <td>TAP programmed ▶</td> <td style="text-align: right;">\$ 4,689,330</td> <td style="text-align: right;">\$ 3,751,464</td> <td>◀ TAP</td> <td></td> <td></td> </tr> </table>	<b>Total Regional Federal Aid Funds Programmed ▶</b>	<b>\$ 102,478,643</b>	<b>\$ 102,478,656</b>	<b>◀ Total Budget</b>	<b>\$ 13</b>	<b>Target Funds Available</b>	STP programmed ▶	\$ 65,414,012	\$ 52,331,210	◀ STP			HSIP programmed ▶	\$ 4,094,406	\$ 3,684,965	◀ HSIP			CMAQ programmed ▶	\$ 28,280,895	\$ 22,624,716	◀ CMAQ			TAP programmed ▶	\$ 4,689,330	\$ 3,751,464	◀ TAP		
<b>Total Regional Federal Aid Funds Programmed ▶</b>	<b>\$ 102,478,643</b>	<b>\$ 102,478,656</b>	<b>◀ Total Budget</b>	<b>\$ 13</b>	<b>Target Funds Available</b>																										
STP programmed ▶	\$ 65,414,012	\$ 52,331,210	◀ STP																												
HSIP programmed ▶	\$ 4,094,406	\$ 3,684,965	◀ HSIP																												
CMAQ programmed ▶	\$ 28,280,895	\$ 22,624,716	◀ CMAQ																												
TAP programmed ▶	\$ 4,689,330	\$ 3,751,464	◀ TAP																												

#### ▶ Section 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 ▶								<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	◀ Funding Split Varies by Funding Source

# DRAFT FFYs 2019-23 Transportation Improvement Program (TIP)

## 2020 Boston Region Transportation Improvement Program

Amendment / Adjustment Type ▼	STIP Program ▼	MassDOT Project ID ▼	Metropolitan Planning Organization ▼	Municipality Name ▼	MassDOT Project Description ▼	MassDOT District ▼	Funding Source ▼	Total Programmed Funds ▼	Federal Funds ▼	Non-Federal Funds ▼	Additional Information ▼ <small>Present information as follows, if applicable: a) Planning / Design / or Construction; b) total project cost and funding sources used; c) advance construction status; d) MPO project score; e) name of entity receiving a transfer; f) name of entity paying the non-state non-federal match; g) earmark details; h) TAP project proponent; i) other information</small>
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**► 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	\$ 20,000,000	\$ 16,000,000	\$ 4,000,000	AC Year 4 of 6, Total Cost \$176,318,433
	Bridge Program	605287	Boston Region	CHELSEA	CHELSEA- ROUTE 1 VIALDOCT 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	LYNN	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 ►								\$ 82,553,717	\$ 66,042,974	\$ 16,510,743	◀ Funding Split Varies by Funding Source

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

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

► Interstate Pavement											
	Interstate Pavement	608208	Boston Region	Multiple	QUINCY- MILTON- BOSTON INTERSTATE MAINTENANCE AND RELATED WORK ON I-93	6	NHPP	\$ 24,264,576	\$ 21,838,118	\$ 2,426,458	
Interstate Pavement subtotal ►								\$ 24,264,576	\$ 21,838,118	\$ 2,426,458	◀ 90% Federal + 10% Non-Federal

► Non-Interstate Pavement											
	Non-Interstate Pavement	609101	Boston Region	Peabody	PEABODY- PAVEMENT PRESERVATION AND RELATED WORK ON ROUTE 128	4	NHPP	\$ 4,712,448	\$ 3,769,958	\$ 942,490	
	Non-Interstate Pavement	608480	Boston Region	Multiple	FOXBOROUGH- WALPOLE- RESURFACING AND RELATED WORK ON US ROUTE 1	5	NHPP	\$ 8,036,933	\$ 6,429,546	\$ 1,607,387	
	Non-Interstate Pavement	608482	Boston Region	Multiple	CAMBRIDGE- SOMERVILLE- RESURFACING AND RELATED WORK ON ROUTE 28	6	NHPP	\$ 8,541,312	\$ 6,833,050	\$ 1,708,262	
	Non-Interstate Pavement	608484	Boston Region	Multiple	CANTON- MILTON- RESURFACING AND RELATED WORK ON ROUTE 138	6	NHPP	\$ 17,941,664	\$ 14,353,331	\$ 3,588,333	
Non-Interstate Pavement subtotal ►								\$ 39,232,357	\$ 31,385,886	\$ 7,846,471	◀ 80% Federal + 20% Non-Federal

► Roadway Improvements											
	Roadway Improvements		Boston Region		Roadway Improvements			\$ -	\$ -	\$ -	
	Roadway Improvements		Boston Region		Roadway Improvements			\$ -	\$ -	\$ -	
	Roadway Improvements		Boston Region		Roadway Improvements			\$ -	\$ -	\$ -	
Roadway Improvements subtotal ►								\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal

## DRAFT FFYs 2019-23 Transportation Improvement Program (TIP)

### 2020 Boston Region Transportation Improvement Program

Amendment / Adjustment Type ▼	STIP Program ▼	MassDOT Project ID ▼	Metropolitan Planning Organization ▼	Municipality Name ▼	MassDOT Project Description ▼	MassDOT District ▼	Funding Source ▼	Total Programmed Funds ▼	Federal Funds ▼	Non-Federal Funds ▼	Additional Information ▼ <small><i>Present information as follows, if applicable:</i> a) Planning / Design / or Construction; b) total project cost and funding sources used; c) advance construction status; d) MPO project score; e) name of entity receiving a transfer; f) name of entity paying the non-state non-federal match; g) earmark details; h) TAP project proponent; i) other information</small>
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► 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 ►								<b>\$ 12,122,796</b>	<b>\$ 10,910,516</b>	<b>\$ 1,212,280</b>	◄ 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 ►								<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	◄ 80% Federal + 20% Non-Federal

► Intersection Improvements											
	Intersection Improvements	608562	Boston Region	Somerville	SOMERVILLE- SIGNAL AND INTERSECTION IMPROVEMENT ON I-93 AT MYSTIC AVENUE AND MCGRATH HIGHWAY (TOP 200 CRASH LOCATION)	4	HSIP	\$ 5,000,000	\$ 4,500,000	\$ 500,000	
	Intersection Improvements	607342	Boston Region	Milton	MILTON- INTERSECTION & SIGNAL IMPROVEMENTS @ ROUTE 28 (RANDOLPH AVENUE) & CHICKATAWBUT ROAD	6	HSIP	\$ 1,531,200	\$ 1,378,080	\$ 153,120	
	Intersection Improvements	607759	Boston Region	Boston	BOSTON- INTERSECTION & SIGNAL IMPROVEMENTS AT THE VFW PARKWAY & SPRING STREET	6	HSIP	\$ 974,815	\$ 877,334	\$ 97,482	
	Intersection Improvements		Boston Region				HSIP				
	Intersection Improvements		Boston Region				HSIP				
Intersection Improvements subtotal ►								<b>\$ 7,506,015</b>	<b>\$ 6,755,414</b>	<b>\$ 750,602</b>	◄ 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 ►								<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	◄ 80% Federal + 20% Non-Federal

## DRAFT FFYs 2019-23 Transportation Improvement Program (TIP)

### 2020 Boston Region Transportation Improvement Program

Amendment / Adjustment Type ▼	STIP Program ▼	MassDOT Project ID ▼	Metropolitan Planning Organization ▼	Municipality Name ▼	MassDOT Project Description ▼	MassDOT District ▼	Funding Source ▼	Total Programmed Funds ▼	Federal Funds ▼	Non-Federal Funds ▼	Additional Information ▼ <small>Present information as follows, if applicable: a) Planning / Design / or Construction; b) total project cost and funding sources used; c) advance construction status; d) MPO project score; e) name of entity receiving a transfer; f) name of entity paying the non-state non-federal match; g) earmark details; h) TAP project proponent; i) other information</small>
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► 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 ►								<b>\$ 3,803,700</b>	<b>\$ 3,042,960</b>	<b>\$ 760,740</b>	◀ 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 ►								<b>\$ 1,770,722</b>	<b>\$ 1,416,578</b>	<b>\$ 354,144</b>	◀ 80% Federal + 20% Non-Federal

