

2018 Boston Region Transportation Improvement Program

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Indicates a project moved out to another TIP element (cost not reflected in total)

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Amendment / Adjustment Type ▼	STIP Program ▼	MassDOT Project ID ▼	Metropolitan Planning Organization ▼	Municipality Name ▼	MassDOT Project Description ▼	MassDOT District ▼	Funding Source ▼	Total Programmed Funds ▼	Federal Funds ▼	Non-Federal Funds ▼	Additional Information ▼ <i>Present information as follows, if applicable:</i> a) Planning / Design / or Construction; b) total project cost and funding sources used; c) advance construction status; d) MPO project score; e) name of entity receiving a transfer; f) name of entity paying the non-state non-federal match; g) earmark details; h) TAP project proponent; i) other information
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► Section 1A / Regionally Prioritized Projects

► Regionally Prioritized Projects

Roadway reconstruction program	600518	Boston Region	Hingham	HINGHAM- INTERSECTION IMPROVEMENTS AT DERBY STREET, WHITING STREET (ROUTE 53) AND GARDNER STREET	5	HSIP	\$ 296,103	\$ 266,493	\$ 29,610	Construction; STP+HSIP+Statewide HSIP+Statewide STP Total Cost = \$2,844,392 \$4,042,738; MPO Evaluation Score = 28	
Roadway reconstruction program	600518	Boston Region	Hingham	HINGHAM- INTERSECTION IMPROVEMENTS AT DERBY STREET, WHITING STREET (ROUTE 53) AND GARDNER STREET	5	STP	\$ 2,548,289	\$ 2,038,631	\$ 509,658	Construction; STP+HSIP+Statewide HSIP+Statewide STP Total Cost = \$2,844,392 \$4,042,738; MPO Evaluation Score = 28	
Planning / Adjustments / Pass-throughs	1570	Boston Region	Multiple	GREEN LINE EXTENSION PROJECT- EXTENSION TO COLLEGE AVENUE WITH THE UNION SQUARE SPUR	6	CMAQ	\$ 46,500,000	\$ 37,200,000	\$ 9,300,000	Construction; STP+CMAQ+Section 5309 (Transit) Total MPO Contribution = \$190,000,000; funding flexed to FTA; match provided by local contributions; AC Yr 3 of 6	
Roadway reconstruction program	604989	Boston Region	Southborough	SOUTHBOROUGH- RECONSTRUCTION OF MAIN STREET (ROUTE 30), FROM SEARS ROAD TO PARK STREET	6	CMAQ	\$ 1,000,000	\$ 800,000	\$ 200,000	Construction; CMAQ+TAP+STP Total Cost = \$7,271,690; MPO Evaluation Score = 42	
Roadway reconstruction program	604989	Boston Region	Southborough	SOUTHBOROUGH- RECONSTRUCTION OF MAIN STREET (ROUTE 30), FROM SEARS ROAD TO PARK STREET	3	TAP	\$ 1,456,250	\$ 1,165,000	\$ 291,250	Construction; CMAQ+TAP+STP Total Cost = \$7,271,690; MPO Evaluation Score = 42; TAP project proponent = Southborough	
Roadway reconstruction program	604989	Boston Region	Southborough	SOUTHBOROUGH- RECONSTRUCTION OF MAIN STREET (ROUTE 30), FROM SEARS ROAD TO PARK STREET	3	STP	\$ 4,815,440	\$ 3,852,352	\$ 963,088	Construction; CMAQ+TAP+STP Total Cost = \$7,271,690; MPO Evaluation Score = 42	
Roadway reconstruction program	605110	Boston Region	Brookline	BROOKLINE- INTERSECTION & SIGNAL IMPROVEMENTS @ ROUTE 9 & VILLAGE SQUARE (GATEWAY EAST)	6	CMAQ	\$ 1,000,000	\$ 800,000	\$ 200,000	Construction; TAP+STP+CMAQ+Statewide STP+Private Sector Contribution (\$1,000,000) = \$7,673,204 ; MPO Evaluation Score = 68	
Roadway reconstruction program	605110	Boston Region	Brookline	BROOKLINE- INTERSECTION & SIGNAL IMPROVEMENTS @ ROUTE 9 & VILLAGE SQUARE (GATEWAY EAST)	6	TAP	\$ 1,255,000	\$ 1,004,000	\$ 251,000	Construction; TAP+STP+CMAQ+Statewide STP+Private Sector Contribution (\$1,000,000) = \$7,673,204 ; MPO Evaluation Score = 69	
Roadway reconstruction program	605110	Boston Region	Brookline	BROOKLINE- INTERSECTION & SIGNAL IMPROVEMENTS @ ROUTE 9 & VILLAGE SQUARE (GATEWAY EAST)	6	STP	\$ 3,745,834	\$ 2,996,667	\$ 749,167	Construction; TAP+STP+CMAQ+Statewide STP+Private Sector Contribution (\$1,000,000) = \$7,673,204 ; MPO Evaluation Score = 70	
Capacity program	601630	Boston Region	Multiple	WEYMOUTH- ABINGTON- RECONSTRUCTION & WIDENING ON ROUTE 18 (MAIN STREET) FROM HIGHLAND PLACE TO ROUTE 139 (4.0 MILES) INCLUDES REPLACING W-32-013, ROUTE 18 OVER THE OLD COLONY RAILROAD (MBTA)	6	STP	\$ 27,631,758	\$ 22,105,406	\$ 5,526,352	Construction; STP+NHPP+HSIP+TEA-21 Earmark+BR Total Cost = \$81,812,268; AC Yr 3 of 3 (project originally funded into FFY 2019, but all remaining funding was transferred into FFY 2018)	
Capacity program	603711	Boston Region	Multiple	NEEDHAM- WELLESLEY- REHAB/REPLACEMENT OF 6 BRIDGES ON I-95/ROUTE 128: N-04-020, N-04-021, N-04-022, N-04-026, N-04-027, N-04-037 & W-13-023 (ADD-A-LANE - CONTRACT V)	6	NHPP	\$ 1,988,367	\$ 1,590,694	\$ 397,673	Construction; NHPP+BR+Statewide Infrastructure Total Cost = \$164,919,140 (\$1,988,367 programmed within FFYs 2018-22 TIP) ; AC Yr 5 of 5	
Bicycles and pedestrians program	608352	Boston Region	Salem	SALEM- CANAL STREET RAIL TRAIL CONSTRUCTION (PHASE 2)	4	TAP	\$ 2,787,456	\$ 2,229,965	\$ 557,491	Construction; TAP Total Cost = \$2,787,456; MPO Evaluation Score = 37; TAP project proponent = Salem	
Regionally Prioritized Projects subtotal ►								\$ 95,024,497	\$ 76,049,208	\$ 18,975,289	◀ 80% Federal + 20% Non-Federal

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► Section 1A / Fiscal Constraint Analysis

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

Total Regional Federal Aid Funds Programmed ►		\$ 95,024,497	\$ 95,038,936	◀ Total Budget	\$ 14,439	Target Funds Available
STP programmed ►	\$ 40,729,688	\$ 77,071,365	◀ Max STP	\$ 36,341,677	STP available	
HSIP programmed ►	\$ 296,103	\$ 4,296,710	◀ Min. HSIP	\$ 4,000,607	HSIP recommended not met	
CMAQ programmed ►	\$ 48,500,000	\$ 10,741,776	◀ Min. CMAQ	\$ (37,758,224)	CMAQ recommended met	
TAP programmed ►	\$ 5,498,706	\$ 2,929,085	◀ Min. TAP	\$ (2,569,621)	TAP amount exceeded!	
Remaining HSIP, CMAQ, and TAP Funds		\$ 14,439				

► Section 1B / Earmark or Discretionary Grant Funded Projects

► Other Federal Aid

Earmark Discretionary	Project ID	Region	Municipality	Description	MassDOT District	Funding Source	Total Programmed Funds	Federal Funds	Non-Federal Funds	Additional Information
Earmark Discretionary	606134	Boston Region	Boston	BOSTON- TRAFFIC SIGNAL IMPROVEMENTS ON BLUE HILL AVENUE AND WARREN STREET	6	HPP	\$ 2,501,046	\$ 2,000,837	\$ 500,209	Construction; HPP 2129 (MA155); total cost increasing from \$2,501,046 to \$3,549,862. Increase covered under Section 2A/Safety Improvements
Earmark Discretionary	606381	Boston Region	Multiple	ARLINGTON- BELMONT- HIGHWAY LIGHTING REPAIR & MAINTENANCE ON ROUTE 2	4	HPP	\$ 1,076,625	\$ 861,300	\$ 215,325	Construction; HPP L020 (MAM03); total cost increasing from \$9,100,506 to \$14,178,273. Increase covered under Section 2A/Safety Improvements
Earmark Discretionary	606381	Boston Region	Multiple	ARLINGTON- BELMONT- HIGHWAY LIGHTING REPAIR & MAINTENANCE ON ROUTE 2	4	HPP	\$ 2,137,500	\$ 1,710,000	\$ 427,500	Construction; HPP H020 (MAM04); total cost increasing from \$9,100,506 to \$14,178,273. Increase covered under Section 2A/Safety Improvements
Earmark Discretionary	608823	Boston Region	Multiple	WELLESLEY- NEWTON- WESTON- PAVEMENT RESURFACING AND RELATED WORK ON I-95	6	HPP	\$ 1,998,390	\$ 1,598,712	\$ 399,678	Construction; HPP H020 (MAM01)
Earmark Discretionary	608823	Boston Region	Multiple	WELLESLEY- NEWTON- WESTON- PAVEMENT RESURFACING AND RELATED WORK ON I-95	6	HPP	\$ 2,137,500	\$ 1,710,000	\$ 427,500	Construction; HPP H020 (MAM02)
Earmark Discretionary	608823	Boston Region	Multiple	WELLESLEY- NEWTON- WESTON- PAVEMENT RESURFACING AND RELATED WORK ON I-95	6	FBD	\$ 329,525	\$ 263,620	\$ 65,905	Construction; FBD MAF01
Other Federal Aid subtotal ►							\$ 10,180,586	\$ 8,144,469	\$ 2,036,117	◀ Funding Split Varies by Funding Source

► Section 2A / State Prioritized Reliability Projects

► Bridge Program / Inspections

Bridge Program	Project #	Statewide	N/A	Bridge Inspection	Multiple	NHPP	Total Programmed Funds	Federal Funds	Non-Federal Funds	Additional Information
Bridge Program	Project #	Statewide	N/A	Bridge Inspection	Multiple	NHPP	\$ -	\$ -	\$ -	
Bridge Program / Inspections subtotal ►							\$ -	\$ -	\$ -	◀ Funding Split Varies by Funding Source

► Bridge Program / Off-System

Bridge Program	Project #	Region	Municipality	Description	MassDOT District	Funding Source	Total Programmed Funds	Federal Funds	Non-Federal Funds	Additional Information
Bridge Program	607133	Boston Region	Quincy	QUINCY- SUPERSTRUCTURE REPLACEMENT, Q-01-039, ROBERTSON STREET OVER I-93/US 1/SR 3	6	STP-BR-OFF	\$ 4,663,678	\$ 3,730,943	\$ 932,736	
AMENDMENT: Decrease Cost	606632	Boston Region	Multiple	HOPKINTON- WESTBOROUGH- BRIDGE REPLACEMENT, H-23-006=W-24-016, FRUIT STREET OVER CSX & SUDBURY RIVER	3	STP-BR-OFF	\$ 11,465,706	\$ 9,172,565	\$ 2,293,141	Construction Cost decreased from \$12,993,071
Bridge Program	604655	Boston Region	Marshfield	MARSHFIELD- BRIDGE REPLACEMENT, M-07-007, BEACH STREET OVER THE CUT RIVER	5	STP-BR-OFF	\$ 4,189,856	\$ 3,351,884	\$ 837,971	Construction
Bridge Program	607533	Boston Region	Waltham	WALTHAM- BRIDGE REPLACEMENT, W-04-006, WOERD AVENUE OVER CHARLES RIVER	4	STP-BR-OFF	\$ 3,327,210	\$ 2,661,768	\$ 665,442	Construction
Bridge Program / Off-System subtotal ►							\$ 23,646,449	\$ 18,917,160	\$ 4,729,290	◀ 80% Federal + 20% Non-Federal

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► Bridge Program / On-System (NHS)											
AMENDMENT: Increase Cost	Bridge Program	605287	Boston Region	Chelsea	CHELSEA- ROUTE 1 VIADUCT REHABILITATION (SB/NB) ON C-09-007 & C-09-011	6	NHPP-On	\$ 71,349,636	\$ 57,079,709	\$ 14,269,927	AC Year 1 of 4, Total Cost increased from \$110,000,000 to \$213,972,689
AMENDMENT: Remove Project	Bridge Program	604952	Boston Region	Multiple	LYNN- SAUGUS- BRIDGE REPLACEMENT, L-18-016-S-05-008, ROUTE 107 OVER THE SAUGUS- RIVER (AKA- BELDEN G. BLY BRIDGE)	4	NHPP-Off	\$ 17,175,797	\$ 13,740,638	\$ 3,435,159	AC Year 1 of 2, Total Cost \$51,527,391; Project cost increased from \$51,527,391 to \$74,471,140. Project funded in FFYs 2019 through 2023.
	Bridge Program	604173	Boston Region	Boston	BOSTON- BRIDGE REPLACEMENT, B-16-016, NORTH WASHINGTON STREET OVER THE BOSTON INNER HARBOR	6	NHPP-On	\$ 35,000,000	\$ 28,000,000	\$ 7,000,000	AC Year 2 of 6, Total Project Cost increased from \$176,318,433 to \$193,058,158.
Bridge Program / On-System (NHS) subtotal ►								\$ 106,349,636	\$ 85,079,709	\$ 21,269,927	◀ Funding Split Varies by Funding Source
► Bridge Program / On-System (Non-NHS)											
	Bridge Program	Project #	MPO	N/A	Description	District	NHPP-Off	\$ -	\$ -	\$ -	
Bridge Program / On-System (Non-NHS) subtotal ►								\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal
► Bridge Program / Systematic Maintenance											
	Bridge Program	607915	Boston Region	Multiple	NEWTON- WELLESLEY- WESTON- BRIDGE MAINTENANCE OF N-12-063, N-12-054, N-12-055 & N-12-056 ON I-95/ROUTE 128	6	NHPP-On	\$ 1,596,667	\$ 1,277,334	\$ 319,333	Construction
	Bridge Program	608521	Boston Region	Salem	SALEM- BRIDGE MAINTENANCE, S-01-018 (32T), (ST 114) NORTH STREET OVER (ST 107) BRIDGE STREET & MBTA	4	NHPP-On	\$ 2,816,780	\$ 2,253,424	\$ 563,356	Construction; cost increase from \$2,400,000 to \$2,816,780.
Bridge Program / Systematic Maintenance subtotal ►								\$ 4,413,447	\$ 3,530,758	\$ 882,689	◀ Funding Split Varies by Funding Source
► Interstate Pavement											
	Interstate Pavement	608823	Boston Region	Multiple	WELLESLEY- NEWTON- WESTON- PAVEMENT RESURFACING AND RELATED WORK ON I-95	6	NHPP	\$ 2,398,293	\$ 2,158,464	\$ 239,829	Construction
Interstate Pavement subtotal ►								\$ 2,398,293	\$ 2,158,464	\$ 239,829	◀ 90% Federal + 10% Non-Federal
► Non-Interstate Pavement											
	Non-Interstate Pavement	608008	Boston Region	Saugus	SAUGUS- RESURFACING AND RELATED WORK ON ROUTE 1	4	NHPP	\$ 9,812,880	\$ 7,850,304	\$ 1,962,576	Construction
	Non-Interstate Pavement	608478	Boston Region	Concord	CONCORD- RESURFACING AND RELATED WORK ON ROUTE 2	4	NHPP	\$ 6,136,554	\$ 4,909,243	\$ 1,227,311	Construction
	Non-Interstate Pavement	608379	Boston Region	Multiple	LEXINGTON- BELMONT- ARLINGTON- CAMBRIDGE- PAVEMENT PRESERVATION ON ROUTE 2	4	NHPP	\$ 8,437,000	\$ 6,749,600	\$ 1,687,400	Construction / Includes \$1,040,000 of stormwater improvements
	Non-Interstate Pavement	608069	Boston Region	Multiple	MARSHFIELD- PEMBROKE- NORWELL- HANOVER- ROCKLAND- HINGHAM- RESURFACING & RELATED WORK ON ROUTE 3	5	NHPP	\$ 13,876,216	\$ 11,100,973	\$ 2,775,243	Construction / Includes \$400,000 of stormwater improvements
	Non-Interstate Pavement	604804	Boston Region	Reading	READING- RESURFACING AND RELATED WORK ON ROUTE 28	4	NHPP	\$ 7,424,556	\$ 5,939,645	\$ 1,484,911	Replacement for Lynnfield/Peabody (607477) in FFY 2017 (TFPC was \$8,892,334)
Non-Interstate Pavement subtotal ►								\$ 45,687,206	\$ 36,549,765	\$ 9,137,441	◀ 80% Federal + 20% Non-Federal

