Indicates a change in project cost

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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 ▼		Total Programmed Funds ▼	Federal Funds ▼	Non-Federal Funds ▼	Additional Information ▼  Present information as follows, if applicable: a) Planning /  Design / or Construction: b) total project cost and funding sources used; c) advance construction status; d) MPO project score; e) name of entity receiving a transfer; f) name of entity paying the non-state non-federal match; g) earmark details; h) TAP project proponent; i) other information
► Section 1A / Regio	nally Prioritized	d Projects									
► Regionally Prioriti	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 Constribution (\$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 Constribution (\$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 Constribution (\$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 Price	oritized Proje	cts subtotal <b>&gt;</b>	\$ 95,024,497	\$ 76,049,208	\$ 18,975,289	■ 80% Federal + 20% Non-Federal

#### **Boston Region Transportation Improvement Program** 2018 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 Metropolitan Municipality MassDOT Non-Federal Amendment / MassDOT MassDOT Funding Total Federal Adjustment Type ▼ Project ID ▼ Planning Program ▼ Name ▼ Project District ▼ Source ▼ Programmed Funds 1 Funds ▼ Additional Information ▼ Organization Description ▼ Funds ▼ Present information as follows, if applicable: a) Planning / Design / or Construction; b) total project cost and funding sources used; c) advance construction status; d) MPO project score; e) name of entity receiving a transfer; f) name of entity paying the non-state non-federal match; g) earmark details; h) TAP project proponent; i) other information Section 1A / Fiscal Constraint Analysis Total Regional Federal Aid Funds Programmed ▶ \$ 14,439 Target Funds Available STP programmed ▶ \$ 40,729,688 \$ 77,071,365 36,341,677 STP available s: 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 HSIP programmed ▶ \$ 296,103 \$ 4,296,710 ■ Min. HSIP 4,000,607 HSIP recommended not met 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, CMAQ programmed ► \$ 48,500,000 10,741,776 ◀ Min. CMAQ (37,758,224) CMAQ recommended met coordinate with Rail & Transit Division before programming; Column L) Enter Additional Information as described - please do not use any other format. 5.498.706 \$ 2.929.085 ◀ Min. TAP (2,569,621) TAP amount exceeded! TAP programmed ► \$ Remaining HSIP, CMAQ, and TAP Funds \$ 14,439 ► Section 1B / Earmark or Discretionary Grant Funded Projects ▶ Other Federal Aid Construction: HPP 2129 (MA155); total cost increasing from Earmark BOSTON- TRAFFIC SIGNAL IMPROVEMENTS ON Boston Region 606134 Boston 6 HPP \$ 2.501.046 2,000,837 \$ 500.209 \$2,501,046 to \$3,549,862. Increase covered under Section Discretionary BLUE HILL AVENUE AND WARREN STREET A/Safety Improvements Construction: HPP L020 (MAM03): total cost increasing from Earmark ARLINGTON- BELMONT- HIGHWAY LIGHTING HPP \$9,100,506 to \$14,178,273. Increase covered under Section 606381 Boston Region Multiple 1,076,625 861,300 \$ 215.325 REPAIR & MAINTENANCE ON ROUTE 2 Discretionary A/Safety Improvements Construction; HPP H020 (MAM04); total cost increasing from ARLINGTON- BELMONT- HIGHWAY LIGHTING Earmark 606381 Boston Region Multiple HPP 2,137,500 1,710,000 \$ 427,500 59,100,506 to \$14,178,273. Increase covered under Section Discretionary REPAIR & MAINTENANCE ON ROUTE 2 2A/Safety Improvements WELLESLEY- NEWTON- WESTON- PAVEMENT Earmark 608823 Multiple HPP 1.998.390 1.598.712 399.678 Construction; HPP H020 (MAM01) Boston Region 6 \$ Discretionary RESURFACING AND RELATED WORK ON I-95 WELLESLEY- NEWTON- WESTON- PAVEMENT Earmark 608823 Boston Region Multiple 6 HPP 2.137.500 1.710.000 427.500 Construction; HPP H020 (MAM02) Discretionar RESURFACING AND RELATED WORK ON I-95 Earmark WELLESLEY- NEWTON- WESTON- PAVEMENT Construction: FBD MAF01 608823 Boston Region Multiple 6 FBD 329.525 263,620 65.905 Discretionary RESURFACING AND RELATED WORK ON I-95 Other Federal Aid subtotal ▶ \$ 10,180,586 \$ 8,144,469 \$ ► Section 2A / State Prioritized Reliability Projects ► Bridge Program / Inspections Statewide N/A Bridge Inspection NHPP \$ Bridge Program Project # Multiple Bridge Program / Inspections subtotal ▶ \$ \$ \$ ■ Funding Split Varies by Funding Source ► Bridge Program / Off-System QUINCY- SUPERSTRUCTURE REPLACEMENT, Q-607133 01-039, ROBERTSON STREET OVER I-93/US 1/SR 3 STP-BR-OFF 3,730,943 \$ Bridge Program Boston Region Quincy 6 \$ 4.663.678 \$ 932,736 HOPKINTON- WESTBOROUGH- BRIDGE AMENDMENT:Decrease Construction Bridge Program 606632 Boston Region Multiple REPLACEMENT, H-23-006=W-24-016, FRUIT 3 STP-BR-OFF 11.465.706 9.172.565 2.293,141 Cost decreased from \$12,993,071 STREET OVER CSX & SUDBURY RIVER MARSHFIELD- BRIDGE REPLACEMENT, M-07-007. Bridge Program 604655 Boston Region Marshfield 5 STP-BR-OFF 4.189.856 3,351,884 837.971 Construction BEACH STREET OVER THE CUT RIVER WALTHAM- BRIDGE REPLACEMENT, W-04-006. 607533 Boston Region Waltham STP-BR-OFF 3,327,210 2,661,768 665,442 Construction Bridge Program WOERD AVENUE OVER CHARLES RIVER Bridge Program / Off-System subtotal ▶ \$ 23,646,449 \$ 18,917,160 \$ 4,729,290 ◀ 80% Federal + 20% Non-Federal

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Amendment / Adjustment Type ▼	STIP Program ▼	MassDOT Project ID ▼	Metropolitan Planning Organization ▼	Municipality Name ▼	MassDOT Project Description ▼	MassDOT District ▼	_	Total Programmed Funds ▼	Federal Funds ▼	Non-Federal Funds ▼	Additional Information ▼  Present information as follows, if applicable: a) Planning / Design / or Construction; b) total project cost and funding sources used; c) advance construction status; d) MPO project score; e) name of entity receiving a transfer; f) name of entity paying the non-state non-federal match; g) earmark details; h) TAP project proponent; i) other information
► Bridge Program / C	n Systom (NUS	2)				l .					
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-On	\$ 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.
	Ш				Bridge Program / On	-System (NF	IS) subtotal ▶	\$ 106,349,636	\$ 85,079,709	\$ 21,269,927	■ Funding Split Varies by Funding Source
► Bridge Program / C			1					1	Ť	i	
	Bridge Program	Project #	MPO	N/A	Description Bridge Program / On-Syst	District	NHPP-Off		\$ - \$ -	\$ -	■ 80% Federal + 20% Non-Federal
					Blidge Program / On-Syst	em (Non-NF	is) sublotal 🕨	-	-	5	■ 80% Federal + 20% Non-Federal
► Bridge Program / S	ystematic Mair	ntenance									T
	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 / Systemat	ic Maintenan	ice subtotal >	\$ 4,413,447	\$ 3,530,758	\$ 882,689	■ Funding Split Varies by Funding Source
► Interstate Pavemen	nt							1	I .	I .	I
	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
-					Insters	state Paveme	ent subtotal ►	\$ 2,398,293	\$ 2,158,464	\$ 239,829	■ 90% Federal + 10% Non-Federal
► Non-Interstate Pave	ement										
	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		Replacement for Lynnfield/Peabody (607477) in FFY 2017 (TFPC was \$8,892,334)
					Non-Inters	state Paveme	ent subtotal >	\$ 45,687,206	\$ 36,549,765	\$ 9,137,441	■ 80% Federal + 20% Non-Federal

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Amendment / Adjustment Type ▼	STIP Program ▼	MassDOT Project ID ▼	Metropolitan Planning Organization	Municipality Name ▼	MassDOT Project Description ▼	MassDOT District ▼		Total Programmed Funds ▼	Federal Funds ▼	Non-Federal Funds ▼	Additional Information ▼  Present Information as follows, if applicable: a) Planning /  Design / or Construction; b) total project cost and funding sources  used; c) advance construction status; d) MPO project score; e) nam  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 Improve	ments										
	Roadway Improvements	Project #	МРО	Multiple	Description	District	STP-TE	\$ -	\$ -	\$ -	
					Roadwa	y Improveme	nts subtotal ▶	\$ -	\$ -	\$ -	■ 80% Federal + 20% Non-Federal
► Safety Improveme	nts										
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 increas 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
					Safet	y Improveme	nts subtotal ▶	\$ 16,877,007	\$ 13,501,606	\$ 3,375,401	■ Funding Split Varies by Funding Source
► Section 2B / State	Prioritized Mod	ernization Pr	ojects								
► ADA Retrofits	1				T	1		1	1	1	
	ADA Retrofits	Project #	MPO	Municipalities	Description	District	STP	\$ -	\$ -	\$ -	
						ADA Retro	fits subtotal ▶	\$ -	\$ -	\$ -	■ 80% Federal + 20% Non-Federal
► Intersection Impro				T	T	1		1	T	T	
	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	n Improveme	nts subtotal <b>&gt;</b>	\$ 500,000	\$ 400,000	\$ 100,000	■ Funding Split Varies by Funding Source
► Intelligent Transpo		s							1	1	
	Intelligent Transportation Systems	Project #	Statewide	Multiple	Description	Multiple	NHPP	\$ -	\$ -	\$ -	
					Intelligent Transp	ortation Syst	em subtotal <b>&gt;</b>	- \$	\$ -	\$ -	■ 80% Federal + 20% Non-Federal
► Roadway Reconstr	uction										
	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	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	28
AMENDMENT:Increase Cost	Roadway Reconstruction	605110	Boston Region	Brookline	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 Constribution (\$1,000,000) = \$7,673,204; MPO Evaluation Score = 70
					Roadway	Reconstruct	ion subtotal ▶	\$ 1,870,716	\$ 1,496,573	\$ 374,143	■ 80% Federal + 20% Non-Federal