► Capacity											
	Capacity		Boston Region		Capacity			\$ -	\$ -	\$ -	
	Capacity		Boston Region		Capacity			\$ -	\$ -	\$ -	
Capacity subtotal ►								<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	◀ 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 ►								<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	◀ Funding Split Varies by Funding Source

## DRAFT FFYs 2019-23 Transportation Improvement Program (TIP)

### 2020 Boston Region Transportation Improvement Program

Amendment / Adjustment Type ▼	STIP Program ▼	MassDOT Project ID ▼	Metropolitan Planning Organization ▼	Municipality Name ▼	MassDOT Project Description ▼	MassDOT District ▼	Funding Source ▼	Total Programmed Funds ▼	Federal Funds ▼	Non-Federal Funds ▼	Additional Information ▼ <i>Present information as follows, if applicable:</i> a) Planning / Design / or Construction; b) total project cost and funding sources used; c) advance construction status; d) MPO project score; e) name of entity receiving a transfer; f) name of entity paying the non-state non-federal match; g) earmark details; h) TAP project proponent; i) other information
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▶ Section 4 / Non-Federally Aided Projects

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

### 2020 Summary

	TIP Section 1 - 3: ▼	TIP Section 4: ▼	Total of All Projects ▼	
Total ▶	\$ 273,732,527	\$ -	\$ 273,732,527	◀ Total Spending in Region
Federal Funds ▶	\$ 223,784,801	\$ -	\$ 223,784,801	◀ Total Federal Spending in Region
Non-Federal Funds ▶	\$ 49,947,726	\$ -	\$ 49,947,726	◀ 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>

## DRAFT FFYs 2019-23 Transportation Improvement Program (TIP)

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

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

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

## DRAFT FFYs 2019-23 Transportation Improvement Program (TIP)

2021 Boston Region Transportation Improvement Program											
Amendment / Adjustment Type ▼	STIP Program ▼	MassDOT Project ID ▼	Metropolitan Planning Organization ▼	Municipality Name ▼	MassDOT Project Description ▼	MassDOT District ▼	Funding Source ▼	Total Programmed Funds ▼	Federal Funds ▼	Non-Federal Funds ▼	Additional Information ▼ <i>Present information as follows, if applicable: 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</i>
▶ Section 1A / Regionally Prioritized Projects											
▶ Regionally Prioritized Projects											
	Planning / Adjustments / Pass-throughs	1570	Boston Region	Multiple	GREEN LINE EXTENSION PROJECT- EXTENSION TO COLLEGE AVENUE WITH THE UNION SQUARE SPUR	6	CMAQ	\$ 29,100,000	\$ 23,280,000	\$ 5,820,000	Construction; STP+CMAQ+Section 5309 (Transit) Total MPO Contribution = \$190,000,000; AC Yr 6 of 6; funding flexed to FTA; match provided by local contributions
	Roadway Reconstruction	606453	Boston Region	Boston	BOSTON- IMPROVEMENTS ON BOYLSTON STREET, FROM INTERSECTION OF BROOKLINE AVENUE & PARK DRIVE TO IPSWICH STREET	6	CMAQ	\$ 1,000,000	\$ 800,000	\$ 200,000	Construction; CMAQ+TAP+STP Total Cost = \$8,542,892; MPO Evaluation Score = 58
	Roadway Reconstruction	606453	Boston Region	Boston	BOSTON- IMPROVEMENTS ON BOYLSTON STREET, FROM INTERSECTION OF BROOKLINE AVENUE & PARK DRIVE TO IPSWICH STREET	6	STP	\$ 812,432	\$ 649,946	\$ 162,486	Construction; CMAQ+TAP+STP Total Cost = \$8,542,892; MPO Evaluation Score = 58
	Roadway Reconstruction	606453	Boston Region	Boston	BOSTON- IMPROVEMENTS ON BOYLSTON STREET, FROM INTERSECTION OF BROOKLINE AVENUE & PARK DRIVE TO IPSWICH STREET	6	TAP	\$ 6,730,460	\$ 5,384,368	\$ 1,346,092	Construction; CMAQ+TAP+STP Total Cost = \$8,542,892; MPO Evaluation Score = 58; TAP Proponent = Boston
	Roadway Reconstruction	606226	Boston Region	Boston	BOSTON- RECONSTRUCTION OF RUTHERFORD AVENUE, FROM CITY SQUARE TO SULLIVAN SQUARE	6	NHPP	\$ 11,207,439	\$ 8,965,951	\$ 2,241,488	Construction; NHPP+STP+TAP Total Cost = \$152,000,000; AC Yr 2 of 5; Total funding in this TIP = \$116,626,515; TAP Proponent = Boston; MPO Evaluation Score = 59
	Roadway Reconstruction	606226	Boston Region	Boston	BOSTON- RECONSTRUCTION OF RUTHERFORD AVENUE, FROM CITY SQUARE TO SULLIVAN SQUARE	6	STP	\$ 1,922,546	\$ 1,538,037	\$ 384,509	Construction; NHPP+STP+TAP Total Cost = \$152,000,000; AC Yr 2 of 5; Total funding in this TIP = \$116,626,515; TAP Proponent = Boston; MPO Evaluation Score = 59
	Roadway Reconstruction	606226	Boston Region	Boston	BOSTON- RECONSTRUCTION OF RUTHERFORD AVENUE, FROM CITY SQUARE TO SULLIVAN SQUARE	6	TAP	\$ 14,050,761	\$ 11,240,609	\$ 2,810,152	Construction; NHPP+STP+TAP Total Cost = \$152,000,000; AC Yr 2 of 5; Total funding in this TIP = \$116,626,515; TAP Proponent = Boston; MPO Evaluation Score = 59; TAP Proponent = Boston
	Bridge Program	604996	Boston Region	Woburn	WOBURN- BRIDGE REPLACEMENT, W-43-017, NEW BOSTON STREET OVER MBTA	4	STP	\$ 16,418,347	\$ 13,134,678	\$ 3,283,669	Construction; Total Cost = \$16,418,347; MPO Evaluation Score = 55
	Roadway Reconstruction	608228	Boston Region	Framingham	FRAMINGHAM- RECONSTRUCTION OF UNION AVENUE, FROM PROCTOR STREET TO MAIN STREET	3	HSIP	\$ 1,000,000	\$ 900,000	\$ 100,000	Construction; STP+HSIP+TAP Total Cost = \$9,124,364; MPO Evaluation Score = 58
	Roadway Reconstruction	608228	Boston Region	Framingham	FRAMINGHAM- RECONSTRUCTION OF UNION AVENUE, FROM PROCTOR STREET TO MAIN STREET	3	STP	\$ 1,006,391	\$ 805,113	\$ 201,278	Construction; STP+HSIP+TAP Total Cost = \$9,124,364; MPO Evaluation Score = 58
	Roadway Reconstruction	608228	Boston Region	Framingham	FRAMINGHAM- RECONSTRUCTION OF UNION AVENUE, FROM PROCTOR STREET TO MAIN STREET	3	TAP	\$ 7,117,973	\$ 5,694,378	\$ 1,423,595	Construction; STP+HSIP+TAP Total Cost = \$9,124,364; MPO Evaluation Score = 58; TAP Proponent = Framingham