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► Roadway Improvements

Roadway Improvements	Project #	MPO	Multiple	Description	District	STP-TE	\$	\$	\$	
Roadway Improvements subtotal ►							\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal

► Safety Improvements

AMENDMENT:Increase Cost	Safety Improvements	606381	Boston Region	Multiple	ARLINGTON- BELMONT- HIGHWAY LIGHTING REPAIR & MAINTENANCE ON ROUTE 2	4	STP	\$ 10,964,148	\$ 8,771,319	\$ 2,192,830	Construction; total cost increasing from \$9,100,506 to \$14,178,273. Increase covered under Section 2A/Safety Improvements
AMENDMENT:Increase Cost	Safety Improvements	606134	Boston Region	Boston	BOSTON- TRAFFIC SIGNAL IMPROVEMENTS ON BLUE HILL AVENUE AND WARREN STREET	6	STP	\$ 3,549,862	\$ 2,839,890	\$ 709,972	Construction; originally funded under Section 1B, cost increase funded with Statewide STP
	Safety Improvements	608013	Boston Region	Quincy	QUINCY- INTERSECTION IMPROVEMENTS @ SEA STREET & QUINCY SHORE DRIVE	6	HSIP	\$ 2,362,997	\$ 1,890,398	\$ 472,599	Replacement for Statewide HSIP Placeholder
Safety Improvements subtotal ►							\$ 16,877,007	\$ 13,501,606	\$ 3,375,401	◀ Funding Split Varies by Funding Source	

► Section 2B / State Prioritized Modernization Projects

► ADA Retrofits

ADA Retrofits	Project #	MPO	Municipalities	Description	District	STP	\$	\$	\$	
ADA Retrofits subtotal ►							\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal

► Intersection Improvements

Intersection Improvements	608651	Boston Region	Braintree	BRAINTREE- ADAPTIVE SIGNAL CONTROLS ON ROUTE 37 (GRANITE STREET)	6	CMAQ	\$ 500,000	\$ 400,000	\$ 100,000	Construction
Intersection Improvements subtotal ►							\$ 500,000	\$ 400,000	\$ 100,000	◀ Funding Split Varies by Funding Source

► Intelligent Transportation Systems

Intelligent Transportation Systems	Project #	Statewide	Multiple	Description	Multiple	NHPP	\$	\$	\$	
Intelligent Transportation System subtotal ►							\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal

► Roadway Reconstruction

Roadway Reconstruction	600518	Boston Region	Hingham	HINGHAM- INTERSECTION IMPROVEMENTS AT DERBY STREET, WHITING STREET (ROUTE 53) AND GARDNER STREET	5	STP	\$ 599,173	\$ 479,338	\$ 119,835	Construction; STP+HSIP+Statewide HSIP+Statewide STP Total Cost = \$2,844,392 \$4,042,738; MPO Evaluation Score = 28
Roadway Reconstruction	600518	Boston Region	Hingham	HINGHAM- INTERSECTION IMPROVEMENTS AT DERBY STREET, WHITING STREET (ROUTE 53) AND GARDNER STREET	5	HSIP	\$ 599,173	\$ 479,338	\$ 119,835	Construction; STP+HSIP+Statewide HSIP+Statewide STP Total Cost = \$2,844,392 \$4,042,738; MPO Evaluation Score = 28
AMENDMENT:Increase Cost	Roadway Reconstruction	605110	Boston Region	BROOKLINE- INTERSECTION & SIGNAL IMPROVEMENTS @ ROUTE 9 & VILLAGE SQUARE (GATEWAY EAST)	6	STP	\$ 672,370	\$ 537,896	\$ 134,474	Construction; TAP+STP+CMAQ+Statewide STP+Private Sector Contribution (\$1,000,000) = \$7,673,204; MPO Evaluation Score = 70
Roadway Reconstruction subtotal ►							\$ 1,870,716	\$ 1,496,573	\$ 374,143	◀ 80% Federal + 20% Non-Federal

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► Section 2C / State Prioritized Expansion Projects

► Bicycles and Pedestrians

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
	Bicycles and Pedestrians	607732	Boston Region	Multiple	FRAMINGHAM- NATICK- COCHITUATE RAIL TRAIL CONSTRUCTION INCLUDING PEDESTRIAN BRIDGE, N-03-014, OVER ROUTE 9 & F-07-033=N-03-029 OVER ROUTE 30	3	TAP	\$ 7,152,508	\$ 5,722,006	\$ 1,430,502	Construction / PSAC score 35.5; total cost increasing from \$9,770,863 to \$12,074,327. Increase covered below under Statewide STP-TE.
AMENDMENT:Increase Cost	Bicycles and Pedestrians	607732	Boston Region	Multiple	FRAMINGHAM- NATICK- COCHITUATE RAIL TRAIL CONSTRUCTION INCLUDING PEDESTRIAN BRIDGE, N-03-014, OVER ROUTE 9 & F-07-033=N-03-029 OVER ROUTE 30	3	STP-TE	\$ 4,921,819	\$ 3,937,455	\$ 984,364	Construction / PSAC score 35.5; total cost increasing from \$9,770,863 to \$12,074,327. Increase covered below under Statewide STP-TE.
Bicycles and Pedestrians subtotal ►								\$ 12,074,327	\$ 9,659,462	\$ 2,414,865	◀ 80% Federal + 20% Non-Federal

► Capacity

Capacity	Project #	MPO	Municipalities	Description	District	CMAQ	\$	\$	\$		
							-	-	-		
Capacity subtotal ►							\$ -	\$ -	\$ -		◀ Funding Split Varies by Funding Source

► Section 3 / Planning / Adjustments / Pass-throughs

► Planning / Adjustments / Pass-throughs

Planning / Adjustments / Pass-throughs	Project #	Statewide	Multiple	Description	Multiple	NHPP	\$	\$	\$		
							-	-	-		
Other Statewide Items subtotal ►							\$ -	\$ -	\$ -		◀ Funding Split Varies by Funding Source

► Section 4 / Non-Federally Aided Projects

► Non-Federally Aided Projects

Non Federal Aid	Project #	MPO	Municipalities	Description	District	NFA	\$	\$	\$		
							-	-	-		
Non-Federal Aid subtotal ►							\$ -	\$ -	\$ -		◀ 100% Non-Federal

2018 Summary

	TIP Section 1 - 3: ▼	TIP Section 4: ▼	Total of All Projects ▼	
Total ►	\$ 319,022,165	\$ -	\$ 319,022,165	◀ Total Spending in Region
Federal Funds ►	\$ 255,487,172	\$ -	\$ 255,487,172	◀ Total Federal Spending in Region
Non-Federal Funds ►	\$ 63,534,993	\$ -	\$ 63,534,993	◀ Total Non-Federal Spending in Region

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

**Transportation Improvement Program (TIP)
 Project List (FY2018)**

FTA Program	Project Number	Transit Agency	FTA Activity Line Item	Project Description	Carryover (unobligated)	Federal Funds	State Funds	TDC	Local Funds	Total Cost
5307										
	5307 RTD0005465	Cape Ann Transportation Authority	117A00	PREVENTIVE MAINTENANCE		\$350,000	\$0	\$0	\$87,500	\$437,500
	5307 RTD0005467	Cape Ann Transportation Authority	114206	ACQUIRE - SHOP EQ/SOFTWARE MAINT		\$40,000	\$10,000	\$0	\$0	\$50,000
	5307 RTD0005469	Cape Ann Transportation Authority	114220	ACQUIRE - MISC SUPPORT EQUIPMENT		\$27,267	\$6,817	\$0	\$0	\$34,084
	5307 RTD0005473	Cape Ann Transportation Authority	114206	REHAB/RENO - CATA FACILITY REHAB- SHELTERS Railroad, P&R, Emerson		\$52,000	\$13,000	\$0	\$0	\$65,000
	5307 RTD0005474	Cape Ann Transportation Authority	113410	Ave		\$33,600	\$8,400	\$0	\$0	\$42,000
	5307 RTD0005475	Cape Ann Transportation Authority	113310	CONSTRUCT - BUS SHELTER-CATA HUB/COA REHAB/RENOVATE - BUS PASSENGER		\$14,400	\$3,600	\$0	\$0	\$18,000
	5307 RTD0005476	Cape Ann Transportation Authority	113410	SHELTERS		\$9,600	\$2,400	\$0	\$0	\$12,000
	5307 RTD0005989	MetroWest Regional Transit Authority	113403	TERMINAL, INTERMODAL (TRANSIT)	2017 - \$69,342	\$69,342	\$169,462	\$0	\$0	\$238,804
	5307 RTD0005990	MetroWest Regional Transit Authority	117C00	NON FIXED ROUTE ADA PARA SERV ACQUISITION OF BUS SUPPORT	2017 - \$122,079	\$12,720	\$589,479	\$0	\$0	\$2,947,396
	5307 RTD0005991	MetroWest Regional Transit Authority	114200	EQUIP/FACILITIES		\$12,720	\$186,392	\$0	\$0	\$199,112
	5307 RTD0006350	Massachusetts Bay Transportation Authority (MBTA)	121200	Revenue Vehicle Program		\$76,857,957	\$0	\$0	\$19,214,494	\$96,072,451
	5307 RTD0007324	Massachusetts Bay Transportation Authority (MBTA)	123402	Elevator and Escalator Program		\$39,200,000	\$0	\$0	\$9,800,000	\$49,000,000
	5307 RTD0007323	Massachusetts Bay Transportation Authority (MBTA)	126301	Signals/Systems Upgrade Program		\$64,000,000	\$0	\$0	\$16,000,000	\$80,000,000
				Subtotal		\$183,024,803	\$989,550	\$0	\$45,101,994	\$229,116,347
5309										
	5309 RTD0005980	Massachusetts Bay Transportation Authority (MBTA)	132303	Green Line Extension Project		\$550,000,000	\$0	\$0	\$550,000,473	\$1,100,000,473
				Subtotal		\$550,000,000	\$0	\$0	\$550,000,473	\$1,100,000,473

5310										
5310	RTD0006417	Cape Ann Transportation Authority		111215	Replacement Vans (3) CTGP	\$163,360	\$40,840	\$0	\$0	\$204,200
5310	RTD0006468	MetroWest Regional Transit Authority		300901	MWRTA 5310 Operating Project FY18	\$250,000	\$250,000	\$0	\$0	\$500,000
5310	RTD0006536	MetroWest Regional Transit Authority		440000	MWRTA 5310 Travel Training Initiative (TTI)	\$80,000	\$20,000	\$0	\$0	\$100,000
					MWRTA 5310 MAP Replacement Vehicles					
5310	RTD0006470	MetroWest Regional Transit Authority		111215	FY18	\$727,360	\$181,840	\$0	\$0	\$909,200
5310	RTD0006471	MetroWest Regional Transit Authority		111300	MWRTA 5310 MAP New Vehicles FY18	\$173,840	\$43,460	\$0	\$0	\$217,300
5310	RTD0006412	Greater Lynn Senior Services, Inc.		111204	BUY REPLACEMENT <30 FT BUS (11)	\$141,840	\$378,240	\$0	\$130,020	\$650,100
5310	RTD0006521	Greater Lynn Senior Services, Inc.		400000	PLANNING	\$242,267	\$0	\$0	\$60,230	\$302,497
5310	RTD0006561	SCM Community Transportation, Inc.		300901	Operating Project - Ride Relief	\$89,000	\$0	\$0	\$89,000	\$178,000
5310	RTD0006416	Town of Bedford		300901	UP TO 50% FEDERAL SHARE	\$47,000	\$0	\$0	\$47,000	\$94,000
5310	RTD0006464	City of Boston	117L00		MOBILITY MANAGEMENT	\$170,017	\$0	\$0	\$42,504	\$212,521
5310	RTD0006495	Town of Acton		300901	UP TO 50% FEDERAL SHARE - Dispatch	\$41,000	\$0	\$0	\$41,000	\$82,000
5310	RTD0006519	Town of Acton		300901	UP TO 50% FEDERAL SHARE - Shuttle	\$60,000	\$0	\$0	\$60,000	\$120,000
					COORDINATION OF NON-EMERGENCY					
5310	RTD0006432	Mystic Valley Elder Services, Inc.		1000048	HUMAN SERVICE TRANSPORTATION	\$157,312	\$0	\$0	\$39,328	\$196,640
5310	RTD0006531	Town of Brookline		1000048	MOBILITY MANAGEMENT (5302(A)(1)(L))	\$102,012	\$0	\$0	\$25,503	\$127,515
Subtotal						\$2,445,008	\$914,380	\$0	\$534,585	\$3,893,973
5311										
Subtotal						\$0	\$0	\$0	\$0	\$0
5337										
5337	RTD0006352	Massachusetts Bay Transportation Authority (MBTA)		122405	Bridge & Tunnel Program	\$140,512,259	\$0	\$0	\$35,128,065	\$175,640,324
5337	RTD0006353	Massachusetts Bay Transportation Authority (MBTA)		123400	Stations and Facilities Program	\$108,483,134	\$0	\$0	\$27,120,783	\$135,603,917
5337	RTD0007327	Massachusetts Bay Transportation Authority (MBTA)		126301	Signals/Systems Upgrade Program	\$45,815,066	\$0	\$0	\$11,453,766	\$57,268,832
5337	RTD0007336	Massachusetts Bay Transportation Authority (MBTA)		126301	PTC - Discretionary Grant	\$7,815,963	\$0	\$0	\$1,953,991	\$9,769,954
Subtotal						\$302,626,422	\$0	\$0	\$75,656,605	\$378,283,027
5339										
5339	RTD0006355	Massachusetts Bay Transportation Authority (MBTA)		111400	Bus Program	\$15,922,024	\$0	\$0	\$3,980,505	\$19,902,529
5339	RTD0007333	Massachusetts Bay Transportation Authority (MBTA)		123311	Quincy Center Bus Terminal	\$4,273,771	\$0	\$0	\$1,068,443	\$5,342,214
Subtotal						\$20,195,795	\$0	\$0	\$5,048,948	\$25,244,743