#### **Boston Region Transportation Improvement Program** 2018 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 Metropolitan Municipality MassDOT Non-Federal Amendment / MassDOT MassDOT Funding Total Federal Adjustment Type ▼ Project ID ▼ Planning Program ▼ Name ▼ Project District ▼ Source ▼ Programmed Funds ▼ Funds ▼ Additional Information ▼ Organization Description ▼ Funds ▼ Present information as follows, if applicable: a) Planning / Design / or Construction; b) total project cost and funding sources used; c) advance construction status; d) MPO project score; e) name of entity receiving a transfer; f) name of entity paying the non-state non-federal match; g) earmark details; h) TAP project proponent; i) ther information ► Section 2C / State Prioritized Expansion Projects ▶ Bicycles and Pedestrians FRAMINGHAM- NATICK- COCHITUATE RAIL TRAIL Construction / PSAC score 35.5; total cost increasing from CONSTRUCTION INCLUDING PEDESTRIAN Bicvcles and 607732 Boston Region Multiple 3 TAP 7,152,508 5,722,006 \$ 1,430,502 \$9,770,863 to \$12,074,327. Increase covered below under BRIDGE, N-03-014, OVER ROUTE 9 & F-07-033=N-03 Pedestrians tatewide STP-TE. 029 OVER ROUTE 30 FRAMINGHAM- NATICK- COCHITUATE RAIL TRAIL Construction / PSAC score 35.5; total cost increasing from AMENDMENT:Increase Bicycles and CONSTRUCTION INCLUDING PEDESTRIAN 9,770,863 to \$12,074,327. Increase covered below under 607732 Multiple 3 STP-TE 4 921 819 3 937 455 Boston Region BRIDGE, N-03-014, OVER ROUTE 9 & F-07-033=N-03 Cost atewide STP-TE. 029 OVER ROUTE 30 Bicycles and Pedestrians subtotal ▶ 12,074,327 9,659,462 \$ 2,414,865 ◀ 80% Federal + 20% Non-Federal **▶** Capacity MPO Municipalities Description District CMAQ \$ Capacity Project # Capacity subtotal ► \$ - \$ - \$ ► Section 3 / Planning / Adjustments / Pass-throughs ▶ Planning / Adjustments / Pass-throughs \$ Statewide Multiple Description Multiple NHPP \$ \$ Adjustments . Project # Pass-throughs Other Statewide Items subtotal ▶ \$ - \$ - \$ ► Section 4 / Non-Federally Aided Projects ▶ Non-Federally Aided Projects MPO Non Federal Aid Project # Municipalities Description District NFA Non-Federal Aid subtotal▶ \$ ■100% Non-Federal 2018 Summary Total of All 3: ▼ 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 L	ine 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		\$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
					2017 -	\$69,342	\$169,462		\$0	\$238,804
	5307 RTD0005989	MetroWest Regional Transit Authority		113403 TERMINAL, INTERMODAL (TRANSIT)	\$69,342			\$0		
						\$2,357,917	\$589,479			\$2,947,396
	5307 RTD0005990	MetroWest Regional Transit Authority	117C00	NON FIXED ROUTE ADA PARA SERV	2017 - \$122,079			\$0	\$0	
				ACQUISITION OF BUS SUPPORT		\$12,720	\$186,392			\$199,112
	5307 RTD0005991	MetroWest Regional Transit Authority		114200 EQUIP/FACILITIES				\$0	\$0	
		Massachusetts Bay Transportation Authority	,							
	5307 RTD0006350	(MBTA)		121200 Revenue Vehicle Program		\$76,857,957	\$0	\$0	\$19,214,494	\$96,072,45
		Massachusetts Bay Transportation Authority	,	· ·			•	•		
	5307 RTD0007324	(MBTA)		123402 Elevator and Escalator Program		\$39,200,000	\$0	\$0	\$9,800,000	\$49,000,000
		Massachusetts Bay Transportation Authority	,			, , ,			, ,	,,
	5307 RTD0007323	(MBTA)		126301 Signals/Systems Upgrade Program		\$64,000,000	\$0	\$0	\$16,000,000	\$80,000,000
		,					\$989,550			229,116,347
					Subtotal	\$183,024,803	,	\$0		
5309										
		Massachusetts Bay Transportation Authority	,							
	5309 RTD0005980	(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	\$204,200
	5310 RTD0006468	MetroWest Regional Transit Authority	300901 MWRTA 5310 Operating Project FY18		\$250,000	,	\$0	\$0	\$500,000
	5310 RTD0006536	MetroWest Regional Transit Authority	440000 MWRTA 5310 Travel Training Initiative (TI MWRTA 5310 MAP Replacement Vehicles	•	\$80,000	\$20,000	\$0	\$0	\$100,000
	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 117	LOO 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
	5040 PTD0005400		COORDINATION OF NON-EMERGENCY		4457.040	40	40	422.222	4405.540
	5310 RTD0006432	Mystic Valley Elder Services, Inc.	1000048 HUMAN SERVICE TRANSPORTATION		\$157,312	\$0		\$39,328	\$196,640
	5310 RTD0006531	Town of Brookline	1000048 MOBILITY MANAGEMENT (5302(A)(1)(L))	Subtotal	\$102,012	\$0 \$914,380		\$25,503	\$127,515
				Subtotal	\$2,445,008	\$914,380	ŞU	\$534,585	\$3,893,973
5311				Subtotal	\$0	\$0	\$0	\$0	\$0
5337									
		Massachusetts Bay Transportation Authority							
	5337 RTD0006352	(MBTA)	122405 Bridge & Tunnel Program		\$140,512,259	\$0	\$0	\$35,128,065	\$175,640,324
		Massachusetts Bay Transportation Authority							
	5337 RTD0006353	(MBTA)	123400 Stations and Facilities Program		\$108,483,134	\$0	\$0	\$27,120,783	\$135,603,917
		Massachusetts Bay Transportation Authority							
	5337 RTD0007327	(MBTA)	126301 Signals/Systems Upgrade Program		\$45,815,066	\$0	\$0	\$11,453,766	\$57,268,832
		Massachusetts Bay Transportation Authority							
	5337 RTD0007336	(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									
		Massachusetts Bay Transportation Authority							
	5339 RTD0006355	(MBTA)	111400 Bus Program		\$15,922,024	\$0	\$0	\$3,980,505	\$19,902,529
		Massachusetts Bay Transportation Authority	-						
	5339 RTD0007333	(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									
3323				Subtotal	\$0	\$0	\$0	\$0	\$0
Other Federal									
		Massachusetts Bay Transportation Authority							
Other Federal	RTD0007335	(MBTA)	126301 PTC - RRIF/TIFIA Financing		\$382,000,000	\$0	\$0 \$9	5,500,000	\$477,500,000
		Massachusetts Bay Transportation Authority							
Other Federal	RTD0007340	(MBTA)	112401 Repurposed Bus Earmarks		\$2,039,691	\$0	\$0	\$509,923	\$2,549,614
				Subtotal	\$384,039,691	\$0	\$0 \$9	6,009,923	\$480,049,614
Other Non-Federal									
						\$500,000			\$500,000
Other Non-Federal	RTD0006002	MetroWest Regional Transit Authority	115320 CONSTRUCT MISC ELEC/POWER EQUIP		\$0		\$0	\$0	
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 - Stonehan	n					
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		\$0	\$14,000	\$70,000
						\$1,287,520			\$1,484,400
				Subtotal	\$0		•	\$196,880	
					\$1,442,331,719	\$3,191,450		2,549,408	\$2,218,072,577
				Total			\$0		

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

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

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 ▼		Funding Source ▼	al grammed nds ▼	Feder Funds			Additional Information ▼  Present information as follows, if applicable: a) Planning / Design / or Construction; b) total project cost and funding sources used; c) advance construction status, d) MPO project score; e) name of entity receiving a transfer; f) name of entity paying the non-state non-federal match; g) earmark details; h) TAP project proponent; i) other information
	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 REOUT 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 REOUT 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 REOUT 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 REOUT 9 (NEWTON)	6	STP	\$ 4,851,064 98,810,545		3,880,851		Construction; CMAQ+HSIP+TAP+STP Total Cost = \$21,434,400; AC Yr 1 of 2; MPO Evaluation Score = 75  ■ 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.

		1		,					
Total Regional Federal Aid	Funds Programmed ▶	\$	98,810,545	\$	98,794,261	▼Total Budget	\$	(16,284)	Funds Over Programmed
pulate header and MPO column;	STP programmed ▶	\$	60,512,011	\$	80,826,690	■ Max STP	\$	20,314,679	STP available
olumn H) Choose the Funding	i								
olumn I) Enter the total amount of	HSIP programmed ▶	\$	4,865,970	\$	4,296,710	■ Min. HSIP	\$	(569,260)	HSIP recommended met
autocalculates. Please verify the	. •	l		l	1		l		
rify the split/match - if matching an formation as described - please do	CMAQ programmed ►	\$	29,842,726	\$	10,741,776	■ Min. CMAQ	\$	(19,100,950)	CMAQ recommended met
ilormation as described - please do	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											
Potner 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
	Discretionary		Boston	BOSTON- RECONSTRUCTION OF MELNEA CASS BOULEVARD	6	HPP	\$ 2,703,983 \$	2,163,186	\$ 540,797	Construction; HPP 756 (MA126); STP+Earmarks Total Cos = \$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)

#### **Boston Region Transportation Improvement Program** 2019 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 MassDOT MassDOT Federal Amendment / Metropolitan Municipality MassDOT Funding Total Non-Federal Adjustment Type ▼ Project ID ▼ Planning Name ▼ Project District ▼ Source ▼ Programmed Funds ▼ Funds ▼ Program ▼ Additional Information ▼ Organization ▼ **Description ▼** Present information as follows, if applicable: a) Planning / Funds ▼ 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 MILTON- DECK RECONSTRUCTION OVER SE Earmark EXPRESSWAY (EAST MILTON SQUARE), Construction; (MA134) 607330 Milton HPP 1.001.475 \$ Boston Region 4 1.251.844 250 369 INCLUDES PARKING & NEW LANDSCAPED Discretionary Demo ID: MA 149 BROOKLINE- PEDESTRIAN BRIDGE Earmark Repurposed earmark, formerly design and construct signal 606316 Boston Region Brookline REHABILITATION, B-27-016, OVER MBTA OFF HPP 751,106 600,885 150,221 crossing and other safety improvements to Emerald Discretionary CARLTON STREET 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 MPO \$ Bridge Program Project # Municipalities Description District NHPP - \$ \$ \$ Bridge Program / Inspections subtotal ▶ ■ Funding Split Varies by Funding Source ► Bridge Program / Off-System SHARON- BRIDGE REPLACEMENT, S-09-003 AMENDMENT:Decrease Bridge Program 608079 Boston Region (40N), MASKWONICUT STREET OVER STP-BR-OFF 2.683.087 2.146.470 536,617 Construction Sharon Cost AMTRAK/MBTA STOW- BRIDGE REPLACEMENT, S-29-011. AMENDMENT:Increase Cost Bridge Program 608255 Boston Region Stow 3 STP-BR-OFF 3 612 223 2 889 778 722 445 BOX MILL ROAD OVER ELIZABETH BROOK 5,036,248 \$ Bridge Program / Off-System subtotal ▶ 6,295,310 1,259,062 ■ 80% Federal + 20% Non-Federal ► Bridge Program / On-System (NHS) LYNN- SAUGUS- BRIDGE REPLACEMENT, L-18-016=S-05-008, ROUTE 107 OVER THE AC Year 2 of 2 1 of 5, Total Cost \$51,527,391 increased to AMENDMENT: Decrease NHPP-On Bridge Program 604952 Boston Region Multiple 14.894.228 11,915,382 SAUGUS RIVER (AKA - BELDEN G. BLY 74,471,140. Project funded in FFYs 2019 through 2023. Cost BRIDGE) CHELSEA- ROUTE 1 VIADUCT AC Year 2 of 4, Total Cost increased from \$110,000,000 to AMENDMENT:Increase Cost Bridge Program REHABILITATION (SB/NB) ON C-09-007 & C-09 NHPP-On 57,341,704 605287 Boston Region Chelsea 71,677,130 BOSTON- BRIDGE REPLACEMENT, B-16-016 NORTH WASHINGTON STREET OVER THE AC Year 3 of 6, Total Project Cost increased from BOSTON INNER HARBOR NHPP-On

25,184,931

20,147,945

Bridge Program / On-System (NHS) subtotal ▶ \$ 111,756,289 \$ 89,405,031 \$ 22,351,258 ▼ Funding Split Varies by Funding Source

5,036,986

176,318,433 to \$193,058,158.

