### **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 Municipality MassDOT Metropolitan MassDOT MassDOT Funding Total Federal Non-Federal Amendment / STIF Adjustment Type ▼ Program ▼ Project ID ▼ Planning 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) other information ► Section 1A / Regionally Prioritized Projects ▶ Regionally Prioritized Projects Roadway HINGHAM- INTERSECTION IMPROVEMENTS AT Construction; STP+HSIP Total Cost = \$2,844,392; MPO reconstruction 600518 Boston Region Hingham DERBY STREET, WHITING STREET (ROUTE 53) HSIP 296,103 266,493 29.610 Evaluation Score = 28 AND GARDNER STREET program Roadway HINGHAM- INTERSECTION IMPROVEMENTS AT Construction; STP+HSIP Total Cost = \$2,844,392; MPO DERBY STREET, WHITING STREET (ROUTE 53) Boston Region STP 509,658 600518 2.548.289 2.038.631 \$ reconstruction Hingham 5 Evaluation Score = 28 program AND GARDNER STREET Construction: STP+CMAQ+Section 5309 (Transit) Total MPO Planning / GREEN LINE EXTENSION PROJECT- EXTENSION TO COLLEGE AVENUE WITH THE UNION SQUARE CMAQ 37,200,000 Contribution = \$190,000,000; funding flexed to FTA; match Adjustments / Boston Region Multiple 46.500.000 9,300,000 provided by local contributions; AC Yr 3 of 6 Pass-throughs SOUTHBOROUGH- RECONSTRUCTION OF MAIN Roadway Construction; CMAQ+TAP+STP Total Cost = \$7,271,690; reconstruction 604989 Boston Region Southborough STREET (ROUTE 30), FROM SEARS ROAD TO CMAQ 1,000,000 800,000 200.000 MPO Evaluation Score = 42 program PARK STREET SOUTHBOROUGH- RECONSTRUCTION OF MAIN Construction; CMAQ+TAP+STP Total Cost = \$7,271,690; Roadway MPO Evaluation Score = 42; TAP project proponent = reconstruction 604989 Boston Region Southborough STREET (ROUTE 30), FROM SEARS ROAD TO 3 TAP 1,456,250 1,165,000 291,250 program PARK STREET Southborough SOUTHBOROUGH- RECONSTRUCTION OF MAIN Roadway Construction; CMAQ+TAP+STP Total Cost = \$7,271,690; 604989 STREET (ROUTE 30), FROM SEARS ROAD TO 3 STP 4,815,440 3,852,352 963,088 reconstruction Boston Region Southborough MPO Evaluation Score = 42 PARK STREET program BROOKLINE- INTERSECTION & SIGNAL Roadway Construction: TAP+STP+CMAQ+Private Sector Constribution 605110 Brookline IMPROVEMENTS @ ROUTE 9 & VILLAGE SQUARE CMAQ 1.000.000 800.000 200.000 reconstruction Boston Region 6 (\$1,000,000) = \$7,000,834; MPO Evaluation Score = 68 (GATEWAY EAST) program Roadway BROOKLINE- INTERSECTION & SIGNAL Construction; TAP+STP+CMAQ+Private Sector Constribution (\$1,000,000) = \$7,000,834; MPO Evaluation Score = 68; TAP reconstruction 605110 Boston Region Brookline IMPROVEMENTS @ ROUTE 9 & VILLAGE SQUARE 6 TAP 1.255.000 1.004.000 \$ 251.000 (GATEWAY EAST) project proponent = Brookline program BROOKLINE- INTERSECTION & SIGNAL Roadway Construction; TAP+STP+CMAQ+Private Sector Constribution reconstruction 605110 Boston Region Brookline IMPROVEMENTS @ ROUTE 9 & VILLAGE SQUARE 6 3 745 834 2,996,667 (\$1,000,000) = \$7,000,834; MPO Evaluation Score = 68 (GATEWAY EAST) program WEYMOUTH- ABINGTON- RECONSTRUCTION & Construction; STP+NHPP+HSIP+TEA-21 Earmark+BR Total WIDENING ON ROUTE 18 (MAIN STREET) FROM Capacity Cost = \$81.812.268; AC Yr 3 of 3 (project originally funded into 601630 Boston Region Multiple HIGHLAND PLACE TO ROUTE 139 (4.0 MILES) 6 STP 27.631.758 22.105.406 5.526.352 FFY 2019, but all remaining funding was transferred into FFY program INCLUDES REPLACING W-32-013, ROUTE 18 OVER THE OLD COLONY RAILROAD (MBTA) NEEDHAM- WELLESLEY- REHAB/REPLACEMENT Construction: NHPP+RR+Statewide Infrastructure Total Cost = OF 6 BRIDGES ON I-95/ROUTE 128: N-04-020, N-04-Capacity 603711 Boston Region 6 NHPP 1,988,367 1,590,694 397.673 \$164,919,140 (\$1,988,367 programmed within FFYs 2018-22 program 021, N-04-022, N-04-026, N-04-027, N-04-037 & W-13-TIP); AC Yr 5 of 5 023 (ADD-A-LANE - CONTRACT V) Bicycles and SALEM- CANAL STREET RAIL TRAIL Construction; TAP Total Cost = \$2,787,456; MPO Evaluation pedestrians 608352 Boston Region TAP 2.787.456 2.229.965 CONSTRUCTION (PHASE 2) Score = 37; TAP project proponent = Salem program

Regionally Prioritized Projects subtotal ▶ \$ 95.024.497 \$ 76.049.208 \$ 18.975.289 ◀ 80% Federal + 20% Non-Federal

### 2018 **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 Municipality MassDOT Funding MassDOT Metropolitan MassDOT Total Federal Non-Federal Amendment / STIF Adjustment Type ▼ Program ▼ Project ID ▼ Planning 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) other information ► Section 1A / Fiscal Constraint Analysis Total Regional Federal Aid Funds Programmed ▶ \$ 95,024,497 \$ 95,038,936 **◄**Total Budget 14,439 Target Funds Available 36,341,677 STP available STP programmed ▶ \$ 40,729,688 \$ 77,071,365 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 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 2,929,085 ◀ Min. **TAP** (2,569,621) TAP amount exceeded! TAP programmed ► \$ 5,498,706 \$ Remaining HSIP, CMAQ, and TAP Funds \$ 14.439 ► Section 1B / Earmark or Discretionary Grant Funded Projects ► Other Federal Aid Earmark BOSTON- TRAFFIC SIGNAL IMPROVEMENTS ON 500,209 Construction; HPP 2129 (MA155) 606134 Boston Region Boston 6 HPP 2.501.046 \$ 2.000.837 \$ BLUE HILL AVENUE AND WARREN STREET Discretionary ARLINGTON- BELMONT- HIGHWAY LIGHTING Earmark 4 HPP 1,076,625 861,300 \$ 215,325 Construction; HPP L020 (MAM03) 606381 Boston Region Multiple Discretionary REPAIR & MAINTENANCE ON ROLITE 2 ARLINGTON- BELMONT- HIGHWAY LIGHTING Earmark Construction; HPP H020 (MAM04) 606381 Boston Region Multiple 4 HPP \$ 2.137.500 \$ 1,710,000 \$ Discretionary REPAIR & MAINTENANCE ON ROUTE 2 WELLESLEY- NEWTON- WESTON- PAVEMENT Earmark 608823 Boston Region Multiple 6 HPP 1.998.390 \$ 1.598.712 \$ 399,678 Construction; HPP H020 (MAM01) Discretionary RESURFACING AND RELATED WORK ON I-95 Farmark WELLESLEY- NEWTON- WESTON- PAVEMENT 608823 Boston Region Multiple 6 HPP 2,137,500 \$ 1,710,000 \$ 427,500 Construction; HPP H020 (MAM02) RESURFACING AND RELATED WORK ON I-95 Discretionar Earmark WELLESLEY- NEWTON- WESTON- PAVEMENT 608823 FBD 329 525 \$ 263 620 \$ 65.905 Construction; FBD MAF01 Boston Region Multiple \$ RESURFACING AND RELATED WORK ON I-95 Discretionar Other Federal Aid subtotal ▶ \$ 10,180,586 \$ 8,144,469 \$ 2,036,117 ■ Funding Split Varies by Funding Source ► Section 2A / State Prioritized Reliability Projects ▶ Bridge Program / Inspections N/A NHPP \$ \$ Project # Statewide Bridge Inspection Multiple - \$ \_ Bridge Program Bridge Program / Inspections subtotal ▶ \$ \$ \$ ■ Funding Split Varies by Funding Source ► Bridge Program / Off-System QUINCY- SUPERSTRUCTURE REPLACEMENT, Q-AMENDMENT:Add 01-039, ROBERTSON STREET OVER I-93/US 1/SR 3 607133 Boston Region 6 STP-BR-OFF 4,663,678 \$ 3,730,943 \$ 932,736 Bridge Program Quincy Project HOPKINTON- WESTBOROUGH- BRIDGE Bridge Program 606632 Boston Region Multiple REPLACEMENT, H-23-006=W-24-016, FRUIT STP-BR-OFF \$ 12,993,071 10,394,457 \$ 2,598,614 Construction STREET OVER CSX & SUDBURY RIVER MARSHFIELD- BRIDGE REPLACEMENT, M-07-007. STP-BR-OFF Bridge Program 604655 Boston Region Marshfield 5 4.189.856 \$ 3,351,884 \$ 837.971 Construction BEACH STREET OVER THE CUT RIVER WALTHAM- BRIDGE REPLACEMENT, W-04-006 AMENDMENT:Increase Bridge Program 607533 Waltham STP-BR-OFF 3,327,210 \$ 2,661,768 \$ 665 442 Construction Boston Region WOERD AVENUE OVER CHARLES RIVER Bridge Program / Off-System subtotal ▶ \$ 25,173,815 \$ 20,139,052 \$ 5,034,763 ◀ 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 Municipality MassDOT Funding MassDOT Metropolitan MassDOT Total Federal Non-Federal Amendment / STIF Adjustment Type ▼ Program ▼ Project ID ▼ Planning 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) other information ► Bridge Program / On-System (NHS) AMENDMENT:Add CHELSEA- ROUTE 1 VIADUCT REHABILITATION Bridge Program Boston Region NHPP-On 8.130.000 AC Year 1 of 4. Total Cost \$110.000.000 605287 Chelsea 6 40.650.000 32.520.000 \$ (SB/NB) ON C-09-007 & C-09-011 Project LYNN- SAUGUS- BRIDGE REPLACEMENT, L-18-AMENDMENT: Decrease 016=S-05-008, ROUTE 107 OVER THE SAUGUS 3,435,159 AC Year 1 of 2, Total Cost \$51,527,391 Bridge Program 604952 Boston Region Multiple NHPP-On 17,175,797 13,740,638 RIVER (AKA - BELDEN G. BLY BRIDGE) BOSTON- BRIDGE REPLACEMENT, B-16-016, AC Year 2 of 6, \$157,546,729; City of Boston Contribution: AMENDMENT:Decrease Bridge Program NORTH WASHINGTON STREET OVER THE 604173 Boston Region NHPP-On 35,000,000 28,000,000 \$14.444.195.50; and \$1.837.500 Non-Federal Aid funds = BOSTON INNER HARBOR Total Project Cost: \$174,000,000 Bridge Program / On-System (NHS) subtotal ▶ \$ 92,825,797 \$ 74,260,638 \$ 18,565,159 ◄ Funding Split Varies by Funding Source ► 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 NEWTON- WELLESLEY- WESTON- BRIDGE Bridge Program 607915 Multiple MAINTENANCE OF N-12-063, N-12-054, N-12-055 & NHPP-On \$ 1,596,667 \$ 1,277,334 \$ 319 333 Construction Boston Region N-12-056 ON I-95/ROUTE 128 SALEM- BRIDGE MAINTENANCE, S-01-018 (32T), Bridge Program 608521 Boston Region Salem (ST 114) NORTH STREET OVER (ST 107) BRIDGE 4 NHPP-Off \$ 2 400 000 \$ 1.920.000 \$ 480,000 Construction STREET & MBTA Bridge Program / Systematic Maintenance subtotal ▶ \$ 3,996,667 3,197,334 \$ 799,333 ■ Funding Split Varies by Funding Source ► Interstate Pavement WELLESLEY- NEWTON- WESTON- PAVEMENT Interstate Construction Boston Region Multiple 2.398.293 \$ 2.158.464 \$ Pavement RESURFACING AND RELATED WORK ON I-95 2.158.464 \$ 239 829 4 90% Federal + 10% Non-Federal Insterstate Pavement subtotal > \$ 2.398.293 \$ ► Non-Interstate Pavement SAUGUS- RESURFACING AND RELATED WORK Non-Interstate 608008 Saugus 4 NHPP 9,812,880 7,850,304 \$ 1,962,576 Construction Boston Region ON ROUTE 1 Pavement AMENDMENT:Increase CONCORD- RESURFACING AND RELATED WORK Non-Interstate 608478 Boston Region Concord NHPP 6,136,554 4,909,243 \$ 1,227,311 Construction ON ROUTE 2 Pavement LEXINGTON- BELMONT- ARLINGTON- CAMBRIDGE-Construction / Includes \$1,040,000 of stormwater Non-Interstate 608379 Boston Region 4 NHPF 8.437.000 6,749,600 1.687.400 Pavement PAVEMENT PRESERVATION ON ROLLTE 2 improvements MARSHFIELD- PEMBROKE- NORWELL- HANOVER-Non-Interstate Boston Region ROCKLAND- HINGHAM- RESURFACING & NHPP 11,100,973 \$ 2,775,243 Construction / Includes \$400,000 of stormwater improvements 608069 Multiple 5 13.876.216 RELATED WORK ON ROUTE 3 Non-Interstate Pavement subtotal ▶ \$ 38.262.650 \$ 30.610.120 \$ ► Roadway Improvements Roadway Project # MPO Multiple Description STP-TE \$ District Improvements - \$ - \$ - ■ 80% Federal + 20% Non-Federal Roadway Improvements subtotal ▶ \$ ► Safety Improvements ARLINGTON- BELMONT- HIGHWAY LIGHTING 1,177,276 Construction 606381 Boston Region Multiple STP \$ 5 886 381 \$ 4.709.105 \$ REPAIR & MAINTENANCE ON ROUTE 2 Improvements Safety Improvements subtotal ▶ \$ 5,886,381 \$ 4,709,105 \$ 1,177,276 ■ Funding Split Varies by Funding Source