5320				Subtotal	\$0	\$0	\$0	\$0	\$0
Other Federal									
Other Federal	RTD0007335	Massachusetts Bay Transportation Authority (MBTA)	126301 PTC - RRIF/TIFIA Financing	\$382,000,000	\$0	\$0	\$95,500,000	\$477,500,000	
Other Federal	RTD0007340	Massachusetts Bay Transportation Authority (MBTA)	112401 Repurposed Bus Earmarks	\$2,039,691	\$0	\$0	\$509,923	\$2,549,614	
Subtotal				\$384,039,691	\$0	\$0	\$96,009,923	\$480,049,614	
Other Non-Federal									
Other Non-Federal	RTD0006002	MetroWest Regional Transit Authority	115320 CONSTRUCT MISC ELEC/POWER EQUIP	\$0	\$500,000	\$0	\$0	\$500,000	
Other Non-Federal	RTD0006479	HealthCare Options, Inc.	111215 BUY REPLACEMENT VAN (4)	\$0	\$205,440	\$0	\$51,360	\$256,800	
Other Non-Federal	RTD0006538	Arlington Council on Aging	111200 BUY REPLACEMENTS - CAPITOL BUS	\$0	\$47,280	\$0	\$11,820	\$59,100	
Other Non-Federal	RTD0006527	Belmont Council on Aging	111215 BUY REPLACEMENT VAN (1)	\$0	\$44,960	\$0	\$11,240	\$56,200	
Other Non-Federal	RTD0006501	Town of Danvers	111215 BUY REPLACEMENT VAN (1)	\$0	\$44,960	\$0	\$11,240	\$56,200	
Other Non-Federal	RTD0006502	Town of Manchester	111215 BUY REPLACEMENT VAN (1)	\$0	\$47,280	\$0	\$11,820	\$59,100	
Other Non-Federal	RTD0006516	Town of Manchester	111315 BUY VAN FOR SVC EXPANSION (1)	\$0	\$44,960	\$0	\$11,240	\$56,200	
Other Non-Federal	RTD0006465	Town of Marblehead	111203 BUY REPLACEMENT 30-FT BUS	\$0	\$51,360	\$0	\$12,840	\$64,200	
Other Non-Federal	RTD0006547	City of Salem (COA)	111203 BUY REPLACEMENT 30-FT BUS	\$0	\$54,400	\$0	\$13,600	\$68,000	
Other Non-Federal	RTD0006466	Sharon Council on Aging	111215 BUY REPLACEMENT VAN	\$0	\$47,280	\$0	\$11,820	\$59,100	
			BUY VAN FOR SVC EXPANSION - Stoneham						
Other Non-Federal	RTD0006462	Stoneham Council on Aging	111315 CoA Accessibility Connectivity	\$0	\$44,960	\$0	\$11,240	\$56,200	
Other Non-Federal	RTD0006485	Swampscott Senior Center/COA	111215 BUY REPLACEMENT VAN (1)	\$0	\$51,360	\$0	\$12,840	\$64,200	
Other Non-Federal	RTD0006490	Town of Wenham	111215 BUY REPLACEMENT VAN (1)	\$0	\$47,280	\$0	\$11,820	\$59,100	
Other Non-Federal	RTD0006503	Weymouth Council on Aging	111200 BUY REPLACEMENTS - CAPITOL BUS	\$0	\$56,000	\$0	\$14,000	\$70,000	
Subtotal				\$0	\$1,287,520	\$0	\$196,880	\$1,484,400	
Total				\$1,442,331,719	\$3,191,450	\$0	\$772,549,408	\$2,218,072,577	

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

2019 Boston Region Transportation Improvement Program

Indicates a change in project cost

Indicates removed from TIP (cost not reflected in total)

Indicates a project moved in from another TIP element

Indicates a project moved out to another TIP element (cost not reflected in total)

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

Indicates a new funding category

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

Roadway reconstruction program	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	\$ 1,940,476	\$ 1,746,428	\$ 194,048	Construction; CMAQ+HSIP Total Cost = \$2,727,881; MPO Evaluation Score = 54
Roadway reconstruction program	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	\$ 787,405	\$ 629,924	\$ 157,481	Construction; CMAQ+HSIP Total Cost = \$2,727,881; MPO Evaluation Score = 54
Roadway reconstruction program	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	Cosntruction; CMAQ+STP+HSIP+TAP Total Cost = \$16,599,002; MPO Evaluation Score = 73
Roadway reconstruction program	607652	Boston Region	Everett	EVERETT- RECONSTRUCTION OF FERRY STREET, SOUTH FERRY STREET AND A PORTION OF ELM STREET	4	CMAQ	\$ 1,718,934	\$ 1,375,147	\$ 343,787	Cosntruction; CMAQ+STP+HSIP+TAP Total Cost = \$16,599,002; MPO Evaluation Score = 73
Roadway reconstruction program	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	Cosntruction; CMAQ+STP+HSIP+TAP Total Cost = \$16,599,002; MPO Evaluation Score = 73; TAP project proponent = Everett
Roadway reconstruction program	607652	Boston Region	Everett	EVERETT- RECONSTRUCTION OF FERRY STREET, SOUTH FERRY STREET AND A PORTION OF ELM STREET	4	STP	\$ 13,105,361	\$ 10,484,289	\$ 2,621,072	Cosntruction; CMAQ+STP+HSIP+TAP Total Cost = \$16,599,002; MPO Evaluation Score = 73
Roadway reconstruction program	606043	Boston Region	Hopkinton	HOPKINTON- SIGNAL & INTERSECTION IMPROVEMENTS ON ROUTE 135	3	CMAQ	\$ 2,275,206	\$ 1,820,165	\$ 455,041	Construction; CMAQ+STP Total Cost = \$8,174,400
Roadway reconstruction program	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 = \$8,174,400
Planning / Adjustments / Pass-throughs	1570	Boston Region	Multiple	GREEN LINE EXTENSION PROJECT- EXTENSION TO COLLEGE AVENUE WITH THE UNION SQUARE SPUR	6	CMAQ	\$ 20,145,846	\$ 16,116,677	\$ 4,029,169	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	\$ 20,354,154	\$ 16,283,323	\$ 4,070,831	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 program	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 = \$12,688,000; MPO Evaluation Score = 60
Roadway reconstruction program	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 = \$12,688,000; MPO Evaluation Score = 60
Roadway reconstruction program	605034	Boston Region	Natick	NATICK- RECONSTRUCTION OF ROUTE 27 (NORTH MAIN STREET), FROM NORTH AVENUE TO THE WAYLAND T.L.	3	STP	\$ 8,953,733	\$ 7,162,986	\$ 1,790,747	Construction; CMAQ+TAP+STP Total Cost = \$12,688,000; MPO Evaluation Score = 60
Roadway reconstruction program	605789	Boston Region	Boston	BOSTON- RECONSTRUCTION OF MELNEA CASS BOULEVARD	6	STP	\$ 7,348,506	\$ 5,878,805	\$ 1,469,701	Construction; STP+Earmark Total Cost = \$24,792,845 ; MPO Evaluation Score = 59

2019 Boston Region Transportation Improvement Program

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

Indicates a new funding category

Amendment / Adjustment Type ▼	STIP Program ▼	MassDOT Project ID ▼	Metropolitan Planning Organization ▼	Municipality Name ▼	MassDOT Project Description ▼	MassDOT District ▼	Funding Source ▼	Total Programmed Funds ▼	Federal Funds ▼	Non-Federal Funds ▼	Additional Information ▼ <i>Present information as follows, if applicable:</i> a) Planning / Design / or Construction; b) total project cost and funding sources used; c) advance construction status; d) MPO project score; e) name of entity receiving a transfer; f) name of entity paying the non-state non-federal match; g) earmark details; h) TAP project proponent; i) other information
	Roadway reconstruction program	606635	Boston Region	Multiple	NEEDHAM-NEWTON- RECONSTRUCTION OF HIGHLAND AVENUE, NEEDHAM STREET & CHARLES RIVER BRIDGE, N-04-002, FROM WEBSTER STREET (NEEDHAM) TO ROUTE 9 (NEWTON)	6	HSIP	\$ 1,875,199	\$ 1,687,679	\$ 187,520	Construction; CMAQ+HSIP+TAP+STP Total Cost = \$21,434,400; AC Yr 1 of 2; MPO Evaluation Score = 75
	Roadway reconstruction program	606635	Boston Region	Multiple	NEEDHAM-NEWTON- RECONSTRUCTION OF HIGHLAND AVENUE, NEEDHAM STREET & CHARLES RIVER BRIDGE, N-04-002, FROM WEBSTER STREET (NEEDHAM) TO ROUTE 9 (NEWTON)	6	CMAQ	\$ 2,500,001	\$ 2,000,001	\$ 500,000	Construction; CMAQ+HSIP+TAP+STP Total Cost = \$21,434,400; AC Yr 1 of 2; MPO Evaluation Score = 75
	Roadway reconstruction program	606635	Boston Region	Multiple	NEEDHAM-NEWTON- RECONSTRUCTION OF HIGHLAND AVENUE, NEEDHAM STREET & CHARLES RIVER BRIDGE, N-04-002, FROM WEBSTER STREET (NEEDHAM) TO ROUTE 9 (NEWTON)	6	TAP	\$ 1,546,492	\$ 1,237,194	\$ 309,298	Construction; CMAQ+HSIP+TAP+STP Total Cost = \$21,434,400; AC Yr 1 of 2; MPO Evaluation Score = 75; TAP project proponent = Needham
	Roadway reconstruction program	606635	Boston Region	Multiple	NEEDHAM-NEWTON- RECONSTRUCTION OF HIGHLAND AVENUE, NEEDHAM STREET & CHARLES RIVER BRIDGE, N-04-002, FROM WEBSTER STREET (NEEDHAM) TO ROUTE 9 (NEWTON)	6	STP	\$ 4,851,064	\$ 3,880,851	\$ 970,213	Construction; CMAQ+HSIP+TAP+STP Total Cost = \$21,434,400; AC Yr 1 of 2; MPO Evaluation Score = 75
Regionally Prioritized Projects subtotal ▶								\$ 98,810,545	\$ 79,535,033	\$ 19,275,512	◀ 80% Federal + 20% Non-Federal

▶ Section 1A / Fiscal Constraint Analysis

Section 1A Instructions: MPO Template Name) Choose Regional Name from dropdown list to populate header and MPO column; Column C) Enter ID from ProjectInfo; Column E) Choose Municipality Name from dropdown list; Column H) Choose the Funding Source being used for the project - if multiple funding sources are being used enter multiple lines; Column I) Enter the total amount of funds being programmed in this fiscal year and for each funding source; Column J) Federal funds autocalculates. Please verify the amount and only change if needed for flex. Column K) Non-federal funds autocalculates. Please verify the split/match - if matching an FTA flex, coordinate with Rail & Transit Division before programming; Column L) Enter Additional Information as described - please do not use any other format.		Total Regional Federal Aid Funds Programmed ▶	\$ 98,810,545	\$ 98,794,261	◀ Total Budget \$ (16,284)	Funds Over Programmed
	STP programmed ▶	\$ 60,512,011	\$ 80,826,690	◀ Max STP	\$ 20,314,679	STP available
	HSIP programmed ▶	\$ 4,865,970	\$ 4,296,710	◀ Min. HSIP	\$ (569,260)	HSIP recommended met
	CMAQ programmed ▶	\$ 29,842,726	\$ 10,741,776	◀ Min. CMAQ	\$ (19,100,950)	CMAQ recommended met
	TAP programmed ▶	\$ 3,589,837	\$ 2,929,085	◀ Min. TAP	\$ (660,752)	TAP amount exceeded!
		HSIP, CMAQ, TAP Overprogrammed \$	(16,284)			

▶ 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)

2019 Boston Region Transportation Improvement Program

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Amendment / Adjustment Type ▼	STIP Program ▼	MassDOT Project ID ▼	Metropolitan Planning Organization ▼	Municipality Name ▼	MassDOT Project Description ▼	MassDOT District ▼	Funding Source ▼	Total Programmed Funds ▼	Federal Funds ▼	Non-Federal Funds ▼	Additional Information ▼ <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
	Earmark Discretionary	607330	Boston Region	Milton	MILTON- DECK RECONSTRUCTION OVER SE EXPRESSWAY (EAST MILTON SQUARE). INCLUDES PARKING & NEW LANDSCAPED AREA	4	HPP	\$ 1,251,844	\$ 1,001,475	\$ 250,369	Construction; (MA134)
	Earmark Discretionary	606316	Boston Region	Brookline	BROOKLINE- PEDESTRIAN BRIDGE REHABILITATION, B-27-016, OVER MBTA OFF CARLTON STREET	6	HPP	\$ 751,106	\$ 600,885	\$ 150,221	Demo ID: MA 149 Repurposed earmark, formerly design and construct signal crossing and other safety improvements to Emerald Necklace Greenway Bicycle Trail, Town of Brookline
Other Federal Aid subtotal ▶								\$ 20,949,502	\$ 16,759,602	\$ 4,189,900	◀ Funding Split Varies by Funding Source

► Section 2A / State Prioritized Reliability Projects

► Bridge Program / Inspections

Bridge Program	Project #	MPO	Municipalities	Description	District	NHPP	\$	\$	\$	
							\$ -	\$ -	\$ -	
Bridge Program / Inspections subtotal ▶							\$ -	\$ -	\$ -	◀ Funding Split Varies by Funding Source

► Bridge Program / Off-System

AMENDMENT: Decrease Cost	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	\$ 2,146,470	\$ 536,617	Construction
AMENDMENT: Increase Cost	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	\$ 2,889,778	\$ 722,445	Construction
Bridge Program / Off-System subtotal ▶							\$ 6,295,310	\$ 5,036,248	\$ 1,259,062	◀ 80% Federal + 20% Non-Federal	

► Bridge Program / On-System (NHS)

AMENDMENT: Decrease Cost	Bridge Program	604952	Boston Region	Multiple	LYNN- SAUGUS- BRIDGE REPLACEMENT, L-18-016-S-05-008, ROUTE 107 OVER THE SAUGUS RIVER (AKA - BELDEN G. BLY BRIDGE)	4	NHPP-On	\$ 14,894,228	\$ 11,915,382	\$ 2,978,846	AC Year 2 of 2 1 of 5, Total Cost \$51,527,391 increased to \$74,471,140. Project funded in FFYs 2019 through 2023.
AMENDMENT: Increase Cost	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 increased from \$110,000,000 to \$213,972,689
AMENDMENT: Increase Cost	Bridge Program	604173	Boston Region	Boston	BOSTON- BRIDGE REPLACEMENT, B-16-016, NORTH WASHINGTON STREET OVER THE BOSTON INNER HARBOR	6	NHPP-On	\$ 25,184,931	\$ 20,147,945	\$ 5,036,986	AC Year 3 of 6, Total Project Cost increased from \$176,318,433 to \$193,058,158.
Bridge Program / On-System (NHS) subtotal ▶							\$ 111,756,289	\$ 89,405,031	\$ 22,351,258	◀ Funding Split Varies by Funding Source	

2019 Boston Region Transportation Improvement Program

Indicates a change in project cost

Indicates removed from TIP (cost not reflected in total)

Indicates a project moved in from another TIP element

Indicates a project moved out to another TIP element (cost not reflected in total)

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

Indicates a new funding category

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

Bridge Program	Project #	MPO	N/A	Description	District	NHPP-Off	\$	\$	\$	
Bridge Program / On-System (Non-NHS) subtotal ►							\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal

► Bridge Program / Systematic Maintenance

AMENDMENT:Increase Cost	Bridge Program	608234	Boston Region	Multiple	BOSTON- RANDOLPH- BRIDGE PRESERVATION OF 3 BRIDGES: B-16-165, R-01-005 & R-01-007	6	NHPP-On	\$ 4,984,738	\$ 3,987,790	\$ 996,948	Construction
Bridge Program / Systematic Maintenance subtotal ►							\$ 4,984,738	\$ 3,987,790	\$ 996,948	◀ Funding Split Varies by Funding Source	

► Interstate Pavement

Interstate Pavement	608219	Boston Region	Multiple	READING- WAKEFIELD- INTERSTATE MAINTENANCE AND RELATED WORK ON I-95	4	NHPP	\$ 4,123,392	\$ 3,711,053	\$ 412,339	Construction
Interstate Pavement subtotal ►							\$ 4,123,392	\$ 3,711,053	\$ 412,339	◀ 90% Federal + 10% Non-Federal