604173

Boston Region

Boston

AMENDMENT:Increase Cost Bridge Program

#### **Boston Region Transportation Improvement Program** 2019 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 MassDOT MassDOT MassDOT Funding Federal Amendment / Metropolitan Municipality Total Non-Federal Adjustment Type ▼ Project ID ▼ Planning Name ▼ Project District ▼ Source ▼ Programmed Funds ▼ Funds ▼ Program ▼ Additional Information ▼ Description ▼ Present information as follows, if applicable: a) Planning / Organization ▼ Funds ▼ Design / or Construction; b) total project cost and funding sources used; c) advance construction status; d) MPO project score; e) name of entity receiving a transfer; f) name of entity paying the non-state non-federal match; g) earmark details; h) TAP project proponent; i) other information ▶ Bridge Program / On-System (Non-NHS) Bridge Program Project # MPO N/A Description District NHPP-Off ■ 80% Federal + 20% Non-Federal Bridge Program / On-System (Non-NHS) subtotal ▶ \$ ► Bridge Program / Systematic Maintenance BOSTON- RANDOLPH- BRIDGE AMENDMENT:Increase Cost Bridge Program 608234 Boston Region Multiple PRESERVATION OF 3 BRIDGES: B-16-165, R-NHPP-On 01-005 & R-01-007 Bridge Program / Systematic Maintenance subtotal ▶ 4,984,738 3,987,790 996,948 ■ Funding Split Varies by Funding Source ► Interstate Pavement Interstate READING- WAKEFIELD- INTERSTATE 608219 Boston Region Multiple 4 NHPP 4 123 392 3,711,053 412 339 Construction Pavement MAINTENANCE AND RELATED WORK ON I-95 Insterstate Pavement subtotal ▶ \$ 4,123,392 \$ 3,711,053 \$ 412,339 ◀ 90% Federal + 10% Non-Federal ▶ Non-Interstate Pavement MARLBOROUGH- RESURFACING AND Non-Interstate 608467 Boston Region Marlborough 3 NHPP 9.940.320 7.952.256 1.988.064 Construction Pavement RELATED WORK ON ROUTE 20 Non-Interstate PEARODY- DANVERS- RESURFACING AND 608468 Boston Region Multiple NHPP 11,597,040 9,277,632 2,319,408 Pavement RELATED WORK ON ROUTE 1 Non-Interstate WESTON- WALTHAM- RESURFACING AND 608528 Boston Region 4 NHPF 12 026 560 9 621 248 2 405 312 Construction Multiple RELATED WORK ON ROUTE 20 Pavement DEDHAM- RECONSTRUCTION & RELATED Non-Interstate 608587 Boston Region WORK OF BRIDGE STREET (ROUTE 109) AND NHPF 5,424,717 4,339,774 1,084,943 Dedham AMES STREET Non-Interstate Pavement subtotal ▶ \$ 31,190,910 \$ 7,797,727 ◀ 80% Federal + 20% Non-Federal 38.988.637 \$ ► Roadway Improvements WINCHESTER- STORMWATER Roadway 608214 Boston Region Winchester 4 STP 232,960 186,368 46,592 Construction IMPROVEMENTS ALONG ROUTE 3 Improveme CANTON- SHARON- FOXBOROUGH-NORWOOD-WALPOLE- STORMWATER Roadway 608599 Boston Region Multiple 5 STP 526 235 420,988 105 247 Construction Improvements IMPROVEMENTS ALONG ROUTE 1, ROUTE 14 & INTERSTATE 95 Roadway Improvements subtotal ▶ \$ 759,195 \$ 607,356 \$ 151,839 ◀ 80% Federal + 20% Non-Federal ► Safety Improvements BRAINTREE- HIGHWAY LIGHTING Safety IMPROVEMENTS AT I-93/ROUTE 3 NHPP 1,401,701 | Construction / Total Project Cost \$9,697,229 / AC YR 1 of 2 608608 Boston Region Braintree 7.008.503 5.606.802 Improvements INTERCHANGE READING TO LYNNFIELD- GUIDE AND Safety 608205 Boston Region Multiple TRAFFIC SIGN REPLACEMENT ON A NHPP 4.513.288 4.061.959 451.329 Construction Improvements SECTION OF I-95 (SR 128) CHELSEA TO DANVERS- GUIDE AND Safety Multiple TRAFFIC SIGN REPLACEMENT ON A NHPP 6,475,576 608206 Boston Region 7.195.084 719.508 Improvements SECTION OF US ROUTE 1 Safety Improvements subtotal ▶ \$ 18,716,875 \$ 16,144,337 \$

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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)

	Project		FTA Activi					D	
FTA Program	Number	Transit Agency	Item	Project Description	Carryover (unobligated)	Federal Funds	State Funds	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		\$55,000
	5307 RTD0005471	Cape Ann Transportation Authority		114220 ACQUIRE - MISC SUPPORT EQUIPMENT	2018 - \$30,055	\$30,055	\$7,514		\$37,569
	5307 RTD0005466	Cape Ann Transportation Authority	117A00	PREVENTIVE MAINTENANCE TERMINAL, INTERMODAL (TRANSIT): Facil.	2017 - \$92,000; 2018 - \$450,000	\$542,000	\$0		\$677,500
	5307 RTD0005993	MetroWest Regional Transit Authority		113303 Improvements	2018 - \$150,000	\$150,000	\$37,500		\$187,500
	5307 RTD0005994	MetroWest Regional Transit Authority	117C00	NON FIXED ROUTE ADA PARA SERV ACQUISITION OF BUS SUPPORT	2018 - \$1,300,000	\$1,300,000	\$325,000		\$1,625,000
	5307 RTD0005995	MetroWest Regional Transit Authority		114200 EQUIP/FACILITIES	2018 - \$248,415	\$248,415	\$62,104		\$310,519
	5307 RTD0005996	MetroWest Regional Transit Authority		440000 Mobility Management	2018 - \$25,000	\$25,000	\$6,250	\$0 \$0	\$31,250
		Massachusetts Bay Transportation							
	5307 RTD0007332	Authority (MBTA)		126301 Signals/Systems Upgrade Program		\$69,200,000	\$0	\$0 \$17,300,000	\$86,500,000
	F207 PTD00062F6	Massachusetts Bay Transportation		424200 D Valida D		674 524 552	<b>ć</b> 0	¢0	602.454.04
	5307 RTD0006356	Authority (MBTA)		121200 Revenue Vehicle Program	Subtotal	\$74,521,552	\$0		\$93,151,940
					Subtotal	\$146,061,022	\$449,368	\$0 \$36,065,888	\$182,576,278
5309									
		Massachusetts Bay Transportation							
	5309 RTD0005979	Authority (MBTA)		132303 Green Line Extension Project	China	\$150,000,000		\$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	\$(
5337									
0001		Massachusetts Bay Transportation							
	5337 RTD0006358	Authority (MBTA)		123400 Stations and Facilities Program		\$65,823,318	\$0	\$0 \$16,455,829	\$82,279,14
	3337 1(100000330	Massachusetts Bay Transportation		125400 Stations and Facilities Frogram		\$05,025,510	Ç	ÇO Ç10,433,023	J02,273,14
	5337 RTD0007328	Authority (MBTA)		126301 Signals/Systems Upgrade Program		\$61,600,000	\$0	\$0 \$15,400,000	\$77,000,000
	3337 11130007320	Massachusetts Bay Transportation		120301 Signals/Systems Opgrade Program		\$01,000,000	Ψū	ÇC	<i>\$77,000,00</i>
	5337 RTD0007337	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	\$179,279,14
5339									
		Massachusetts Bay Transportation							
	5339 RTD0006360	Authority (MBTA)		111400 Bus Program		\$6,953,713	\$0	\$0 \$0	\$6,953,713
		,			Subtotal	\$6,953,713	\$0		\$6,953,713
5320									
3320					Subtotal	\$0	\$0	\$0 \$0	\$0
Other Federal					Subtotal	\$0	\$0	\$0 \$0	\$(
Other Non-Federal						- 40		Vo	7,
Other Non-Federal	RTD0006089	Cape Ann Transportation Authority		111209 BUY REPLACEMENT TROLLEY BUS		\$0	\$900,000	\$0 \$0	\$900,000
Other Non-rederal	K1DUUU0U89	cape Ann Transportation Authority		TTTZUS DOT KENTACEMENT IKOTTET BOZ	Subtotal	\$0	\$900,000		\$900,000
					Total				
					TOLAI	\$446,438,053	\$1,349,368	\$0 \$221,921,846	\$669,709,26

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

Indicates a change in project cost

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

Indicates a new funding category

Amendment /	STIP	MassDOT	Metropolitan	Municipality	MassDOT	MassDOT	Funding	Tot	al	Fed	eral	No	n-Federal	
Adjustment Type ▼	Program ▼	Project ID ▼	Planning	Name ▼	Project	District ▼	Source ▼	Pro	grammed	Fun	ds ▼	Fur	nds ▼	Additional Information ▼ Present
			Organization ▼		Description <b>▼</b>			Fur	nds ▼					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
														information
► Section 1A / Region		Projects												
► Regionally Prioritiz			1	1			1					,		_
	Planning / Adjustments /	1570	Boston Region	Multiple	GREEN LINE EXTENSION PROJECT- EXTENSION TO COLLEGE AVENUE WITH THE	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
-	Pass-throughs		_		UNION SQUARE SPUR									FTA; match provided by local contributions
	Roadway				ASHLAND- RECONSTRUCTION ON ROUTE									Construction: STP+CMAQ+TAP Total Cost = \$14.636.338:
	reconstruction program	604123	Boston Region	Ashland	126 (POND STREET), FROM THE FRAMINGHAM T.L. TO THE HOLLISTON T.L.	3	CMAQ	\$	1,000,000	\$	800,000	\$	200,000	MPO Evaluation Score = 54
	Roadway				ASHLAND- RECONSTRUCTION ON ROUTE									
	reconstruction	604123	Boston Region	Ashland	126 (POND STREET), FROM THE	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
	program		_		FRAMINGHAM T.L. TO THE HOLLISTON T.L.									WPO Evaluation Score = 54, TAP project proponent = Ashland
	Roadway				ASHLAND- RECONSTRUCTION ON ROUTE	_				_				Construction; STP+CMAQ+TAP Total Cost = \$14,636,338;
	reconstruction program	604123	Boston Region	Ashland	126 (POND STREET), FROM THE FRAMINGHAM T.L. TO THE HOLLISTON T.L.	3	STP	\$	11,529,857	\$	9,223,886	\$	2,305,971	MPO Evaluation Score = 54
	Roadway				LYNN- RECONSTRUCTION ON ROUTE 129									
	reconstruction	602077	Boston Region	Lynn	(LYNNFIELD STREET), FROM GREAT WOODS	4	CMAQ	\$	1,000,000	\$	800,000	\$	200,000	Construction; CMAQ+STP Total Cost = \$4,755,714; MPO Evaluation Score = 38
	program				ROAD TO WYOMA SQUARE									Evaluation Score = 36
	Roadway	602077	Boston Region	Lima	LYNN- RECONSTRUCTION ON ROUTE 129 (LYNNFIELD STREET), FROM GREAT WOODS	4	STP	\$	3,755,714	•	3,004,571	\$	751.143	Construction; CMAQ+STP Total Cost = \$4,755,714; MPO
	reconstruction program	602077	Boston Region	Lynn	ROAD TO WYOMA SQUARE	4	317	Þ	3,755,714	Ф	3,004,571	ф	751,143	Evaluation Score = 38
	, ,				WALPOLE- RECONSTRUCTION ON ROUTE 1A									
	Roadway reconstruction	602261	Boston Region	Walpole	(MAIN STREET), FROM THE NORWOOD T.L.	5	CMAQ	s	1.000.000	\$	800,000	\$	200.000	Construction; STP+CMAQ+TAP Total Cost = \$17,390,216;
	program	002201	Booton region	TT dipolo	TO ROUTE 27, INCLUDES W-03-024 OVER THE NEPONSET RIVER		0.00	*	1,000,000	ļ .	000,000	*	200,000	MPO Evaluation Score = 51
-					WALPOLE- RECONSTRUCTION ON ROUTE 1A									
	Roadway	000004	Destes Desire	10/-11-	(MAIN STREET), FROM THE NORWOOD T.L.	5	TAP	\$	4 050 407	\$	4 400 750		074 007	Construction; STP+CMAQ+TAP Total Cost = \$17,390,216;
	reconstruction program	602261	Boston Region	Walpole	TO ROUTE 27, INCLUDES W-03-024 OVER	5	TAP	\$	1,858,437	ъ	1,486,750	\$	371,687	MPO Evaluation Score = 51; TAP project proponent = Walpole
	F9				THE NEPONSET RIVER			-						
	Roadway				WALPOLE- RECONSTRUCTION ON ROUTE 1A (MAIN STREET), FROM THE NORWOOD T.L.									Construction: STP+CMAQ+TAP Total Cost = \$17,390,216:
	reconstruction	602261	Boston Region	Walpole	TO ROUTE 27, INCLUDES W-03-024 OVER	5	STP	\$	14,531,779	\$	11,625,423	\$	2,906,356	MPO Evaluation Score = 51
	program				THE NEPONSET RIVER									
	Roadway				BOSTON- IMPROVEMENTS ON BOYLSTON									
	reconstruction	606453	Boston Region	Boston	STREET, FROM INTERSECTION OF BROOKLINE AVENUE & PARK DRIVE TO	6	CMAQ	\$	1,000,000	\$	800,000	\$	200,000	Construction; CMAQ+TAP+STP Total Cost = \$8,214,319; MPO Evaluation Score = 58
	program				IPSWICH STREET									Evaluation occirc = oc
-	D +				BOSTON- IMPROVEMENTS ON BOYLSTON									
	Roadway reconstruction	606453	Boston Region	Boston	STREET, FROM INTERSECTION OF	6	TAP	s	812,432	\$	649,946	\$	162,486	Construction; CMAQ+TAP+STP Total Cost = \$8,214,319; MPO
	program				BROOKLINE AVENUE & PARK DRIVE TO IPSWICH STREET	_		Ť	,	*	,	Ť	,	Evaluation Score = 58; TAP project proponent = Boston
					BOSTON- IMPROVEMENTS ON BOYLSTON			-				-		
	Roadway	606450	Deates Degies	Dootoo	STREET, FROM INTERSECTION OF	6	CTD	\$	6 404 807		E 404 E40		1 200 277	Construction; CMAQ+TAP+STP Total Cost = \$8,214,319; MPO
	reconstruction program	606453	Boston Region	Boston	BROOKLINE AVENUE & PARK DRIVE TO	ь	STP	3	6,401,887	\$	5,121,510	\$	1,280,377	Evaluation Score = 58
					IPSWICH STREET		1							