## DRAFT FFYs 2019-23 Transportation Improvement Program (TIP)

### 2021 Boston Region Transportation Improvement Program

Amendment / Adjustment Type ▼	STIP Program ▼	MassDOT Project ID ▼	Metropolitan Planning Organization ▼	Municipality Name ▼	MassDOT Project Description ▼	MassDOT District ▼	Funding Source ▼	Total Programmed Funds ▼	Federal Funds ▼	Non-Federal Funds ▼	Additional Information ▼ <i>Present information as follows, if applicable: 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</i>
	Roadway Reconstruction	606501	Boston Region	Holbrook	HOLBROOK- RECONSTRUCTION OF UNION STREET (ROUTE 139), FROM LINFIELD STREET TO CENTRE STREET/WATER STREET	5	STP	\$ 468,830	\$ 375,064	\$ 93,766	Construction; TAP+STP+Earmark Total Cost = \$757,918; MPO Evaluation Score = 45
	Roadway Reconstruction	606501	Boston Region	Holbrook	HOLBROOK- RECONSTRUCTION OF UNION STREET (ROUTE 139), FROM LINFIELD STREET TO CENTRE STREET/WATER STREET	5	TAP	\$ 289,088	\$ 231,270	\$ 57,818	Construction; TAP+STP+Earmark Total Cost = \$757,918; MPO Evaluation Score = 45; TAP Proponent = Holbrook
	Roadway Reconstruction	601607	Boston Region	Hull	HULL- RECONSTRUCTION OF ATLANTIC AVENUE AND RELATED WORK FROM NANTASKET AVENUE TO COHASSET TOWN LINE	5	STP	\$ 6,651,674	\$ 5,321,339	\$ 1,330,335	Construction; Total Cost = \$6,651,674; MPO Evaluation Score = 44
	Intersection Improvements	606130	Boston Region	Norwood	NORWOOD- INTERSECTION IMPROVEMENTS @ ROUTE 1A & UPLAND ROAD/WASHINGTON STREET & PROSPECT STREET/FULTON STREET	5	CMAQ	\$ 1,000,000	\$ 800,000	\$ 200,000	Construction; CMAQ+STP Total Cost = \$3,936,781; MPO Evaluation Score = 53
	Intersection Improvements	606130	Boston Region	Norwood	NORWOOD- INTERSECTION IMPROVEMENTS @ ROUTE 1A & UPLAND ROAD/WASHINGTON STREET & PROSPECT STREET/FULTON STREET	5	STP	\$ 2,936,781	\$ 2,349,425	\$ 587,356	Construction; CMAQ+STP Total Cost = \$3,936,781; MPO Evaluation Score = 53
	Roadway Reconstruction	608146	Boston Region	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 ▶								<b>\$ 104,439,292</b>	<b>\$ 83,651,434</b>	<b>\$ 20,787,858</b>	◀ 80% Federal + 20% Non-Federal

▶ Section 1A / Fiscal Constraint Analysis

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

**Section 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.



## DRAFT FFYs 2019-23 Transportation Improvement Program (TIP)

### 2021 Boston Region Transportation Improvement Program

Amendment / Adjustment Type ▼	STIP Program ▼	MassDOT Project ID ▼	Metropolitan Planning Organization ▼	Municipality Name ▼	MassDOT Project Description ▼	MassDOT District ▼	Funding Source ▼	Total Programmed Funds ▼	Federal Funds ▼	Non-Federal Funds ▼	Additional Information ▼ <i>Present information as follows, if applicable: 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</i>
<b>► Section 1B / Earmark or Discretionary Grant Funded Projects</b>											
<b>► Other Federal Aid</b>											
	Earmark Discretionary	606226	Boston Region	Boston	BOSTON- RECONSTRUCTION OF RUTHERFORD AVENUE, FROM CITY SQUARE TO SULLIVAN SQUARE	6	HPP	\$ 126,970	\$ 101,576	\$ 25,394	Demo ID MA183
	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
	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
<b>► Section 2A / State Prioritized Reliability Projects</b>											
<b>► Bridge Program / Inspections</b>											
	Bridge Program		Boston Region		Bridge Inspection			\$ -	\$ -	\$ -	
Bridge Program / Inspections subtotal ►								\$ -	\$ -	\$ -	◀ Funding Split Varies by Funding Source
<b>► Bridge Program / Off-System</b>											
	Bridge Program	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
<b>► Bridge Program / On-System (NHS)</b>											
	Bridge Program	604173	Boston Region	BOSTON	BOSTON- BRIDGE REPLACEMENT, B-16-016, NORTH WASHINGTON STREET OVER THE BOSTON INNER HARBOR	6	NHPP-On	\$ 20,000,000	\$ 16,000,000	\$ 4,000,000	AC Year 5 of 6, Total Cost \$176,318,433
	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	LYNN	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 ►								\$ 67,021,344	\$ 53,617,075	\$ 13,404,269	◀ Funding Split Varies by Funding Source
<b>► Bridge Program / On-System (Non-NHS)</b>											
	Bridge Program	608596	Boston Region	ESSEX	ESSEX- SUPERSTRUCTURE REPLACEMENT, E-11-001 (2TV), ROUTE 133 MAIN STREET OVER ESSEX RIVER	4	NHPP-Off	\$ 4,511,360	\$ 3,609,088	\$ 902,272	
	Bridge Program		Boston Region				NHPP-Off	\$ -	\$ -	\$ -	
Bridge Program / On-System (Non-NHS) subtotal ►								\$ 4,511,360	\$ 3,609,088	\$ 902,272	◀ 80% Federal + 20% Non-Federal
<b>► Bridge Program / Systematic Maintenance</b>											
	Bridge Program	608610	Boston Region	NEWTON	NEWTON- STEEL SUPERSTRUCTURE CLEANING (FULL REMOVAL) AND PAINTING OF N-12-055	6	NHPP-On	\$ 2,304,000	\$ 1,843,200	\$ 460,800	
Bridge Program / Systematic Maintenance subtotal ►								\$ 2,304,000	\$ 1,843,200	\$ 460,800	◀ Funding Split Varies by Funding Source

## DRAFT FFYs 2019-23 Transportation Improvement Program (TIP)

2021 Boston Region Transportation Improvement Program											
Amendment / Adjustment Type ▼	STIP Program ▼	MassDOT Project ID ▼	Metropolitan Planning Organization ▼	Municipality Name ▼	MassDOT Project Description ▼	MassDOT District ▼	Funding Source ▼	Total Programmed Funds ▼	Federal Funds ▼	Non-Federal Funds ▼	Additional Information ▼ <small>Present information as follows, if applicable: a) Planning / Design / or Construction; b) total project cost and funding sources used; c) advance construction status; d) MPO project score; e) name of entity receiving a transfer; f) name of entity paying the non-state non-federal match; g) earmark details; h) TAP project proponent; i) other information</small>
<b>► Interstate Pavement</b>											
	Interstate Pavement	608378	Boston Region	Multiple	DANVERS- TOPSFIELD- BOXFORD- ROWLEY- INTERSTATE MAINTENANCE AND RELATED WORK ON I-95	4	NHPP	\$ 582,400	\$ 524,160	\$ 58,240	
Interstate Pavement subtotal ►								<b>\$ 582,400</b>	<b>\$ 524,160</b>	<b>\$ 58,240</b>	◀ 90% Federal + 10% Non-Federal
<b>► Non-Interstate Pavement</b>											
	Non-Interstate Pavement	607477	Boston Region	Multiple	LYNNFIELD- PEABODY- RESURFACING AND RELATED WORK ON ROUTE 1	4	NHPP	\$ 7,424,560	\$ 5,939,648	\$ 1,484,912	
Non-Interstate Pavement subtotal ►								<b>\$ 7,424,560</b>	<b>\$ 5,939,648</b>	<b>\$ 1,484,912</b>	◀ 80% Federal + 20% Non-Federal
<b>► Roadway Improvements</b>											
	Roadway Improvements		Boston Region		Roadway Improvements			\$ -	\$ -	\$ -	
	Roadway Improvements		Boston Region		Roadway Improvements			\$ -	\$ -	\$ -	
	Roadway Improvements		Boston Region		Roadway Improvements			\$ -	\$ -	\$ -	
Roadway Improvements subtotal ►								<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	◀ 80% Federal + 20% Non-Federal
<b>► Safety Improvements</b>											
	Safety Improvements	609090	Boston Region	Multiple	BOSTON-MILTON-QUINCY- HIGHWAY LIGHTING SYSTEM REPLACEMENT ON I-93, FROM NEPONSET AVENUE TO THE BRAINTREE	6	NHPP	\$ 3,000,000	\$ 2,700,000	\$ 300,000	
	Safety Improvements		Boston Region	Multiple				\$ -	\$ -	\$ -	
Safety Improvements subtotal ►								<b>\$ 3,000,000</b>	<b>\$ 2,700,000</b>	<b>\$ 300,000</b>	◀ Funding Split Varies by Funding
<b>► Section 2B / State Prioritized Modernization Projects</b>											
<b>► ADA Retrofits</b>											
	ADA Retrofits		Boston Region		ADA Retrofits			\$ -	\$ -	\$ -	
	ADA Retrofits		Boston Region		ADA Retrofits			\$ -	\$ -	\$ -	
ADA Retrofits subtotal ►								<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	◀ 80% Federal + 20% Non-Federal
<b>► Intersection Improvements</b>											
	Intersection Improvements	607761	Boston Region	Swampscott	SWAMPSCOTT- INTERSECTION & SIGNAL IMPROVEMENTS AT SR 1A (PARADISE ROAD) AT SWAMPSCOTT MALL	4	HSIP	\$ 2,000,000	\$ 1,800,000	\$ 200,000	
	Intersection Improvements	607748	Boston Region	Acton	ACTON- INTERSECTION & SIGNAL IMPROVEMENTS ON SR 2 & SR 111 (MASSACHUSETTS AVENUE) AT PIPER ROAD & TAYLOR ROAD	3	HSIP	\$ 5,000,000	\$ 4,500,000	\$ 500,000	
	Intersection Improvements		Boston Region		Intersection Improvements			\$ -	\$ -	\$ -	
	Intersection Improvements		Boston Region		Intersection Improvements			\$ -	\$ -	\$ -	
Intersection Improvements subtotal ►								<b>\$ 7,000,000</b>	<b>\$ 6,300,000</b>	<b>\$ 700,000</b>	◀ Funding Split Varies by Funding