► Non-Interstate Pavement

Non-Interstate Pavement	608467	Boston Region	Marlborough	MARLBOROUGH- RESURFACING AND RELATED WORK ON ROUTE 20	3	NHPP	\$ 9,940,320	\$ 7,952,256	\$ 1,988,064	Construction
Non-Interstate Pavement	608468	Boston Region	Multiple	PEABODY- DANVERS- RESURFACING AND RELATED WORK ON ROUTE 1	4	NHPP	\$ 11,597,040	\$ 9,277,632	\$ 2,319,408	Construction
Non-Interstate Pavement	608528	Boston Region	Multiple	WESTON- WALTHAM- RESURFACING AND RELATED WORK ON ROUTE 20	4	NHPP	\$ 12,026,560	\$ 9,621,248	\$ 2,405,312	Construction
Non-Interstate Pavement	608587	Boston Region	Dedham	DEDHAM- RECONSTRUCTION & RELATED WORK OF BRIDGE STREET (ROUTE 109) AND AMES STREET	6	NHPP	\$ 5,424,717	\$ 4,339,774	\$ 1,084,943	Construction
Non-Interstate Pavement subtotal ►							\$ 38,988,637	\$ 31,190,910	\$ 7,797,727	◀ 80% Federal + 20% Non-Federal

► Roadway Improvements

Roadway Improvements	608214	Boston Region	Winchester	WINCHESTER- STORMWATER IMPROVEMENTS ALONG ROUTE 3	4	STP	\$ 232,960	\$ 186,368	\$ 46,592	Construction
Roadway Improvements	608599	Boston Region	Multiple	CANTON- SHARON- FOXBOROUGH- NORWOOD- WALPOLE- STORMWATER IMPROVEMENTS ALONG ROUTE 1, ROUTE 1A & INTERSTATE 95	5	STP	\$ 526,235	\$ 420,988	\$ 105,247	Construction
Roadway Improvements subtotal ►							\$ 759,195	\$ 607,356	\$ 151,839	◀ 80% Federal + 20% Non-Federal

► Safety Improvements

Safety Improvements	608608	Boston Region	Braintree	BRAINTREE- HIGHWAY LIGHTING IMPROVEMENTS AT I-93/ROUTE 3 INTERCHANGE	6	NHPP	\$ 7,008,503	\$ 5,606,802	\$ 1,401,701	Construction / Total Project Cost \$9,697,229 / AC YR 1 of 2
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	Construction
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	Construction
Safety Improvements subtotal ►							\$ 18,716,875	\$ 16,144,337	\$ 2,572,538	◀ Funding Split Varies by Funding Source

2019 Boston Region Transportation Improvement Program

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

Indicates a new funding category

Amendment / Adjustment Type ▼	STIP Program ▼	MassDOT Project ID ▼	Metropolitan Planning Organization ▼	Municipality Name ▼	MassDOT Project Description ▼	MassDOT District ▼	Funding Source ▼	Total Programmed Funds ▼	Federal Funds ▼	Non-Federal Funds ▼	Additional Information ▼ <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 2B / State Prioritized Modernization Projects

► ADA Retrofits

ADA Retrofits	Project #	Statewide	Multiple	Description	1	STP	\$	\$	\$				
							-	-	-				
ADA Retrofits subtotal ►							\$	-	\$	-	\$	-	◀ 80% Federal + 20% Non-Federal

► Intersection Improvements

Intersection Improvements	Project #	Statewide	Multiple	Description	1	STP	\$	\$	\$				
	607759	Boston Region	Boston	BOSTON- INTERSECTION & SIGNAL IMPROVEMENTS AT THE VFW PARKWAY & SPRING STREET	6	HSIP	\$ 974,815	\$ 877,334	\$ 97,482	Construction / PSAC score 39			
ADJUSTMENT: Move Project - (FROM 2021)	607342	Boston Region	Milton	MILTON- INTERSECTION & SIGNAL IMPROVEMENTS @ ROUTE 28 (RANDOLPH AVENUE) & CHICKATAWBUT ROAD	6	HSIP	\$ 1,421,829	\$ 1,279,646	\$ 142,183	Construction / PSAC score 43 Project moved from FFY 2021			
	608052	Boston Region	Norwood	NORWOOD- INTERSECTION & SIGNAL IMPROVEMENTS AT US 1 (PROVIDENCE HIGHWAY) & MORSE STREET	5	HSIP	\$ 974,815	\$ 877,334	\$ 97,482	Construction / PSAC score 50			
	607748	Boston Region	Acton	ACTON- INTERSECTION & SIGNAL IMPROVEMENTS ON SR 2 & SR 111 (MASSACHUSETTS AVENUE) AT PIPER ROAD & TAYLOR ROAD	3	HSIP	\$ 1,400,000	\$ 1,260,000	\$ 140,000	Construction / PSAC score 58			
	608755	Boston Region	Boston	BOSTON- INTERSECTION IMPROVEMENTS AT MORTON STREET AND HARVARD STREET	6	HSIP	\$ 1,500,000	\$ 1,350,000	\$ 150,000	Construction			
	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	Construction / PSAC score 50			
Intersection Improvements subtotal ►							\$	8,271,459	\$	7,444,313	\$	827,146	◀ Funding Split Varies by Funding Source

► Intelligent Transportation Systems

Intelligent Transportation Systems	Project #	Statewide	Multiple	Description	Multiple	NHPP	\$	\$	\$				
							-	-	-				
Intelligent Transportation System subtotal ►							\$	-	\$	-	\$	-	◀ 80% Federal + 20% Non-Federal

► Roadway Reconstruction

Roadway Reconstruction	Project #	MPO	N/A	Description	District	CMAQ	\$	\$	\$				
							-	-	-				
Roadway Reconstruction subtotal ►							\$	-	\$	-	\$	-	◀ 80% Federal + 20% Non-Federal

2019 Boston Region Transportation Improvement Program

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Indicates a new funding category

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

► Bicycles and Pedestrians

Bicycles and Pedestrians	Project #	MPO	Municipalities	Description	District	Funding Source	Total Programmed Funds	Federal Funds	Non-Federal Funds	Additional Information
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	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	\$ 9,495,746	\$ 7,596,597	\$ 1,899,149	Construction / PSAC score 31.5
Bicycles and Pedestrians	606316	Boston Region	Brookline	BROOKLINE- PEDESTRIAN BRIDGE REHABILITATION, B-27-016, OVER MBTA OFF CARLTON STREET	6	CMAQ	\$ 3,087,238	\$ 2,469,790	\$ 617,448	Construction / Total Project Cost \$3,838,344 w/ additional funding from earmark at \$751,106

Bicycles and Pedestrians subtotal ► **\$ 11,266,468** \$ 9,013,174 \$ 2,253,294 ◀ 80% Federal + 20% Non-Federal

► Capacity

Capacity	Project #	MPO	Municipalities	Description	District	Funding Source	Total Programmed Funds	Federal Funds	Non-Federal Funds	Additional Information
Capacity							\$ -	\$ -	\$ -	

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

► Section 3 / Planning / Adjustments / Pass-throughs

► Planning / Adjustments / Pass-throughs

Planning / Adjustments / Pass-throughs	Project #	MPO	Municipalities	Description	District	Funding Source	Total Programmed Funds	Federal Funds	Non-Federal Funds	Additional Information
Planning / Adjustments / Pass-throughs		Statewide	Multiple	ABP GANS Repayment	Multiple	NHPP	\$ -	\$ -	\$ -	
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	Transfer to Eastern Federal Lands

Other Statewide Items subtotal ► **\$ 1,200,000** \$ 960,000 \$ 240,000 ◀ Funding Split Varies by Funding Source

► Section 4 / Non-Federally Aided Projects

► Non-Federally Aided Projects

Non Federal Aid	Project #	MPO	Municipalities	Description	District	Funding Source	Total Programmed Funds	Federal Funds	Non-Federal Funds	Additional Information
Non Federal Aid							\$ -	\$ -	\$ -	

Non-Federal Aid subtotal ► **\$ -** \$ - \$ - ◀ 100% Non-Federal

2019 Summary

	TIP Section 1 - 3: ▼	TIP Section 4: ▼	Total of All Projects ▼	
Total ►	\$ 326,122,409	\$ -	\$ 326,122,409	◀ Total Spending in Region
Federal Funds ►	\$ 263,794,847	\$ -	\$ 263,794,847	◀ Total Federal Spending in Region
Non-Federal Funds ►	\$ 62,327,563	\$ -	\$ 62,327,563	◀ Total Non-Federal Spending in Region

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

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

FTA Program	Project Number	Transit Agency	FTA Activity Line Item	Project Description	Carryover (unobligated)	Federal Funds	State Funds	TD C	Local Funds	Total Cost
5307										
	5307 RTD0005470	Cape Ann Transportation Authority		114206 ACQUIRE - SHOP EQ/COMPUTER/SFTWR	2018 - \$44,000	\$44,000	\$11,000	\$0	\$0	\$55,000
	5307 RTD0005471	Cape Ann Transportation Authority		114220 ACQUIRE - MISC SUPPORT EQUIPMENT	2018 - \$30,055	\$30,055	\$7,514	\$0	\$0	\$37,569
	5307 RTD0005466	Cape Ann Transportation Authority	117A00	PREVENTIVE MAINTENANCE	2017 - \$92,000; 2018 - \$450,000	\$542,000	\$0	\$0	\$135,500	\$677,500
				TERMINAL, INTERMODAL (TRANSIT): Facil.						
	5307 RTD0005993	MetroWest Regional Transit Authority		113303 Improvements	2018 - \$150,000	\$150,000	\$37,500	\$0	\$0	\$187,500
	5307 RTD0005994	MetroWest Regional Transit Authority	117C00	NON FIXED ROUTE ADA PARA SERV	2018 - \$1,300,000	\$1,300,000	\$325,000	\$0	\$0	\$1,625,000
				ACQUISITION OF BUS SUPPORT						
	5307 RTD0005995	MetroWest Regional Transit Authority		114200 EQUIP/FACILITIES	2018 - \$248,415	\$248,415	\$62,104	\$0	\$0	\$310,519
	5307 RTD0005996	MetroWest Regional Transit Authority		440000 Mobility Management	2018 - \$25,000	\$25,000	\$6,250	\$0	\$0	\$31,250
	5307 RTD0007332	Massachusetts Bay Transportation Authority (MBTA)		126301 Signals/Systems Upgrade Program		\$69,200,000	\$0	\$0	\$17,300,000	\$86,500,000
	5307 RTD0006356	Massachusetts Bay Transportation Authority (MBTA)		121200 Revenue Vehicle Program		\$74,521,552	\$0	\$0	\$18,630,388	\$93,151,940
				Subtotal		\$146,061,022	\$449,368	\$0	\$36,065,888	\$182,576,278
5309										
	5309 RTD0005979	Massachusetts Bay Transportation Authority (MBTA)		132303 Green Line Extension Project		\$150,000,000	\$0	\$0	\$150,000,129	\$300,000,129
				Subtotal		\$150,000,000	\$0	\$0	\$150,000,129	\$300,000,129
5310										
				Subtotal		\$0	\$0	\$0	\$0	\$0
5311										
				Subtotal		\$0	\$0	\$0	\$0	\$0
5337										
	5337 RTD0006358	Massachusetts Bay Transportation Authority (MBTA)		123400 Stations and Facilities Program		\$65,823,318	\$0	\$0	\$16,455,829	\$82,279,147
	5337 RTD0007328	Massachusetts Bay Transportation Authority (MBTA)		126301 Signals/Systems Upgrade Program		\$61,600,000	\$0	\$0	\$15,400,000	\$77,000,000
	5337 RTD0007337	Massachusetts Bay Transportation Authority (MBTA)		122405 Bridge and Tunnel Program		\$16,000,000	\$0	\$0	\$4,000,000	\$20,000,000
				Subtotal		\$143,423,318	\$0	\$0	\$35,855,829	\$179,279,147
5339										
	5339 RTD0006360	Massachusetts Bay Transportation Authority (MBTA)		111400 Bus Program		\$6,953,713	\$0	\$0	\$0	\$6,953,713
				Subtotal		\$6,953,713	\$0	\$0	\$0	\$6,953,713
5320										
				Subtotal		\$0	\$0	\$0	\$0	\$0
Other Federal										
				Subtotal		\$0	\$0	\$0	\$0	\$0
Other Non-Federal										
Other Non-Federal	RTD0006089	Cape Ann Transportation Authority		111209 BUY REPLACEMENT TROLLEY BUS		\$0	\$900,000	\$0	\$0	\$900,000
				Subtotal		\$0	\$900,000	\$0	\$0	\$900,000
				Total		\$446,438,053	\$1,349,368	\$0	\$221,921,846	\$669,709,267

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

2020 Boston Region Transportation Improvement Program

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Amendment / Adjustment Type ▼	STIP Program ▼	MassDOT Project ID ▼	Metropolitan Planning Organization ▼	Municipality Name ▼	MassDOT Project Description ▼	MassDOT District ▼	Funding Source ▼	Total Programmed Funds ▼	Federal Funds ▼	Non-Federal Funds ▼	Additional Information ▼ <i>Present</i>
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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	\$ 35,300,000	\$ 28,240,000	\$ 7,060,000	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 program	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 = \$14,636,338; MPO Evaluation Score = 54
	Roadway reconstruction program	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 = \$14,636,338; MPO Evaluation Score = 54; TAP project proponent = Ashland
	Roadway reconstruction program	604123	Boston Region	Ashland	ASHLAND- RECONSTRUCTION ON ROUTE 126 (POND STREET), FROM THE FRAMINGHAM T.L. TO THE HOLLISTON T.L.	3	STP	\$ 11,529,857	\$ 9,223,886	\$ 2,305,971	Construction; STP+CMAQ+TAP Total Cost = \$14,636,338; MPO Evaluation Score = 54
	Roadway reconstruction program	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 = \$4,755,714; MPO Evaluation Score = 38
	Roadway reconstruction program	602077	Boston Region	Lynn	LYNN- RECONSTRUCTION ON ROUTE 129 (LYNNFIELD STREET), FROM GREAT WOODS ROAD TO WYOMA SQUARE	4	STP	\$ 3,755,714	\$ 3,004,571	\$ 751,143	Construction; CMAQ+STP Total Cost = \$4,755,714; MPO Evaluation Score = 38
	Roadway reconstruction program	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 = \$17,390,216; MPO Evaluation Score = 51
	Roadway reconstruction program	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 = \$17,390,216; MPO Evaluation Score = 51; TAP project proponent = Walpole
	Roadway reconstruction program	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	\$ 14,531,779	\$ 11,625,423	\$ 2,906,356	Construction; STP+CMAQ+TAP Total Cost = \$17,390,216; MPO Evaluation Score = 51
	Roadway reconstruction program	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 = \$8,214,319; MPO Evaluation Score = 58
	Roadway reconstruction program	606453	Boston Region	Boston	BOSTON- IMPROVEMENTS ON BOYLSTON STREET, FROM INTERSECTION OF BROOKLINE AVENUE & PARK DRIVE TO IPSWICH STREET	6	TAP	\$ 812,432	\$ 649,946	\$ 162,486	Construction; CMAQ+TAP+STP Total Cost = \$8,214,319; MPO Evaluation Score = 58; TAP project proponent = Boston
	Roadway reconstruction program	606453	Boston Region	Boston	BOSTON- IMPROVEMENTS ON BOYLSTON STREET, FROM INTERSECTION OF BROOKLINE AVENUE & PARK DRIVE TO IPSWICH STREET	6	STP	\$ 6,401,887	\$ 5,121,510	\$ 1,280,377	Construction; CMAQ+TAP+STP Total Cost = \$8,214,319; MPO Evaluation Score = 58