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<u>ndicates a new f</u> mendment /	unding catego	MassDOT	Maturalitan	Municipality	MassDOT	MassDOT	Francisco	Tatal		Fadaval	Non I	- denal	
menament / djustment Type ▼	Program ▼	Project ID ¶		Municipality Name ▼	Massuo1 Project Description ▼		Funding Source ▼	Total Program Funds ▼	med	Federal Funds ▼	Fund	Federal s ▼	Additional Information ▼  Present information as follows, if applicable: a) Planning / Design / or Construction; b) total project cost and funding source used; c) advance construction status; d) MPO project score; e); of entity receiving a transfer; f) name of entity paying the non-st non-federal match; g) earmark details; h) TAP project proponen other information
Section 2B / State	e Prioritized Mod	dernization Pr	ojects										
ADA Retrofits													
	ADA Retrofits	Project #	MPO	Municipalities	Description	District	STP	\$		\$ -	\$		
	7.57110.001.0	. reject #	J 0	тапорашов	2 stanpasii		fits subtotal ▶	T			\$		■ 80% Federal + 20% Non-Federal
Intersection Impr	ovements					71071110110	into oubtotal P	-		Ψ	Ψ		4 00% F 000 II - 20% Notifi Coolai
intersection impr	Intersection Improvements	608651	Boston Region	Braintree	BRAINTREE- ADAPTIVE SIGNAL CONTROLS ON ROUTE 37 (GRANITE STREET)	6	CMAQ	\$	500,000	\$ 400,000	\$	100,000	Construction
					,	Improveme	nts subtotal ▶	\$ 5	00,000	\$ 400,000	\$	100,000	■ Funding Split Varies by Funding Source
Intelligent Transp	ortation System	ns											·
	Intelligent Transportation Systems	Project #	Statewide	Multiple	Description	Multiple	NHPP	\$	-	\$ -	\$	-	
					Intelligent Transpo	rtation Syst	em subtotal ▶	\$	-	\$ -	\$	-	◀ 80% Federal + 20% Non-Federal
Roadway Recons	struction												
	Roadway Reconstruction	Project #	MPO	N/A	Description	District	TAP	\$	-	\$ -	\$	-	
					Roadway	Reconstruct	ion subtotal ▶	\$	-	\$ -	\$	-	■ 80% Federal + 20% Non-Federal
Section 2C / State	e Prioritized Exp	ansion Proje	cts										
Bicycles and Ped	lestrians												
	Bicycles and Pedestrians	607732	Boston Region	Multiple	FRAMINGHAM- NATICK- COCHITUATE RAIL TRAIL CONSTRUCTION INCLUDING PEDESTRIAN BRIDGE, N-03-014, OVER ROUTE 9 & F-07-033=N-03- 029 OVER ROUTE 30	3	TAP	\$ 7,	152,508	\$ 5,722,006	\$	1,430,502	Construction / PSAC score 35.5
	Bicycles and Pedestrians	607732	Boston Region	Multiple	FRAMINGHAM- NATICK- COCHITUATE RAIL TRAIL CONSTRUCTION INCLUDING PEDESTRIAN BRIDGE, N-03-014, OVER ROUTE 9 & F-07-033=N-03- 029 OVER ROUTE 30	3	STP-TE	\$ 2,0	618,355	\$ 2,094,684	\$	523,671	Construction / PSAC score 35.5
					Bicycles at	nd Pedestria	ns subtotal ▶	\$ 9,7	70,863	\$ 7,816,690	\$	1,954,173	■ 80% Federal + 20% Non-Federal
Capacity		_					,						
	Capacity	Project #	MPO	Municipalities	Description	District	CMAQ	\$	-	\$ -	\$	-	
						_	city subtotal ▶	1.	_		\$		■ Funding Split Varies by Funding Source

2018	Bosto	n Rec	aion T	ranspo	ortation Imp	rovement Pro	ogran	1			
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Indicates a projec	t moved in fro	m another T	IP element								
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Amendment /	STIP	MassDOT	Metropolitan	Municipality	MassDOT	MassDOT	Funding	Total	Federal	Non-Federal	
Adjustment Type ▼	Program ▼	Project ID ▼		Name ▼	Project	District ▼		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) nar
											of entity receiving a transfer; f) name of entity paying the non-state
											non-federal match; <b>g</b> ) earmark details; <b>h</b> ) TAP project proponent; <b>i</b> ) other information
► Section 3 / Plannii	ng / Adjustment	ร / Pass-throเ	ughs								
► Planning / Adjustr	nents / Pass-thr	oughs									
	Planning /										
	Adjustments / Pass-throughs	Project #	Statewide	Multiple	Description	Multiple	NHPP	\$ -	\$ -	\$ -	
	Pass-tilloughs					Other Statewide Ite	ms subtotal <b>b</b>	. s .	\$ -	\$ -	■ Funding Split Varies by Funding Source
						Other otatewide ite	ino oubtotui P	•	Ι Ψ	1 4	Training opin variously randing obtained
► Section 4 / Non-Fe	ederally Aided P	rojects									
► Non-Federally Aid	led Projects										
•	Non Federal Aid	Project #	MPO	Municipalities	Description	District	NFA	s -		s -	
	Non i caciai / lia	1 Tojcot #	IVII O	Wallopaliaco	Description			'		•	44000/ Non Fordonal
						Non-Federal	Aid subtotal▶			\$ -	◀100% Non-Federal
2018 Sumn	nary							TIP Section 1 - 3: ▼	TIP Section 4: ▼	Total of All Projects ▼	
							Total N	\$ 284.019.550	\$ -	\$ 284 019 550	■ Total Spending in Region
						Fe		\$ 227,485,079	<u> </u>		◀ Total Federal Spending in Region
								\$ 56,534,470		0 50 504 470	■ 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 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) Transit Project List (FFY 2018)

by FTA Funding 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

Project Number	Transit Agency	FTA Activity Line Item	Project Description	Carryover (unobligate d)	Federal S	State Funds	TDC	Local Funds	Total Cost
5307									
RTD0005465	Cape Ann Transportation Authority	117A00	PREVENTIVE MAINTENANCE		\$350,000	\$0	\$0	\$87,500	\$437,500
RTD0005467	Cape Ann Transportation Authority	114206	ACQUIRE - SHOP EQ/SOFTWARE MAINT		\$40,000	\$10,000	\$0	\$0	\$50,000
RTD0005469	Cape Ann Transportation Authority	114220	ACQUIRE - MISC SUPPORT EQUIPMENT		\$27,267	\$6,817	\$0	\$0	\$34,084
RTD0005473	Cape Ann Transportation Authority	114206	ACQUIRE - SHOP EQUIPMENT		\$52,000	\$13,000	\$0	\$0	\$65,000
RTD0005474	Cape Ann Transportation Authority	113410	REHAB- SHELTERS Railroad, P&R, Emerson Ave		\$33,600	\$8,400	\$0	\$0	\$42,000
RTD0005475	Cape Ann Transportation Authority	113310	CONSTRUCT - BUS SHELTER-CATA HUB/COA		\$14,400	\$3,600	\$0	\$0	\$18,000
RTD0005476	Cape Ann Transportation Authority	113410	REHAB/RENOVATE - BUS PASSENGER SHELTERS		\$9,600	\$2,400	\$0	\$0	\$12,000
RTD0005989	MetroWest Regional Transit Authority	113403	TERMINAL, INTERMODAL (TRANSIT)		\$150,000	\$37,500	\$0	\$0	\$187,500
RTD0005990	MetroWest Regional Transit Authority	117C00	NON FIXED ROUTE ADA PARA SERV		\$1,300,000	\$325,000	\$0	\$0	\$1,625,000
RTD0005991	MetroWest Regional Transit Authority	114200	ACQUISITION OF BUS SUPPORT EQUIP/FACILITIES		\$248,415	\$62,104	\$0	\$0	\$310,519
RTD0005992	MetroWest Regional Transit Authority	440000	Mobility Management		\$25,000	\$6,250	\$0	\$0	\$31,250
RTD0006350	Massachusetts Bay Transportation Authority (MBTA)	121200	Revenue Vehicle Program		\$76,000,000	\$0	\$0	\$19,000,000	\$95,000,000
RTD0006351	Massachusetts Bay Transportation Authority (MBTA)	126301	Systemwide Signals Program		\$65,446,986	\$0	\$0	\$16,361,747	\$81,808,733
				Subtotal	\$143,697,268	\$475,071	\$0	\$35,449,247	\$179,621,586
5309									
RTD0005980	Massachusetts Bay Transportation Authority (MBTA)	132303	Green Line Extension Project		\$150,000,000	\$0	\$0	\$147,878,038	\$297,878,038
				Subtotal	\$150,000,000	\$0	\$0	\$147,878,038	\$297,878,038
5310									
RTD0006417	Cape Ann Transportation Authority	111215	Replacement Vans (3) CTGP		\$163,360	\$40,840	\$0	\$0	\$204,200
RTD0006468	MetroWest Regional Transit Authority	300901	MWRTA 5310 Operating Project FY18		\$250,000	\$250,000	\$0	\$0	\$500,000
RTD0006536	MetroWest Regional Transit Authority	440000	MWRTA 5310 Travel Training Initiative (TTI)		\$80,000	\$20,000	\$0	\$0	\$100,000
RTD0006470	MetroWest Regional Transit Authority	111215	MWRTA 5310 MAP Replacement Vehicles FY18		\$727,360	\$181,840	\$0	\$0	\$909,200
RTD0006471	MetroWest Regional Transit Authority	111300	MWRTA 5310 MAP New Vehicles FY18		\$173,840	\$43,460	\$0	\$0	\$217,300
RTD0006412	Greater Lynn Senior Services, Inc.	111204	BUY REPLACEMENT <30 FT BUS (11)		\$141,840	\$378,240	\$0	\$130,020	\$650,100
RTD0006521	Greater Lynn Senior Services, Inc.	400000	PLANNING		\$242,267	\$0	\$0	\$60,230	\$302,497
RTD0006561	SCM Community Transportation, Inc.	300901	Operating Project - Ride Relief		\$89,000	\$0	\$0	\$89,000	\$178,000
RTD0006416	Town of Bedford	300901	UP TO 50% FEDERAL SHARE		\$47,000	\$0	\$0	\$47,000	\$94,000
RTD0006464	City of Boston	117L00	MOBILITY MANAGEMENT		\$170,017	\$0	\$0	\$42,504	\$212,521
RTD0006495	Town of Acton	300901	UP TO 50% FEDERAL SHARE - Dispatch		\$41,000	\$0	\$0	\$41,000	\$82,000
RTD0006519	Town of Acton	300901	UP TO 50% FEDERAL SHARE - Shuttle		\$60,000	\$0	\$0	\$60,000	\$120,000
RTD0006432	Mystic Valley Elder Services, Inc.	1000048	COORDINATION OF NON-EMERGENCY HUMAN SERVICE TRANSPORTATION		\$157,312	\$0	\$0	\$39,328	\$196,640
RTD0006531	Town of Brookline	1000048	MOBILITY MANAGEMENT (5302(A)(1)(L))		\$102,012	\$0	\$0	\$25,503	\$127,515