## DRAFT FFYs 2019-23 Transportation Improvement Program (TIP)

2021 Boston Region Transportation Improvement Program											
Amendment / Adjustment Type ▼	STIP Program ▼	MassDOT Project ID ▼	Metropolitan Planning Organization ▼	Municipality Name ▼	MassDOT Project Description ▼	MassDOT District ▼	Funding Source ▼	Total Programmed Funds ▼	Federal Funds ▼	Non-Federal Funds ▼	Additional Information ▼ <i>Present information as follows, if applicable: 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</i>
<b>► Intelligent Transportation Systems</b>											
	Intelligent Transportation Systems		Boston Region		Intelligent Transportation Systems			\$ -	\$ -	\$ -	
	Intelligent Transportation Systems		Boston Region		Intelligent Transportation Systems			\$ -	\$ -	\$ -	
	Intelligent Transportation Systems		Boston Region		Intelligent Transportation Systems			\$ -	\$ -	\$ -	
Intelligent Transportation System subtotal ►								\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal
<b>► Roadway Reconstruction</b>											
	Roadway Reconstruction	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
<b>► Section 2C / State Prioritized Expansion Projects</b>											
<b>► Bicycles and Pedestrians</b>											
	Bicycles and Pedestrians	607329	Boston Region	Multiple	WAKEFIELD- LYNNFIELD- RAIL TRAIL EXTENSION, FROM THE GALVIN MIDDLE SCHOOL TO LYNNFIELD/PEABODY T.L.	4	CMAQ	\$ 10,316,559	\$ 8,253,247	\$ 2,063,312	Construction / PSAC score 32.5
Bicycles and Pedestrians subtotal ►								\$ 10,316,559	\$ 8,253,247	\$ 2,063,312	◀ 80% Federal + 20% Non-Federal
<b>► Capacity</b>											
	Capacity		Boston Region		Capacity			\$ -	\$ -	\$ -	
	Capacity		Boston Region		Capacity			\$ -	\$ -	\$ -	
Capacity subtotal ►								\$ -	\$ -	\$ -	◀ Funding Split Varies by Funding
<b>► Section 3 / Planning / Adjustments / Pass-throughs</b>											
<b>► Planning / Adjustments / Pass-throughs</b>											
			Boston Region		ABP GANS Repayment	Multiple		\$ -	\$ -	\$ -	
			Boston Region		ABP GANS Repayment	Multiple		\$ -	\$ -	\$ -	
			Boston Region		Award adjustments, change orders, etc.	Multiple		\$ -	\$ -	\$ -	
			Boston Region		Award adjustments, change orders, etc.	Multiple		\$ -	\$ -	\$ -	
			Boston Region		Award adjustments, change orders, etc.	Multiple		\$ -	\$ -	\$ -	
			Boston Region		Award adjustments, change orders, etc.	Multiple		\$ -	\$ -	\$ -	
			Boston Region		Metropolitan Planning	Multiple		\$ -	\$ -	\$ -	
			Boston Region		Metropolitan Planning	Multiple		\$ -	\$ -	\$ -	
			Boston Region		State Planning and Research Work Program I, (SPR I), Planning	Multiple		\$ -	\$ -	\$ -	
			Boston Region		State Planning and Research Work Program II, (SPR II), Research	Multiple		\$ -	\$ -	\$ -	
			Boston Region		Railroad Crossings	Multiple		\$ -	\$ -	\$ -	
			Boston Region		Railroad Crossings	Multiple		\$ -	\$ -	\$ -	
			Boston Region		Recreational Trails	Multiple		\$ -	\$ -	\$ -	
Other Statewide Items subtotal ►								\$ -	\$ -	\$ -	◀ Funding Split Varies by Funding

## DRAFT FFYs 2019-23 Transportation Improvement Program (TIP)

### 2021 Boston Region Transportation Improvement Program

Amendment / Adjustment Type ▼	STIP Program ▼	MassDOT Project ID ▼	Metropolitan Planning Organization ▼	Municipality Name ▼	MassDOT Project Description ▼	MassDOT District ▼	Funding Source ▼	Total Programmed Funds ▼	Federal Funds ▼	Non-Federal Funds ▼	Additional Information ▼ <i>Present information as follows, if applicable:</i> a) Planning / Design / or Construction; b) total project cost and funding sources used; c) advance construction status; d) MPO project score; e) name of entity receiving a transfer; f) name of entity paying the non-state non-federal match; g) earmark details; h) TAP project proponent; i) other information
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#### ▶ Section 4 / Non-Federally Aided Projects

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

### 2021 Summary

	TIP Section 1 - 3: ▼	TIP Section 4: ▼	Total of All Projects ▼	
Total ▶	\$ 227,475,352	\$ -	\$ 227,475,352	◀ Total Spending in Region
Federal Funds ▶	\$ 183,138,521	\$ -	\$ 183,138,521	◀ Total Federal Spending in Region
Non-Federal Funds ▶	\$ 44,336,830	\$ -	\$ 44,336,830	◀ 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>

## DRAFT FFYs 2019-23 Transportation Improvement Program (TIP)

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

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

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

## DRAFT FFYs 2019-23 Transportation Improvement Program (TIP)

2022 Boston Region Transportation Improvement Program											
Amendment / Adjustment Type ▼	STIP Program ▼	MassDOT Project ID ▼	Metropolitan Planning Organization ▼	Municipality Name ▼	MassDOT Project Description ▼	MassDOT District ▼	Funding Source ▼	Total Programmed Funds ▼	Federal Funds ▼	Non-Federal Funds ▼	Additional Information ▼ <small><i>Present information as follows, if applicable:</i> a) Planning / Design / or Construction; b) total project cost and funding sources used; c) advance construction status; d) MPO project score; e) name of entity receiving a transfer; f) name of entity paying the non-state non-federal match; g) earmark details; h) TAP project proponent; i) other information</small>
<b>► Section 1A / Regionally Prioritized Projects</b>											
<b>► Regionally Prioritized Projects</b>											
	Roadway Reconstruction	606226	Boston Region	Boston	BOSTON- RECONSTRUCTION OF RUTHERFORD AVENUE, FROM CITY SQUARE TO SULLIVAN SQUARE	6	NHPP	\$ 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

## DRAFT FFYs 2019-23 Transportation Improvement Program (TIP)

### 2022 Boston Region Transportation Improvement Program

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

**▶ Section 1A / Fiscal Constraint Analysis**

*Section 1A instructions:* **MPO Template Name**) Choose Regional Name from dropdown list to populate header and MPO column; **Column C**) Enter ID from ProjectInfo; **Column E**) Choose Municipality Name from dropdown list; **Column H**) Choose the Funding Source being used for the project - if multiple funding sources are being used enter multiple lines; **Column I**) Enter the total amount of funds being programmed in this fiscal year and for each funding source; **Column J**) Federal funds 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.