2020 Boston Region Transportation Improvement Program

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Amendment / Adjustment Type ▼	STIP Program ▼	MassDOT Project ID ▼	Metropolitan Planning Organization ▼	Municipality Name ▼	MassDOT Project Description ▼	MassDOT District ▼	Funding Source ▼	Total Programmed Funds ▼	Federal Funds ▼	Non-Federal Funds ▼	Additional Information ▼ <i>Present</i>
	Roadway reconstruction program	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; TAP+STP Total Cost = \$152,000,000; AC Yr 1 of 5; Total funding in this TIP = \$76,626,515
	Roadway reconstruction program	606635	Boston Region	Multiple	NEEDHAM- NEWTON- RECONSTRUCTION OF HIGHLAND AVENUE, NEEDHAM STREET & CHARLES RIVER BRIDGE, N-04-002, FROM WEBSTER STREET (NEEDHAM) TO ROUTE 9 (NEWTON)	6	HSIP	\$ 2,319,644	\$ 2,087,680	\$ 231,964	Construction; CMAQ+HSIP+TAP+STP Total Cost = \$21,434,400; AC Yr 2 of 2; MPO Evaluation Score = 75
	Roadway reconstruction program	606635	Boston Region	Multiple	NEEDHAM- NEWTON- RECONSTRUCTION OF HIGHLAND AVENUE, NEEDHAM STREET & CHARLES RIVER BRIDGE, N-04-002, FROM WEBSTER STREET (NEEDHAM) TO ROUTE 9 (NEWTON)	6	STP	\$ 8,397,556	\$ 6,718,045	\$ 1,679,511	Construction; CMAQ+HSIP+TAP+STP Total Cost = \$21,434,400; AC Yr 2 of 2; MPO Evaluation Score = 75
Regionally Prioritized Projects subtotal ▶								\$ 98,013,787	\$ 78,642,994	\$ 19,370,793	◀ 80% Federal + 20% Non-Federal

▶ Section 1A / Fiscal Constraint Analysis

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

Total Regional Federal Aid Funds Programmed ▶	\$ 98,013,787	\$ 98,029,447	◀ Total Budget	\$ 15,660	Target Funds Available
STP programmed ▶	\$ 51,616,793	\$ 80,061,875	◀ Max STP	\$ 28,445,082	STP available
HSIP programmed ▶	\$ 2,319,644	\$ 4,296,710	◀ Min. HSIP	\$ 1,977,066	HSIP recommended not met
CMAQ programmed ▶	\$ 39,300,000	\$ 10,741,776	◀ Min. CMAQ	\$ (28,558,224)	CMAQ recommended met
TAP programmed ▶	\$ 4,777,350	\$ 2,929,085	◀ Min. TAP	\$ (1,848,265)	TAP amount exceeded!

Remaining HSIP, CMAQ, and TAP Funds \$ 15,660

▶ Section 1B / Earmark or Discretionary Grant Funded Projects

▶ Other Federal Aid

Earmark Discretionary	Project #	Boston	Municipalities	Description	District	HPP	\$ -	\$ -	\$ -	\$ -	
Earmark Discretionary	Project #	Boston	Municipalities	Description	District	HPP	\$ -	\$ -	\$ -	\$ -	
Other Federal Aid subtotal ▶							\$ -	\$ -	\$ -	\$ -	◀ Funding Split Varies by Funding Source

▶ Section 2A / State Prioritized Reliability Projects

▶ Bridge Program / Inspections

Bridge Program	Project #	N/A	Multiple	Description	Multiple	NHPP	\$ -	\$ -	\$ -	\$ -	
Bridge Program	Project #	N/A	Multiple	Description	Multiple	NHPP	\$ -	\$ -	\$ -	\$ -	
Bridge Program / Inspections subtotal ▶							\$ -	\$ -	\$ -	\$ -	◀ Funding Split Varies by Funding Source

▶ Bridge Program / Off-System

Bridge Program	Project #	MPO	N/A	Description	District	STP-BR-OFF	\$ -	\$ -	\$ -	\$ -	
Bridge Program	Project #	MPO	N/A	Description	District	STP-BR-OFF	\$ -	\$ -	\$ -	\$ -	
Bridge Program / Off-System subtotal ▶							\$ -	\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal

2020 Boston Region Transportation Improvement Program

Indicates a change in project cost

Indicates removed from TIP (cost not reflected in total)

Indicates a project moved in from another TIP element

Indicates a project moved out to another TIP element (cost not reflected in total)

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

Indicates a new funding category

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</i>
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► 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	\$ 6,706,560	\$ 5,365,248	\$ 1,341,312	Construction
AMENDMENT: Move Project (TO 2022)	Bridge Program	608614	Boston Region	Boston	BOSTON- BRIDGE PRESERVATION, B-16-179, AUSTIN STREET OVER I-93 RAMPS, MBTA COMMUTER RAIL AND ORANGE LINE	6	NHPP-On	\$ 20,606,400	\$ 16,485,120	\$ 4,121,280	Construction; Project being moved to 2022
AMENDMENT: Increase Cost	Bridge Program	605287	Boston Region	Chelsea	CHELSEA- ROUTE 1 VIADUCT REHABILITATION (SB/NB) ON C-09-007 & C-09-011	6	NHPP-On	\$ 40,952,933	\$ 32,762,346	\$ 8,190,587	AC Year 3 of 4, Total Cost increased from \$110,000,000 to \$213,972,689
AMENDMENT: New Project	Bridge Program	604952	Boston Region	Multiple	LYNN- SAUGUS- BRIDGE REPLACEMENT, L-18-016=S-05-008, ROUTE 107 OVER THE SAUGUS RIVER (AKA - BELDEN G. BLY BRIDGE)	4	NHPP-On	\$ 14,350,000	\$ 11,480,000	\$ 2,870,000	AC Year 2 of 5, Total Cost \$51,527,391 increased to \$74,471,140. Project funded in FFYs 2019 through 2023.
AMENDMENT: Increase Cost	Bridge Program	604173	Boston Region	Boston	BOSTON- BRIDGE REPLACEMENT, B-16-016, NORTH WASHINGTON STREET OVER THE BOSTON INNER HARBOR	6	NHPP-On	\$ 24,184,931	\$ 19,347,945	\$ 4,836,986	AC Year 4 of 6, Total Project Cost increased from \$176,318,433 to \$193,058,158.
Bridge Program / On-System (NHS) subtotal ►								\$ 86,194,424	\$ 68,955,539	\$ 17,238,885	◄ Funding Split Varies by Funding Source

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

AMENDMENT: Remove Project	Bridge Program	608009	Boston Region	Boxborough	BOXBOROUGH- BRIDGE REPLACEMENT, B-18-002, ROUTE 111 OVER I-495	3	NHPP-Off	\$ 9,147,500	\$ 7,318,000	\$ 1,829,500	AC Year 1 of 2, Total Cost \$14,295,000.
Bridge Program / On-System (Non-NHS) subtotal ►								\$ -	\$ -	\$ -	◄ 80% Federal + 20% Non-Federal

► Bridge Program / Systematic Maintenance

AMENDMENT: Remove Project	Bridge Program	608865	Boston Region	Stoneham	STONEHAM- DECK REPLACEMENT, S-27-008, MARBLE STREET OVER I-93	4	NHPP-On	\$ 2,640,000	\$ 2,142,000	\$ 528,000	
AMENDMENT: Move Project (TO 2023)	Bridge Program	608609	Boston Region	Multiple	NEWTON- WESTWOOD- STEEL SUPERSTRUCTURE CLEANING (FULL REMOVAL) AND PAINTING OF 2 BRIDGES: N-12-056 & W-31-006	6	NHPP-On	\$ 2,142,857	\$ 1,714,285	\$ 428,571	Project moved out of FFYs 2018-22 TIP and into to 2023 of the FFYs 2019-23 TIP
AMENDMENT: Move Project (TO 2021)	Bridge Program	608596	Boston Region	Essex	ESSEX- SUPERSTRUCTURE REPLACEMENT, E-11-001 (2TV), ROUTE 133/MAIN STREET OVER ESSEX RIVER	4	NHPP-Off	\$ 2,400,000	\$ 1,920,000	\$ 480,000	Funding being moved to 2021; Previously AC year 1 of 2; project now funded completely in 2021; Total cost increase of \$2,111,360
Bridge Program / Systematic Maintenance subtotal ►								\$ -	\$ -	\$ -	◄ Funding Split Varies by Funding Source

► Interstate Pavement

	Interstate Pavement	608208	Boston Region	Multiple	QUINCY- MILTON- BOSTON- INTERSTATE MAINTENANCE & RELATED WORK ON I-93	6	NHPP	\$ 24,264,576	\$ 21,838,118	\$ 2,426,458	Construction / Includes \$540,000 of stormwater improvements
Interstate Pavement subtotal ►								\$ 24,264,576	\$ 21,838,118	\$ 2,426,458	◄ 90% Federal + 10% Non-Federal

2020 Boston Region Transportation Improvement Program

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

Indicates a new funding category

Amendment / Adjustment Type ▼	STIP Program ▼	MassDOT Project ID ▼	Metropolitan Planning Organization ▼	Municipality Name ▼	MassDOT Project Description ▼	MassDOT District ▼	Funding Source ▼	Total Programmed Funds ▼	Federal Funds ▼	Non-Federal Funds ▼	Additional Information ▼ <i>Present</i>
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► Non-Interstate Pavement

	Non-Interstate Pavement	608480	Boston Region	Multiple	FOXBOROUGH- WALPOLE- RESURFACING AND RELATED WORK ON ROUTE 1	5	NHPP	\$ 8,063,129	\$ 6,450,503	\$ 1,612,626	Construction
ADJUSTMENT: Change Project Description	Non-Interstate Pavement	608484	Boston Region	Multiple	CANTON-MILTON-ROADWAY IMPROVEMENTS ON ROUTE 138	6	NHPP	\$ 15,343,776	\$ 12,275,021	\$ 3,068,755	Construction; Project incorporates work planned as part of 607763 (formerly in FFY 2019)
	Non-Interstate Pavement	608482	Boston Region	Multiple	CAMBRIDGE- SOMERVILLE- RESURFACING AND RELATED WORK ON ROUTE 28	6	NHPP	\$ 7,761,096	\$ 6,208,877	\$ 1,552,219	Construction
Non-Interstate Pavement subtotal ►								\$ 31,168,001	\$ 24,934,401	\$ 6,233,600	◀ 80% Federal + 20% Non-Federal

► Roadway Improvements

Roadway Improvements	Project #	MPO	N/A	Description	District	STP	\$ -	\$ -	\$ -	\$ -	
Roadway Improvements subtotal ►								\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal

► Safety Improvements

	Safety Improvements	608608	Boston Region	Braintree	BRAINTREE- HIGHWAY LIGHTING IMPROVEMENTS AT I-93/ROUTE 3 INTERCHANGE	6	NHPP	\$ 2,688,726	\$ 2,150,981	\$ 537,745	Construction / Total Project Cost \$9,697,229 / AC YR 2 of 2
	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	\$ 3,127,906	\$ 2,815,115	\$ 312,791	Construction / Total Project Cost \$9,434,070 (NHPP + HSIP)
	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	HSIP	\$ 6,306,164	\$ 5,675,548	\$ 630,616	Construction / Total Project Cost \$9,434,070 (NHPP + HSIP)
Safety Improvements subtotal ►								\$ 12,122,796	\$ 10,641,644	\$ 1,481,152	◀ Funding Split Varies by Funding Source

► Section 2B / State Prioritized Modernization Projects

► ADA Retrofits

ADA Retrofits	Project #	MPO	Municipalities	Description	District	STP	\$ -	\$ -	\$ -	\$ -	
ADA Retrofits subtotal ►								\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal

► Intersection Improvements

	Intersection Improvements	608562	Boston Region	Somerville	SOMERVILLE- SIGNAL AND INTERSECTION IMPROVEMENT ON I-93 AT MYSTIC AVENUE AND MCGRATH HIGHWAY (TOP 200 CRASH LOCATION)	4	HSIP	\$ 2,688,000	\$ 2,419,200	\$ 268,800	Construction / PSAC score 68
	Intersection Improvements	608564	Boston Region	Watertown	WATERTOWN- INTERSECTION IMPROVEMENTS AT ROUTE 16 AND GALEN STREET	6	HSIP	\$ 2,688,000	\$ 2,419,200	\$ 268,800	Construction / PSAC score 56
Intersection Improvements subtotal ►								\$ 5,376,000	\$ 4,838,400	\$ 537,600	◀ Funding Split Varies by Funding Source

► Intelligent Transportation Systems

Intelligent Transportation Systems	Project #	MPO	Municipalities	Description	District	NHPP	\$ -	\$ -	\$ -	\$ -	
Intelligent Transportation System subtotal ►								\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal

2020 Boston Region Transportation Improvement Program

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Amendment / Adjustment Type ▼	STIP Program ▼	MassDOT Project ID ▼	Metropolitan Planning Organization ▼	Municipality Name ▼	MassDOT Project Description ▼	MassDOT District ▼	Funding Source ▼	Total Programmed Funds ▼	Federal Funds ▼	Non-Federal Funds ▼	Additional Information ▼ Present
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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	Construction / TAP project proponent is Medford
Roadway Reconstruction		608743	Boston Region	Salem	SALEM- IMPROVEMENTS AT BATES ELEMENTARY SCHOOL (SRTS)	4	TAP	\$ 937,500	\$ 750,000	\$ 187,500	Construction / TAP project proponent is Salem
Roadway Reconstruction		608829	Boston Region	Stoughton	STOUGHTON - IMPROVEMENTS AT WEST ELEMENTARY SCHOOL (SRTS)	5	TAP	\$ 2,226,600	\$ 1,781,280	\$ 445,320	Construction / TAP project proponent is Stoughton
Roadway Reconstruction		608791	Boston Region	Winchester	WINCHESTER- IMPROVEMENTS AT VINSON-OWEN ELEMENTARY SCHOOL (SRTS)	4	TAP	\$ 1,666,200	\$ 1,332,960	\$ 333,240	Construction / TAP project proponent is Winchester
Roadway Reconstruction		607977	Boston Region	Multiple	HOPKINTON- WESTBOROUGH- RECONSTRUCTION OF I-90/I-495 INTERCHANGE	3	NFP	\$ 1,000,000	\$ 800,000	\$ 200,000	Construction / Total Project Cost = \$270,000,000 / AC YR 1 of 6 / PSAC score 49
Roadway Reconstruction subtotal ►								\$ 7,030,300	\$ 5,624,240	\$ 1,406,060	◀ 80% Federal + 20% Non-Federal

► Section 2C / State Prioritized Expansion Projects

► Bicycles and Pedestrians

Bicycles and Pedestrians	Project #	MPO	N/A	Description	District	CMAQ	\$	\$	\$	\$	
							-	-	-	-	
Bicycles and Pedestrians subtotal ►							\$ -	\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal

► Capacity

Capacity	Project #	MPO	Municipalities	Description	District	NHPP	\$	\$	\$	\$	
							-	-	-	-	
Capacity subtotal ►							\$ -	\$ -	\$ -	\$ -	◀ Funding Split Varies by Funding Source

► Section 3 / Planning / Adjustments / Pass-throughs

► Planning / Adjustments / Pass-throughs

Planning / Adjustments / Pass-throughs	Project #	Statewide	Multiple	Description	Multiple	NHPP	\$	\$	\$	\$	
							-	-	-	-	
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	Construction / Total Project Cost = \$270,000,000 / AC YR 1 of 6 / PSAC score 49
Non-Federal Aid subtotal ►								\$ 18,112,483		\$ 18,112,483	◀ 100% Non-Federal