				Subtotal	\$2,445,008	\$914,380	\$0	\$534,585	\$3,893,973
5311				Subtotal	\$0	\$0	\$0	\$0	\$0
5337				Subtotal	<del></del>	Ψ.		70	70
RTD0006352	Massachusetts Bay Transportation Authority (MBTA)	122405	Bridge & Tunnel Program		\$72,000,000	\$0	\$0	\$18,000,000	\$90,000,000
RTD0006353	Massachusetts Bay Transportation Authority (MBTA)	123400	Stations and Facilities Program		\$50,401,533	\$0	\$0	\$12,600,383	\$63,001,916
RTD0006354	Massachusetts Bay Transportation Authority (MBTA)	124400	System Upgrades Program		\$20,000,000	\$0	\$0	\$5,000,000	\$25,000,000
				Subtotal	\$142,401,533	\$0	\$0	\$35,600,383	\$178,001,916
5339									
RTD0006355	Massachusetts Bay Transportation Authority (MBTA)	111400	Bus Program		\$5,318,786	\$0	\$0	\$1,329,696	\$6,648,482
				Subtotal	\$5,318,786	\$0	\$0	\$1,329,696	\$6,648,482
5320				Subtotal	\$0	\$0	\$0	\$0	\$0
Other Fede	eral								
				Subtotal	\$0	\$0	\$0	\$0	\$0
Other Non-	-Federal								
RTD0006002	MetroWest Regional Transit Authority	115320	CONSTRUCT MISC ELEC/POWER EQUIP		\$0	\$750,000	\$0	\$0	\$750,000
RTD0006479	HealthCare Options, Inc.	111215	BUY REPLACEMENT VAN (4)		\$0	\$205,440	\$0	\$51,360	\$256,800
RTD0006538	Arlington Council on Aging	111200	BUY REPLACEMENTS - CAPITOL BUS		\$0	\$47,280	\$0	\$11,820	\$59,100
RTD0006527	Belmont Council on Aging	111215	BUY REPLACEMENT VAN (1)		\$0	\$44,960	\$0	\$11,240	\$56,200
RTD0006501	Town of Danvers	111215	BUY REPLACEMENT VAN (1)		\$0	\$44,960	\$0	\$11,240	\$56,200
RTD0006502	Town of Manchester	111215	BUY REPLACEMENT VAN (1)		\$0	\$47,280	\$0	\$11,820	\$59,100
RTD0006516	Town of Manchester	111315	BUY VAN FOR SVC EXPANSION (1)		\$0	\$44,960	\$0	\$11,240	\$56,200
RTD0006465	Town of Marblehead	111203	BUY REPLACEMENT 30-FT BUS		\$0	\$51,360	\$0	\$12,840	\$64,200
RTD0006547	City of Salem (COA)	111203	BUY REPLACEMENT 30-FT BUS		\$0	\$54,400	\$0	\$13,600	\$68,000
RTD0006466	Sharon Council on Aging	111215	BUY REPLACEMENT VAN		\$0	\$47,280	\$0	\$11,820	\$59,100
RTD0006462	Stoneham Council on Aging	111315	BUY VAN FOR SVC EXPANSION - Stoneham CoA Accessibility Connectivity		\$0	\$44,960	\$0	\$11,240	\$56,200
RTD0006485	Swampscott Senior Center/COA	111215	BUY REPLACEMENT VAN (1)		\$0	\$51,360	\$0	\$12,840	\$64,200
RTD0006490	Town of Wenham	111215	BUY REPLACEMENT VAN (1)		\$0	\$47,280	\$0	\$11,820	\$59,100
RTD0006503	Weymouth Council on Aging	111200	BUY REPLACEMENTS - CAPITOL BUS		\$0	\$56,000	\$0	\$14,000	\$70,000
				Subtotal	\$0	\$1,537,520	\$0	\$196,880	\$1,734,400
				Total	\$443,862,595	\$2,926,971	\$0	\$220,988,829	\$667,778,395

Funds listed under the Carryover column are included in the Federal Amount.

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Roadway NATICK- RECONSTRUCTION OF ROUTE 27 Construction: CMAQ+TAP+STP Total Cost = \$12.688.000: (NORTH MAIN STREET), FROM NORTH TAP 1,318,933 \$ 1,055,146 \$ 263,787 605034 Boston Region Natick reconstruction MPO Evaluation Score = 60 AVENUE TO THE WAYLAND TI program Roadway NATICK- RECONSTRUCTION OF ROUTE 27 Construction; CMAQ+TAP+STP Total Cost = \$12,688,000; reconstruction 605034 Boston Region Natick (NORTH MAIN STREET), FROM NORTH 3 STP 8,953,733 \$ 7,162,986 \$ 1,790,747 MPO Evaluation Score = 60 AVENUE TO THE WAYLAND T.L. program Roadway Construction; STP+Earmark Total Cost = \$24,792,845; BOSTON- RECONSTRUCTION OF MELNEA STP 1 469 701 reconstruction 605789 Boston Region Boston 6 7 348 506 \$ 5 878 805 \$ MPO Evaluation Score = 59 CASS BOULEVARD 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 Funding MassDOT Metropolitan MassDOT Total Federal Non-Federal Amendment / Municipality Adjustment Type ▼ Program ▼ Project ID ▼ Planning Name ▼ Project District ▼ Source ▼ Programmed Funds ▼ Funds ▼ Additional Information V 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 NEEDHAM-NEWTON- RECONSTRUCTION OF HIGHLAND AVENUE, NEEDHAM STREET & Roadway Construction: CMAQ+HSIP+TAP+STP Total Cost = CHARLES RIVER BRIDGE, N-04-002, FROM HSIP 1.875.199 \$ 1.687.679 \$ 187.520 reconstruction 606635 Boston Region Multiple \$21,434,400; AC Yr 1 of 2; MPO Evaluation Score = 75 WEBSTER STREET (NEEDHAM) TO REOUT 9 program (NEWTON) NEEDHAM-NEWTON- RECONSTRUCTION OF Roadway HIGHLAND AVENUE, NEEDHAM STREET & Construction; CMAQ+HSIP+TAP+STP Total Cost = reconstruction 606635 Boston Region Multiple CHARLES RIVER BRIDGE, N-04-002, FROM CMAQ 2,500,001 \$ 2,000,001 \$ 500,000 \$21.434.400: AC Yr 1 of 2: MPO Evaluation Score = 75 WEBSTER STREET (NEEDHAM) TO REOUT 9 program (NEWTON) NEEDHAM-NEWTON- RECONSTRUCTION OF Construction: CMAQ+HSIP+TAP+STP Total Cost = Roadway HIGHLAND AVENUE NEEDHAM STREET & reconstruction 606635 CHARLES RIVER BRIDGE, N-04-002, FROM TAP 1,546,492 \$ 1,237,194 \$ 309,298 \$21,434,400; AC Yr 1 of 2; MPO Evaluation Score = 75; Boston Region Multiple TAP project proponent = Needham WEBSTER STREET (NEEDHAM) TO REOUT 9 program (NEWTON) NEEDHAM-NEWTON- RECONSTRUCTION OF Roadway HIGHLAND AVENUE, NEEDHAM STREET & Construction: CMAQ+HSIP+TAP+STP Total Cost = reconstruction 606635 Boston Region Multiple CHARLES RIVER BRIDGE, N-04-002, FROM STP 4,851,064 3,880,851 \$ 970,213 \$21,434,400; AC Yr 1 of 2; MPO Evaluation Score = 75 WEBSTER STREET (NEEDHAM) TO REOUT 9 program (NEWTON) 945,227 ◀ 80% Federal + 20% Non-Federal Regionally Prioritized Projects subtotal ▶ \$ 6,221,522 \$ 5,276,295 \$ ► Section 1A / Fiscal Constraint Analysis Total Regional Federal Aid Funds Programmed ▶ \$ 98,810,545 \$ 98,794,261 ◆ Total Budget | \$ (16,284) Funds Over Programmed 20,314,679 STP available STP programmed ▶ \$ 60,512,011 \$ 80,826,690 ◀ Max STP 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 HSIP programmed ▶ \$ 4,865,970 \$ 4,296,710 **◄** Min. **HSIP** (569,260) HSIP recommended met 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 CMAQ programmed ► \$ 29,842,726 \$ 10,741,776 **◄** Min. **CMAQ** (19,100,950) CMAQ recommended met FTA flex, coordinate with Rail & Transit Division before programming; Column L) Enter Additional Information as described - please do (660,752) TAP amount exceeded! TAP programmed ► \$ 3,589,837 \$ 2,929,085 **◄** Min. **TAP** not use any other format HSIP, CMAQ, TAP Overprogrammed \$ (16,284)► Section 1B / Earmark or Discretionary Grant Funded Projects ► Other Federal Aid Construction; HPP 4284 (MA203); STP+Earmarks Total Farmark BOSTON- RECONSTRUCTION OF MELNEA 605789 6 HPP 5,007,375 \$ 4,005,900 \$ 1,001,475 Boston Region Boston Discretionary CASS BOULEVARD Cost = \$24,792,845 BOSTON- RECONSTRUCTION OF MELNEA Earmark Construction; HPP 756 (MA126); STP+Earmarks Total Cost 605789 Boston Region Boston 6 HPP \$ 2.703.983 \$ 2.163.186 \$ 540 797 = \$24,792,845 CASS BOULEVARD Discretionar BOSTON- RECONSTRUCTION OF MELNEA Construction; (MA154); STP+Earmarks Total Cost = Earmark 6 HPP 6,259,219 \$ 5,007,375 \$ 1,251,844 605789 Boston Region Boston \$24,792,845 CASS BOULEVARD Discretionary Construction; (MA194); STP+Earmarks Total Cost = Earmark BOSTON- RECONSTRUCTION OF MELNEA 6 HPP \$ 3,473,764 \$ 2,779,011 \$ 694,753 605789 Boston Region Boston \$24,792,845 Discretionary CASS BOULEVARD MILTON- DECK RECONSTRUCTION OVER SE Earmark EXPRESSWAY (EAST MILTON SQUARE), 607330 Milton HPP 1.502.213 \$ 1,201,770 \$ 300,443 Construction: (MA125) Boston Region Discretionary INCLUDES PARKING & NEW LANDSCAPED MILTON- DECK RECONSTRUCTION OVER SE Farmark EXPRESSWAY (EAST MILTON SQUARE), 607330 Boston Region Milton 4 HPP 1,251,844 \$ 1,001,475 \$ 250,369 Construction: (MA134) INCLUDES PARKING & NEW LANDSCAPED Discretionary

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## 2019 **Boston Region Transportation Improvement Program** Indicates a change in project cost Indicates removed from TIP (cost not reflected in total) Indicates a project moved in from another TIP element Indicates a project moved out to another TIP element (cost not reflected in total) Indicates a new addition to the TIP (action taken as denoted) Indicates a new funding category MassDOT Funding MassDOT Metropolitan Municipality MassDOT Total Federal Non-Federal Amendment / Adjustment Type ▼ Program ▼ Project ID ▼ Planning 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) other information ► Non-Interstate Pavement MARLBOROUGH- RESURFACING AND 3 NHPP 7,952,256 \$ 1,988,064 Construction 608467 Boston Region Marlborough 9,940,320 \$ Pavement RELATED WORK ON ROUTE 20 Non-Interstate PEABODY- DANVERS- RESURFACING AND 608468 Boston Region Multiple 4 NHPP 11,597,040 \$ 9,277,632 \$ 2,319,408 Construction RELATED WORK ON ROUTE 1 Pavement WESTON- WALTHAM- RESURFACING AND Non-Interstate 608528 Boston Region Multiple 4 NHPP 12.026.560 \$ 9,621,248 \$ 2,405,312 Construction Pavement RELATED WORK ON ROUTE 20 DEDHAM- RECONSTRUCTION & RELATED Non-Interstate 608587 Boston Region Dedham WORK OF BRIDGE STREET (ROUTE 109) AND NHPP 5,424,717 \$ 4,339,774 \$ 1,084,943 Construction Pavement Non-Interstate Pavement subtotal ▶ \$ 38,988,637 \$ 31,190,910 \$ 7,797,727 ◀ 80% Federal + 20% Non-Federal ► Roadway Improvements Roadway WINCHESTER- STORMWATER 46.592 Construction 4 608214 Boston Region Winchester STP \$ 232.960 \$ 186.368 \$ Improvements IMPROVEMENTS ALONG ROUTE 3 CANTON- SHARON- FOXBOROUGH-NORWOOD-WALPOLE- STORMWATER Roadway 420,988 \$ 105,247 Construction 608599 Boston Region Multiple 526,235 \$ Improvements IMPROVEMENTS ALONG ROUTE 1, ROUTE 1A & 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 1,401,701 Construction / Total Project Cost \$9,697,229 / AC YR 1 of 2 608608 Boston Region Braintree NHPP 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 608206 Boston Region Multiple TRAFFIC SIGN REPLACEMENT ON A NHPP 7,195,084 6,475,576 \$ 719,508 Construction Improvements SECTION OF US ROUTE 1 Safety Improvements subtotal ▶ \$ 18,716,875 \$ 16,144,337 \$ 2,572,538 ◀ Funding Split Varies by Funding Source ► ADA Retrofits Project # ADA Retrofits Statewide Multiple Description STP - \$ - \$ ADA Retrofits subtotal ▶ \$ - \$ - \$ - ■ 80% Federal + 20% Non-Federal