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

**▶ 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

## DRAFT FFYs 2019-23 Transportation Improvement Program (TIP)

### 2022 Boston Region Transportation Improvement Program

Amendment / Adjustment Type ▼	STIP Program ▼	MassDOT Project ID ▼	Metropolitan Planning Organization ▼	Municipality Name ▼	MassDOT Project Description ▼	MassDOT District ▼	Funding Source ▼	Total Programmed Funds ▼	Federal Funds ▼	Non-Federal Funds ▼	Additional Information ▼ <small><i>Present information as follows, if applicable:</i> a) Planning / Design / or Construction; b) total project cost and funding sources used; c) advance construction status; d) MPO project score; e) name of entity receiving a transfer; f) name of entity paying the non-state non-federal match; g) earmark details; h) TAP project proponent; i) other information</small>
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**► Section 2A / State Prioritized Reliability Projects**

**► Bridge Program / Inspections**

	Bridge Program		Boston Region		Bridge Inspection			\$ -	\$ -	\$ -	
	Bridge Program		Boston Region		Bridge Inspection			\$ -	\$ -	\$ -	
<b>Bridge Program / Inspections subtotal ►</b>								<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	◀ 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			\$ -	\$ -	\$ -	
<b>Bridge Program / Off-System subtotal ►</b>								<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	◀ 80% Federal + 20% Non-Federal

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

AMENDMENT:Move Project (FROM 2020)	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	\$ 18,436,073	\$ 14,748,858	\$ 3,687,215	AC Year 6 of 6, Total Cost \$176,318,433
	Bridge Program	604952	Boston Region	LYNN	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)			\$ -	\$ -	\$ -	
<b>Bridge Program / On-System (NHS) subtotal ►</b>								<b>\$ 73,076,568</b>	<b>\$ 58,461,254</b>	<b>\$ 14,615,314</b>	◀ Funding Split Varies by Funding Source

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

AMENDMENT:Add Project	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	\$ -	\$ -	\$ -	
<b>Bridge Program / On-System (Non-NHS) subtotal ►</b>								<b>\$ 5,183,360</b>	<b>\$ 4,146,688</b>	<b>\$ 1,036,672</b>	◀ 80% Federal + 20% Non-Federal

**► 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	
<b>Bridge Program / Systematic Maintenance subtotal ►</b>								<b>\$ 2,349,900</b>	<b>\$ 1,879,920</b>	<b>\$ 469,980</b>	◀ Funding Split Varies by Funding Source



## DRAFT FFYs 2019-23 Transportation Improvement Program (TIP)

2022 Boston Region Transportation Improvement Program											
Amendment / Adjustment Type ▼	STIP Program ▼	MassDOT Project ID ▼	Metropolitan Planning Organization ▼	Municipality Name ▼	MassDOT Project Description ▼	MassDOT District ▼	Funding Source ▼	Total Programmed Funds ▼	Federal Funds ▼	Non-Federal Funds ▼	Additional Information ▼ <small><i>Present information as follows, if applicable:</i> a) Planning / Design / or Construction; b) total project cost and funding sources used; c) advance construction status; d) MPO project score; e) name of entity receiving a transfer; f) name of entity paying the non-state non-federal match; g) earmark details; h) TAP project proponent; i) other information</small>
<b>► Interstate Pavement</b>											
	Interstate Pavement	608210	Boston Region	Multiple	FOXBOROUGH- PLAINVILLE- WRENTHAM- FRANKLIN I.M. RESURFACING WORK ON I-495	5	NHPP	\$ 11,497,920	\$ 10,348,128	\$ 1,149,792	
Interstate Pavement subtotal ►								<b>\$ 11,497,920</b>	<b>\$ 10,348,128</b>	<b>\$ 1,149,792</b>	◀ 90% Federal + 10% Non-Federal
<b>► Non-Interstate Pavement</b>											
	Non-Interstate Pavement	608817	Boston Region	Multiple	SALEM- LYNN- RESURFACING AND RELATED WORK ON RTE 107	4	NHPP	\$ 2,527,560	\$ 2,022,048	\$ 505,512	
	Non-Interstate Pavement	608498	Boston Region	Multiple	HINGHAM- WEYMOUTH- BRAINTREE- RESURFACING AND RELATED WORK ON ROUTE 53	6	NHPP	\$ 7,929,600	\$ 6,343,680	\$ 1,585,920	
	Non-Interstate Pavement	608818	Boston Region	DANVERS	DANVERS- RESURFACING AND RELATED WORK ON ROUTE 114	4	NHPP	\$ 1,850,240	\$ 1,480,192	\$ 370,048	
Non-Interstate Pavement subtotal ►								<b>\$ 12,307,400</b>	<b>\$ 9,845,920</b>	<b>\$ 2,461,480</b>	◀ 80% Federal + 20% Non-Federal
<b>► Roadway Improvements</b>											
	Roadway Improvements	608599	Boston Region	Multiple	CANTON- SHARON- FOXBOROUGH- NORWOOD- WALPOLE- STORMWATER IMPROVEMENTS ALONG ROUTE 1, ROUTE 1A & INTERSTATE 95	5	STP-TE	\$ 526,235	\$ 420,988	\$ 105,247	
	Roadway Improvements		Boston Region		Roadway Improvements			\$ -	\$ -	\$ -	
	Roadway Improvements		Boston Region		Roadway Improvements			\$ -	\$ -	\$ -	
Roadway Improvements subtotal ►								<b>\$ 526,235</b>	<b>\$ 420,988</b>	<b>\$ 105,247</b>	◀ 80% Federal + 20% Non-Federal
<b>► Safety Improvements</b>											
	Safety Improvements		Boston Region		Safety Improvements			\$ -	\$ -	\$ -	
	Safety Improvements		Boston Region		Safety Improvements			\$ -	\$ -	\$ -	
	Safety Improvements		Boston Region		Safety Improvements			\$ -	\$ -	\$ -	
	Safety Improvements		Boston Region		Safety Improvements			\$ -	\$ -	\$ -	
	Safety Improvements		Boston Region		Safety Improvements			\$ -	\$ -	\$ -	
	Safety Improvements		Boston Region		Safety Improvements			\$ -	\$ -	\$ -	
Safety Improvements subtotal ►								<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	◀ Funding Split Varies by Funding Source
<b>► Section 2B / State Prioritized Modernization Projects</b>											
<b>► ADA Retrofits</b>											
	ADA Retrofits		Boston Region		ADA Retrofits			\$ -	\$ -	\$ -	
	ADA Retrofits		Boston Region		ADA Retrofits			\$ -	\$ -	\$ -	
ADA Retrofits subtotal ►								<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	◀ 80% Federal + 20% Non-Federal