2020 Summary

	TIP Section 1 - 3: ▼	TIP Section 4: ▼	Total of All Projects ▼	
Total ►	\$ 264,169,884	\$ 18,112,483	\$ 282,282,367	◀ Total Spending in Region
Federal Funds ►	\$ 215,475,336		\$ 215,475,336	◀ Total Federal Spending in Region
Non-Federal Funds ►	\$ 48,694,548	\$ 18,112,483	\$ 66,807,031	◀ Total Non-Federal Spending in Region

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

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

FTA Program	Project Number	Transit Agency	FTA Activity Line Item	Project Description	Carryover (unobligated)	Federal Funds	State Funds	TD C	Local Funds	Total Cost
5307										
	5307 RTD0005472	Cape Ann Transportation Authority	117A00	PREVENTIVE MAINTENANCE	2019 - \$350,000	\$350,000	\$0	\$0	\$87,500	\$437,500
	5307 RTD0005477	Cape Ann Transportation Authority		114206 ACQUIRE - SHOP EQ/COMP/SFTWR	2019 - \$40,000	\$40,000	\$10,000	\$0	\$0	\$50,000
	5307 RTD0005478	Cape Ann Transportation Authority		114220 ACQUIRE - MISC SUPPORT EQUIPMENT	2019 - \$11,296	\$11,296	\$2,824	\$0	\$0	\$14,120
				ACQUISITION OF BUS SUPPORT						
	5307 RTD0005997	MetroWest Regional Transit Authority		114200 EQUIP/FACILITIES	2019 - \$248,415	\$248,415	\$62,104	\$0	\$0	\$310,519
	5307 RTD0005998	MetroWest Regional Transit Authority		440000 Mobility Management	2019 - \$25,000	\$25,000	\$6,250	\$0	\$0	\$31,250
	5307 RTD0005999	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 RTD0006000	MetroWest Regional Transit Authority		113303 TERMINAL, INTERMODAL (TRANSIT)	2019 - \$150,000	\$150,000	\$37,500	\$0	\$0	\$187,500
		Massachusetts Bay Transportation Authority (MBTA)		123402 Elevator and Escalator Program		\$32,000,000	\$0	\$0	\$8,000,000	\$40,000,000
		Massachusetts Bay Transportation Authority (MBTA)		121200 Revenue Vehicle Program		\$114,121,933	\$0	\$0	\$28,530,483	\$142,652,416
	5307 RTD0006361	(MBTA)				\$114,121,933	\$0	\$0	\$28,530,483	\$142,652,416
				Subtotal		\$148,246,644	\$443,678	\$0	\$36,617,983	\$185,308,305
5309										
	5309 RTD0005987	Massachusetts Bay Transportation Authority (MBTA)		132303 Green Line Extension Project		\$150,000,000	\$0	\$0	\$150,000,129	\$300,000,129
				Subtotal		\$150,000,000	\$0	\$0	\$150,000,129	\$300,000,129
5310										
				Subtotal		\$0	\$0	\$0	\$0	\$0
5311										
				Subtotal		\$0	\$0	\$0	\$0	\$0
5337										
	5337 RTD0007329	Massachusetts Bay Transportation Authority (MBTA)		126301 Signals/Systems Upgrade Program		\$79,680,000	\$0	\$0	\$19,920,000	\$99,600,000
	5337 RTD0006364	Massachusetts Bay Transportation Authority (MBTA)		122405 Bridge & Tunnel Program		\$29,104,000	\$0	\$0	\$7,276,000	\$36,380,000
	5337 RTD0006366	Massachusetts Bay Transportation Authority (MBTA)		123400 Stations and Facilities Program		\$37,109,004	\$0	\$0	\$9,277,251	\$46,386,255
				Subtotal		\$145,893,004	\$0	\$0	\$36,473,251	\$182,366,255
5339										
	5339 RTD0006368	Massachusetts Bay Transportation Authority (MBTA)		111400 Bus Program		\$5,683,653	\$0	\$0	\$1,420,913	\$7,104,566
				Subtotal		\$5,683,653	\$0	\$0	\$1,420,913	\$7,104,566
5320										
				Subtotal		\$0	\$0	\$0	\$0	\$0
Other Federal										
				Subtotal		\$0	\$0	\$0	\$0	\$0
Other Non-Federal										
				Subtotal		\$0	\$0	\$0	\$0	\$0
				Total		\$449,823,301	\$443,678	\$0	\$224,512,276	\$674,779,255

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

2021 Boston Region Transportation Improvement Program

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Indicates a new funding category

Amendment / Adjustment Type ▼	STIP Program ▼	MassDOT Project ID ▼	Metropolitan Planning Organization ▼	Municipality Name ▼	MassDOT Project Description ▼	MassDOT District ▼	Funding Source ▼	Total Programmed Funds ▼	Federal Funds ▼	Non-Federal Funds ▼	Additional Information ▼ <i>Present information as follows, if applicable:</i> a) Planning / Design / or Construction; b) total project cost and funding sources used; c) advance construction status; d) MPO project score; e) name of entity receiving a transfer; f) name of entity paying the non-state non-federal match; g) earmark details; h) TAP project proponent; i) other information
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► Section 1A / Regionally Prioritized Projects

► Regionally Prioritized Projects

	Roadway reconstruction program	608228	Boston Region	Framingham	FRAMINGHAM- RECONSTRUCTION OF UNION AVENUE, FROM PROCTOR STREET TO MAIN STREET	3	HSIP	\$ 1,509,587	\$ 1,358,628	\$ 150,959	Construction; STP+HSIP+TAP Total Cost = \$10,304,881; MPO Evaluation Score = 58
	Roadway reconstruction program	608228	Boston Region	Framingham	FRAMINGHAM- RECONSTRUCTION OF UNION AVENUE, FROM PROCTOR STREET TO MAIN STREET	3	TAP	\$ 1,006,391	\$ 805,113	\$ 201,278	Construction; STP+HSIP+TAP Total Cost = \$10,304,881; MPO Evaluation Score = 58; TAP project proponent = Framingham
	Roadway reconstruction program	608228	Boston Region	Framingham	FRAMINGHAM- RECONSTRUCTION OF UNION AVENUE, FROM PROCTOR STREET TO MAIN STREET	3	STP	\$ 7,788,903	\$ 6,231,122	\$ 1,557,781	Construction; STP+HSIP+TAP Total Cost = \$10,304,881; MPO Evaluation Score = 58
	Intersection improvements program	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 = \$3,668,437; MPO Evaluation Score = 53
	Intersection improvements program	606130	Boston Region	Norwood	NORWOOD- INTERSECTION IMPROVEMENTS @ ROUTE 1A & UPLAND ROAD/WASHINGTON STREET & PROSPECT STREET/FULTON STREET	5	STP	\$ 2,668,437	\$ 2,134,750	\$ 533,687	Construction; CMAQ+STP Total Cost = \$3,668,437; MPO Evaluation Score = 53
	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	\$ 2,339,729	\$ 2,105,756	\$ 233,973	Construction; HSIP+CMAQ Total Cost = \$3,360,000; 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	CMAQ	\$ 1,020,271	\$ 816,217	\$ 204,054	Construction; HSIP+CMAQ Total Cost = \$3,360,000; MPO Evaluation Score = 63
	Planning / Adjustments / Pass-throughs	BN0009	Boston Region	Multiple	COMMUNITY TRANSPORTATION PROGRAM	NA	CMAQ	\$ 1,000,000	\$ 800,000	\$ 200,000	Planning, Design, or Construction; Set Aside for LRTP Clean Air and Mobility Program
	Planning / Adjustments / Pass-throughs	1570	Boston Region	Multiple	GREEN LINE EXTENSION PROJECT- EXTENSION TO COLLEGE AVENUE WITH THE UNION SQUARE SPUR	6	CMAQ	\$ 29,700,000	\$ 23,760,000	\$ 5,940,000	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 program	606501	Boston Region	Holbrook	HOLBROOK- RECONSTRUCTION OF UNION STREET (ROUTE 139), FROM LINFIELD STREET TO CENTRE STREET/WATER STREET	5	TAP	\$ 289,088	\$ 231,270	\$ 57,818	Construction; TAP+STP+Earmark Total Cost = \$2,890,880; MPO Evaluation Score = 45; TAP project proponent = Holbrook

2021 Boston Region Transportation Improvement Program

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Indicates a new funding category

Amendment / Adjustment Type ▼	STIP Program ▼	MassDOT Project ID ▼	Metropolitan Planning Organization ▼	Municipality Name ▼	MassDOT Project Description ▼	MassDOT District ▼	Funding Source ▼	Total Programmed Funds ▼	Federal Funds ▼	Non-Federal Funds ▼	Additional Information ▼ <i>Present information as follows, if applicable:</i> a) Planning / Design / or Construction; b) total project cost and funding sources used; c) advance construction status; d) MPO project score; e) name of entity receiving a transfer; f) name of entity paying the non-state non-federal match; g) earmark details; h) TAP project proponent; i) other information
	Roadway reconstruction program	606501	Boston Region	Holbrook	HOLBROOK- RECONSTRUCTION OF UNION STREET (ROUTE 139), FROM LINFIELD STREET TO CENTRE STREET/WATER STREET	5	STP	\$ 1,074,542	\$ 859,634	\$ 214,908	Construction; TAP+STP+Earmark Total Cost = \$2,890,880; MPO Evaluation Score = 45
	Roadway reconstruction program	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; TAP+STP Total Cost = \$152,000,000; AC Yr 2 of 5; Total funding in this TIP = \$76,626,515; TAP project proponent = Boston
	Roadway reconstruction program	606226	Boston Region	Boston	BOSTON- RECONSTRUCTION OF RUTHERFORD AVENUE, FROM CITY SQUARE TO SULLIVAN SQUARE	6	TAP	\$ 1,922,546	\$ 1,538,037	\$ 384,509	Construction; TAP+STP Total Cost = \$152,000,000; AC Yr 2 of 5; Total funding in this TIP = \$76,626,515; TAP project proponent = Boston
	Roadway reconstruction program	606226	Boston Region	Boston	BOSTON- RECONSTRUCTION OF RUTHERFORD AVENUE, FROM CITY SQUARE TO SULLIVAN SQUARE	6	STP	\$ 14,050,761	\$ 11,240,609	\$ 2,810,152	Construction; TAP+STP Total Cost = \$152,000,000; AC Yr 2 of 5; Total funding in this TIP = \$76,626,515
	Bridge Program	604996	Boston Region	Woburn	WOBURN- BRIDGE REPLACEMENT, W-43-017, NEW BOSTON STREET OVER MBTA	4	STP	\$ 17,026,434	\$ 13,621,147	\$ 3,405,287	Construction; Total Cost = \$17,026,434; MPO Evaluation Score = 55
	Roadway reconstruction program	601607	Boston Region	Hull	HULL- RECONSTRUCTION OF ATLANTIC AVENUE AND RELATED WORK FROM NANTASKET AVENUE TO COHASSET TOWN LINE	5	STP	\$ 6,693,980	\$ 5,355,184	\$ 1,338,796	Construction; Total Cost = \$6,693,980; MPO Evaluation Score = 44
Regionally Prioritized Projects subtotal ►								\$ 100,298,108	\$ 80,623,418	\$ 19,674,690	◀ 80% Federal + 20% Non-Federal

► Section 1A / Fiscal Constraint Analysis

		Total Regional Federal Aid Funds Programmed ►	\$ 100,298,108	\$ 100,298,110	◀ Total Budget	\$ 1	Target Funds Available
		STP programmed ►	\$ 60,510,496	\$ 82,330,538	◀ Max STP	\$ 21,820,042	STP available
		HSIP programmed ►	\$ 3,849,316	\$ 4,296,710	◀ Min. HSIP	\$ 447,394	HSIP recommended not met
		CMAQ programmed ►	\$ 32,720,271	\$ 10,741,776	◀ Min. CMAQ	\$ (21,978,495)	CMAQ recommended met
		TAP programmed ►	\$ 3,218,025	\$ 2,929,085	◀ Min. TAP	\$ (288,940)	TAP amount exceeded!
		Remaining HSIP, CMAQ, and TAP Funds \$				1	

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

► Section 1B / Earmark or Discretionary Grant Funded Projects

► Other Federal Aid

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

2021 Boston Region Transportation Improvement Program

Indicates a change in project cost

Indicates removed from TIP (cost not reflected in total)

Indicates a project moved in from another TIP element

Indicates a project moved out to another TIP element (cost not reflected in total)

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

Indicates a new funding category

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 2A / State Prioritized Reliability Projects

► Bridge Program / Inspections

Bridge Program	Project #	MPO	Municipalities	Description	District	NHPP	\$	-	\$	-	\$	-	
Bridge Program / Inspections subtotal ►							\$	-	\$	-	\$	-	◀ Funding Split Varies by Funding Source

► Bridge Program / Off-System

AMENDMENT: Increase Cost	Bridge Program	608637	Boston Region	Maynard	MAYNARD- BRIDGE REPLACMENT, M-10-006, CARRYING FLORIDA ROAD OVER THE ASSABET RIVER	3	STP-BR-OFF	\$ 1,646,400	\$ 1,317,120	\$ 329,280	Construction		
Bridge Program / Off-System subtotal ►							\$	1,646,400	\$	1,317,120	\$	329,280	◀ 80% Federal + 20% Non-Federal

► Bridge Program / On-System (NHS)

AMENDMENT: Move Project (TO 2022)	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	Construction		
AMENDMENT: Remove Project	Bridge Program	605313	Boston Region	Natick	NATICK- BRIDGE REPLACEMENT, N-03-020, ROUTE 27 (NORTH MAIN STREET) OVER ROUTE 9 (WORCESTER STREET) AND INTERCHANGE IMPROVEMENTS	3	NHPP-On	\$ 4,922,000	\$ 3,937,600	\$ 984,400	AC Year 1 of 2, Total Cost \$11,880,000		
AMENDMENT: New Project	Bridge Program	604952	Boston Region	Multiple	LYNN- SAUGUS- BRIDGE REPLACEMENT, L-18-016-S-05-008, ROUTE 107 OVER THE SAUGUS RIVER (AKA - BELDEN G. BLY BRIDGE)	4	NHPP-On	\$ 17,028,354	\$ 13,622,683	\$ 3,405,671	AC Year 3 of 5, Total Cost \$51,527,391 increased to \$74,471,140. Project funded in FFYs 2019 through 2023.		
AMENDMENT: Increase Cost	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 3 of 4, Total Cost increased from \$110,000,000 to \$213,972,689		
AMENDMENT: Increase Cost	Bridge Program	604173	Boston Region	Boston	BOSTON- BRIDGE REPLACEMENT, B-16-016, NORTH WASHINGTON STREET OVER THE BOSTON INNER HARBOR	6	NHPP-On	\$ 24,184,931	\$ 19,347,945	\$ 4,836,986	AC Year 5 of 6, Total Project Cost increased from \$176,318,433 to \$193,058,158.		
Bridge Program / On-System (NHS) subtotal ►							\$	71,206,275	\$	56,965,020	\$	14,241,255	◀ Funding Split Varies by Funding Source

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

AMENDMENT: Remove Project	Bridge Program	608522	Boston Region	Middleton	MIDDLETON- BRIDGE REPLACEMENT, M-20-003, ROUTE 62 (MAPLE STREET) OVER IPSWICH RIVER	4	NHPP-Off	\$ 3,933,440	\$ 3,146,752	\$ 786,688	Construction		
AMENDMENT: Move Project - (FROM 2020)	Bridge Program	608596	Boston Region	Essex	ESSEX- SUPERSTRUCTURE REPLACEMENT, E-11-001 (2TV), ROUTE 133 MAIN STREET OVER ESSEX RIVER	4	NHPP-Off	\$ 8,539,360	\$ 6,831,488	\$ 1,707,872	Construction; Funding moved from 2020; Previously AC year 2 of 2; project now funded completely in 2021; Total cost increase of \$2,111,360		
AMENDMENT: Remove Project	Bridge Program	608009	Boston Region	Boxborough	BOXBOROUGH- BRIDGE REPLACEMENT, B-18-002, ROUTE 111 OVER I-495	3	NHPP-Off	\$ 5,147,500	\$ 4,118,000	\$ 1,029,500	Construction / AC Year 2 of 2, Total Cost \$14,295,000		
Bridge Program / On-System (Non-NHS) subtotal ►							\$	8,539,360	\$	6,831,488	\$	1,707,872	◀ 80% Federal + 20% Non-Federal