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## **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 Metropolitan Municipality MassDOT MassDOT Funding Total Federal Non-Federal Amendment / Adjustment Type ▼ Program ▼ Project ID ▼ Planning Name ▼ Project District ▼ Source ▼ Programmed Funds ▼ Funds ▼ Additional Information V 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 2C / State Prioritized Expansion Projects ▶ Bicycles and Pedestrians Bicycles and BOSTON- BROOKLINE- MULTI-USE PATH 354,144 | Construction / PSAC score 41 607888 Boston Region Multiple CMAQ 1,770,722 \$ 1,416,578 Pedestrians CONSTRUCTION ON NEW FENWAY ACTON- CONCORD- BRUCE FREEMAN RAIL TRAIL CONSTRUCTION, INCLUDES REPLACING BRIDGE C-19-037, RAIL TRAIL Bicycles and 606223 OVER NASHOBA BROOK, NEW BRIDGE C-19-CMAQ 7,596,597 \$ 1,899,149 Construction / PSAC score 31.5 Boston Region 9.495.746 \$ Multiple 4 Pedestrians 039 RAIL TRAIL OVER BOLITE 2 & NEW CULVERT C-19-040, ROUTE 2 OVER WILDLIFE CROSSING (PHASE II-B) BROOKLINE- PEDESTRIAN BRIDGE Construction / Total Project Cost \$3,838,344 w/ additional Bicycles and 606316 Boston Region Brookline REHABILITATION, B-27-016, OVER MBTA OFF CMAO 3,087,238 \$ 2,469,790 \$ Pedestrians funding from earmark at \$751,106 CARLTON STREET Bicycles and Pedestrians subtotal ▶ \$ 11,266,468 \$ 9,013,174 \$ 2,253,294 ◀ 80% Federal + 20% Non-Federal **▶** Capacity Capacity Project # MPO Municipalities Description District CMAQ \$ - \$ - \$ Capacity subtotal ▶ \$ \$ - \$ - ■ Funding Split Varies by Funding Source ► Section 3 / Planning / Adjustments / Pass-throughs ▶ Planning / Adjustments / Pass-throughs Planning / Adjustments Statewide Multiple ABP GANS Repayment Multiple NHPP \$ \$ Project # Pass-throughs Parker River National Wildlife Refuge - Replace Earmark Other FA 1,200,000 \$ 960,000 \$ 240,000 Transfer to Eastern Federal Lands BN0008 Boston Region Newburyport \$ Discretionary Hellcat Trail Boardwalk Other Statewide Items subtotal ▶ \$ 1,200,000 \$ 960,000 \$ ► Section 4 / Non-Federally Aided Projects ▶ Non-Federally Aided Projects Non Federal Aid District NFA \$ Project # Municipalities Description Non-Federal Aid subtotal▶ \$ \$ - ■100% Non-Federal Total of All 2019 Summary 3: ▼ Projects ▼ Total ▶ \$ 140,502,521 \$ Federal Funds ▶ \$ 115,111,416 \$ 115,111,416 ■ Total Federal Spending in Region Non-Federal Funds ▶ \$ 25,391,105 \$ - \$ 25,391,105 ◀ 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 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	ty Line		Federal	State			
FTA Program	Number	Transit Agency	Item	Project Description	Carryover (unobligated)	Funds	Funds	TDC	Local Funds	<b>Total Cost</b>
5307										
	5307 RTD0005466	Cape Ann Transportation Authority	117A00	PREVENTIVE MAINTENANCE	2017 - \$92,000; 2018 - \$450,000	\$542,000	\$0	\$0	\$135,500	\$677,500
	5307 RTD0005470	Cape Ann Transportation Authority		114206 ACQUIRE - SHOP EQ/COMPUTER/SFTWR	2018 - \$44,000	\$44,000	\$11,000	\$0	\$0	\$55,000
	5307 RTD0005471	Cape Ann Transportation Authority		114220 ACQUIRE - MISC SUPPORT EQUIPMENT TERMINAL, INTERMODAL (TRANSIT): Facil.	2018 - \$30,055	\$30,055	\$7,514	\$0	\$0	\$37,569
	5307 RTD0005993	MetroWest Regional Transit Authority		113303 Improvements	2018 - \$150,000	\$150,000	\$37,500	\$0	\$0	\$187,500
	5307 RTD0005994	MetroWest Regional Transit Authority	117C00	NON FIXED ROUTE ADA PARA SERV ACQUISITION OF BUS SUPPORT	2018 - \$1,300,000	\$1,300,000	\$325,000	\$0	\$0	\$1,625,000
	5307 RTD0005995	MetroWest Regional Transit Authority		114200 EQUIP/FACILITIES	2018 - \$248,415	\$248,415	\$62,104	\$0	\$0	\$310,519
	5307 RTD0005996	MetroWest Regional Transit Authority Massachusetts Bay Transportation		440000 Mobility Management	2018 - \$25,000	\$25,000	\$6,250	\$0	\$0	\$31,250
	5307 RTD0006356	Authority (MBTA) Massachusetts Bay Transportation		121200 Revenue Vehicle Program		\$112,000,000	\$0	\$0	\$28,000,000	\$140,000,000
	5307 RTD0006357	Authority (MBTA)		123400 Stations and Facilities Program		\$31,445,210	\$0	\$0	\$7,861,303	\$39,306,513
					Subtotal	\$145,784,680	\$449,368	\$0	\$35,996,803	\$182,230,851
5309										
		Massachusetts Bay Transportation								
	5309 RTD0005979	Authority (MBTA)		132303 Green Line Extension Project	Subtotal	\$150,000,000 \$150,000,000	\$0 \$0	\$0 \$0	\$147,848,038 \$147,848,038	\$297,848,038 \$297,848,038
5310					Subtotal	\$0	\$0	\$0	\$0	\$0
5311										
					Subtotal	\$0	\$0	\$0	\$0	\$0
5337										
		Massachusetts Bay Transportation								
	5337 RTD0006358	Authority (MBTA)		123400 Stations and Facilities Program		\$136,853,672	\$0	\$0	\$34,213,418	\$171,067,090
	5337 RTD0006359	Massachusetts Bay Transportation Authority (MBTA)		124400 System Upgrades Program	2018 - \$8,000,000	\$8,000,000	\$0	\$0	\$2,000,000	\$10,000,000
	3337 KID0000339	Authority (INBTA)		124400 System Opgrades Program	Subtotal	\$144,853,672	\$0	\$0 \$0	\$36,213,418	\$181,067,090
5339										
		Massachusetts Bay Transportation								
	5339 RTD0006360	Authority (MBTA)		111400 Bus Program		\$5,434,322	\$0	\$0	\$1,358,581	\$6,792,903
					Subtotal	\$5,434,322	\$0	\$0	\$1,358,581	\$6,792,903
5320					Subtotal	\$0	\$0	\$0	\$0	\$0
Other Federal										
					Subtotal	\$0	\$0	\$0	\$0	\$0
Other Non-Federal										
Other Non-Federal	RTD0006089	Cape Ann Transportation Authority		111209 BUY REPLACEMENT TROLLEY BUS		\$0	\$900,000	\$0	\$0	\$900,000
					Subtotal	\$0	\$900,000	\$0	\$0	\$900,000
					Total	\$446,072,674	\$1,349,368	\$0	\$221,416,840	\$668,838,882

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

## **Boston Region Transportation Improvement Program** 2020

Indicates a change in project cost
Indicates removed from TIP (cost not reflected in total)

Indicates a project Indicates a new a	addition to the T	IP (action tak									
Indicates a new f	unding category STIP		Materia		Massanor	M DOT	Franklin a	T-4-1	Fadaval	Non Francis	
Adjustment Type ▼	Program ▼	MassDOT Project ID ▼	Metropolitan Planning Organization ▼	Municipality Name ▼	MassDOT Project Description ▼	MassDOT District ▼		Total Programmed Funds ▼	Federal Funds ▼	Non-Federal Funds ▼	Additional Information ▼ <u>Prese</u> <u>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-feder match; g) earmark details; h) TAP project proponent; i) other information
►Section 1A / Regi	onally Prioritized	Projects									
► Regionally Priorit		,									
P regionally r nom	Planning / Adjustments / Pass-throughs	1570	Boston Region	Multiple	GREEN LINE EXTENSION PROJECT- EXTENSION TO COLLEGE AVENUE WITH THE UNION SQUARE SPUR	6	CMAQ	\$ 35,300,000	\$ 28,240,000	\$ 7,060,000	Construction; STP+CMAQ+Section 5309 (Transit) Total MP( Contribution = \$190,000,000; AC Yr 5 of 6; funding flexed to FTA; match provided by local contributions
	Roadway reconstruction program	604123	Boston Region	Ashland	ASHLAND- RECONSTRUCTION ON ROUTE 126 (POND STREET), FROM THE FRAMINGHAM T.L. TO THE HOLLISTON T.L.	3	CMAQ	\$ 1,000,000	\$ 800,000	\$ 200,000	Construction; STP+CMAQ+TAP Total Cost = \$14,636,338; MPO Evaluation Score = 54
	Roadway reconstruction program	604123	Boston Region	Ashland	ASHLAND- RECONSTRUCTION ON ROUTE 126 (POND STREET), FROM THE FRAMINGHAM T.L. TO THE HOLLISTON T.L.	3	TAP	\$ 2,106,481	\$ 1,685,185	\$ 421,296	Construction; STP+CMAQ+TAP Total Cost = \$14,636,338; MPO Evaluation Score = 54; TAP project proponent = Ashlar
	Roadway reconstruction program	604123	Boston Region	Ashland	ASHLAND- RECONSTRUCTION ON ROUTE 126 (POND STREET), FROM THE FRAMINGHAM T.L. TO THE HOLLISTON T.L.	3	STP	\$ 11,529,857	\$ 9,223,886	\$ 2,305,971	Construction; STP+CMAQ+TAP Total Cost = \$14,636,338; MPO Evaluation Score = 54
	Roadway reconstruction program	602077	Boston Region	Lynn	LYNN- RECONSTRUCTION ON ROUTE 129 (LYNNFIELD STREET), FROM GREAT WOODS ROAD TO WYOMA SQUARE	4	CMAQ	\$ 1,000,000	\$ 800,000	\$ 200,000	Construction; CMAQ+STP Total Cost = \$4,755,714; MPO Evaluation Score = 38
	Roadway reconstruction program	602077	Boston Region	Lynn	LYNN- RECONSTRUCTION ON ROUTE 129 (LYNNFIELD STREET), FROM GREAT WOODS ROAD TO WYOMA SQUARE	4	STP	\$ 3,755,714	\$ 3,004,571	\$ 751,143	Construction; CMAQ+STP Total Cost = \$4,755,714; MPO Evaluation Score = 38
	Roadway reconstruction program	602261	Boston Region	Walpole	WALPOLE- RECONSTRUCTION ON ROUTE 1A (MAIN STREET), FROM THE NORWOOD T.L. TO ROUTE 27, INCLUDES W-03-024 OVER THE NEPONSET RIVER	5	CMAQ	\$ 1,000,000	\$ 800,000	\$ 200,000	Construction; STP+CMAQ+TAP Total Cost = \$17,390,216; MPO Evaluation Score = 51
	Roadway reconstruction program	602261	Boston Region	Walpole	WALPOLE- RECONSTRUCTION ON ROUTE 1A (MAIN STREET), FROM THE NORWOOD T.L. TO ROUTE 27, INCLUDES W-03-024 OVER THE NEPONSET RIVER	5	TAP	\$ 1,858,437	\$ 1,486,750	\$ 371,687	Construction; STP+CMAQ+TAP Total Cost = \$17,390,216; MPO Evaluation Score = 51; TAP project proponent = Walpo
	Roadway reconstruction program	602261	Boston Region	Walpole	WALPOLE- RECONSTRUCTION ON ROUTE 1A (MAIN STREET), FROM THE NORWOOD T.L. TO ROUTE 27, INCLUDES W-03-024 OVER THE NEPONSET RIVER	5	STP	\$ 14,531,779	\$ 11,625,423	\$ 2,906,356	Construction; STP+CMAQ+TAP Total Cost = \$17,390,216; MPO Evaluation Score = 51
	Roadway reconstruction program	606453	Boston Region	Boston	BOSTON- IMPROVEMENTS ON BOYLSTON STREET, FROM INTERSECTION OF BROOKLINE AVENUE & PARK DRIVE TO IPSWICH STREET	6	CMAQ	\$ 1,000,000	\$ 800,000	\$ 200,000	Construction; CMAQ+TAP+STP Total Cost = \$8,214,319; MF Evaluation Score = 58
	Roadway reconstruction program	606453	Boston Region	Boston	BOSTON- IMPROVEMENTS ON BOYLSTON STREET, FROM INTERSECTION OF BROOKLINE AVENUE & PARK DRIVE TO IPSWICH STREET	6	TAP	\$ 812,432	\$ 649,946	\$ 162,486	Construction; CMAQ+TAP+STP Total Cost = \$8,214,319; MF Evaluation Score = 58; TAP project proponent = Boston
	Roadway reconstruction program	606453	Boston Region	Boston	BOSTON- IMPROVEMENTS ON BOYLSTON STREET, FROM INTERSECTION OF BROOKLINE AVENUE & PARK DRIVE TO IPSWICH STREET	6	STP	\$ 6,401,887	\$ 5,121,510	\$ 1,280,377	, Construction; CMAQ+TAP+STP Total Cost = \$8,214,319; MF Evaluation Score = 58
	Roadway reconstruction	606226	Boston Region	Boston	BOSTON- RECONSTRUCTION OF RUTHERFORD AVENUE, FROM CITY SQUARE	6	STP	\$ 7,000,000	\$ 5,600,000	\$ 1,400,000	Construction; TAP+STP Total Cost = \$152,000,000; AC Yr 1