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endment /	STIP	MassDOT	Metropolitan	Municipality	MassDOT	MassDOT	Funding	Tota	al	Fed	eral	Non-F	ederal			
ustment Type ▼	Program ▼	Project ID ▼		Name ▼	Project Description ▼	District ▼		Pro	grammed nds ▼		ds <b>▼</b>	Funds		infor Cons advar receir matc	struction; b) total pro ince construction stativing a transfer; f) na	ation ▼ .if applicable: a) Planning / oject cost and funding sources atus: d) MPO project score; e) ame of entity paying the non-s is; h) TAP project proponent; 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	Con		TP Total Cost = \$152,000,0 nding in this TIP = \$76,626,
	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	Ş		MAQ+HSIP+TAP+STP Tot Yr 2 of 2; MPO Evaluation
	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	,		MAQ+HSIP+TAP+STP Tot Yr 2 of 2; MPO Evaluation
					Regionally Price	ritized Proje	ects subtotal <b>&gt;</b>	\$	98,013,787	\$	78,642,994	\$ 1	9,370,793	<b>⋖</b> 8	30% Federal + 2	20% Non-Federal
ction 1A / Fisc	al Constraint Ana	lysis														
					Total Regional Federal A				98,013,787		98,029,447					Target Funds Availab
	Section 1A instru	ctions: MPO Tem	uplate Name) Choose F	Regional Name from	n dropdown list to populate header and MPO column:	STP p	orogrammed >	\$	51,616,793	\$	80,061,875	◀ Ma	x SIP	\$	28,445,082	STP available
	Column C) Enter I Source being used	D from ProjectInfo for the project - if	; Column E) Choose M multiple funding source	funicipality Name fr es are being used e	n dropdown list to populate header and MPO column; rom dropdown list; Column H) Choose the Funding inter multiple lines; Column I) Enter the total amount of		orogrammed ► orogrammed ►		2,319,644	\$	4,296,710			\$		STP available  HSIP recommended no
	Column C) Enter I Source being used funds being progra	D from ProjectInfo for the project - if ammed in this fisca	; Column E) Choose M multiple funding source il year and for each fun	funicipality Name from the sare being used ending source; Colum	om dropdown list; Column H) Choose the Funding	HSIP p	Ü	\$		\$		<b>⋖</b> Mir	. HSIP	Ť	1,977,066	
	Column C) Enter I Source being used funds being progra amount and only c	D from ProjectInfo I for the project - if ammed in this fisca hange if needed fo te with Rail & Tran	ry, Column E) Choose M multiple funding source all year and for each fun or flex. Column K) Non-	funicipality Name fr es are being used e ding source; Colun -federal funds auto	om dropdown list; Column H) Choose the Funding enter multiple lines; Column I) Enter the total amount of nn J) Federal funds autocalculates. Please verify the	HSIP p	orogrammed ▶	\$	2,319,644	\$	4,296,710	✓ Mir ✓ Mir	. HSIP	\$	1,977,066	HSIP recommended no
	Column C) Enter I Source being used funds being progra amount and only c FTA flex, coordinated	D from ProjectInfo I for the project - if ammed in this fisca hange if needed fo te with Rail & Tran	ry, Column E) Choose M multiple funding source all year and for each fun or flex. Column K) Non-	funicipality Name fr es are being used e ding source; Colun -federal funds auto	om dropdown list; Column II) Choose the Funding inter multiple lines; Column I) Enter the total amount of an J) Federal funds autocalculates. Please verify the calculates. Please verify the split/match - if matching an L) Enter Additional Information as described - please do	HSIP p CMAQ p TAP p	orogrammed ▶ orogrammed ▶ orogrammed ▶	\$ \$	2,319,644 39,300,000 4,777,350	\$	4,296,710 10,741,776	✓ Mir ✓ Mir	. HSIP	\$	1,977,066	HSIP recommended no
action 1B / Earn	Column C) Enter I Source being used funds being progra amount and only c FTA flex, coordinal not use any other f	ID from ProjectInfo I for the project - if ammed in this fisca thange if needed fo te with Rail & Tran format.	Column E) Choose M multiple funding source all year and for each fun or flex. Column K) Non- sit Division before prog	funicipality Name fr es are being used e ding source; Colun -federal funds auto	om dropdown list; Column H) Choose the Funding inter multiple lines; Column I) Enter the total amount of nn J) Federal funds autocalculates. Please verify the calculates. Please verify the split/match - if matching an	HSIP p CMAQ p TAP p	orogrammed ▶ orogrammed ▶ orogrammed ▶	\$ \$	2,319,644	\$	4,296,710 10,741,776	✓ Mir ✓ Mir	. HSIP	\$	1,977,066	HSIP recommended no
ection 1B / Earn	Column C) Enter I Source being used funds being progra amount and only c FTA flex, coordinated	ID from ProjectInfo I for the project - if ammed in this fisca thange if needed fo te with Rail & Tran format.	Column E) Choose M multiple funding source all year and for each fun or flex. Column K) Non- sit Division before prog	funicipality Name fr es are being used e ding source; Colun -federal funds auto	om dropdown list; Column II) Choose the Funding inter multiple lines; Column I) Enter the total amount of an J) Federal funds autocalculates. Please verify the calculates. Please verify the split/match - if matching an L) Enter Additional Information as described - please do	HSIP p CMAQ p TAP p	orogrammed ▶ orogrammed ▶ orogrammed ▶	\$ \$	2,319,644 39,300,000 4,777,350	\$	4,296,710 10,741,776	✓ Mir ✓ Mir	. HSIP	\$	1,977,066	HSIP recommended no
	Column C) Enter I Source being used funds being progra amount and only c FTA flex, coordinat not use any other f	ID from ProjectInfo I for the project - if ammed in this fisca thange if needed fo te with Rail & Tran format.	Column E) Choose M multiple funding source all year and for each fun or flex. Column K) Non- sit Division before prog	funicipality Name fr es are being used e ding source; Colun -federal funds auto	om dropdown list; Column II) Choose the Funding inter multiple lines; Column I) Enter the total amount of an J) Federal funds autocalculates. Please verify the calculates. Please verify the split/match - if matching an L) Enter Additional Information as described - please do	HSIP p CMAQ p TAP p	orogrammed ▶ orogrammed ▶ orogrammed ▶	\$ \$	2,319,644 39,300,000 4,777,350	\$	4,296,710 10,741,776	✓ Mir ✓ Mir	. HSIP	\$	1,977,066	HSIP recommended no
	Column C) Enter I Source being used funds being progra amount and only c FTA flex, coordinat not use any other f	ID from ProjectInfo I for the project - if ammed in this fisca thange if needed fo te with Rail & Tran format.	Column E) Choose M multiple funding source all year and for each fun or flex. Column K) Non- sit Division before prog	funicipality Name fr es are being used e ding source; Colun -federal funds auto	om dropdown list; Column II) Choose the Funding inter multiple lines; Column I) Enter the total amount of an J) Federal funds autocalculates. Please verify the calculates. Please verify the split/match - if matching an L) Enter Additional Information as described - please do	HSIP p CMAQ p TAP p	orogrammed ▶ orogrammed ▶ orogrammed ▶	\$ \$	2,319,644 39,300,000 4,777,350	\$	4,296,710 10,741,776	✓ Mir ✓ Mir	. HSIP	\$	1,977,066	HSIP recommended no
	Column C) Enter I Source being used funds being progra amount and only c FTA flex, coordinat not use any other f	D from ProjectInfor if for the project - if if the project - if it mmed in this fisca shange if needed for the with Rail & Tranformat.	Column E) Choose M multiple funding source if year and for each fun or flex. Column K) Non sit Division before programmed and ded Projects	funicipality Name fr ss are being used e ding source; Colun -federal funds auto ramming; Column	om dropdown list; Column H) Choose the Funding miter multiple lines; Column I) Enter the total amount of nn J) Federal funds autocalculates. Please verify the calculates. Please verify the split/match - if matching an L) Enter Additional Information as described - please do Remaining HSIF  Description  Description	HSIP p CMAQ p TAP p , CMAQ, an	orogrammed > orogr	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	2,319,644 39,300,000 4,777,350 15,660	\$	4,296,710 10,741,776	<ul><li>✓ Mir</li><li>✓ Mir</li></ul>	n. HSIP	\$	1,977,066	HSIP recommended no
	Column C) Enter I Source being used funds being progra amount and only or FTA flex, coordinat not use any other f  mark or Discretion  Earmark Discretionary  Earmark	ID from ProjectInfo f for the project - if for the project - if for the project - if and the form of t	(; Column E) Choose M multiple funding source of year and for each fun or flex. Column K) Non sit Division before prog	funicipality Name frees are being used et eding source; Colun-federal funds autoramming; Column	om dropdown list; Column H) Choose the Funding miter multiple lines; Column I) Enter the total amount of nn J) Federal funds autocalculates. Please verify the calculates. Please verify the split/match - if matching an L) Enter Additional Information as described - please do Remaining HSIF  Description  Description	HSIP p CMAQ p TAP p , CMAQ, an	orogrammed borogrammed borogrammed borogrammed borogrammed burned	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	2,319,644 39,300,000 4,777,350 15,660	\$ \$	4,296,710 10,741,776 2,929,085	<ul><li>✓ Mir</li><li>✓ Mir</li><li>✓ Mir</li></ul>	I. HSIP II. CMAQ II. TAP	\$ \$	1,977,066 (28,558,224) (1,848,265)	HSIP recommended no
ther Federal Aic	Column C) Enter I Source being used funds being progra amount and only or FTA flex, coordinat not use any other f  mark or Discretion  Earmark Discretionary  Earmark	ID from ProjectInfo f for the project - if for the project for the with Rail & Tranformat.  Project #  Project #	(; Column E) Choose M multiple funding source of the column source of th	funicipality Name frees are being used et eding source; Colun-federal funds autoramming; Column	om dropdown list; Column H) Choose the Funding miter multiple lines; Column I) Enter the total amount of nn J) Federal funds autocalculates. Please verify the calculates. Please verify the split/match - if matching an L) Enter Additional Information as described - please do Remaining HSIF  Description  Description	HSIP p CMAQ p TAP p , CMAQ, an	orogrammed > orogr	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	2,319,644 39,300,000 4,777,350 15,660	\$ \$	4,296,710 10,741,776 2,929,085	■ Mir ■ Mir ■ Mir	I. HSIP II. CMAQ II. TAP	\$ \$	1,977,066 (28,558,224) (1,848,265)	HSIP recommended no CMAQ recommended r TAP amount exceeded
Other Federal Aid	Column C) Enter I Source being used funds being progra amount and only c FTA flex, coordinat not use any other f  mark or Discretion  Earmark Discretionary  Earmark Discretionary  Prioritized Relia	ID from ProjectInfo f for the project - if for the project for the with Rail & Tranformat.  Project #  Project #	(; Column E) Choose M multiple funding source of the column source of th	funicipality Name frees are being used et eding source; Colun-federal funds autoramming; Column	om dropdown list; Column H) Choose the Funding miter multiple lines; Column I) Enter the total amount of nn J) Federal funds autocalculates. Please verify the calculates. Please verify the split/match - if matching an L) Enter Additional Information as described - please do Remaining HSIF  Description  Description	HSIP p CMAQ p TAP p , CMAQ, an	orogrammed > orogr	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	2,319,644 39,300,000 4,777,350 15,660	\$ \$	4,296,710 10,741,776 2,929,085	■ Mir ■ Mir ■ Mir	I. HSIP II. CMAQ II. TAP	\$ \$	1,977,066 (28,558,224) (1,848,265)	HSIP recommended no CMAQ recommended r TAP amount exceeded
Other Federal Aid	Column C) Enter I Source being used funds being progra amount and only c FTA flex, coordinat not use any other f  mark or Discretion  Earmark Discretionary  Earmark Discretionary  Prioritized Relia	ID from ProjectInfo f for the project - if for the project for the with Rail & Tranformat.  Project #  Project #	(; Column E) Choose M multiple funding source of the column source of th	funicipality Name frees are being used et eding source; Colun-federal funds autoramming; Column	om dropdown list; Column H) Choose the Funding miter multiple lines; Column I) Enter the total amount of nn J) Federal funds autocalculates. Please verify the calculates. Please verify the split/match - if matching an L) Enter Additional Information as described - please do Remaining HSIF  Description  Description	HSIP p CMAQ p TAP p , CMAQ, an	orogrammed > orogr	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	2,319,644 39,300,000 4,777,350 15,660	\$ \$	4,296,710 10,741,776 2,929,085	■ Mir ■ Mir ■ Mir	I. HSIP II. CMAQ II. TAP	\$ \$	1,977,066 (28,558,224) (1,848,265)	HSIP recommended no CMAQ recommended r TAP amount exceeded
Other Federal Aid	Column C) Enter I Source being used funds being progra amount and only c FTA flex, coordinat not use any other funds any other funds and the coordinate of t	ID from ProjectInfo f for the project - if for the project - if for the project - if the with Rail & Transformat.  Project #  Project #  billity Projects	(Column E) Choose M multiple funding source I year and for each fun or flex. Column K) Non sit Division before prog	funicipality Name frees are being used to did not source; Colum - Federal funds autoramming; Column  Municipalities  Municipalities	om dropdown list; Column II) Choose the Funding inter multiple lines; Column I) Enter the total amount of nn J) Federal funds autocalculates. Please verify the calculates. Please verify the split/match - if matching an L) Enter Additional Information as described - please do Remaining HSIP  Description  Description  Ott	HSIP p  CMAQ p  TAP p  TAP p  Obstrict  District  District  Multiple	orogrammed  orogrammed  orogrammed  orogrammed  had TAP Funds  HPP HPP Aid subtotal  NHPP	\$ \$ \$	2,319,644 39,300,000 4,777,350 15,660	\$ \$ \$	4,296,710 10,741,776 2,929,085	■ Mir ■ Mir  s s s	I. HSIP II. CMAQ II. TAP	\$ \$ \$ \$	1,977,066 (28,558,224) (1,848,265)	HSIP recommended no CMAQ recommended r TAP amount exceeded
ther Federal Aid ection 2A / State	Column C) Enter I Source being used funds being progra amount and only or FTA flex, coordinat not use any other funds ark or Discretion  Earmark Discretionary  Earmark Discretionary  Prioritized Relia Inspections  Bridge Program	ID from ProjectInfo f for the project - if for the project - if for the project - if the with Rail & Transformat.  Project #  Project #  billity Projects	(Column E) Choose M multiple funding source I year and for each fun or flex. Column K) Non sit Division before prog	funicipality Name frees are being used to did not source; Colum - Federal funds autoramming; Column  Municipalities  Municipalities	om dropdown list; Column II) Choose the Funding inter multiple lines; Column I) Enter the total amount of an J) Federal funds autocalculates. Please verify the calculates. Please verify the split/match - if matching an L) Enter Additional Information as described - please do Remaining HSIF  Description  Description  Ott	HSIP p  CMAQ p  TAP p  TAP p  Obstrict  District  District  Multiple	orogrammed  orogrammed  orogrammed  orogrammed  had TAP Funds  HPP HPP Aid subtotal  NHPP	\$ \$ \$	2,319,644 39,300,000 4,777,350 15,660	\$ \$ \$ \$	4,296,710 10,741,776 2,929,085	■ Mir ■ Mir ■ Mir	I. HSIP II. CMAQ II. TAP	\$ \$ \$ \$	1,977,066 (28,558,224) (1,848,265)	HSIP recommended no CMAQ recommended r TAP amount exceeded
Other Federal Aid	Column C) Enter I Source being used funds being progra amount and only or FTA flex, coordinat not use any other funds ark or Discretion  Earmark Discretionary  Earmark Discretionary  Prioritized Relia Inspections  Bridge Program	ID from ProjectInfo f for the project - if for the project - if for the project - if the with Rail & Transformat.  Project # Project #  Project #  Project #	(Column E) Choose M multiple funding source I year and for each fun or flex. Column K) Non sit Division before prog	funicipality Name frees are being used to did not source; Colum - Federal funds autoramming; Column  Municipalities  Municipalities	om dropdown list; Column II) Choose the Funding inter multiple lines; Column I) Enter the total amount of an J) Federal funds autocalculates. Please verify the calculates. Please verify the split/match - if matching an L) Enter Additional Information as described - please do Remaining HSIF  Description  Description  Ott	HSIP p CMAQ p TAP p TAP p , CMAQ, an District District District Multiple m / Inspection	orogrammed  orogrammed  orogrammed  orogrammed  had TAP Funds  HPP HPP Aid subtotal  NHPP	\$ \$ \$	2,319,644 39,300,000 4,777,350 15,660	\$ \$ \$ \$	4,296,710 10,741,776 2,929,085	■ Miri	I. HSIP II. CMAQ II. TAP	\$ \$ \$ \$	1,977,066 (28,558,224) (1,848,265)	HSIP recommended no CMAQ recommended r TAP amount exceeded