2021 Boston Region Transportation Improvement Program

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Indicates a project moved out to another TIP element (cost not reflected in total)

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

Indicates a new funding category

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 ▼
► Bridge Program / Systematic Maintenance											
	Bridge Program	608610	Boston Region	Newton	NEWTON- STEEL SUPERSTRUCTURE CLEANING (FULL REMOVAL) AND PAINTING OF N-12-055	6	NHPP-On	\$ 2,308,000	\$ 1,846,400	\$ 461,600	
	Bridge Program	Project #	MPO	Municipalities	Description	District	NHPP-On	\$ -	\$ -	\$ -	
Bridge Program / Systematic Maintenance subtotal ►								\$ 2,308,000	\$ 1,846,400	\$ 461,600	◀ Funding Split Varies by Funding Source
► Interstate Pavement											
	Interstate Pavement	Project #	MPO	Multiple	Description	District	NHPP	\$ -	\$ -	\$ -	
Interstate Pavement subtotal ►								\$ -	\$ -	\$ -	◀ 90% Federal + 10% Non-Federal
► Non-Interstate Pavement											
	Non-Interstate Pavement	608493	Boston Region	Topsfield	TOPSFIELD- RESURFACING AND RELATED WORK ON ROUTE 1	4	NHPP	\$ 9,119,040	\$ 7,295,232	\$ 1,823,808	Construction
	Non-Interstate Pavement	608495	Boston Region	Multiple	CONCORD- LEXINGTON- LINCOLN- RESURFACING AND RELATED WORK ON ROUTE 2A	4	NHPP	\$ 3,171,840	\$ 2,537,472	\$ 634,368	Construction
	Non-Interstate Pavement	608498	Boston Region	Multiple	HINGHAM- WEMOUTH- BRAintree- RESURFACING AND RELATED WORK ON ROUTE 53	5	NHPP	\$ 7,929,600	\$ 6,343,680	\$ 1,585,920	Construction
Non-Interstate Pavement subtotal ►								\$ 20,220,480	\$ 16,176,384	\$ 4,044,096	◀ 80% Federal + 20% Non-Federal
► Roadway Improvements											
	Roadway Improvements	Project #	MPO	N/A	Description	District	STP	\$ -	\$ -	\$ -	
Roadway Improvements subtotal ►								\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal
► Safety Improvements											
	Safety Improvements	Project #	MPO	Multiple	Description	District	STP	\$ -	\$ -	\$ -	
Safety Improvements subtotal ►								\$ -	\$ -	\$ -	◀ Funding Split Varies by Funding Source
► Section 2B / State Prioritized Modernization Projects											
► ADA Retrofits											
	ADA Retrofits	Project #	Statewide	Multiple	Description	4	STP	\$ -	\$ -	\$ -	
ADA Retrofits subtotal ►								\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal

2021 Boston Region Transportation Improvement Program

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

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	Construction / PSAC score 51.5
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	\$ 2,784,000	\$ 2,505,600	\$ 278,400	Construction / PSAC score 61.5
Intersection Improvements		608569	Boston Region	Quincy	QUINCY- INTERSECTION IMPROVEMENTS AT ROUTE 3A (SOUTHERN ARTERY) AND BROAD STREET	6	HSIP	\$ 2,784,000	\$ 2,505,600	\$ 278,400	Construction / PSAC score 55
Intersection Improvements subtotal ►								\$ 8,352,000	\$ 7,516,800	\$ 835,200	◀ Funding Split Varies by Funding Source

► Intelligent Transportation Systems

Intelligent Transportation Systems	Project #	MPO	Municipalities	Description	District	NFP	\$	\$	\$	
							-	-	-	
Intelligent Transportation System subtotal ►							\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal

► Roadway Reconstruction

Roadway Reconstruction		607901	Boston Region	Dedham	DEDHAM- PEDESTRIAN IMPROVEMENTS ALONG ELM STREET & RUSTCRAFT ROAD CORRIDORS	6	CMAQ	\$ 2,581,113	\$ 2,064,890	\$ 516,223	Construction / PSAC score 51.25
Roadway Reconstruction		608911	Boston Region	Belmont	BELMONT- IMPROVEMENTS AT WELLINGTON ELEMENTARY SCHOOL (SRTS)	4	TAP	\$ 1,243,750	\$ 995,000	\$ 248,750	
Roadway Reconstruction		607977	Boston Region	Multiple	HOPKINTON- WESTBOROUGH- RECONSTRUCTION OF I-90/I-495 INTERCHANGE	3	NFP	\$ 37,500,000	\$ 30,000,000	\$ 7,500,000	Construction / Total Project Cost = \$270,000,000 / AC YR 2 of 6 / PSAC score 49
Roadway Reconstruction subtotal ►								\$ 41,324,863	\$ 33,059,890	\$ 8,264,973	◀ 80% Federal + 20% Non-Federal

► Section 2C / State Prioritized Expansion Projects

► Bicycles and Pedestrians

Bicycles and Pedestrians		607329	Boston Region	Multiple	WAKEFIELD- LYNNFIELD- RAIL TRAIL EXTENSION, FROM THE GALVIN MIDDLE SCHOOL TO LYNNFIELD/PEABODY T.L.	4	CMAQ	\$ 7,084,000	\$ 5,667,200	\$ 1,416,800	Construction / PSAC score 32.5
Bicycles and Pedestrians subtotal ►								\$ 7,084,000	\$ 5,667,200	\$ 1,416,800	◀ 80% Federal + 20% Non-Federal

► Capacity

Capacity	Project #	MPO	Municipalities	Description	District	CMAQ	\$	\$	\$	
							-	-	-	
Capacity subtotal ►							\$ -	\$ -	\$ -	◀ Funding Split Varies by Funding Source

► Section 3 / Planning / Adjustments / Pass-throughs

► Planning / Adjustments / Pass-throughs

Planning / Adjustments / Pass-throughs			Statewide	Multiple	ABP GANS Repayment	Multiple	NHPP	\$ -	\$ -	\$ -	
Other Statewide Items subtotal ►								\$ -	\$ -	\$ -	◀ Funding Split Varies by Funding Source

2021 Boston Region Transportation Improvement Program

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Indicates a new funding category

Amendment / Adjustment Type ▼	STIP Program ▼	MassDOT Project ID ▼	Metropolitan Planning Organization ▼	Municipality Name ▼	MassDOT Project Description ▼	MassDOT District ▼	Funding Source ▼	Total Programmed Funds ▼	Federal Funds ▼	Non-Federal Funds ▼	Additional Information ▼ <i>Present information as follows, if applicable:</i> a) Planning / Design / or Construction; b) total project cost and funding sources used; c) advance construction status; d) MPO project score; e) name of entity receiving a transfer; f) name of entity paying the non-state non-federal match; g) earmark details; h) TAP project proponent; i) other information
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► 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	Construction / Total Project Cost = \$270,000,000 / AC YR 2 of 6 / PSAC score 49
Non-Federal Aid subtotal ►								\$ 18,112,483		\$ 18,112,483	◀100% Non-Federal

2021 Summary

	TIP Section 1 - 3: ▼	TIP Section 4: ▼	Total of All Projects ▼	
Total ►	\$ 271,085,666	\$ 18,112,483	\$ 289,198,149	◀ Total Spending in Region
Federal Funds ►	\$ 218,088,664		\$ 218,088,664	◀ Total Federal Spending in Region
Non-Federal Funds ►	\$ 52,997,002	\$ 18,112,483	\$ 71,109,485	◀ Total Non-Federal Spending in Region

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

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

FTA Program	Project Number	Transit Agency	FTA Activity Line Item	Project Description	Carryover (unobligated)	Federal Funds	State Funds	TD C	Local Funds	Total Cost
5307										
	5307 RTD0005479	Cape Ann Transportation Authority	117A00	PREVENTIVE MAINTENANCE	2020 - \$350,000	\$350,000	\$87,500	\$0	\$0	\$437,500
	5307 RTD0005480	Cape Ann Transportation Authority	114206	ACQUIRE - SHOP EQ/COMP/SFTWR	2020 - \$40,000	\$40,000	\$10,000	\$0	\$0	\$50,000
	5307 RTD0006003	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 RTD0006004	MetroWest Regional Transit Authority	113403	TERMINAL, INTERMODAL (TRANSIT) ACQUISITION OF BUS SUPPORT	2020 - \$150,000	\$150,000	\$37,500	\$0	\$0	\$187,500
	5307 RTD0006005	MetroWest Regional Transit Authority	114200	EQUIP/FACILITIES	2020 - \$248,415	\$248,415	\$62,104	\$0	\$0	\$310,519
	5307 RTD0005163	MetroWest Regional Transit Authority	440000	Mobility Management	2020 - \$25,000	\$25,000	\$6,250	\$0	\$0	\$31,250
	5307 RTD0007326	Massachusetts Bay Transportation Authority (MBTA)	123402	Elevator and Escalator Program		\$29,600,000	\$0	\$0	\$7,400,000	\$37,000,000
	5307 RTD0006369	Massachusetts Bay Transportation Authority (MBTA)	121200	Revenue Vehicle Program		\$100,521,933	\$0	\$0	\$25,130,483	\$125,652,416
	5307 RTD0007338	Massachusetts Bay Transportation Authority (MBTA)	123400	Stations and Facilities Program		\$16,000,000	\$0	\$0	\$4,000,000	\$20,000,000
				Subtotal		\$148,235,348	\$528,354	\$0	\$36,530,483	\$185,294,185
5309										
	5309 RTD0005988	Massachusetts Bay Transportation Authority (MBTA)	132303	Green Line Extension Project		\$146,121,000	\$0	\$0	\$146,121,126	\$292,242,126
				Subtotal		\$146,121,000	\$0	\$0	\$146,121,126	\$292,242,126
5310										
				Subtotal		\$0	\$0	\$0	\$0	\$0
5311										
				Subtotal		\$0	\$0	\$0	\$0	\$0
5337										
	5337 RTD0007330	Massachusetts Bay Transportation Authority (MBTA)	126301	Signals/Systems Upgrade Program		\$71,242,094	\$0	\$0	\$17,810,524	\$89,052,618
	5337 RTD0006371	Massachusetts Bay Transportation Authority (MBTA)	122405	Bridge & Tunnel Program		\$37,064,000	\$0	\$0	\$9,266,000	\$46,330,000
	5337 RTD0006372	Massachusetts Bay Transportation Authority (MBTA)	123400	Stations and Facilities Program		\$37,586,910	\$0	\$0	\$9,396,727	\$46,983,637
				Subtotal		\$145,893,004	\$0	\$0	\$36,473,251	\$182,366,255
5339										
	5339 RTD0006374	Massachusetts Bay Transportation Authority (MBTA)	111400	Bus Program		\$5,683,653	\$0	\$0	\$1,420,913	\$7,104,566
				Subtotal		\$5,683,653	\$0	\$0	\$1,420,913	\$7,104,566
5320										
				Subtotal		\$0	\$0	\$0	\$0	\$0
Other Federal										
				Subtotal		\$0	\$0	\$0	\$0	\$0
Other Non-Federal										
				Subtotal		\$0	\$0	\$0	\$0	\$0
				Total		\$445,933,005	\$528,354	\$0	\$220,545,773	\$667,007,132

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

2022 Boston Region Transportation Improvement Program

Indicates a change in project cost

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Indicates a new funding category

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

Roadway reconstruction program	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; TAP+STP+NHPP Total Cost = \$152,000,000; AC Yr 3 of 5; Total funding in this TIP = \$76,626,515; TAP project proponent = Boston
Roadway reconstruction program	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; TAP+STP+NHPP Total Cost = \$152,000,000; AC Yr 3 of 5; Total funding in this TIP = \$76,626,515
Roadway reconstruction program	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; TAP+STP+NHPP Total Cost = \$152,000,000; AC Yr 3 of 5; Total funding in this TIP = \$76,626,515
Intersection improvements program	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 = \$9,377,782; MPO Evaluation Score = 55
Intersection improvements program	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 = \$9,377,782; MPO Evaluation Score = 55
Intersection improvements program	605857	Boston Region	Norwood	NORWOOD- INTERSECTION IMPROVEMENTS @ ROUTE 1 & UNIVERSITY AVENUE/EVERETT STREET	5	STP	\$ 2,873,029	\$ 2,298,423	\$ 574,606	Construction; HSIP+CMAQ+STP+NHPP Total Cost = \$9,377,782; MPO Evaluation Score = 55
Intersection improvements program	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 = \$9,377,782; MPO Evaluation Score = 55
Planning / Adjustments / Pass-throughs	BN0009	Boston Region	Multiple	COMMUNITY TRANSPORTATION PROGRAM	NA	CMAQ	\$ 1,000,000	\$ 800,000	\$ 200,000	Planning, Design, or Construction; Set Aside for LRTP Clean Air and Mobility Program
Bicycles and pedestrians program	607738	Boston Region	Bedford	BEDFORD- MINUTEMAN BIKEWAY EXTENSION, FROM LOOMIS STREET TO THE CONCORD T.L.	4	CMAQ	\$ 7,512,878	\$ 6,010,302	\$ 1,502,576	Construction; CMAQ+TAP Total Cost = \$7,862,878; MPO Evaluation Score = 47
Bicycles and pedestrians program	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 = \$7,862,878; MPO Evaluation Score = 47; TAP project proponent = Bedford
Bicycles and pedestrians program	608164	Boston Region	Sudbury	SUDBURY- BIKE PATH CONSTRUCTION (BRUCE FREEMAN RAIL TRAIL)	3	CMAQ	\$ 7,504,000	\$ 6,003,200	\$ 1,500,800	Construction; CMAQ+TAP Total Cost = \$8,004,000; MPO Evaluation Score = 40
Bicycles and pedestrians program	608164	Boston Region	Sudbury	SUDBURY- BIKE PATH CONSTRUCTION (BRUCE FREEMAN RAIL TRAIL)	3	TAP	\$ 500,000	\$ 400,000	\$ 100,000	Construction; CMAQ+TAP+STP Total Cost = \$8,004,000; MPO Evaluation Score = 40; TAP project proponent = Sudbury
Roadway reconstruction program	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 = \$14,190,425; MPO Evaluation Score = 75
Roadway reconstruction program	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 = \$14,190,425; MPO Evaluation Score = 75
Roadway reconstruction program	607777	Boston Region	Watertown	WATERTOWN- REHABILITATION OF MOUNT AUBURN STREET (ROUTE 16)	6	STP	\$ 11,190,425	\$ 8,952,340	\$ 2,238,085	Construction; HSIP+CMAQ+STP Total Cost = \$14,190,425; MPO Evaluation Score = 75

2022 Boston Region Transportation Improvement Program

Indicates a change in project cost

Indicates removed from TIP (cost not reflected in total)

Indicates a project moved in from another TIP element

Indicates a project moved out to another TIP element (cost not reflected in total)