program

TO SULLIVAN SQUARE

5; Total funding in this TIP = \$76,626,515

## 2020 **Boston Region Transportation Improvement Program** Indicates a change in project cost Indicates removed from TIP (cost not reflected in total) Indicates a project moved in from another TIP element Indicates a project moved out to another TIP element (cost not reflected in total) Indicates a new addition to the TIP (action taken as denoted) Indicates a new funding category STIP MassDOT Metropolitan Municipality MassDOT MassDOT Funding Federal Non-Federal Adjustment Type ▼ Program ▼ Project ID ▼ Planning 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 NEEDHAM- NEWTON- RECONSTRUCTION OF Roadway HIGHLAND AVENUE NEEDHAM STREET & Construction; CMAQ+HSIP+TAP+STP Total Cost = reconstruction 606635 Boston Region Multiple CHARLES RIVER BRIDGE, N-04-002, FROM 6 HSIP 2,319,644 \$ 2,087,680 231,964 \$21,434,400; AC Yr 2 of 2; MPO Evaluation Score = 75 WEBSTER STREET (NEEDHAM) TO ROUTE 9 program (NEWTON) NEEDHAM- NEWTON- RECONSTRUCTION OF HIGHLAND AVENUE, NEEDHAM STREET & Roadway Construction; CMAQ+HSIP+TAP+STP Total Cost = reconstruction 606635 Boston Region Multiple CHARLES RIVER BRIDGE N-04-002 FROM 6 STP 8.397.556 \$ 6.718.045 \$ 1.679.511 \$21,434,400; AC Yr 2 of 2; MPO Evaluation Score = 75 WEBSTER STREET (NEEDHAM) TO ROUTE 9 program Regionally Prioritized Projects subtotal ▶ \$ 98,013,787 \$ 78,642,994 \$ 19,370,793 **◄** 80% Federal + 20% Non-Federal ► Section 1A / Fiscal Constraint Analysis Total Regional Federal Aid Funds Programmed ▶ \$ 98,013,787 \$ 15,660 Target Funds Available STP programmed ► \$ 51,616,793 \$ 80,061,875 ■ Max STP 28,445,082 STP available Section 1A instructions: MPO Template Name) Choose Regional Name from dropdown list to populate header and MPO column; Column C) Enter ID from ProjectInfo: Column E) Choose Municipality Name from dropdown list; Column H) Choose the Funding HSIP programmed ▶ \$ 2,319,644 \$ 4,296,710 ◀ Min. **HSIP** 1,977,066 HSIP recommended not met 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 CMAQ programmed ► \$ 39,300,000 \$ 10,741,776 ■ Min. CMAQ (28,558,224) CMAQ recommended met 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 TAP programmed ▶ \$ 4,777,350 \$ 2,929,085 (1,848,265) TAP amount exceeded! not use any other format. Remaining HSIP, CMAQ, and TAP Funds \$ 15.660 ► Section 1B / Earmark or Discretionary Grant Funded Projects ▶ Other Federal Aid Project # Boston Municipalities Description District HPP \$ - \$ - \$ Discretionary Farmark Project # Boston Municipalities Description District HPP \$ - \$ \$ Discretionary Other Federal Aid subtotal ▶ \$ - \$ - \$ ■ Funding Split Varies by Funding Source ► Section 2A / State Prioritized Reliability Projects ▶ Bridge Program / Inspections Bridge Program Project # N/A Multiple Description Multiple NHPP - \$ - \$ Bridge Program / 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

## 2020 **Boston Region Transportation Improvement Program** Indicates a change in project cost Indicates removed from TIP (cost not reflected in total) Indicates a project moved in from another TIP element Indicates a project moved out to another TIP element (cost not reflected in total) Indicates a new addition to the TIP (action taken as denoted) Indicates a new funding category STIP MassDOT Metropolitan Municipality MassDOT MassDOT Funding Total Federal Non-Federal Adjustment Type ▼ Program ▼ Project ID ▼ Planning Project District ▼ Source ▼ Programmed 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 ► Bridge Program / On-System (NHS) STOW- BRIDGE REPLACEMENT, S-29-001, (ST 1,341,312 Construction 62) GLEASONDALE ROAD OVER THE Bridge Program 605342 Boston Region Stow NHPP-On 6,706,560 5,365,248 ASSABET RIVER BOSTON- BRIDGE PRESERVATION, B-16-179, Bridge Program 608614 Boston Region Boston AUSTIN STREET OVER I-93 RAMPS, MBTA 6 NHPP-On 20 606 400 16 485 120 \$ 4 121 280 Construction COMMUTER RAIL AND ORANGE LINE CHELSEA- ROUTE 1 VIADUCT AMENDMENT:Add REHABILITATION (SB/NB) ON C-09-007 & C-09-2,870,000 AC Year 3 of 4, Total Cost \$110,000,000 Bridge Program Boston Region Chelsea 6 NHPP-On 14,350,000 11,480,000 011 BOSTON- BRIDGE REPLACEMENT, B-16-016, AC Year 4 of 6, \$157,546,729; City of Boston Contribution: AMENDMENT:Decrease NORTH WASHINGTON STREET OVER THE Bridge Program Boston Region Boston NHPP-On 15,000,000 12,000,000 3,000,000 \$14,444,195.50; and \$1,837,500 Non-Federal Aid funds = Total Cost BOSTON INNER HARBOR Project Cost: \$174,000,000 Bridge Program / On-System (NHS) subtotal ▶ \$ 45,330,368 \$ 11,332,592 ◀ Funding Split Varies by Funding Source 56.662.960 ► Bridge Program / On-System (Non-NHS) BOXBOROUGH- BRIDGE REPLACEMENT, B-NHPP-Off AC Year 1 of 2. Total Cost \$14,295,000 Bridge Program 608009 Boston Region Boxborough 9,147,500 \$ 7,318,000 1.829.500 18-002, ROUTE 111 OVER I-495 Bridge Program / On-System (Non-NHS) subtotal ▶ \$ 9,147,500 \$ 7,318,000 1.829.500 ■ 80% Federal + 20% Non-Federal ▶ Bridge Program / Systematic Maintenance STONEHAM - DECK REPLACEMENT, S-27-008 AMENDMENT:Add Bridge Program 608865 Boston Region Stoneham NHPP-On 2.640.000 \$ 2,112,000 \$ 528,000 Project MARBLE STREET OVER I-93 NEWTON- WESTWOOD- STEEL AMENDMENT:Add SUPERSTRUCTURE CLEANING (FULL Bridge Program 608609 Boston Region Multiple NHPP-On 2,142,857 \$ 1,714,285 \$ 428.571 Project REMOVAL) AND PAINTING OF 2 BRIDGES: N-12-056 & W-31-006 ESSEX- SUPERSTRUCTURE REPLACEMENT, 608596 E-11-001 (2TV), ROUTE 133\MAIN STREET NHPP-Off 2,400,000 480.000 Bridge Program Boston Region Essex 1,920,000 OVER ESSEX RIVER Bridge Program / Systematic Maintenance subtotal ▶ \$ 5,746,285 \$ 7,182,857 \$ ▶ Interstate Pavement QUINCY- MILTON- BOSTON- INTERSTATE Interstate NHPP 24,264,576 \$ 21,838,118 \$ 2,426,458 Construction / Includes \$540,000 of stormwater improvements 608208 Boston Region Multiple Pavement MAINTENANCE & RELATED WORK ON I-93 21,838,118 \$ Insterstate Pavement subtotal ▶ \$ 24.264.576 \$ 2.426.458 ■ 90% Federal + 10% Non-Federal ► Non-Interstate Pavement FOXBOROUGH- WALPOLE- RESURFACING Non-Interstate 608480 Boston Region Multiple 5 NHPP 8.063.129 \$ 6.450.503 \$ 1.612.626 Construction Pavement AND RELATED WORK ON ROUTE 1 ADJUSTMENT: Change Construction; Project incorporates work planned as part of Non-Interstate CANTON-MILTON-ROADWAY 608484 Boston Region Multiple 6 **NHPP** 15,343,776 \$ 12,275,021 3,068,755 IMPROVEMENTS ON ROUTE 138 607763 (formerly in FFY 2019) CAMBRIDGE- SOMERVILLE- RESURFACING Non-Interstate 608482 Boston Region Multiple 6 NHPP 7,761,096 \$ 6,208,877 \$ 1,552,219 AND RELATED WORK ON ROUTE 28 Pavement Non-Interstate Pavement subtotal ▶ \$ 31,168,001 \$ 24,934,401 \$ 6,233,600 ■ 80% Federal + 20% Non-Federal ► Roadway Improvements MPO N/A STP Description - \$ Project # District \$ - \$ Improvements Roadway Improvements subtotal ▶ \$ - \$ - \$ ■ 80% Federal + 20% Non-Federal

## 2020 **Boston Region Transportation Improvement Program** Indicates a change in project cost Indicates removed from TIP (cost not reflected in total) Indicates a project moved in from another TIP element Indicates a project moved out to another TIP element (cost not reflected in total) Indicates a new addition to the TIP (action taken as denoted) Indicates a new funding category STIP MassDOT Metropolitan Municipality MassDOT MassDOT Funding Total Federal Non-Federal Adjustment Type ▼ Program ▼ Project ID ▼ Planning Project District ▼ Source ▼ Programmed 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 ► Safety Improvements BRAINTREE- HIGHWAY LIGHTING Safety IMPROVEMENTS AT I-93/ROUTE 3 537,745 Construction / Total Project Cost \$9,697,229 / AC YR 2 of 2 608608 Boston Region Braintree 6 NHPP 2,688,726 2,150,981 Improvements INTERCHANGE CANTON- MILTON- RANDOLPH-Safety REPLACEMENT AND REHABILITATION OF 312,791 | Construction / Total Project Cost \$9,434,070 (NHPP + HSIP) 608611 Boston Region Multiple 6 NHPP 3.127.906 2.815.115 \$ Improvements THE HIGHWAY LIGHTING SYSTEM AT THE ROUTE 24/ROUTE 1/I-93 INTERCHANGE CANTON- MILTON- RANDOLPH-Safety REPLACEMENT AND REHABILITATION OF 630,616 | Construction / Total Project Cost \$9,434,070 (NHPP + HSIP) 608611 Boston Region Multiple 6 HSIP 6,306,164 \$ 5,675,548 THE HIGHWAY LIGHTING SYSTEM AT THE Improvements ROUTE 24/ROUTE 1/I-93 INTERCHANGE Safety Improvements subtotal ▶ \$ 12,122,796 \$ 10,641,644 \$ Section 2B / State Prioritized Mode nization Projects ► ADA Retrofits ADA Retrofits Project # MPO Municipalities Description District STP \$ - \$ \$ ADA Retrofits subtotal ▶ \$ - \$ - \$ ■ 80% Federal + 20% Non-Federal ► Intersection Improvements SOMERVILLE- SIGNAL AND INTERSECTION Intersection IMPROVEMENT ON I-93 AT MYSTIC AVENUE 268,800 Construction / PSAC score 68 608562 Boston Region Somerville HSIP 2,688,000 \$ 2,419,200 Improvements AND MCGRATH HIGHWAY (TOP 200 CRASH WATERTOWN- INTERSECTION Construction / PSAC score 56 608564 Boston Region Watertown IMPROVEMENTS AT ROUTE 16 AND GALEN 6 HSIP 2,688,000 2,419,200 268.800 Improvements Intersection Improvements subtotal ▶ \$ 5,376,000 \$ 4,838,400 \$ 537,600 ■ Funding Split Varies by Funding Source ► Intelligent Transportation Systems MPO NHPP Transportation Project # Municipalities Description District Systems ■ 80% Federal + 20% Non-Federal Intelligent Transportation System subtotal ▶ \$ - \$ -\$ ► Roadway Reconstruction MEDFORD- IMPROVEMENTS AT BROOKS Roadway 608835 Medford 4 TAP 1,200,000 \$ 960,000 \$ 240,000 | Construction / TAP project proponent is Medford Boston Region ELEMENTARY SCHOOL (SRTS) Reconstruction SALEM- IMPROVEMENTS AT BATES Roadway 4 TAP 937,500 \$ 750,000 \$ 187,500 Construction / TAP project proponent is Salem 608743 Boston Region Salem Reconstruction ELEMENTARY SCHOOL (SRTS) STOUGHTON - IMPROVEMENTS AT WEST Roadway 445,320 Construction / TAP project proponent is Stoughton 608829 Boston Region 5 TAP 2,226,600 \$ 1,781,280 \$ Stoughton Reconstruction ELEMENTARY SCHOOL (SRTS) Roadway WINCHESTER- IMPROVEMENTS AT VINSON-4 Construction / TAP project proponent is Winchester 608791 Boston Region Winchester TAP \$ 1.666.200 \$ 1.332.960 \$ Reconstruction OWEN ELEMENTARY SCHOOL (SRTS) HOPKINTON- WESTBOROUGH-Roadway Construction / Total Project Cost = \$270,000,000 / AC YR 1 of 6 607977 Boston Region Multiple RECONSTRUCTION OF I-90/I-495 3 NFP 1,000,000 \$ 800,000 \$ 200,000 / PSAC score 49 Reconstruction INTERCHANGE Roadway Reconstruction subtotal ▶ \$ 7.030.300 \$ 5,624,240 \$ 1,406,060 ◀ 80% Federal + 20% Non-Federal