## DRAFT FFYs 2019-23 Transportation Improvement Program (TIP)

### 2022 Boston Region Transportation Improvement Program

Amendment / Adjustment Type ▼	STIP Program ▼	MassDOT Project ID ▼	Metropolitan Planning Organization ▼	Municipality Name ▼	MassDOT Project Description ▼	MassDOT District ▼	Funding Source ▼	Total Programmed Funds ▼	Federal Funds ▼	Non-Federal Funds ▼	Additional Information ▼ <small><i>Present information as follows, if applicable:</i> a) Planning / Design / or Construction; b) total project cost and funding sources used; c) advance construction status; d) MPO project score; e) name of entity receiving a transfer; f) name of entity paying the non-state non-federal match; g) earmark details; h) TAP project proponent; i) other information</small>
<b>► Intersection Improvements</b>											
	Intersection Improvements	608567	Boston Region	Peabody	PEABODY- IMPROVEMENTS AT ROUTE 114 AT SYLVAN STREET, CROSS STREET, NORTHSHORE MALL, LORIS ROAD, ROUTE 128 INTERCHANGE AND ESQUIRE DRIVE	4	HSIP	\$ 3,200,000	\$ 2,880,000	\$ 320,000	
	Intersection Improvements	608569	Boston Region	Quincy	QUINCY- INTERSECTION IMPROVEMENTS AT ROUTE 3A (SOUTHERN ARTERY) AND BROAD STREET	6	HSIP	\$ 4,000,000	\$ 3,600,000	\$ 400,000	
Intersection Improvements subtotal ►								<b>\$ 7,200,000</b>	<b>\$ 6,480,000</b>	<b>\$ 720,000</b>	◀ Funding Split Varies by Funding Source
<b>► Intelligent Transportation Systems</b>											
	Intelligent Transportation Systems		Boston Region		Intelligent Transportation Systems			\$ -	\$ -	\$ -	
	Intelligent Transportation Systems		Boston Region		Intelligent Transportation Systems			\$ -	\$ -	\$ -	
	Intelligent Transportation Systems		Boston Region		Intelligent Transportation Systems			\$ -	\$ -	\$ -	
Intelligent Transportation System subtotal ►								<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	◀ 80% Federal + 20% Non-Federal
<b>► Roadway Reconstruction</b>											
	Roadway Reconstruction	607977	Boston Region	Multiple	HOPKINTON- WESTBOROUGH- RECONSTRUCTION OF I-90/I-495 INTERCHANGE	3	NFP	\$ 27,500,000	\$ 22,000,000	\$ 5,500,000	
	Roadway Reconstruction	607977	Boston Region	Multiple	HOPKINTON- WESTBOROUGH- RECONSTRUCTION OF I-90/I-495 INTERCHANGE	3	NHPP	\$ 12,233,939	\$ 9,787,151	\$ 2,446,788	
Roadway Reconstruction subtotal ►								<b>\$ 39,733,939</b>	<b>\$ 31,787,151</b>	<b>\$ 7,946,788</b>	◀ Funding Split Varies by Funding Source
<b>► Section 2C / State Prioritized Expansion Projects</b>											
<b>► Bicycles and Pedestrians</b>											
	Bicycles and Pedestrians		Boston Region		Bicycles and Pedestrians			\$ -	\$ -	\$ -	
	Bicycles and Pedestrians		Boston Region		Bicycles and Pedestrians			\$ -	\$ -	\$ -	
	Bicycles and Pedestrians		Boston Region		Bicycles and Pedestrians			\$ -	\$ -	\$ -	
Bicycles and Pedestrians subtotal ►								<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	◀ 80% Federal + 20% Non-Federal
<b>► Capacity</b>											
	Capacity		Boston Region		Capacity			\$ -	\$ -	\$ -	
	Capacity		Boston Region		Capacity			\$ -	\$ -	\$ -	
Capacity subtotal ►								<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	◀ Funding Split Varies by Funding Source

# DRAFT FFYs 2019-23 Transportation Improvement Program (TIP)

## 2022 Boston Region Transportation Improvement Program

Amendment / Adjustment Type ▼	STIP Program ▼	MassDOT Project ID ▼	Metropolitan Planning Organization ▼	Municipality Name ▼	MassDOT Project Description ▼	MassDOT District ▼	Funding Source ▼	Total Programmed Funds ▼	Federal Funds ▼	Non-Federal Funds ▼	Additional Information ▼
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**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

### ▶ Section 3 / Planning / Adjustments / Pass-throughs

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

### ▶ Section 4 / Non-Federally Aided Projects

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

## 2022 Summary

									Total of All Projects ▼	
Total ▶	\$ 258,459,624	\$ 18,112,483	\$ 276,572,107							◀ Total Spending in Region
Federal Funds ▶	\$ 208,900,664		\$ 208,900,664							◀ Total Federal Spending in Region
Non-Federal Funds ▶	\$ 49,558,960	\$ 18,112,483	\$ 67,671,443							◀ 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>

## DRAFT FFYs 2019-23 Transportation Improvement Program (TIP)

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

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

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

# DRAFT FFYs 2019-23 Transportation Improvement Program (TIP)

## 2023 Boston Region Transportation Improvement Program

Amendment / Adjustment Type ▼	STIP Program ▼	MassDOT Project ID ▼	Metropolitan Planning Organization ▼	Municipality Name ▼	MassDOT Project Description ▼	MassDOT District ▼	Funding Source ▼	Total Programmed Funds ▼	Federal Funds ▼	Non-Federal Funds ▼	Additional Information ▼
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**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) easment details; h) TAP project proponent; i) other information

▶ Section 1A / Regionally Prioritized Projects

▶ Regionally Prioritized Projects

	Roadway Reconstruction	606226	Boston Region	Boston	BOSTON- RECONSTRUCTION OF RUTHERFORD AVENUE, FROM CITY SQUARE TO SULLIVAN SQUARE	6	NHPP	\$ 13,000,000	\$ 10,400,000	\$ 2,600,000	Construction; NHPP+STP+TAP Total Cost = \$152,000,000; AC Yr 4 of 5; Total funding in this TIP = \$116,626,515; MPO Evaluation Score = 59
	Roadway Reconstruction	606226	Boston Region	Boston	BOSTON- RECONSTRUCTION OF RUTHERFORD AVENUE, FROM CITY SQUARE TO SULLIVAN SQUARE	6	STP	\$ 26,000,000	\$ 20,800,000	\$ 5,200,000	Construction; NHPP+STP+TAP Total Cost = \$152,000,000; AC Yr 4 of 5; Total funding in this TIP = \$116,626,515; MPO Evaluation Score = 59
	Roadway Reconstruction	606226	Boston Region	Boston	BOSTON- RECONSTRUCTION OF RUTHERFORD AVENUE, FROM CITY SQUARE TO SULLIVAN SQUARE	6	TAP	\$ 1,000,000	\$ 800,000	\$ 200,000	Construction; NHPP+STP+TAP Total Cost = \$152,000,000; AC Yr 4 of 5; Total funding in this TIP = \$116,626,515; MPO Evaluation Score = 59; TAP Proponent = Boston
	Roadway Reconstruction	608348	Boston Region	Beverly	BEVERLY - RECONSTRUCTION OF BRIDGE STREET	4	CMAQ	\$ 3,000,000	\$ 2,400,000	\$ 600,000	Construction; CMAQ+STP Total Cost = \$6,124,800; MPO Evaluation Score = 66
	Roadway Reconstruction	608348	Boston Region	Beverly	BEVERLY - RECONSTRUCTION OF BRIDGE STREET	4	STP	\$ 3,124,800	\$ 2,499,840	\$ 624,960	Construction; CMAQ+STP Total Cost = \$6,124,800; MPO Evaluation Score = 66
	Roadway Reconstruction	608933	Boston Region	Peabody	PEABODY - REHABILITATION OF CENTRAL STREET	4	CMAQ	\$ 3,000,000	\$ 2,400,000	\$ 600,000	Construction; CMAQ+HSIP+STP Total Cost = \$11,205,600; MPO Evaluation Score = 61
	Roadway Reconstruction	608933	Boston Region	Peabody	PEABODY - REHABILITATION OF CENTRAL STREET	4	HSIP	\$ 1,500,000	\$ 1,350,000	\$ 150,000	Construction; CMAQ+HSIP+STP Total Cost = \$11,205,600; MPO Evaluation Score = 61
	Roadway Reconstruction	608933	Boston Region	Peabody	PEABODY - REHABILITATION OF CENTRAL STREET	4	STP	\$ 6,705,600	\$ 5,364,480	\$ 1,341,120	Construction; CMAQ+HSIP+STP Total Cost = \$11,205,600; MPO Evaluation Score = 61
	Roadway Reconstruction	607244	Boston Region	Winthrop	WINTHROP - RECONSTRUCTION & RELATED WORK ALONG WINTHROP STREET & REVERE STREET CORRIDOR	6	CMAQ	\$ 2,000,000	\$ 1,600,000	\$ 400,000	Construction; CMAQ+STP+TAP Total Cost = \$4,060,000; MPO Evaluation Score = 47
	Roadway Reconstruction	607244	Boston Region	Winthrop	WINTHROP - RECONSTRUCTION & RELATED WORK ALONG WINTHROP STREET & REVERE STREET CORRIDOR	6	STP	\$ 1,500,000	\$ 1,200,000	\$ 300,000	Construction; CMAQ+STP+TAP Total Cost = \$4,060,000; MPO Evaluation Score = 47
	Roadway Reconstruction	607244	Boston Region	Winthrop	WINTHROP - RECONSTRUCTION & RELATED WORK ALONG WINTHROP STREET & REVERE STREET CORRIDOR	6	TAP	\$ 560,000	\$ 448,000	\$ 112,000	Construction; CMAQ+STP+TAP Total Cost = \$4,060,000; MPO Evaluation Score = 54; TAP Proponent = Winthrop
	Roadway Reconstruction	605743	Boston Region	Ipswich	IPSWICH - RESURFACING &RELATED WORK ON CENTRAL & SOUTH MAIN STREETS	4	STP	\$ 2,500,000	\$ 2,000,000	\$ 500,000	Construction; STP+TAP Total Cost = \$3,019,550; MPO Evaluation Score = 47
	Roadway Reconstruction	605743	Boston Region	Ipswich	IPSWICH - RESURFACING &RELATED WORK ON CENTRAL & SOUTH MAIN STREETS	4	TAP	\$ 519,550	\$ 415,640	\$ 103,910	Construction; STP+TAP Total Cost = \$3,019,550; MPO Evaluation Score = 47; TAP Proponent = Ipswich
	Roadway Reconstruction	608887	Boston Region	Bellingham	BELLINGHAM - REHABILITATION AND RELATED WORK ON ROUTE 126, FROM DOUGLAS DRIVE TO ROUTE 140	3	CMAQ	\$ 2,000,000	\$ 1,600,000	\$ 400,000	Construction; CMAQ+STP+TAP Total Cost = \$6,960,000; MPO Evaluation Score = 45
	Roadway Reconstruction	608887	Boston Region	Bellingham	BELLINGHAM - REHABILITATION AND RELATED WORK ON ROUTE 126, FROM DOUGLAS DRIVE TO ROUTE 140	3	STP	\$ 4,000,000	\$ 3,200,000	\$ 800,000	Construction; CMAQ+STP+TAP Total Cost = \$6,960,000; MPO Evaluation Score = 45
	Roadway Reconstruction	608887	Boston Region	Bellingham	BELLINGHAM - REHABILITATION AND RELATED WORK ON ROUTE 126, FROM DOUGLAS DRIVE TO ROUTE 140	3	TAP	\$ 960,000	\$ 768,000	\$ 192,000	Construction; CMAQ+STP+TAP Total Cost = \$6,960,000; MPO Evaluation Score = 45; TAP Proponent = Bellingham
	Roadway Reconstruction	608707	Boston Region	Quincy	QUINCY - RECONSTRUCTION OF SEA STREET	6	STP	\$ 6,300,000	\$ 5,040,000	\$ 1,260,000	Construction; STP+TAP Total Cost = \$6,526,254; MPO Evaluation Score = 40
	Roadway Reconstruction	608707	Boston Region	Quincy	QUINCY - RECONSTRUCTION OF SEA STREET	6	TAP	\$ 226,254	\$ 181,003	\$ 45,251	Construction; STP+TAP Total Cost = \$6,526,254; MPO Evaluation Score = 40; TAP Project Proponent = Quincy
	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 BAILY ROAD	5	HSIP	\$ 1,500,000	\$ 1,350,000	\$ 150,000	Construction; HSIP+STP+TAP Total Cost = \$4,640,232; MPO Evaluation Score = 37