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

Indicates a new funding category

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</i>
	Roadway reconstruction program	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 = \$9,028,628; MPO Evaluation Score = 61
	Roadway reconstruction program	608078	Boston Region	Chelsea	CHELSEA- RECONSTRUCTION ON BROADWAY (ROUTE 107), FROM CITY HALL AVENUE TO THE REVERE C.L.	6	STP	\$ 8,028,628	\$ 6,422,902	\$ 1,605,726	Construction; CMAQ+STP Total Cost = \$9,028,628; MPO Evaluation Score = 61
	Roadway reconstruction program	608229	Boston Region	Acton	ACTON- INTERSECTION & SIGNAL IMPROVEMENTS AT KELLEY'S CORNER, ROUTE 111 (MASSACHUSETTS AVENUE) AND ROUTE 27 (MAIN STREET)	3	CMAQ	\$ 1,000,000	\$ 800,000	\$ 200,000	Construction; CMAQ+TAP+STP Total Cost = \$8,671,000; MPO Evaluation Score = 45
	Roadway reconstruction program	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 = \$8,671,000; MPO Evaluation Score = 45; TAP project proponent = Acton
	Roadway reconstruction program	608229	Boston Region	Acton	ACTON- INTERSECTION & SIGNAL IMPROVEMENTS AT KELLEY'S CORNER, ROUTE 111 (MASSACHUSETTS AVENUE) AND ROUTE 27 (MAIN STREET)	3	STP	\$ 7,471,000	\$ 5,976,800	\$ 1,494,200	Construction; CMAQ+TAP+STP Total Cost = \$8,671,000; MPO Evaluation Score = 45
	Roadway reconstruction program	608146	Boston Region	Marblehead	MARBLEHEAD- INTERSECTION IMPROVEMENTS AT PLEASANT STREET & VILLAGE, VINE AND CROSS STREETS	4	STP	\$ 959,378	\$ 767,502	\$ 191,876	Construction; STP Total Cost = \$959,378; MPO Evaluation Score = 40
Regionally Prioritized Projects subtotal ▶								\$ 101,539,859	\$ 81,495,059	\$ 20,044,799	◀ 80% Federal + 20% Non-Federal

▶ Section 1A / Fiscal Constraint Analysis

Total Regional Federal Aid Funds Programmed ▶					
	\$ 101,539,859	\$ 101,539,859	◀ Total Budget	\$ 0	Target Funds Available
<small>Section 1A Instructions: MPO Template Name) Choose Regional Name from dropdown list to populate header and MPO column; Column C) Enter ID from ProjectInfo; Column E) Choose Municipality Name from dropdown list; Column H) Choose the Funding Source being used for the project - if multiple funding sources are being used enter multiple lines; Column I) Enter the total amount of funds being programmed in this fiscal year and for each funding source; Column J) Federal funds autocalculates. Please verify the amount and only change if needed for flex. Column K) Non-federal funds autocalculates. Please verify the split/match - if matching an FTA flex, coordinate with Rail & Transit Division before programming; Column L) Enter Additional Information as described - please do not use any other format.</small>	STP programmed ▶	\$ 57,021,058	\$ 83,572,288	◀ Max STP	\$ 26,551,230
	HSIP programmed ▶	\$ 2,631,724	\$ 4,296,710	◀ Min. HSIP	\$ 1,664,986
	CMAQ programmed ▶	\$ 22,016,878	\$ 10,741,776	◀ Min. CMAQ	\$ (11,275,102)
	TAP programmed ▶	\$ 2,332,990	\$ 2,929,085	◀ Min. TAP	\$ 596,095
Remaining HSIP, CMAQ, and TAP Funds \$ 0					

▶ Section 1B / Earmark or Discretionary Grant Funded Projects

▶ Other Federal Aid

Earmark Discretionary	Project #	Boston	Municipalities	Description	District	HPP	\$ -	\$ -	\$ -
Earmark Discretionary	Project #	Boston	Municipalities	Description	District	HPP	\$ -	\$ -	\$ -
							Other Federal Aid subtotal ▶		
							\$ -	\$ -	\$ -

◀ Funding Split Varies by Funding Source

2022 Boston Region Transportation Improvement Program

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Indicates a project moved in from another TIP element

Indicates a project moved out to another TIP element (cost not reflected in total)

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

Indicates a new funding category

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</i>
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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 2A / State Prioritized Reliability Projects

► Bridge Program / Inspections

Bridge Program	Project #	Statewide	Multiple	Description	Multiple	NHPP	\$	\$	\$	\$		
							Bridge Program / Inspections subtotal ►	\$ -	\$ -	\$ -	\$ -	◀ Funding Split Varies by Funding Source

► Bridge Program / Off-System

Bridge Program	Project #	MPO	N/A	Description	District	STP-BR-OFF	\$	\$	\$	\$		
							Bridge Program / Off-System subtotal ►	\$ -	\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal

► Bridge Program / On-System (NHS)

AMENDMENT: Increase Cost	Bridge Program	604173	Boston Region	Boston	BOSTON- BRIDGE REPLACEMENT, B-16-016, NORTH WASHINGTON STREET OVER THE BOSTON INNER HARBOR	6	NHPP-On	\$ 22,621,004	\$ 18,096,803	\$ 4,524,201	AC Year 6 of 6, Total Project Cost increased from \$176,318,433 to \$193,058,158.
AMENDMENT: Remove Project	Bridge Program	605313	Boston Region	Natick	NATICK- BRIDGE REPLACEMENT, N-03-020, ROUTE 27 (NORTH MAIN STREET) OVER ROUTE 9 (WORCESTER STREET) AND INTERCHANGE IMPROVEMENTS	3	NHPP-On	\$ 6,958,000	\$ 5,566,400	\$ 1,391,600	AC Year 2 of 2, Total Cost \$11,880,000-
AMENDMENT: Remove Project	Bridge Program	608703	Boston Region	Wilmington	WILMINGTON- BRIDGE REPLACEMENT, W-38-020 (2KV), ST 129 LOWELL STREET OVER I-93	4	NHPP-On	\$ 17,137,840	\$ 13,710,272	\$ 3,427,568	
AMENDMENT: Move Project - (FROM 2021)	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	
AMENDMENT: Move Project - (FROM 2020)	Bridge Program	608614	Boston Region	Boston	BOSTON- BRIDGE PRESERVATION, B-16-179, AUSTIN STREET OVER I-93 RAMP, MBTA COMMUTER RAIL AND ORANGE LINE	6	NHPP-On	\$ 22,132,800	\$ 17,706,240	\$ 4,426,560	
AMENDMENT: New Project	Bridge Program	604952	Boston Region	Multiple	LYNN- SAUGUS- BRIDGE REPLACEMENT, L-18-016=S-05-008, ROUTE 107 OVER THE SAUGUS RIVER (AKA - BELDEN G. BLY BRIDGE)	4	NHPP-On	\$ 21,746,735	\$ 17,397,388	\$ 4,349,347	AC Year 4 of 5, Total Cost \$51,527,391 increased to \$74,471,140. Project funded in FFYs 2019 through 2023.
AMENDMENT: Move Project - (TO 2023)	Bridge Program	606728	Boston Region	Boston	BOSTON- SUPERSTRUCTURE REPAIRS ON B-16-365, BOWKER OVERPASS OVER STORROW DRIVE (EB)	6	NHPP-On	\$ 24,009,680	\$ 19,207,744	\$ 4,801,936	Construction
							Bridge Program / On-System (NHS) subtotal ►	\$ 77,261,499	\$ 61,809,199	\$ 15,452,300	◀ Funding Split Varies by Funding Source

2022 Boston Region Transportation Improvement Program

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Indicates a new funding category

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

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

► Bridge Program / Systematic Maintenance

AMENDMENT: Add Project	Bridge Program	608866	Boston Region	Multiple	NEWTON-WESTON- STEEL SUPERSTRUCTURE CLEANING (FULL REMOVAL) AND PAINTING OF 3 BRIDGES: N-12-051, W-29-011 & W-29-028	6	NHPP-On	\$ 2,349,900	\$ 1,879,920	\$ 469,980	
Bridge Program / Systematic Maintenance subtotal ►								\$ 2,349,900	\$ 1,879,920	\$ 469,980	◀ Funding Split Varies by Funding Source

► Interstate Pavement

	Interstate Pavement	608210	Boston Region	Multiple	FOXBOROUGH- PLAINVILLE- WRENTHAM- FRANKLIN- INTERSTATE MAINTENANCE & RELATED WORK ON I-495	5	NHPP	\$ 11,497,920	\$ 10,348,128	\$ 1,149,792	Construction
Interstate Pavement subtotal ►								\$ 11,497,920	\$ 10,348,128	\$ 1,149,792	◀ 90% Federal + 10% Non-Federal

► Non-Interstate Pavement

	Non-Interstate Pavement	608817	Boston Region	Multiple	SALEM- LYNN- RESURFACING AND RELATED WORK ON ROUTE 107	4	NHPP	\$ 2,566,500	\$ 2,053,200	\$ 513,300	Construction
	Non-Interstate Pavement	608818	Boston Region	Danvers	DANVERS- RESURFACING AND RELATED WORK ON ROUTE 114	4	NHPP	\$ 1,916,320	\$ 1,533,056	\$ 383,264	Construction
Non-Interstate Pavement subtotal ►								\$ 4,482,820	\$ 3,586,256	\$ 896,564	◀ 80% Federal + 20% Non-Federal

► Roadway Improvements

	Roadway Improvements	Project #	MPO	N/A	Description	5	STP	\$ -	\$ -	\$ -	
Roadway Improvements subtotal ►								\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal

► Safety Improvements

	Safety Improvements	Project #	MPO	N/A	Description	Multiple	HSIP	\$ -	\$ -	\$ -	
Safety Improvements subtotal ►								\$ -	\$ -	\$ -	◀ Funding Split Varies by Funding Source

► Section 2B / State Prioritized Modernization Projects

► ADA Retrofits

	ADA Retrofits	Project #	MPO	Municipalities	Description	District	STP	\$ -	\$ -	\$ -	
ADA Retrofits subtotal ►								\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal

► Intersection Improvements

	Intersection Improvements	Project #	MPO	Municipalities	Description	District	HSIP	\$ -	\$ -	\$ -	
Intersection Improvements subtotal ►								\$ -	\$ -	\$ -	◀ Funding Split Varies by Funding Source

► Intelligent Transportation Systems

	Intelligent Transportation Systems	Project #	MPO	Municipalities	Description	District	NFP	\$ -	\$ -	\$ -	
Intelligent Transportation System subtotal ►								\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal

2022 Boston Region Transportation Improvement Program

Indicates a change in project cost

Indicates removed from TIP (cost not reflected in total)

Indicates a project moved in from another TIP element

Indicates a project moved out to another TIP element (cost not reflected in total)

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

Indicates a new funding category

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</i>
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► Roadway Reconstruction

Roadway Reconstruction	607977	Boston Region	Multiple	HOPKINTON- WESTBOROUGH- RECONSTRUCTION OF I-90/I-495 INTERCHANGE	3	NFP	\$ 25,266,061	\$ 20,212,849	\$ 5,053,212	Construction / Total Project Cost = \$270,000,000 / AC YR 3 of 6 / PSAC score 49	
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	Construction / Total Project Cost = \$270,000,000 / AC YR 3 of 6 / PSAC score 49	
Roadway Reconstruction subtotal ►								\$ 37,500,000	\$ 30,000,000	\$ 7,500,000	◀ 80% Federal + 20% Non-Federal

► Section 2C / State Prioritized Expansion Projects

► Bicycles and Pedestrians

Bicycles and Pedestrians	Project #	MPO	N/A	Description	District	CMAQ	\$	\$	\$		
							Bicycles and Pedestrians subtotal ►	\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal

► Capacity

Capacity	Project #	MPO	Municipalities	Description	District	CMAQ	\$	\$	\$		
							Capacity subtotal ►	\$ -	\$ -	\$ -	◀ Funding Split Varies by Funding Source

► Section 3 / Planning / Adjustments / Pass-throughs

► Planning / Adjustments / Pass-throughs

Planning / Adjustments / Pass-throughs	Project #	Statewide	Multiple	Description	Multiple	NHPP	\$	\$	\$		
							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	Construction / Total Project Cost = \$270,000,000 / AC YR 3 of 6 / PSAC score 49
Non-Federal Aid subtotal ►							\$ 18,112,483		\$ 18,112,483	◀ 100% Non-Federal

2022 Summary

	TIP Section 1 - 3: ▼	TIP Section 4: ▼	Total of All Projects ▼	
Total ►	\$ 239,815,358	\$ 18,112,483	\$ 257,927,841	◀ Total Spending in Region
Federal Funds ►	\$ 193,265,250		\$ 193,265,250	◀ Total Federal Spending in Region
Non-Federal Funds ►	\$ 46,550,107	\$ 18,112,483	\$ 64,662,590	◀ Total Non-Federal Spending in Region

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

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

FTA Program	Project Number	Transit Agency	FTA Activity Line Item	Project Description	Carryover (unobligated)	Federal Funds	State Funds	TD C	Local Funds	Total Cost
5307										
	5307 RTD0006090	Cape Ann Transportation Authority	117A00	PREVENTIVE MAINTENANCE	2021 - \$325,000	\$325,000	\$0	\$0	\$81,250	\$406,250
	5307 RTD0006091	Cape Ann Transportation Authority	114206	ACQUIRE - SHOP EQUIPMENT	2021 - \$40,000	\$40,000	\$10,000	\$0	\$0	\$50,000
	5307 RTD0006299	MetroWest Regional Transit Authority	117C00	NON FIXED ROUTE ADA PARA SERV ACQUISITION OF BUS SUPPORT	2021 - \$1,300,000	\$1,300,000	\$325,000	\$0	\$0	\$1,625,000
	5307 RTD0006300	MetroWest Regional Transit Authority	114200	EQUIP/FACILITIES	2021 - \$248,415	\$248,415	\$62,104	\$0	\$0	\$310,519
	5307 RTD0006301	MetroWest Regional Transit Authority	113403	TERMINAL, INTERMODAL (TRANSIT)	2021 - \$150,000	\$150,000	\$37,500	\$0	\$0	\$187,500
	5307 RTD0006302	MetroWest Regional Transit Authority	440000	Mobility Management	2021 - \$25,000	\$25,000	\$6,250	\$0	\$0	\$31,250
	5307 RTD0006375	Massachusetts Bay Transportation Authority (MBTA)	121200	Revenue Vehicle Program		\$146,121,933	\$0	\$0	\$36,530,483	\$182,652,416
				Subtotal		\$148,210,348	\$440,854	\$0	\$36,611,733	\$185,262,935
5309										
				Subtotal		\$0	\$0	\$0	\$0	\$0
5310										
				Subtotal		\$0	\$0	\$0	\$0	\$0
5311										
				Subtotal		\$0	\$0	\$0	\$0	\$0
5337										
	5337 RTD0006377	Massachusetts Bay Transportation Authority (MBTA)	122405	Bridge & Tunnel Program		\$38,730,484	\$0	\$0	\$9,682,621	\$48,413,105
	5337 RTD0006378	Massachusetts Bay Transportation Authority (MBTA)	123400	Stations and Facilities Program		\$34,860,288	\$0	\$0	\$8,715,072	\$43,575,360
	5337 RTD0007331	Massachusetts Bay Transportation Authority (MBTA)	126301	Signals/Systems Upgrade Program		\$72,302,233	\$0	\$0	\$18,075,558	\$90,377,791
				Subtotal		\$145,893,005	\$0	\$0	\$36,473,251	\$182,366,256
5339										
	5339 RTD0006380	Massachusetts Bay Transportation Authority (MBTA)	111400	Bus Program		\$5,683,653	\$0	\$0	\$1,420,913	\$7,104,566
				Subtotal		\$5,683,653	\$0	\$0	\$1,420,913	\$7,104,566
5320										
				Subtotal		\$0	\$0	\$0	\$0	\$0
Other Federal										
				Subtotal		\$0	\$0	\$0	\$0	\$0
Other Non-Federal										
				Subtotal		\$0	\$0	\$0	\$0	\$0
				Total		\$299,787,006	\$440,854	\$0	\$74,505,897	\$374,733,757

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