2020 Indicates a chang Indicates removed	e in project cos	t		inspoi	tation Improveme	ent Pr	ograr	n					
ndicates removed ndicates a projec ndicates a projec ndicates a new a	t moved in from t moved out to	nanother TIF another TIP	element element (cost r		n total)								
ndicates a new fu Amendment / Adjustment Type ▼			Metropolitan	Municipality Name ▼	MassDOT Project Description ▼	MassDOT District ▼				Federal Funds ▼		on-Federal Inds ▼	Additional Information ▼ Press 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 entreceiving a transfer; f) name of entity paying the non-state non-fedematch; g) earmark details; h) TAP project proponent; i) other information
Section 2C / State	Prioritized Expan	nsion Projects											
Bicycles and Pede													
	Bicycles and Pedestrians	Project #	MPO	N/A	Description	District	CMAQ	\$	-	\$	- \$	-	
	i edestriaris				Bicycles	and Pedestria	ans subtotal ▶	\$	-	\$ -	. \$	-	■ 80% Federal + 20% Non-Federal
Capacity					·								,
	Capacity	Project #	MPO	Municipalities	Description	District	NHPP	\$	-	\$ -	- \$	-	
						Capa	city subtotal ►	\$	-	\$ -	. \$	-	■ Funding Split Varies by Funding Source
Section 3 / Planni	ng / Adjustments	/ Pass-throug	hs										
Planning / Adjusti	ments / Pass-thro	ughs											
	Planning / Adjustments / Pass-throughs	Project #	Statewide	Multiple	Description	Multiple	NHPP	\$	-	\$	- \$	-	
			'	1	Other	Statewide Ite	ms subtotal ▶	\$	-	\$ -	\$	-	◀ Funding Split Varies by Funding Source
Section 4 / Non-Fe	ederally Aided Pro	piects											
Non-Federally Aid		•											
, , ,	Non Federal Aid	607977	Boston Region	Multiple	HOPKINTON- WESTBOROUGH- RECONSTRUCTION OF I-90/I-495 INTERCHANGE	3	NFA	\$	18,112,483		\$	18,112,483	Construction / Total Project Cost = \$270,000,000 / AC YR 1 / PSAC score 49
						Non-Federal	Aid subtotal▶	\$	18,112,483		\$	18,112,483	◀100% Non-Federal
020 Sumn	nary							TIP 3: ▼		TIP Section 4: ▼		otal of All ojects ▼	
							deral Funds ▶	\$ :	- ,- ,		\$	204,914,450	<ul> <li>▼ Total Spending in Region</li> <li>▼ Total Federal Spending in Region</li> <li>▼ Total Non-Federal Spending in Region</li> </ul>

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.mu.srHighway/Raggers/main.aspxx

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

	Project		FTA Activi		Carryover					
FTA Program	Number	Transit Agency	Item	Project Description	(unobligated)	Federal Funds	State Funds	TDC	Local Funds	<b>Total Cost</b>
5307										
	5307 RTD0005472	Cape Ann Transportation Authority	117A00	PREVENTIVE MAINTENANCE	2019 - \$350,000	\$350,000	\$0	\$0	\$87,500	\$437,50
	5307 RTD0005477	Cape Ann Transportation Authority		114206 ACQUIRE - SHOP EQ/COMP/SFTWR	2019 - \$40,000	\$40,000	\$10,000	\$0	\$0	\$50,00
	5307 RTD0005478	Cape Ann Transportation Authority		114220 ACQUIRE - MISC SUPPORT EQUIPMENT ACQUISITION OF BUS SUPPORT	2019 - \$11,296	\$11,296	\$2,824	\$0	\$0	\$14,12
	5307 RTD0005997	MetroWest Regional Transit Authority		114200 EQUIP/FACILITIES	2019 - \$248,415	\$248,415	\$62,104	\$0	\$0	\$310,51
	5307 RTD0005998	MetroWest Regional Transit Authority		440000 Mobility Management	2019 - \$25,000	\$25,000	\$6,250	\$0	\$0	\$31,25
	5307 RTD0005999	MetroWest Regional Transit Authority	117C00	NON FIXED ROUTE ADA PARA SERV	2019 - \$1,300,000	\$1,300,000	\$325,000	\$0	\$0	\$1,625,00
	5307 RTD0006000	MetroWest Regional Transit Authority Massachusetts Bay Transportation		113303 TERMINAL, INTERMODAL (TRANSIT)	2019 - \$150,000	\$150,000	\$37,500	\$0	\$0	\$187,50
	5307 RTD0006361	Authority (MBTA)  Massachusetts Bay Transportation		121200 Revenue Vehicle Program		\$40,000,000	\$0	\$0	\$10,000,000	\$50,000,00
	5307 RTD0006362	Authority (MBTA)  Massachusetts Bay Transportation		123400 Stations and Facilities Program		\$44,000,000	\$0	\$0	\$11,000,000	\$55,000,000
	5307 RTD0006363	Authority (MBTA)		126301 Systemwide Signals Program		\$61,840,976	\$0	\$0	\$15,460,244	\$77,301,22
	3307 1(120000303	Authority (MBTA)		120501 Systemwide Signals (Togram	Subtotal	\$147,965,687	\$443,678	\$0	\$36,547,744	\$184,957,10
5309										
3303		Massachusetts Bay Transportation								
	5309 RTD0005987	Authority (MBTA)		132303 Green Line Extension Project		\$150,000,000	\$0	\$0	\$147,848,038	\$297,848,03
	3303 1(100003307	Additioney (WBTA)		132303 Green Eine Extension Project	Subtotal	\$150,000,000	\$0	\$0	\$147,848,038	\$297,848,038
5310						, , ,			, , , , , , , , , ,	, . ,,
5310					Subtotal	\$0	\$0	\$0	\$0	\$0
5311					Subtotal	\$0	\$0	\$0	\$0	\$(
5337						**	**	**	**	*
5557		Massachusetta Day Transportation								
	5337 RTD0006364	Massachusetts Bay Transportation		122405 Bridge & Transal Breases		¢34 000 000	\$0	\$0	¢¢ 000 000	\$30,000,00
	5337 KIDUUU0304	Authority (MBTA) Massachusetts Bay Transportation		122405 Bridge & Tunnel Program		\$24,000,000	\$0	ŞU	\$6,000,000	\$30,000,000
	5337 RTD0006365	Authority (MBTA)		123402 Elevator Program		\$48,000,000	\$0	\$0	\$12,000,000	\$60,000,00
	3337 K1D0000303	Massachusetts Bay Transportation		123402 Elevator Flogram		Ş48,000,000	<b>J</b> 0	ŞÜ	\$12,000,000	\$00,000,000
	5337 RTD0006366	Authority (MBTA)		123400 Stations and Facilities Program		\$47,347,989	\$0	\$0	\$11,836,997	\$59,184,986
	3337 1(100000300	Massachusetts Bay Transportation		125400 Stations and Facilities Frogram		Ç47,547,505	70	ÇÜ	J11,030,337	\$55,10 <del>4</del> ,500
	5337 RTD0006367	Authority (MBTA)		124400 System Upgrades Program		\$28,000,000	\$0	\$0	\$7,000,000	\$35,000,000
	3337 11120000307	rationty (instri)		12 1 100 System Opgrades 1 Togram	Subtotal	\$147,347,989	\$0	\$0	\$36,836,997	\$184,184,98
5339						, , , , , ,	**	7.	+,,	7-0-1,-0-1,000
5559		Managhard Day Taylor dation								
	5339 RTD0006368	Massachusetts Bay Transportation		111 400 P Pro pro pro		\$5,552,214	\$0	\$0	\$1,388,053	\$6,940,26
	5339 KIDUUU0308	Authority (MBTA)		111400 Bus Program	Subtotal	\$5,552,214	\$0	\$0	\$1,388,053	\$6,940,26
					Subtotal	\$5,552,214	ŞU	<b>3</b> 0	\$1,500,055	\$0,940,20.
5320							4.0			
					Subtotal	\$0	\$0	\$0	\$0	\$0
Other Federal										
					Subtotal	\$0	\$0	\$0	\$0	\$(
Other Non-Federal										
					Subtotal	\$450,865,890	\$0 \$443,678	\$0 \$0	\$222,620,832	\$673,930,400

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

## **Boston Region Transportation Improvement Program** 2021

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

Indicates a new a Indicates a new f											
Amendment / Adjustment Type ▼	STIP Program ▼	MassDOT Project ID ▼	Metropolitan Planning Organization ▼	Municipality Name ▼	MassDOT Project Description ▼	MassDOT District ▼	Funding Source ▼	Total Programmed Funds ▼	Federal Funds ▼	Non-Federal Funds ▼	Additional Information ▼  Present information as follows, if applicable: a) Planning / Designer.  I 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-feder match; g) earmark details; h) TAP project proponent; i) other information
►Section 1A / Reg	ionally Prioritized	d Projects									
► Regionally Priori	tized Projects	-									
	Roadway reconstruction program	608228	Boston Region	Framingham	FRAMINGHAM- RECONSTRUCTION OF UNION AVENUE, FROM PROCTOR STREET TO MAIN STREET	3	HSIP	\$ 1,509,587	\$ 1,358,628	\$ 150,95	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	\$ 201,27	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	\$ 1,557,78	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	\$ 200,00	Construction; CMAQ+STP Total Cost = \$3,668,437; MPC 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	\$ 533,68	Construction; CMAQ+STP Total Cost = \$3,668,437; MPC 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	\$ 233,97	Construction; HSIP+CMAQ Total Cost = \$3,360,000; MPG 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	\$ 204,05	Construction; HSIP+CMAQ Total Cost = \$3,360,000; MPC Evaluation Score = 63
	Planning / Adjustments / Pass-throughs	BN0009	Boston Region	Multiple	COMMUNITY TRANSPORTATION PROGRAM	NA	CMAQ	\$ 1,000,000	\$ 800,000	\$ 200,00	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	\$ 5,940,00	Construction; STP+CMAQ+Section 5309 (Transit) Total MF Contribution = \$190,000,000; AC Yr 6 of 6; funding flexed of 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	\$ 57,81	Construction; TAP+STP+Earmark Total Cost = \$2,890,888 MPO Evaluation Score = 45; TAP project proponent = Holbrook
	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	\$ 214,90	Construction; TAP+STP+Earmark Total Cost = \$2,890,886 MPO Evaluation Score = 45

## 2021 **Boston Region Transportation Improvement Program**

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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)

adia a	 	funding	category	

Amendment / Adjustment Type ▼	STIP Program ▼	MassDOT Project ID ▼	Metropolitan Planning Organization ▼	Municipality Name ▼	MassDOT Project Description▼	MassDOT District ▼		Tota Prog Fund	grammed	Federal Funds ▼	Non- Fund		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 preceiving 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	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
-	1	1	1	'	Regionally Prio	ritized Projec	cts subtotal <b>&gt;</b>	<b>\$ 1</b> 0	00,298,108	\$ 80,623,418	\$ 1	19,674,690	■ 80% Federal + 20% Non-Federal

## ► Section 1A / Fiscal Constraint Analysis

is; 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 form

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
late header and MPO column; mn H) Choose the Funding Source ater the total amount of funds being	HSIP programmed ▶	\$ 3,849,316	\$ 4,296,710	■ Min. HSIP	\$ 447,394	HSIP recommended not met
lease verify the amount and only f matching an FTA flex, coordinate	CMAQ programmed ►	\$ 32,720,271	\$ 10,741,776	■ Min. CMAQ	\$ (21,978,495)	CMAQ recommended met
- 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

her Federal Aid										
Earmark Discretionary	606226	Boston Region	Municipalities	BOSTON- RECONSTRUCTION OF RUTHERFORD AVENUE, FROM CITY SQUARE TO SULLIVAN SQUARE	6	HPP	\$ 126,970	\$ 101,576	\$ 25,394	Demo ID MA183
Earmark Discretionary	606226	Boston Region	Municipalities	BOSTON- RECONSTRUCTION OF RUTHERFORD AVENUE, FROM CITY SQUARE TO SULLIVAN SQUARE	6	HPP	\$ 8,451,960	\$ 6,761,568	\$ 1,690,392	Demo ID MA210
Earmark Discretionary	606501	Boston Region	Municipalities	HOLBROOK- RECONSTRUCTION OF UNION STREET (ROUTE 139), FROM LINFIELD STREET TO CENTRE STREET/WATER STREET	5	HPP	\$ 1,527,250	\$ 1,221,800	\$ 305,450	Demo ID MA177

Other Federal Aid subtotal ▶ \$ 10,106,180 \$ 8,084,944 \$ 2,021,236 ◀ Funding Split Varies by Funding Source