#### **Boston Region Transportation Improvement Program** 2020 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 STIP MassDOT Metropolitan Municipality MassDOT MassDOT Funding Total ederal Non-Federal Adjustment Type ▼ Program ▼ Project ID ▼ Planning Name ▼ Project District ▼ Source ▼ Programmed Funds ▼ Funds ▼ Additional Information ▼ Present Organization **V** Description **▼** Funds ▼ 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 ▶ Bridge Program / On-System (NHS) STOW- BRIDGE REPLACEMENT, S-29-001, (ST NHPP-On Bridge Program 605342 Boston Region Stow 62) GLEASONDALE ROAD OVER THE 3 6.706.560 5.365.248 1,341,312 Construction ASSABET RIVER BOSTON- BRIDGE PRESERVATION, B-16-179, AMENDMENT:Move Bridge Program 608614 Boston Region **Boston** ALISTIN STREET OVER I-93 RAMPS MRTA 6 NHPP-On 20 606 400 16 485 120 \$ 4.121.280 Construction; Project being moved to 2022 Project (TO 2022) COMMUTER RAIL AND ORANGE LINE CHELSEA- ROUTE 1 VIADUCT AC Year 3 of 4, Total Cost increased from \$110,000,000 to AMENDMENT:Increase Bridge Program 605287 Boston Region Chelsea REHABILITATION (SB/NB) ON C-09-007 & C-09-6 NHPP-On 40.952.933 32,762,346 8.190.587 Cost LYNN- SAUGUS- BRIDGE REPLACEMENT, L-AC Year 2 of 5, Total Cost \$51,527,391 increased to AMENDMENT:New 18-016=S-05-008 ROUTE 107 OVER THE NHPP-On Bridge Program 604952 Boston Region Multiple 14,350,000 11,480,000 2,870,000 \$74,471,140. Project funded in FFYs 2019 through 2023. Project SAUGUS RIVER (AKA - BELDEN G. BLY BOSTON- BRIDGE REPLACEMENT, B-16-016, NORTH WASHINGTON STREET OVER THE AMENDMENT:Increase AC Year 4 of 6, Total Project Cost increased from \$176,318,433 Bridge Program 6 NHPP-On 24.184.931 19.347.945 4 836 986 604173 Boston Region Boston BOSTON INNER HARBOR 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 BOXBOROUGH-BRIDGE REPLACEMENT, B-1,829,500 AC Year 1 of 2, Total Cost \$14,295,000 Boston Region NHPP-Off 9,147,500 7,318,000 18-002, ROUTE 111 OVER I-495 Project Bridge Program / On-System (Non-NHS) subtotal ▶ ■ 80% Federal + 20% Non-Federal ▶ Bridge Program / Systematic Maintenance AMENDMENT: Remove STONEHAM - DECK REPLACEMENT, S-27-008 Bridge Program 608865 NHPP-On 2,112,000 528,000 Boston Region Stoneham 2.640.000 MARBLE STREET OVER I-93 Project NEWTON- WESTWOOD- STEEL AMENDMENT:Move roject moved out of FFYs 2018-22 TIP and into to 2023 of the SUPERSTRUCTURE CLEANING (FULL Bridge Program 608609 Boston Region Multiple 6 NHPP-On 1.714.285 REMOVAL) AND PAINTING OF 2 BRIDGES: N-FYs 2019-23 TIP Project (TO 2023) 12-056 & W-31-006 ESSEX- SUPERSTRUCTURE REPLACEMENT, Funding being moved to 2021; Previously AC year 1 of 2; AMENDMENT:Move Bridge Program 608596 **Boston Region** Essex E-11-001 (2TV), ROUTE 133\MAIN STREET NHPP-Off 2 400 000 roject now funded completely in 2021; Total cost increase of Project (TO 2021) \$2,111,360 OVER ESSEX RIVER Bridge Program / Systematic Maintenance subtotal ▶ \$ ■ Funding Split Varies by Funding Source ► Interstate Pavement QUINCY- MILTON- BOSTON- INTERSTATE nterstate 608208 Boston Region Multiple 24,264,576 21,838,118 \$ 2,426,458 | Construction / Includes \$540,000 of stormwater improvements MAINTENANCE & RELATED WORK ON I-93 Insterstate Pavement subtotal ▶ \$ 24,264,576 \$ 21,838,118 \$ 2.426.458 ◀ 90% Federal + 10% Non-Federal