# DRAFT FFYs 2019-23 Transportation Improvement Program (TIP)

## 2023 Boston Region Transportation Improvement Program

Amendment / Adjustment Type ▼	STIP Program ▼	MassDOT Project ID ▼	Metropolitan Planning Organization ▼	Municipality Name ▼	MassDOT Project Description ▼	MassDOT District ▼	Funding Source ▼	Total Programmed Funds ▼	Federal Funds ▼	Non-Federal Funds ▼	Additional Information ▼
	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

<b>Total Regional Federal Aid Funds Programmed ▶</b>	<b>\$ 104,915,915</b>	<b>\$ 109,011,849</b>	<b>◀ Total Budget</b>	<b>\$ 4,095,934</b>	<b>Target Funds Available</b>
STP programmed ▶	\$ 81,514,400	\$ 65,211,520	◀ STP		
HSIP programmed ▶	\$ 6,968,283	\$ 6,271,455	◀ HSIP		
CMAQ programmed ▶	\$ 12,000,000	\$ 9,600,000	◀ CMAQ		
TAP programmed ▶	\$ 4,433,232	\$ 3,546,586	◀ TAP		

**Section 1A Instructions: MPO Template Name** Choose Regional Name from dropdown list to populate header and MPO column; **Column C** Enter ID from ProjectInfo; **Column E** Choose Municipality Name from dropdown list; **Column H** Choose the Funding Source being used for the project - if multiple funding sources are being used enter multiple lines; **Column I** Enter the total amount of funds being programmed in this fiscal year and for each funding source; **Column J** Federal funds autocalculates. Please verify the amount and only change if needed for flex; **Column K** Non-federal funds autocalculates. Please verify the split/match - if matching an FTA flex, coordinate with Rail & Transit Division before programming; **Column L** Enter Additional Information as described - please do not use any other format.

# DRAFT FFYs 2019-23 Transportation Improvement Program (TIP)

## 2023 Boston Region Transportation Improvement Program

Amendment / Adjustment Type ▼	STIP Program ▼	MassDOT Project ID ▼	Metropolitan Planning Organization ▼	Municipality Name ▼	MassDOT Project Description ▼	MassDOT District ▼	Funding Source ▼	Total Programmed Funds ▼	Federal Funds ▼	Non-Federal Funds ▼	Additional Information ▼	
<b>► Section 1B / Earmark or Discretionary Grant Funded Projects</b>												
<b>► Other Federal Aid</b>												
			Boston Region		Other Federal Aid		HPP	\$ -	\$ -	\$ -		
			Boston Region		Other Federal Aid		HPP	\$ -	\$ -	\$ -		
								<b>Other Federal Aid subtotal ►</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	◀ Funding Split Varies by Funding Source
<b>► Section 2A / State Prioritized Reliability Projects</b>												
<b>► Bridge Program / Inspections</b>												
	Bridge Program		Boston Region		Bridge Inspection			\$ -	\$ -	\$ -		
	Bridge Program		Boston Region		Bridge Inspection			\$ -	\$ -	\$ -		
								<b>Bridge Program / Inspections subtotal ►</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	◀ Funding Split Varies by Funding Source
<b>► Bridge Program / Off-System</b>												
	Bridge Program		Boston Region		Bridge Program / Off-System			\$ -	\$ -	\$ -		
	Bridge Program		Boston Region		Bridge Program / Off-System			\$ -	\$ -	\$ -		
	Bridge Program		Boston Region		Bridge Program / Off-System			\$ -	\$ -	\$ -		
	Bridge Program		Boston Region		Bridge Program / Off-System			\$ -	\$ -	\$ -		
	Bridge Program		Boston Region		Bridge Program / Off-System			\$ -	\$ -	\$ -		
	Bridge Program		Boston Region		Bridge Program / Off-System			\$ -	\$ -	\$ -		
	Bridge Program		Boston Region		Bridge Program / Off-System			\$ -	\$ -	\$ -		
								<b>Bridge Program / Off-System subtotal ►</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	◀ 80% Federal + 20% Non-Federal
<b>► Bridge Program / On-System (NHS)</b>												
	Bridge Program	606902	Boston Region	BOSTON	BOSTON- BRIDGE RECONSTRUCTION/REHAB, B-16-181, WEST ROXBURY PARKWAY OVER MBTA	6	NHPP-On	\$ 6,900,000	\$ 5,520,000	\$ 1,380,000		
AMENDMENT: Move Project (FROM 2022)	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	LYNN	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					
								<b>Bridge Program / On-System (NHS) subtotal ►</b>	<b>\$ 36,817,295</b>	<b>\$ 29,453,836</b>	<b>\$ 7,363,459</b>	◀ Funding Split Varies by Funding Source
<b>► Bridge Program / On-System (Non-NHS)</b>												
	Bridge Program	TBA	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		
								<b>Bridge Program / On-System (Non-NHS) subtotal ►</b>	<b>\$ 4,678,280</b>	<b>\$ 3,742,624</b>	<b>\$ 935,656</b>	◀ 80% Federal + 20% Non-Federal
<b>► Bridge Program / Systematic Maintenance</b>												
	Bridge Program	608609	Boston Region	NEWTON- WESTWOOD	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		
								<b>Bridge Program / Systematic Maintenance subtotal ►</b>	<b>\$ 2,142,857</b>	<b>\$ 1,714,285</b>	<b>\$ 428,571</b>	◀ Funding Split Varies by Funding Source
<b>► Interstate Pavement</b>												
	Interstate Pavement		Boston Region		Interstate Pavement			\$ -	\$ -	\$ -		
								<b>Interstate Pavement subtotal ►</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	◀ 90% Federal + 10% Non-Federal
<b>► Non-Interstate Pavement</b>												
	Non-Interstate Pavement	608495	Boston Region	Multiple	CONCORD- LINCOLN- LEXINGTON RESURFACING AND RELATED WORK ON ROUTE 2A	4	NHPP	\$ 3,480,000	\$ 2,784,000	\$ 696,000		
	Non-Interstate Pavement	609102	Boston Region	Multiple	WENHAM- MANCHESTER- ESSEX- GLOUCESTER- PAVEMENT PRESERVATION AND RELATED WORK ON ROUTE 128	4	NHPP	\$ 13,731,802	\$ 10,985,442	\$ 2,746,360		
								<b>Non-Interstate Pavement subtotal ►</b>	<b>\$ 17,211,802</b>	<b>\$ 13,769,442</b>	<b>\$ 3,442,360</b>	◀ 80% Federal + 20% Non-Federal