## **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 / STIP MassDOT Metropolitan Municipality MassDOT MassDOT Funding Total Federal Non-Federal Adjustment Type ▼ Program ▼ Project ID ▼ Planning 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) other ► Section 2A / State Prioritized Reliability Projects ▶ Bridge Program / Inspections Bridge Program Project # MPO Municipalities Description District \$ - \$ Bridge Program / Inspections subtotal ▶ \$ \$ - \$ ■ Funding Split Varies by Funding Source ▶ Bridge Program / Off-System MAYNARD- BRIDGE REPLACMENT, M-10-006 Bridge Program 608637 Boston Region Maynard CARRYING FLORIDA ROAD OVER THE STP-BR-OFF 1,589,840 \$ 1,271,872 \$ 317,968 Construction ASSABET RIVER Bridge Program / Off-System subtotal ▶ \$ 1.589.840 \$ 1,271,872 \$ 317,968 ◀ 80% Federal + 20% Non-Federal ► Bridge Program / On-System (NHS) WILMINGTON - BRIDGE REPLACEMENT, W-AMENDMENT: Move 38.029 (2KV) ST 129 LOWELL STREET OVER Project - (TO 2022) Project moved to FFY 2022 WILMINGTON- BRIDGE REPLACEMENT, W-38-Boston Region Bridge Program 607327 Wilmington 002, ROUTE 38 (MAIN STREET) OVER THE NHPP-On 10,760,960 8,608,768 2,152,192 Construction **B&M RAILROAD** NATICK- BRIDGE REPLACEMENT, N-03-020. ROUTE 27 (NORTH MAIN STREET) OVER AMENDMENT:Add 605313 3 NHPP-On 3.937.600 \$ 984,400 AC Year 1 of 2, Total Cost \$11,880,000 Bridge Program **Boston Region** Natick 4.922.000 ROUTE 9 (WORCESTER STREET) AND Project INTERCHANGE IMPROVEMENTS CHELSEA- ROUTE 1 VIADUCT AMENDMENT:Add Bridge Program 605287 Boston Region Chelsea REHABILITATION (SB/NB) ON C-09-007 & C-09-6 NHPP-On 9,000,000 \$ 7,200,000 \$ 1.800.000 AC Year 4 of 4, Total Cost \$110,000,000 Project BOSTON- BRIDGE REPLACEMENT, B-16-016, AC Year 5 of 6, \$157,546,729; City of Boston Contribution: AMENDMENT: Decrease NORTH WASHINGTON STREET OVER THE Bridge Program Boston Region Boston 8 853 294 \$14,444,195.50; and \$1,837,500 Non-Federal Aid funds = e Cost **BOSTON INNER HARBOR** Total Project Cost: \$174,000,000. Bridge Program / On-System (NHS) subtotal ▶ \$ 35,749,577 \$ 28,599,662 \$ 7,149,915 ◀ Funding Split Varies by Funding Source ▶ Bridge Program / On-System (Non-NHS) MIDDLETON- BRIDGE REPLACEMENT, M-20-608522 003, ROUTE 62 (MAPLE STREET) OVER NHPP-Off 3,146,752 \$ 786.688 Construction Bridge Program Boston Region Middletor 3,933,440 \$ **IPSWICH RIVER** ESSEX- SUPERSTRUCTURE REPLACEMENT, E-11-001 (2TV), ROUTE 133\MAIN STREET NHPP-Off Bridge Program 608596 Boston Region Essex 4 028 000 3 222 400 \$ 805 600 Construction OVER ESSEX RIVER BOXBOROUGH- BRIDGE REPLACEMENT, B-1.029.500 Construction / AC Year 2 of 2. Total Cost \$14,295,000 Bridge Program 608009 Boxborough 3 NHPP-Off 5.147.500 4,118,000 \$ Boston Region \$ 18-002 ROUTE 111 OVER I-495 Bridge Program / On-System (Non-NHS) subtotal ▶ \$ 13,108,940 \$ 10,487,152 \$ 2,621,788 ◀ 80% Federal + 20% Non-Federal ▶ Bridge Program / Systematic Maintenance NEWTON- STEEL SUPERSTRUCTURE AMENDMENT:Add Boston Region CLEANING (FULL REMOVAL) AND PAINTING 6 NHPP-On 2,308,000 \$ 1,846,400 \$ 461,600 Bridge Program 608610 Newton Project OF N-12-055 Bridge Program Project # MPO Municipalities Description District NHPP-On - \$ Bridge Program / Systematic Maintenance subtotal ▶ \$ 2,308,000 \$ 1,846,400 \$ 461,600 ■ Funding Split Varies by Funding Source

## **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 / STIP MassDOT Metropolitan Municipality MassDOT MassDOT Funding Total Federal Non-Federal Adjustment Type ▼ Program ▼ Project ID ▼ Planning 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) other ► Interstate Pavement Interstate MPO Multiple NHPP \$ - \$ - \$ Project # Description District Insterstate Pavement subtotal ▶ \$ - \$ - \$ - ■ 90% Federal + 10% Non-Federal ► Non-Interstate Pavement TOPSFIELD- RESURFACING AND RELATED Non-Interstate 608493 Boston Region Topsfield 4 NHPP 9,119,040 \$ 7,295,232 \$ 1,823,808 Construction Pavement WORK ON ROUTE 1 CONCORD- LEXINGTON- LINCOLN-Non-Interstate 608495 Boston Region Multiple RESURFACING AND RELATED WORK ON NHPF 3,171,840 2,537,472 \$ 634.368 Construction Pavement ROUTE 2A HINGHAM- WEMOUTH- BRAINTREE-Non-Interstate Boston Region 608498 Multiple RESURFACING AND RELATED WORK ON 5 NHPP 7,929,600 6,343,680 \$ 1,585,920 Construction Pavement ROUTE 53 Non-Interstate Pavement subtotal ▶ \$ 20,220,480 \$ 16,176,384 \$ 4,044,096 ◀ 80% Federal + 20% Non-Federal ► Roadway Improvements Roadway Project # MPO N/A Description District STP \$ - \$ - \$ Improvements - ■ 80% Federal + 20% Non-Federal - \$ - \$ Roadway Improvements subtotal ▶ \$ Safety Improvements - \$ Project # MPO Multiple Description District \$ - \$ Improvements Safety Improvements subtotal ▶ \$ - \$ - \$ - ■ Funding Split Varies by Funding Source ► Section 2B / State Prioritized Modernization Projects ► ADA Retrofits ADA Retrofits Statewide Multiple STP - \$ - \$ ADA Retrofits subtotal ▶ \$ - \$ ■ 80% Federal + 20% Non-Federal \$ -►Intersection Improvements MARLBOROUGH- IMPROVEMENTS AT Intersection 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 HSIP 2,784,000 2,505,600 \$ 278,400 Construction / PSAC score 61.5 Peabody \$ NORTHSHORE MALL, LORIS ROAD, ROUTE Improvements 128 INTERCHANGE AND ESQUIRE DRIVE MILTON INTERSECTION & SIGNAL ADJUSTMENT: Move IMPROVEMENTS @ ROUTE 28 (RANDOLPH Project moved to FFY 2019 roject - (TO 2019) AVENUE) & CHICKATAWBUT ROAD QUINCY- INTERSECTION IMPROVEMENTS AT Intersection 278,400 | Construction / PSAC score 55 608569 Boston Region Quincy ROUTE 3A (SOUTHERN ARTERY) AND HSIP 2,784,000 2,505,600 Improvements **BROAD STREET** Intersection Improvements subtotal ▶ \$ 8,352,000 \$ 7.516.800 \$ 835,200 ■ Funding Split Varies by Funding Source ►Intelligent Transportation Systems Intelligent Project # NFP Transportation MPO Municipalities Description District \$ Systems Intelligent Transportation System 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 / STIP MassDOT Metropolitan Municipality MassDOT MassDOT Funding Total Federal Non-Federal Adjustment Type ▼ Program ▼ Project ID ▼ Planning 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) other ► Roadway Reconstruction DEDHAM- PEDESTRIAN IMPROVEMENTS Roadway 516,223 | Construction / PSAC score 51.25 607901 Boston Region Dedham ALONG ELM STREET & RUSTCRAFT ROAD 6 CMAO 2,581,113 \$ 2.064.890 \$ Reconstruction CORRIDORS AMENDMENT:Add Roadway BELMONT- IMPROVEMENTS AT 608911 Boston Region Belmont 4 TAP 1,243,750 \$ 995,000 \$ 248,750 WELLINGTON ELEMENTARY SCHOOL (SRTS) Project Reconstruction HOPKINTON- WESTBOROUGH-Roadway Construction / Total Project Cost = \$270,000,000 / AC YR 2 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 / State Prioritized Expansion Projects ▶ Bicycles and Pedestrians WAKEFIELD- LYNNFIELD- RAIL TRAIL Bicvcles and 607329 Boston Region Multiple EXTENSION, FROM THE GALVIN MIDDLE CMAQ 7,084,000 5,667,200 1,416,800 Construction / PSAC score 32.5 Pedestrians SCHOOL TO LYNNFIELD/PEABODY T.L. Bicycles and Pedestrians subtotal ▶ \$ 7,084,000 \$ 5,667,200 \$ 1,416,800 ◀ 80% Federal + 20% Non-Federal ► Capacity Capacity Project # MPO Municipalities Description District CMAQ \$ - \$ - \$ Capacity subtotal ▶ \$ - \$ Funding Split Varies by Funding Source ► Section 3 / Planning / Adjustments / Pass-throughs ▶ Planning / Adjustments / Pass-throughs Planning / Multiple ABP GANS Repayment Multiple NHPF Adjustments Project # Statewide \$ Pass-throughs Other Statewide Items subtotal ▶ \$ - \$ - \$ - ■ Funding Split Varies by Funding Source ► Section 4 / Non-Federally Aided Projects ► Non-Federally Aided Projects HOPKINTON- WESTBOROUGH-Construction / Total Project Cost = \$270,000,000 / AC YR 2 RECONSTRUCTION OF I-90/I-495 Non Federal Aid 607977 Boston Region Multiple NFA \$ 18,112,483 18,112,483 of 6 / PSAC score 49 INTERCHANGE Non-Federal Aid subtotal ▶ \$ 18.112.483 \$ 18.112.483 **◀**100% Non-Federal 2021 Summary TIP Section 1 - TIP Section 4: Total of Al Projects ▼ Total ▶ \$ 240,141,988 \$ 18,112,483 \$ 258,254,471 ◀ Total Spending in Region Federal Funds ▶ \$ 193,333,722 \$ 193,333,722 ◀ Total Federal Spending in Region Non-Federal Funds ► \$ 46,808,266 \$ 18,112,483 \$ 64,920,749 < 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 must be considered and implemented in accordance with 701 CMR 7.00, and the Road Flagger and Police Detail Guidelines. By placing a project on the TIP, the Municipality acknowledges that 701 CMR 7.00 is applicable to its project and design and construction will be fully compliant with this Regulation. This information, and additional information relative to guidance and implementation of the Regulation can be found at the following link on the MassDOT Highway Division website: http://www.massdot.state.ma.us/Highway/flaggers/main.aspx

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

	Project		FTA Activity		Carryover		State			
FTA Program	Number	Transit Agency	Item	Project Description	(unobligated)	Federal Funds	Funds	TDC	Local Funds	Total Cost
5307										
	5307 RTD0005479	Cape Ann Transportation Authority	117A00	PREVENTIVE MAINTENANCE	2020 - \$350,000	\$350,000	\$87,500	\$0	\$0	\$437,50
	5307 RTD0005480	Cape Ann Transportation Authority		114206 ACQUIRE - SHOP EQ/COMP/SFTWR	2020 - \$40,000	\$40,000	\$10,000	\$0	\$0	\$50,00
	5307 RTD0005163	MetroWest Regional Transit Authority		440000 Mobility Management	2020 - \$25,000	\$25,000	\$6,250	\$0	\$0	\$31,25
	5307 RTD0006003		117C00	NON FIXED ROUTE ADA PARA SERV	2020 - \$1,300,000	\$1,300,000	\$325,000	\$0	\$0	\$1,625,00
	5307 RTD0006004	MetroWest Regional Transit Authority		113403 TERMINAL, INTERMODAL (TRANSIT) ACQUISITION OF BUS SUPPORT	2020 - \$150,000	\$150,000	\$37,500	\$0	\$0	\$187,50
	5307 RTD0006005	MetroWest Regional Transit Authority		114200 EQUIP/FACILITIES	2020 - \$248,415	\$248,415	\$62,104	\$0	\$0	\$310,51
		Massachusetts Bay Transportation Authority								
	5307 RTD0006369	(MBTA)		121200 Revenue Vehicle Program		\$120,000,000	\$0	\$0	\$30,000,000	\$150,000,00
		Massachusetts Bay Transportation Authority								
	5307 RTD0006370	(MBTA)		126301 Systemwide Signals Program		\$25,840,976	\$0	\$0	\$6,460,244	\$32,301,22
					Subtotal	\$147,954,391	\$528,354	\$0	\$36,460,244	\$184,942,98
5309										
		Massachusetts Bay Transportation Authority								
	5309 RTD0005988	(MBTA)		132303 Green Line Extension Project		\$146,121,000	\$0	\$0	\$147,848,038	\$293,969,03
					Subtotal	\$146,121,000	\$0	\$0	\$147,848,038	\$293,969,03
5310					Subtotal	\$0	\$0	\$0	\$0	\$(
5311								• •		
5511					Subtotal	\$0	\$0	\$0	\$0	\$(
5337										
		Massachusetts Bay Transportation Authority								
	5337 RTD0006371	(MBTA)		122405 Bridge & Tunnel Program		\$96,000,000	\$0	\$0	\$24,000,000	\$120,000,00
		Massachusetts Bay Transportation Authority								
	5337 RTD0006372	(MBTA)		123400 Stations and Facilities Program		\$35,347,989	\$0	\$0	\$8,836,997	\$44,184,98
		Massachusetts Bay Transportation Authority								
	5337 RTD0006373	(MBTA)		124400 System Upgrades Program		\$16,000,000	\$0	\$0	\$4,000,000	\$20,000,000
						\$147,347,989	\$0	\$0	\$36,836,997	\$184,184,98
					Subtotal	\$147,547,565	ŞŪ	ŞU		
5339					Subtotal	Ţ147,347,363	- 50	ŞU		
5339		Massachusetts Bay Transportation Authority			Subtotal	\$147,347,969	30	ŞU		
5339	5339 RTD0006374	Massachusetts Bay Transportation Authority (MBTA)		111400 Bus Program	Subtotal	\$5,552,214	\$0	\$0	\$1,388,053	\$6,940,26
5339	5339 RTD0006374			111400 Bus Program	Subtotal				\$1,388,053 \$1,388,053	\$6,940,26 \$6,940,26
	5339 RTD0006374			111400 Bus Program		\$5,552,214	\$0	\$0		
5320	5339 RTD0006374			111400 Bus Program		\$5,552,214	\$0	\$0		
	5339 RTD0006374			111400 Bus Program	Subtotal	\$5,552,214 \$5,552,214	\$0 \$0	\$0 \$0	\$1,388,053	\$6,940,26 \$
5320 Other Federal	5339 RTD0006374			111400 Bus Program	Subtotal	\$5,552,214 \$5,552,214 \$0	\$0 \$0	\$0 \$0 \$0	\$1,388,053	\$6,940,26
5320	5339 RTD0006374			111400 Bus Program	Subtotal	\$5,552,214 \$5,552,214 \$0	\$0 \$0	\$0 \$0 \$0	\$1,388,053	\$6,940,26