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 fur Amendment /	STIP	MassDOT	Metropolitan	Municipality	MassDOT	MassDOT	Funding	Tot	al	Federal	Non-Federal	
Adjustment Type ▼	Program ▼	Project ID ▼		Name ▼	Project Description ▼	District ▼	_	Pro	ogrammed nds ▼	Funds ▼	Funds ▼	Additional Information ▼ <u>Prese Information as follows, if applicable:</u> a) Planning / Design / or Construction; b) total project cost and funding sources used; c) advance construction status; d) MPO project score; e) name of entit receiving a transfer; f) name of entity paying the non-state non-federmatch; g) earmark details; h) TAP project proponent; i) other information
► Non-Interstate Pav	ement			1								-
	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	\$	, - ,	\$ 6,208,877		Construction
					Non-Inter	state Pavem	ent subtotal ▶	\$	31,168,001	\$ 24,934,401	\$ 6,233,600	■ 80% Federal + 20% Non-Federal
► Roadway Improve	1											
	Roadway Improvements	Project #	MPO	N/A	Description	District	STP	\$	-	\$ -	\$ -	
					Roadway	/ Improveme	nts subtotal <b>&gt;</b>	\$	-	\$ -	\$ -	■ 80% Federal + 20% Non-Federal
► Safety Improveme	nts		T	1	1						1	1
	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 1/1-93 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 1/1-93 INTERCHANGE	6	HSIP	\$	6,306,164	\$ 5,675,548	\$ 630,616	Construction / Total Project Cost \$9,434,070 (NHPP + HSIP)
				ı	Safety	/ Improveme	nts subtotal ▶	\$	12,122,796	\$ 10,641,644	\$ 1,481,152	■ Funding Split Varies by Funding Source
► Section 2B / State	Prioritized Mode	rnization Proje	ects									
► ADA Retrofits												
	ADA Retrofits	Project #	MPO	Municipalities	Description	District	STP	\$	-	\$ -	\$ -	
						ADA Retro	fits subtotal <b>&gt;</b>	\$	-	\$ -	-	■ 80% Federal + 20% Non-Federal
► Intersection Improv	vements											
	Intersection Improvements	608562	Boston Region	Somerville	SOMERVILLE- SIGNAL AND INTERSECTION IMPROVEMENT ON 1-93 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	1 Improveme	nts subtotal <b>&gt;</b>	\$	5,376,000	\$ 4,838,400	\$ 537,600	■ Funding Split Varies by Funding Source
► Intelligent Transpo					T							
	Intelligent Transportation Systems	Project #	MPO	Municipalities	Description	District	NHPP	\$	-	\$ -	\$ -	
	•		•		Intelligent Transp	ortation Syst	em subtotal >	\$	-	\$ -	\$ -	■ 80% Federal + 20% Non-Federal

#### **Boston Region Transportation Improvement Program** 2020 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 STIP MassDOT Metropolitan Municipality MassDOT MassDOT Funding Total ederal Non-Federal Adjustment Type ▼ Program ▼ Project ID ▼ Planning Name ▼ Project District ▼ Source ▼ Programmed Funds ▼ Funds ▼ Additional Information ▼ Present Organization **V Description ▼** Funds ▼ 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 ► Roadway Reconstruction MEDEORD- IMPROVEMENTS AT BROOKS Roadway 240,000 Construction / TAP project proponent is Medford 608835 Boston Region Medford 4 TAP \$ 1,200,000 \$ 960,000 Reconstruction ELEMENTARY SCHOOL (SRTS) SALEM- IMPROVEMENTS AT BATES Roadway 608743 Salem 4 TAP 937.500 750.000 187.500 Construction / TAP project proponent is Salem Boston Region Reconstruction ELEMENTARY SCHOOL (SRTS) Roadway STOUGHTON - IMPROVEMENTS AT WEST 608829 Stoughton 5 TAP 2.226.600 1.781.280 445.320 Construction / TAP project proponent is Stoughton Boston Region Reconstruction ELEMENTARY SCHOOL (SRTS) WINCHESTER- IMPROVEMENTS AT VINSON-Roadway 608791 4 TAP 1,666,200 1.332.960 333.240 Construction / TAP project proponent is Winchester Boston Region Winchester OWEN ELEMENTARY SCHOOL (SRTS) Reconstruction HOPKINTON- WESTBOROUGH-Construction / Total Project Cost = \$270,000,000 / AC YR 1 of 6 Roadway 607977 Boston Region Multiple RECONSTRUCTION OF I-90/I-495 3 NFP 1.000.000 \$ 800,000 200,000 PSAC score 49 INTERCHANGE 5,624,240 \$ Roadway Reconstruction subtotal ▶ \$ 7,030,300 \$ 1,406,060 ◀ 80% Federal + 20% Non-Federal ► Section 2C / State Prioritized Expansion Projects ▶ Bicycles and Pedestrians Bicycles and N/A MPO Description District CMAQ - \$ Project # - \$ ■ 80% Federal + 20% Non-Federal Bicycles and Pedestrians subtotal ▶ \$ - \$ - \$ ▶ Capacity Project # Municipalities District NHPP - \$ Capacity Description - \$ - \$ - \$ Capacity subtotal ► \$ ■ Funding Split Varies by Funding Source ► Section 3 / Planning / Adjustments / Pass-throughs ▶ Planning / Adjustments / Pass-throughs Planning / Statewide Multiple Multiple NHPP - \$ - \$ Adjustments / Project # Description Pass-throughs ■ Funding Split Varies by Funding Source Other Statewide Items subtotal ▶ \$ - \$ ► Section 4 / Non-Federally Aided Projects ► Non-Federally Aided Projects HOPKINTON- WESTBOROUGH-Construction / Total Project Cost = \$270,000,000 / AC YR 1 of 6 Non Federal Aid 607977 Boston Region Multiple RECONSTRUCTION OF I-90/I-495 3 NFA 18,112,483 \$ 18,112,483 PSAC score 49 INTERCHANGE \$ 18,112,483 **◄**100% Non-Federal Non-Federal Aid subtotal► \$ 18,112,483 TIP Section 1 - TIP Section 4: Total of All 2020 Summary Projects ▼ 3: ▼ 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/High

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

FTA Program	Project Number	Transit Agency	FTA Activity Item	/ Line Project Description	Carryover (unobligated)	Federal Funds		D Local Funds	Total Cost
5307		3 ,							
	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 ACQUISITION OF BUS SUPPORT	2019 - \$11,296	\$11,296	\$2,824	\$0 \$0	\$14,120
	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  Massachusetts Bay Transportation Authority		113303 TERMINAL, INTERMODAL (TRANSIT)	2019 - \$150,000	\$150,000	\$37,500	\$0 \$0	\$187,500
	5307 RTD0007325	(MBTA) Massachusetts Bay Transportation Authority		123402 Elevator and Escalator Program		\$32,000,000	\$0	\$0 \$8,000,000	\$40,000,000
	5307 RTD0006361	(MBTA)		121200 Revenue Vehicle Program		\$114,121,933	\$0	\$0 \$28,530,483	\$142,652,416
				, and the second second	Subtotal	\$148,246,644	\$443,678		\$185,308,305
5309									
	F200 PTD000F007	Massachusetts Bay Transportation Authority		422202 Correction Extractor Business		Ć450 000 000	ćo	ćo ć450 000 430	£200 000 420
	5309 RTD0005987	(MBTA)		132303 Green Line Extension Project	Subtotal	\$150,000,000 \$150,000,000	\$0 \$0		\$300,000,129 \$300,000,129
5310					Subtotal	\$0	\$0	\$0 \$0	\$0
5311					Jubiotal	<del>,</del> 00	30	30 30	30
					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)  Massachusetts Bay Transportation Authority		122405 Bridge & Tunnel Program		\$29,104,000	\$0	\$0 \$7,276,000	\$36,380,000
	5337 RTD0006366	(MBTA)		123400 Stations and Facilities Program		\$37,109,004	\$0	\$0 \$9,277,251	\$46,386,255
		(		· · · · · · · · · · · · · · · · · ·	Subtotal	\$145,893,004	\$0		\$182,366,255
5339									
		Massachusetts Bay Transportation Authority							
	5339 RTD0006368	(MBTA)		111400 Bus Program	Cultural	\$5,683,653	\$0		\$7,104,566
5320					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

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 ▼	· · · · · · · · · · · · · · · · · · ·		Metropolitan Planning Organization ▼	Municipality Name ▼	MassDOT Project Description ♥	MassDOT District ▼	Funding Source ▼		Federal Funds ▼	Non-Federal Funds ▼	Additional Information ▼  Present Information as follows, If applicable: a) Planning / Design / or Construction; b) total project cost and funding sources used; c) advance construction status; d) MPO project score; e) name of entity receiving a transfer; f) name of entity paying the non-state non-federal match; g) earmark details; h) TAP project proponent; i) other information
		Projects									
► Regionally Priorit	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	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

Indicates a change in project cost

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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 ▼			Federal Funds ▼		Additional Information ▼  Present information as follows, if applicable: a) Planning / Design / or Construction; b) total project cost and funding sources used; c) advance construction status; d) MPO project score; e) name of entity receiving a transfer; f) name of entity paying the non-state non-federal match; g) earmark details; h) TAP project proponent; i) other information
	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 Pri	oritized Proje	cts subtotal <b>&gt;</b>	▶ \$ 1	100,298,108	\$ 80,623,418	\$ 19,674,690	■ 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 Projectific; Column E) Choose Municipality Name from dropdown list; Column H) Choose the Funding Sources being used of the project - if multiple funding sources are being used of the rmultiple 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 J) Enter Additional Information as described - please do not use any other format.

Total Regional Federal Aid	Funds Programmed ▶	\$ 100,298,108	\$ 100,298,110	<b>◄</b> Total Budget	\$ 1	Target Funds Available
	STP programmed ▶	\$ 60,510,496	\$ 82,330,538	■ Max STP	\$ 21,820,042	STP available
ate header and MPO column:						
nn H) Choose the Funding Source	HSIP programmed ▶	\$ 3,849,316	\$ 4,296,710	■ Min. HSIP	\$ 447,394	HSIP recommended not met
ter the total amount of funds being						
lease verify the amount and only	CMAQ programmed ►	\$ 32,720,271	\$ 10,741,776	■ Min. CMAQ	\$ (21,978,495)	CMAQ recommended met
matching an FTA flex, coordinate						
please do not use any other format.	TAP programmed ▶	\$ 3,218,025	\$ 2,929,085	■ Min. TAP	\$ (288,940)	TAP amount exceeded!