# DRAFT FFYs 2019-23 Transportation Improvement Program (TIP)

## 2023 Boston Region Transportation Improvement Program

Amendment / Adjustment Type ▼	STIP Program ▼	MassDOT Project ID ▼	Metropolitan Planning Organization ▼	Municipality Name ▼	MassDOT Project Description ▼	MassDOT District ▼	Funding Source ▼	Total Programmed Funds ▼	Federal Funds ▼	Non-Federal Funds ▼	Additional Information ▼
<b>► Roadway Improvements</b>											
	Roadway Improvements		Boston Region		Roadway Improvements			\$ -	\$ -	\$ -	
	Roadway Improvements		Boston Region		Roadway Improvements			\$ -	\$ -	\$ -	
	Roadway Improvements		Boston Region		Roadway Improvements			\$ -	\$ -	\$ -	
<b>Roadway Improvements subtotal ►</b>								<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>◀ 80% Federal + 20% Non-Federal</b>
<b>► Safety Improvements</b>											
	Safety Improvements	609053	Boston Region	Multiple	CANTON-DEDHAM-NORWOOD- HIGHWAY LIGHTING IMPROVEMENTS AT I93 & I95/128	6	NHPP	\$ 4,000,000	\$ 3,600,000	\$ 400,000	
	Safety Improvements	609058	Boston Region	Multiple	PEABODY TO GLOUCESTER- GUIDE AND TRAFFIC SIGN REPLACEMENT ON ROUTE 128	4	HSIP	\$ 1,960,848	\$ 1,764,764	\$ 196,085	
	Safety Improvements	609060	Boston Region	Multiple	LYNNFIELD- PEABODY- DANVERS- GUIDE AND TRAFFIC SIGN REPLACEMENT ON I-95/128 (TASK 'A' INTERCHANGE)	4	HSIP	\$ 492,862	\$ 443,576	\$ 49,286	
	Safety Improvements		Boston Region				HSIP		\$ -	\$ -	
	Safety Improvements		Boston Region				HSIP		\$ -	\$ -	
<b>Safety Improvements subtotal ►</b>								<b>\$ 6,453,711</b>	<b>\$ 5,808,340</b>	<b>\$ 645,371</b>	<b>◀ Funding Split Varies by Funding Source</b>
<b>► Section 2B / State Prioritized Modernization Projects</b>											
<b>► ADA Retrofits</b>											
	ADA Retrofits		Boston Region		ADA Retrofits			\$ -	\$ -	\$ -	
	ADA Retrofits		Boston Region		ADA Retrofits			\$ -	\$ -	\$ -	
<b>ADA Retrofits subtotal ►</b>								<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>◀ 80% Federal + 20% Non-Federal</b>
<b>► Intersection Improvements</b>											
	Intersection Improvements	608052	Boston Region	Norwood	NORWOOD- INTERSECTION & SIGNAL IMPROVEMENTS AT US 1 (PROVIDENCE HIGHWAY) & MORSE STREET	5	HSIP	\$ 974,815	\$ 877,334	\$ 97,482	
	Intersection Improvements	608564	Boston Region	Watertown	WATERTOWN- INTERSECTION IMPROVEMENTS AT ROUTE 16 AND GALEN STREET	6	HSIP	\$ 2,630,000	\$ 2,367,000	\$ 263,000	
	Intersection Improvements	608566	Boston Region	Marlborough	MARLBOROUGH- IMPROVEMENTS AT ROUTE 20 (EAST MAIN STREET) AT CURTIS AVENUE	3	HSIP	\$ 2,784,000	\$ 2,505,600	\$ 278,400	
	Intersection Improvements		Boston Region				HSIP				
<b>Intersection Improvements subtotal ►</b>								<b>\$ 6,388,815</b>	<b>\$ 5,749,934</b>	<b>\$ 638,882</b>	<b>◀ Funding Split Varies by Funding Source</b>
<b>► Intelligent Transportation Systems</b>											
	Intelligent Transportation Systems		Boston Region		Intelligent Transportation Systems			\$ -	\$ -	\$ -	
	Intelligent Transportation Systems		Boston Region		Intelligent Transportation Systems			\$ -	\$ -	\$ -	
	Intelligent Transportation Systems		Boston Region		Intelligent Transportation Systems			\$ -	\$ -	\$ -	
<b>Intelligent Transportation System subtotal ►</b>								<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>◀ 80% Federal + 20% Non-Federal</b>
<b>► Roadway Reconstruction</b>											
	Roadway Reconstruction	607977	Boston Region	Multiple	HOPKINTON- WESTBOROUGH- RECONSTRUCTION OF I-90/I-495 INTERCHANGE	3	NFP	\$ 30,000,000	\$ 24,000,000	\$ 6,000,000	
<b>Roadway Reconstruction subtotal ►</b>								<b>\$ 30,000,000</b>	<b>\$ 24,000,000</b>	<b>\$ 6,000,000</b>	<b>◀ Funding Split Varies by Funding Source</b>



# DRAFT FFYs 2019-23 Transportation Improvement Program (TIP)

## 2023 Boston Region Transportation Improvement Program

Amendment / Adjustment Type ▼	STIP Program ▼	MassDOT Project ID ▼	Metropolitan Planning Organization ▼	Municipality Name ▼	MassDOT Project Description ▼	MassDOT District ▼	Funding Source ▼	Total Programmed Funds ▼	Federal Funds ▼	Non-Federal Funds ▼	Additional Information ▼ <small>Present information as follows, if applicable: a) Planning / Design / or Construction; b) total project cost and funding sources used; c) advance construction status; d) MPO project score; e) name of entity receiving a transfer; f) name of entity paying the non-state non-federal match; g) easement 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			\$ -	\$ -	\$ -	
<b>Bicycles and Pedestrians subtotal ▶</b>								<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>◀ 80% Federal + 20% Non-Federal</b>

#### ▶ Capacity

	Capacity		Boston Region		Capacity			\$ -	\$ -	\$ -	
	Capacity		Boston Region		Capacity			\$ -	\$ -	\$ -	
<b>Capacity subtotal ▶</b>								<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>◀ Funding Split Varies by Funding Source</b>

### ▶ 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		\$ -	\$ -	\$ -	
<b>Other Statewide Items subtotal ▶</b>								<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>◀ Funding Split Varies by Funding Source</b>

### ▶ Section 4 / Non-Federally Aided Projects

#### ▶ Non-Federally Aided Projects

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

## 2023 Summary

	TIP Section 1 - 3: ▼	TIP Section 4: ▼	Total of All Projects ▼	
<b>Total ▶</b>	<b>\$ 208,608,674</b>	<b>\$ 18,112,483</b>	<b>\$ 226,721,157</b>	<b>◀ Total Spending in Region</b>
<b>Federal Funds ▶</b>	<b>\$ 168,868,020</b>	<b>\$ -</b>	<b>\$ 168,868,020</b>	<b>◀ Total Federal Spending in Region</b>
<b>Non-Federal Funds ▶</b>	<b>\$ 39,740,654</b>	<b>\$ 18,112,483</b>	<b>\$ 57,853,137</b>	<b>◀ Total Non-Federal Spending in Region</b>

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>

## DRAFT FFYs 2019-23 Transportation Improvement Program (TIP)

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

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

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