Remaining HSIP, CMAQ, and TAP Funds \$

► Section 1B / Earmark or Discretionary Grant Funded Projects

ther Federal Ai	d												
	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
	•	•				ther Federal	Aid subtotal ▶	\$ 10 106 180	\$ 8	3.084.944	\$ 21	21 236	■ 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 / MassDOT MassDOT Funding MassDOT Metropolitan Municipality Federal Non-Federal Total Adjustment Type ▼ Project Program ▼ Project ID ▼ Planning Name ▼ District ▼ Source ▼ Programmed Funds ▼ Funds ▼ Additional Information ▼ Organization V **Description** ▼ Funds ▼ Present information as follows, if applicable: a) Planning / Design or Construction; b) total project cost and funding sources used; c) advance construction status; d) MPO project score; e) name of entity receiving a transfer; f) name of entity paying the non-state non-federal match; g) earmark details; h) TAP project proponent; i) other ► Section 2A / State Prioritized Reliability Projects ► Bridge Program / Inspections MPO NHPP \$ Bridge Program Project # Municipalities Description District Bridge Program / Inspections subtotal ▶ \$ - \$ \$ ■ Funding Split Varies by Funding Source ► Bridge Program / Off-System MAYNARD- BRIDGE REPLACMENT, M-10-006, AMENDMENT:Increas STP-BR-OFF Bridge Program 608637 Boston Region Maynard CARRYING FLORIDA ROAD OVER THE 1,646,400 1,317,120 Construction e Cost ASSABET RIVER Bridge Program / Off-System subtotal ▶ \$ 1,646,400 \$ 1,317,120 \$ 329.280 ◀ 80% Federal + 20% Non-Federal ▶ Bridge Program / On-System (NHS) WILMINGTON- BRIDGE REPLACEMENT, W-38 AMENDMENT:Move Bridge Program 607327 Boston Region Wilmington 002, ROUTE 38 (MAIN STREET) OVER THE NHPP-On 10 760 960 8 608 768 2 152 192 Project (TO 2022) **B&M RAILROAD** NATICK- BRIDGE REPLACEMENT, N-03-020, ROUTE 27 (NORTH MAIN STREET) OVER AMENDMENT: NHPP-On AC Year 1 of 2, Total Cost \$11,880,000 Bridge Program 605313 ROUTE 9 (WORCESTER STREET) AND 3.937.600 Remove Project INTERCHANGE IMPROVEMENTS LYNN- SAUGUS- BRIDGE REPLACEMENT, L-AC Year 3 of 5, Total Cost \$51,527,391 increased to AMENDMENT:New 18-016=S-05-008, ROUTE 107 OVER THE Bridge Program 604952 Boston Region Multiple NHPP-On 17,028,354 13,622,683 3,405,671 \$74,471,140. Project funded in FFYs 2019 through 2023. Project SAUGUS RIVER (AKA - BELDEN G. BLY BRIDGE) CHELSEA- ROUTE 1 VIADUCT AMENDMENT:Increas AC Year 3 of 4, Total Cost increased from \$110,000,000 to Bridge Program REHABILITATION (SB/NB) ON C-09-007 & C-09-NHPP-On 23.994.392 5 998 598 605287 Boston Region Chelsea 29.992.990 e Cost BOSTON- BRIDGE REPLACEMENT, B-16-016, AC Year 5 of 6, Total Project Cost increased from AMENDMENT:Increas NORTH WASHINGTON STREET OVER THE NHPP-On 19,347,945 Bridge Program 604173 Boston Region Boston 24.184.931 e Cost **BOSTON INNER HARBOR** 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) MIDDLETON- BRIDGE REPLACEMENT, M-20-AMENDMENT: NHPP-Off Bridge Program 608522 Boston Region 003, ROUTE 62 (MAPLE STREET) OVER Remove Project IPSWICH RIVER Construction; Funding moved from 2020; Previously AC year ESSEX- SUPERSTRUCTURE REPLACEMENT AMENDMENT:Move E-11-001 (2TV), ROUTE 133\MAIN STREET NHPP-Off of 2; project now funded completely in 2021; Total cost Bridge Program 608596 Boston Region Project - (FROM 2020) OVER ESSEX RIVER ase of \$2,111,360 AMENDMENT: BOXBOROUGH-BRIDGE REPLACEMENT, B-Bridge Program 608009 Boston Region NHPP-Off 1,029,500 Construction / AC Year 2 of 2, Total Cost \$14,295,000 18-002 ROUTE 111 OVER I-495 Remove Project 8,539,360 \$ 6,831,488 \$ Bridge Program / On-System (Non-NHS) subtotal ▶ \$ 1,707,872 ■ 80% Federal + 20% Non-Federal

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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 f	funding categor	У									
Amendment / Adjustment Type ▼	STIP Program ▼	MassDOT Project ID ▼	Metropolitan Planning Organization ▼	Municipality Name ▼	MassDOT Project Description▼	MassDOT District ▼			Federal Funds ▼	Non-Federal Funds ▼	Additional Information ▼  Present information as follows, if applicable: a) Planning / Desi / or Construction; b) total project cost and funding sources used; c) advance construction status; d) MPO project score, e) name of entit receiving a transfer; f) name of entity paying the non-state non-feder match; g) earmark details; h) TAP project proponent; i) other information
► Bridge Program	/ Systematic Main	tenance									
	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 / Systema	tic Maintenar	ice subtotal ▶	\$ 2,308,000	\$ 1,846,400	\$ 461,600	■ Funding Split Varies by Funding Source
►Interstate Pavem	ent										
	Interstate Pavement	Project #	МРО	Multiple	Description	District	NHPP	\$ -	\$ -	\$ -	
					Inster	state Pavem	ent subtotal <b>&gt;</b>	\$ -	\$ -	\$ -	■ 90% Federal + 10% Non-Federal
► Non-Interstate Pa	avement										
,	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-Inter	state Pavem	ent subtotal <b>&gt;</b>	\$ 20,220,480	\$ 16,176,384	\$ 4,044,096	■ 80% Federal + 20% Non-Federal
► Roadway Improv	vements										
	Roadway Improvements	Project #	MPO	N/A	Description	District	STP	\$ -	\$ -	\$ -	
					Roadwa	/ Improveme	nts subtotal ▶	\$ -	\$ -	-	■ 80% Federal + 20% Non-Federal
► Safety Improven				1						1	
	Safety Improvements	Project #	MPO	Multiple	Description	District	STP	\$ -	\$ -	\$ -	
					Safet	/ Improveme	nts subtotal 🕨	\$ -	\$ -	\$ -	◀ Funding Split Varies by Funding Source
► Section 2B / Stat	e Prioritized Mod	ernization Proj	ects								
► ADA Retrofits		1		1							
	ADA Retrofits	Project #	Statewide	Multiple	Description	4	STP	\$ -	\$ -	\$ -	
						ADA Retro	fits subtotal ▶	\$ -	\$ -	\$ -	■ 80% Federal + 20% Non-Federal

#### **Boston Region Transportation Improvement Program** 2021 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 / MassDOT MassDOT Funding MassDOT Metropolitan Municipality Federal Non-Federal Total Adjustment Type ▼ Project Program ▼ Project ID ▼ Planning Name ▼ District ▼ Source ▼ Programmed Funds ▼ Funds ▼ Additional Information ▼ Organization ▼ **Description** ▼ Funds ▼ Present information as follows, if applicable: a) Planning / Design or Construction; b) total project cost and funding sources used; c) advance construction status; d) MPO project score; e) name of entity receiving a transfer; f) name of entity paying the non-state non-federal match; g) earmark details; h) TAP project proponent; i) other ►Intersection Improvements MARI BOROLIGH- IMPROVEMENTS AT ntersection 608566 Boston Region Marlborough ROUTE 20 (EAST MAIN STREET) AT CURTIS 3 HSIP 2,784,000 2,505,600 278,400 Construction / PSAC score 51.5 Improvements AVENUE PEABODY- IMPROVEMENTS AT ROUTE 114 Intersection AT SYLVAN STREET, CROSS STREET, 608567 Boston Region Peabody HSIP 2 784 000 2 505 600 278,400 Construction / PSAC score 61.5 NORTHSHORE MALL, LORIS ROAD, ROUTE Improvements 128 INTERCHANGE AND ESQUIRE DRIVE QUINCY- INTERSECTION IMPROVEMENTS AT Intersection ROUTE 3A (SOUTHERN ARTERY) AND HSIP 2,505,600 Construction / PSAC score 55 608569 Boston Region Quincy 2,784,000 Improvements **BROAD STREET** Intersection Improvements subtotal ▶ \$ 8,352,000 \$ 7,516,800 \$ **835,200** ◀ Funding Split Varies by Funding Source ►Intelligent Transportation Systems Transportation Project # MPO Municipalities Description District NFP \$ \$ Intelligent Transportation System subtotal ▶ \$ \$ ■ 80% Federal + 20% Non-Federal ▶ Roadway Reconstruction DEDHAM- PEDESTRIAN IMPROVEMENTS Roadway ALONG ELM STREET & RUSTCRAFT ROAD CMAO 2,581,113 \$ 2 064 890 \$ 516,223 Construction / PSAC score 51.25 607901 Boston Region Dedham 6 \$ Reconstruction CORRIDORS Roadway BELMONT- IMPROVEMENTS AT 608911 Boston Region Belmont 4 TAP 1,243,750 995,000 248,750 WELLINGTON ELEMENTARY SCHOOL (SRTS) Reconstruction HOPKINTON- WESTBOROUGH-Construction / Total Project Cost = \$270,000,000 / AC YR 2 Roadway 607977 Boston Region Multiple RECONSTRUCTION OF I-90/I-495 3 NFP 37,500,000 \$ 30,000,000 7,500,000 of 6 / PSAC score 49 Reconstruction INTERCHANGE Roadway Reconstruction subtotal ▶ \$ 41,324,863 \$ 33,059,890 \$ 8.264.973 ◀ 80% Federal + 20% Non-Federal

Section 2C / St	tate Prioritized Expa	ansion Project	ts									
► Bicycles and Pe	edestrians											
	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	\$ 5,667,2	00 \$	1,416,800	Construction / PSAC score 32.5
					Bicycles	and Pedestriar	ns subtotal 🕨	\$ 7,084,000	\$ 5,667,20	00 \$	1,416,800	■ 80% Federal + 20% Non-Federal
► Capacity												
	Capacity	Project #	мро	Municipalities	Description	District	CMAQ	\$ -	\$	- \$	-	
				-		Capaci	ty subtotal ▶	\$ -	\$	- \$	-	■ Funding Split Varies by Funding Source
Section 2 / Place	nning / Adjustments	o / Book through	aha									

► Section 3 / Planning / Adjustments / Pass-throughs													
▶ Planning / Adjustments / Pass-throughs													
Planning / Adjustments / Project # Statewid Pass-throughs	e Multiple	ABP GANS Repayment	Multiple	NHPP	\$ -	\$	-	\$	-				
		Other	Statewide Iter	ms subtotal ▶	\$ -	\$	-	\$	-	■ Funding Split Varies by Funding Source			

#### **Boston Region Transportation Improvement Program** 2021 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 / MassDOT MassDOT MassDOT Funding Federal Non-Federal Metropolitan Municipality Total Adjustment Type ▼ Program ▼ Project ID ▼ Planning Name ▼ Project District ▼ Source ▼ Programmed Funds ▼ Funds ▼ Additional Information ▼ **Description** ▼ Present information as follows, if applicable: a) Planning / Design Organization ▼ Funds ▼ 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 ► Section 4 / Non-Federally Aided Projects ► Non-Federally Aided Projects HOPKINTON- WESTBOROUGH-Construction / Total Project Cost = \$270,000,000 / AC YR 2 Non Federal Aid 607977 Multiple RECONSTRUCTION OF I-90/I-495 3 NFA \$ 18.112.483 18.112.483 Boston Region of 6 / PSAC score 49 INTERCHANGE \$ 18,112,483 **◀**100% Non-Federal Non-Federal Aid subtotal ► \$ 18,112,483 TIP Section 1 - TIP Section 4: Total of All 2021 Summary 3: ▼ 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 Project (And 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. 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/llaggers/main.aspx

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

	Project		FTA Activity		Carryover			TD	
FTA Program	Number	Transit Agency	Item	Project Description	(unobligated)	Federal Funds	Funds	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	1177.00	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  Massachusetts Bay Transportation Authority		440000 Mobility Management	2020 - \$25,000	\$25,000	\$6,250	\$0 \$0	\$31,250
	5307 RTD0007326	(MBTA) Massachusetts Bay Transportation Authority		123402 Elevator and Escalator Program		\$29,600,000	\$0	\$0 \$7,400,000	\$37,000,000
	5307 RTD0006369	(MBTA) Massachusetts Bay Transportation Authority		121200 Revenue Vehicle Program		\$100,521,933	\$0	\$0 \$25,130,483	\$125,652,416
	5307 RTD0007338	(MBTA)		123400 Stations and Facilities Program	Subtotal	\$16,000,000 \$148,235,348	\$0 \$528,354	\$0 \$4,000,000 \$0 \$36,530,483	\$20,000,000 \$185,294,185
5309					Subtotui	Ţ140, <u>2</u> 33,340	7320,334	70 730,330,403	7103,234,103
3303		Massachusetts Bay Transportation Authority							
	5309 RTD0005988	(MBTA)		132303 Green Line Extension Project	Subtotal	\$146,121,000 \$146,121,000	\$0 \$0	\$0 \$146,121,126 \$0 \$146,121,126	\$292,242,126 \$292,242,126
5310					Cultural	\$0	ćo	\$0 \$0	***
5311					Subtotal	ŞU	\$0	\$0 \$0	\$0
3311					Subtotal	\$0	\$0	\$0 \$0	\$0
5337									
		Massachusetts Bay Transportation Authority							
	5337 RTD0007330	(MBTA)		126301 Signals/Systems Upgrade Program		\$71,242,094	\$0	\$0 \$17,810,524	\$89,052,618
	5337 RTD0006371	Massachusetts Bay Transportation Authority (MBTA) Massachusetts Bay Transportation Authority		122405 Bridge & Tunnel Program		\$37,064,000	\$0	\$0 \$9,266,000	\$46,330,000
	5337 RTD0006372	(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									
		Massachusetts Bay Transportation Authority							
	5339 RTD0006374	(MBTA)		111400 Bus Program		\$5,683,653	\$0		\$7,104,566
					Subtotal	\$5,683,653	\$0	\$0 \$1,420,913	\$7,104,566
5320					Subtotal	\$0	\$0	\$0 \$0	\$0
					Subtotal	\$0	ćn	\$0 \$0	\$0
Other Federal						30	30		ŞU
								77	
Other Federal Other Non-Federal					Subtotal	\$0	\$0		\$0

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

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

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 ▼	MassbOT District ▼	Funding Source ▼					Non-Federal Funds ▼	Additional Information ▼ Present Information as follows, if applicable: a) Planning / Design / or Construction; b) total project cost and funding sources used: c) advance construction status; d) MPO project score; e) name of entity receiving a transfer; f) name of entity paying the non-state non-federal match; g) earmark details; h) TAP project proponent; i) other information
	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		Construction; STP Total Cost = \$959,378; MPO Evaluation Score = 40
					Regionally Prior	ritized Proie	cts subtotal >	\$ .	101.539.859	1 \$ 8	1.495.059	\$ 20.044,799	■ 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.

Funds Programmed ►		101,539,859	\$ 101,539,859	▼Total Budget	\$ 0	Target Funds Available
STP programmed ▶	\$	57,021,058	\$ 83,572,288	■ Max STP	\$ 26,551,230	STP available
HSIP programmed ▶	\$	2,631,724	\$ 4,296,710	■ Min. HSIP	\$ 1,664,986	HSIP recommended not met
CMAQ programmed ►	\$	22,016,878	\$ 10,741,776	■ Min. CMAQ	\$ (11,275,102)	CMAQ recommended met
TAP programmed ▶	\$	2,332,990	\$ 2,929,085	■ Min. TAP	\$ 596,095	TAP recommended not met

Remaining HSIP, CMAQ, and TAP Funds \$

► 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 ▶						id subtotal ▶	\$		\$	-	\$	-	■ Funding Split Varies by Funding Source

#### 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 Non-Federal MassDOT Metropolitan Municipality MassDOT MassDOT Funding Total Federal Adjustment Type ▼ Program ▼ Project ID ▼ Planning Name ▼ Project District ▼ Source ▼ Programmed Funds ▼ Funds ▼ Additional Information ▼ Present Organization ▼ Description ▼ Funds ▼ 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 Project # Statewide Multiple Multiple NHPP Bridge Program Description 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) BOSTON- BRIDGE REPLACEMENT, B-16-016 AC Year 6 of 6, Total Project Cost increased from \$176,318,433 AMENDMENT NORTH WASHINGTON STREET OVER THE NHPP-On 22,621,004 18,096,803 Bridge Program 604173 Boston Region Boston 4.524.201 Increase Cost BOSTON INNER HARBOR NATICK- BRIDGE REPLACEMENT, N-03-020, AMENDMENT: ROUTE 27 (NORTH MAIN STREET) OVER-1,391,600 AC Year 2 of 2, Total Cost \$11,880,000 Bridge Program 605313 NHPP-On ROUTE 9 (WORCESTER STREET) AND Remove Project INTERCHANGE IMPROVEMENTS AMENDMENT: WILMINGTON- BRIDGE REPLACEMENT, W-38 608703 NHPP-On 17,137,840 13,710,272 \$ 029 (2KV), ST 129 LOWELL STREET OVER I 93 Remove Project AMENDMENT:Move WILMINGTON- BRIDGE REPLACEMENT, W-38-Project - (FROM 2021) Boston Region NHPP-On Bridge Program 607327 002, ROUTE 38 (MAIN STREET) OVER THE 10,760,960 2,152,192 Wilmington 8,608,768 B&M RAILROAD BOSTON- BRIDGE PRESERVATION, B-16-179, AMENDMENT:Move Bridge Program 608614 Boston Region AUSTIN STREET OVER I-93 RAMPS, MBTA NHPP-On 22,132,800 17,706,240 4.426.560 Boston Project - (FROM 2020) COMMUTER RAIL AND ORANGE LINE LYNN- SAUGUS- BRIDGE REPLACEMENT, L-AMENDMENT:New 18-016=S-05-008, ROUTE 107 OVER THE AC Year 4 of 5. Total Cost \$51,527,391 increased to Bridge Program 604952 Boston Region Multiple 4 NHPP-On 21.746.735 \$ 17.397.388 \$ 4.349.347 SAUGUS RIVER (AKA - BELDEN G. BLY \$74,471,140. Project funded in FFYs 2019 through 2023. Project BOSTON- SUPERSTRUCTURE REPAIRS ON B-AMENDMENT:Move Bridge Program 606728 Boston Region 16-365, BOWKER OVERPASS OVER NHPP-On 19.207.744 Construction Project - (TO 2023) STORROW DRIVE (EB) 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** 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 MassDOT Metropolitan Municipality MassDOT MassDOT Funding Total Federal Non-Federal Adjustment Type ▼ Program ▼ Project ID ▼ Planning Name ▼ Project District ▼ Source ▼ Programmed Funds ▼ Funds ▼ Additional Information \ Organization ▼ Description ▼ Funds ▼ 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) armark details; h) TAP project proponent; i) other information ► Bridge Program / On-System (Non-NHS) AMENDMENT: Add WILMINGTON- BRIDGE REPLACEMENT, W-38-Wilmington NHPP-On Bridge Program 608929 Boston Region 5,183,360 \$ 4,146,688 1,036,672 003. BUTTERS ROW OVER MBTA 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 NEWTON-WESTON- STEEL AMENDMENT: Add SUPERSTRUCTURE CLEANING (FULL Bridge Program 608866 Boston Region Multiple NHPP-On 2,349,900 1,879,920 469,980 REMOVAL) AND PAINTING OF 3 BRIDGES: N-Project 12-051, W-29-011 & W-29-028 Bridge Program / Systematic Maintenance subtotal ▶ \$ 2,349,900 \$ 1,879,920 \$ 469,980 ◀ Funding Split Varies by Funding Source ► Interstate Pavement FOXBOROLIGH- PLAINVILLE- WRENTHAM nterstate 608210 Boston Region Multiple FRANKLIN- INTERSTATE MAINTENANCE & NHPP 11,497,920 10,348,128 1,149,792 Construction Pavement **RELATED WORK ON I-495** Insterstate Pavement subtotal ▶ \$ 11,497,920 \$ 10,348,128 \$ 1,149,792 ◀ 90% Federal + 10% Non-Federal ► Non-Interstate Pavement Non-Interstate SALEM- LYNN- RESURFACING AND RELATED 608817 Boston Region Multiple NHPP 2.566,500 2.053,200 513.300 Construction Pavement WORK ON ROUTE 107 Non-Interstate DANVERS- RESURFACING AND RELATED 608818 Boston Region NHPP 1,916,320 1,533,056 383,264 Construction WORK ON ROUTE 114 Pavement Non-Interstate Pavement subtotal ▶ \$ 4.482.820 \$ 3,586,256 \$ 896,564 ◀ 80% Federal + 20% Non-Federal ► Roadway Improvements Roadway Project # MPO N/A Description STP - \$ Improvements - \$ ■ 80% Federal + 20% Non-Federal Roadway Improvements subtotal ▶ \$ - \$ ► Safety Improvements Safety MPO N/A Project # Description Multiple HSIP - \$ Improvements Safety Improvements subtotal ▶ \$ - \$ ■ Funding Split Varies by Funding Source Section 2B / State Prioritized N ► ADA Retrofits ADA Retrofits Project # MPO Municipalities Description District STP - \$ ADA Retrofits subtotal ▶ \$ - \$ - \$ ■ 80% Federal + 20% Non-Federal ► Intersection Improvements ntersection Project # MPO Municipalities Description District HSIP - \$ Intersection Improvements subtotal ▶ \$ - \$ - \$ ► Intelligent Transportation Systems Transportation 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 MassDOT Metropolitan Municipality MassDOT MassDOT Funding Total Federal Non-Federal Adjustment Type ▼ Program ▼ Project ID ▼ Planning Name ▼ Project District ▼ Source ▼ Programmed Funds ▼ Funds ▼ Additional Information V Organization ▼ Description ▼ Funds ▼ 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 ► Roadway Reconstruction HOPKINTON- WESTBOROUGH-Construction / Total Project Cost = \$270,000,000 / AC YR 3 of 6 / Roadway 607977 Boston Region Multiple RECONSTRUCTION OF I-90/I-495 NFP 25,266,061 20,212,849 5,053,212 PSAC score 49 Reconstruction INTERCHANGE HOPKINTON- WESTBOROUGH-Construction / Total Project Cost = \$270,000,000 / AC YR 3 of 6 / Roadway RECONSTRUCTION OF I-90/I-495 9,787,151 607977 Boston Region Multiple 3 NHPP 12 233 939 2 446 788 PSAC score 49 Reconstruction INTERCHANGE 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 MPO N/A Project # Description District CMAQ - \$ - \$ Pedestrians Bicycles and Pedestrians subtotal ▶ \$ - \$ - \$ ■ 80% Federal + 20% Non-Federal ▶ Capacity MPO Municipalities District CMAO Capacity Project # Description - \$ - \$ - \$ Capacity subtotal ▶ \$ - \$ ■ Funding Split Varies by Funding Source ► Section 3 / Planning / Adjustments / Pass-throughs ▶ Planning / Adjustments / Pass-throughs Planning / Multiple Description Multiple NHPP \$ Adjustments Project # Statewide Pass-throughs Other Statewide Items subtotal ▶ \$ ► Section 4 / Non-Federally Aided Projects ► Non-Federally Aided Projects HOPKINTON- WESTBOROUGH-Construction / Total Project Cost = \$270,000,000 / AC YR 3 of 6 / RECONSTRUCTION OF I-90/I-495 Non Federal Aid 607977 Boston Region Multiple NFA 18.112.483 18.112.483 PSAC score 49 INTERCHANGE Non-Federal Aid subtotal ▶ \$ 18,112,483 \$ 18,112,483 **◄**100% Non-Federal 2022 Summary Projects ▼ 3: ▼ 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 Item	/ Line Project Description	Carryover (unobligated)	Federal Funds		TD C Local Funds	Total Cost
5307	Number	Transit Agency	Щепп	Project Description	(unobligated)	rederal Fullus	rulius	C Local Fullus	Total Cost
••••	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  Massachusetts Bay Transportation Authority	,	440000 Mobility Management	2021 - \$25,000	\$25,000	\$6,250	\$0 \$0	\$31,250
	5307 RTD0006375	(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 KID0006377	Massachusetts Bay Transportation Authority	,	122405 Bridge & Tuffner Program		\$38,730,484	•		\$48,413,105
	5337 RTD0006378	(MBTA) Massachusetts Bay Transportation Authority	,	123400 Stations and Facilities Program		\$34,860,288	\$0	\$0 \$8,715,072	\$43,575,360
	5337 RTD0007331	(MBTA)		126301 Signals/Systems Upgrade Program		\$72,302,233	\$0	\$0 \$18,075,558	\$90,377,791
				, , , , , , , , , , , , , , , , , , ,	Subtotal	\$145,893,005	\$0		\$182,366,256
5339									
		Massachusetts Bay Transportation Authority	′	444400 0		45.500.550	40	40 44 400 040	4= 404 =66
	5339 RTD0006380	(MBTA)		111400 Bus Program	Subtotal	\$5,683,653 \$5,683,653	\$0 \$0		\$7,104,566 \$7,104,566
5320					Subtotal	\$0	\$0	\$0 \$0	\$0
Other Federal					Subtotal			<del></del>	ÇÜ
Other rederal					Subtotal	\$0	\$0	\$0 \$0	\$0
Other Non-Federal									
					0.11				
					Subtotal Total	\$299,787,006	\$0 \$440,854		\$0 \$374,733,757

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