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

## **Boston Region Transportation Improvement Program** 2022

Indicates a change in project cost Indicates removed from TIP (cost not reflected in total)

Indicates a project	ct moved in fro	om another T	IP element		15. ( )								
Indicates a project Indicates a new a					d in total)								
Indicates a new f				,,,									
Amendment / Adjustment Type ▼	STIP Program ▼			Municipality Name ▼	Project	MassDOT District ▼			grammed	Federal Funds ▼	Non-Federal Funds ▼	Additional Information ▼ Present	
			Organization ▼		Description <b>▼</b>			Funds ▼				<u>information as follows, if applicable</u> ; a) Planning / Design / or Construction; b) total project cost and funding sources used; c) advan construction status; d) MPO project score; e) name of entity receiving 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	onally Prioritize	d Projects											
► Regionally Priorit	tized Projects												
P Regionally Priorit	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	
	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	

## 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 Funding MassDOT Metropolitan MassDOT Total Federal Non-Federal Amendment / STIP Municipality 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 information CHELSEA- RECONSTRUCTION ON Roadway Construction: CMAQ+STP Total Cost = \$9.028.628: MPO BROADWAY (ROUTE 107), FROM CITY HALL 6 8.028.628 \$ 6.422.902 \$ 1.605.726 reconstruction 608078 Boston Region Chelsea STP Evaluation Score = 61 AVENUE TO THE REVERE C.L. program ACTON- INTERSECTION & SIGNAL Roadway IMPROVEMENTS AT KELLEY'S CORNER. Construction: CMAQ+TAP+STP Total Cost = \$8.671.000; MPO reconstruction 608229 Boston Region Acton 3 CMAQ 1,000,000 800,000 200,000 ROUTE 111 (MASSACHUSETTS AVENUE) AND Evaluation Score = 45 program ROUTE 27 (MAIN STREET) ACTON- INTERSECTION & SIGNAL Roadway Construction; CMAQ+TAP+STP Total Cost = \$8.671.000; MPO IMPROVEMENTS AT KELLEY'S CORNER, reconstruction 608229 Boston Region Acton 3 TAP 200,000 160,000 40,000 ROUTE 111 (MASSACHUSETTS AVENUE) AND Evaluation Score = 45; TAP project proponent = Acton program ROUTE 27 (MAIN STREET) ACTON- INTERSECTION & SIGNAL Roadway IMPROVEMENTS AT KELLEY'S CORNER, Construction; CMAQ+TAP+STP Total Cost = \$8,671,000; MPO 1,494,200 STP 7,471,000 reconstruction 608229 Boston Region Acton 3 5,976,800 Evaluation Score = 45 ROUTE 111 (MASSACHUSETTS AVENUE) AND program ROUTE 27 (MAIN STREET) MARBLEHEAD- INTERSECTION Roadway Construction; STP Total Cost = \$959,378; MPO Evaluation Score 608146 Boston Region Marblehead IMPROVEMENTS AT PLEASANT STREET & 4 STP 959,378 767,502 \$ 191,876 reconstruction VILLAGE, VINE AND CROSS STREETS program Regionally Prioritized Projects subtotal ▶ \$ 49.716.309 \$ 39.973.047 \$ 9.743.262 ■ 80% Federal + 20% Non-Federal ► Section 1A / Fiscal Constraint Analysis 0 Target Funds Available Total Regional Federal Aid Funds Programmed ► \$ 101,539,859 \$ 101,539,859 | ◀Total Budget | \$ MPO Template Name) Choose Regional Name from dropdown list to populate header and MPO column STP programmed ▶ \$ 57,021,058 \$ 83 572 288 ◀ Max STP 26.551.230 STP available Column C) Enter ID from ProjectInfo; Column E) Choose Municipality Name from dropdown list; Column H) Choose the Funding HSIP programmed ▶ \$ 2,631,724 \$ 4,296,710 ◀ Min. **HSIP** \$ 1,664,986 HSIP recommended not met Source being used for the project - if multiple funding sources are being used enter multiple lines; Column I) Enter the total amount of CMAQ programmed ▶ \$ 22,016,878 \$ 10,741,776 ◀ Min. CMAQ (11,275,102) CMAQ recommended met funds being programmed in this fiscal year and for each funding source; Column J) Federal funds autocalculates. Please verify the TAP programmed ▶ \$ 2,332,990 \$ 2,929,085 ◀ Min. **TAP** 596,095 TAP recommended not met amount and only change if needed for flex. Column K) Non-federal funds autocalculates. Please verify the split/match - if matching an Remaining HSIP, CMAQ, and TAP Funds \$ Ω ► Section 1B / Earmark or Discretionary Grant Funded Projects ► Other Federal Aid Earmark Project # Boston Municipalities Description District HPP - \$ Discretionary Farmark HPP \$ Project # Municipalities Description District Bostor Discretionary Other Federal Aid subtotal ▶ \$ - \$ - \$ Image: Funding Split Varies by Funding Source ► Section 2A / State Prioritized Reliability Projects ▶ Bridge Program / Inspections Bridge Program Project # Statewide Multiple Description Multiple NHPF - \$ 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

## 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 Funding MassDOT Metropolitan MassDOT Total Federal Non-Federal Amendment / STIP Municipality 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 information ► Bridge Program / On-System (NHS) AC Year 6 of 6, Total Cost \$157,546,729; City of Boston AMENDMENT:Add NORTH WASHINGTON STREET OVER THE Contribution: \$14,444,195.50; and \$1,837,500 Non-Federal Aid Boston Region Bridge Program 604173 NHPP-On 13.480.113 \$ 10.784.090 \$ 2.696.023 Boston Funding Source **BOSTON INNER HARBOR** funds = Total Project Cost: \$174,000,000. NATICK- BRIDGE REPLACEMENT, N-03-020, AMENDMENT:Add ROUTE 27 (NORTH MAIN STREET) OVER 1,391,600 AC Year 2 of 2, Total Cost \$11,880,000 Bridge Program 605313 Boston Region Natick 3 NHPP-On 6.958.000 5.566,400 \$ ROUTE 9 (WORCESTER STREET) AND INTERCHANGE IMPROVEMENTS AMENDMENT:Move WILMINGTON- BRIDGE REPLACEMENT, W-38-Bridge Program 608703 Boston Region Wilmington NHPP-On 17,137,840 \$ 13,710,272 \$ 3,427,568 Project - (FROM 2021) 029 (2KV), ST 129 LOWELL STREET OVER I 93 BOSTON- SUPERSTRUCTURE REPAIRS ON B-16-365. BOWKER OVERPASS OVER 19.207.744 Bridge Program Boston Region NHPP-On 24.009.680 STORROW DRIVE (EB) Bridge Program / On-System (NHS) subtotal ▶ \$ 61.585.633 \$ ▶ Bridge Program / On-System (Non-NHS) Bridge Program Project # MPO Municipalities Description District NHPP-Off - \$ - \$ Bridge Program / On-System (Non-NHS) subtotal ▶ \$ - \$ -■ 80% Federal + 20% Non-Federal ▶ Bridge Program / Systematic Maintenance MPO Description NHPP-On Bridge Program Project # Municipalities District - \$ - \$ Bridge Program / Systematic Maintenance subtotal ▶ \$ - \$ \$ ■ Funding Split Varies by Funding Source ► Interstate Pavement FOXBOROUGH- PLAINVILLE- WRENTHAM-Interstate 1,149,792 Construction 608210 Boston Region Multiple FRANKLIN- INTERSTATE MAINTENANCE & NHPP 11,497,920 10,348,128 \$ Pavement RELATED WORK ON I-495 10,348,128 \$ 1,149,792 ◀ 90% Federal + 10% Non-Federal Insterstate Pavement subtotal ▶ \$ 11.497.920 \$ ► Non-Interstate Pavement SALEM- LYNN- RESURFACING AND RELATED Non-Interstate 608817 Boston Region Multiple NHPP 2.566.500 \$ 2,053,200 \$ 513,300 Construction Pavement WORK ON ROUTE 107 DANVERS- RESURFACING AND RELATED Non-Interstate 608818 Boston Region NHPP 1,916,320 1,533,056 \$ 383,264 Construction Danvers WORK ON ROUTE 114 3,586,256 \$ Non-Interstate Pavement subtotal ▶ \$ 4,482,820 \$ ► Roadway Improvements Project # MPO N/A Description 5 STP \$ - \$ - \$ - \$ Roadway Improvements subtotal ▶ \$ - \$ ■ 80% Federal + 20% Non-Federal ► Safety Improvements MPO N/A - \$ - \$ Project # Description Multiple - \$ - ■ Funding Split Varies by Funding Source Safety Improvements subtotal ▶ \$ - \$

2022	Bosto	n Rec	ion Tra	nspoi	rtation Improv	/emer	nt Pr	ograr	n						
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	v funding category  STIP  MassDOT  Program ▼  Project ID ▼  Pla		Metropolitan	Municipality Name ▼	MassDOT Project Description ▼		District ▼ Source ▼		Total Programmed Funds ▼		Federal Funds ▼		Non-Federal Funds ▼		Additional Information ▼ Preser  Information as follows, if applicable: a) Planning / Design / or Construction: b) total project cost and funding sources used; c) adva construction status; d) MPO project score; e) name of entity receiving transfer; f) name of entity paying the non-state non-federal match; g) earmark details; h) TAP project proponent; l) other information
Section 2B / State	e Prioritized Mo	dernization Pr	ojects												
► ADA Retrofits	ADA Retrofits	Project #	MPO	Municipalities	Description		District	STP	\$		\$		\$		
		,						fits subtotal ▶	\$	_	·		ļ.		■ 80% Federal + 20% Non-Federal
► Intersection Impr	ovements					<u> </u>			-						
	Intersection Improvements	Project #	MPO	Municipalities	Description		District	HSIP	\$	-	\$	-	\$	-	
						Intersection In	nproveme	nts subtotal <b>&gt;</b>	\$	-	\$	-	\$	-	■ Funding Split Varies by Funding Source
► Intelligent Transp	Transportation	Project #	MPO	Municipalities	Description		District	NFP	\$	-	\$	-	\$	-	
	Cuntomo	_			Intellig	ent Transport	ation Syst	em subtotal ▶	\$	-	\$	-	\$	-	■ 80% Federal + 20% Non-Federal
► Roadway Recons	truction														
	Roadway Reconstruction	607977	Boston Region	Multiple	HOPKINTON- WESTBOROUGH- RECONSTRUCTION OF I-90/I-495 INTERCHANGE		3	NFP	\$	25,266,061	\$	20,212,849	\$	5,053,212	Construction / Total Project Cost = \$270,000,000 / AC YR 3 of PSAC score 49
	Roadway Reconstruction	607977	Boston Region	Multiple	HOPKINTON- WESTBOROUGH- RECONSTRUCTION OF I-90/I-495 INTERCHANGE		3	NHPP	\$	12,233,939	\$	9,787,151	\$	2,446,788	Construction / Total Project Cost = \$270,000,000 / AC YR 3 of PSAC score 49
			1			Roadway Ro	econstruct	ion subtotal ►	\$	37,500,000	\$	30,000,000	\$	7,500,000	■ 80% Federal + 20% Non-Federal
► Section 2C / State	e Prioritized Ex	pansion Projec	cts												
► Bicycles and Ped					·		•								_
	Bicycles and Pedestrians	Project #	MPO	N/A	Description	Piavalaa ===	District	CMAQ ans subtotal ▶	\$	-	\$	-	\$	-	■ 80% Federal + 20% Non-Federal
► Capacity						bicycles and	redestria	ans subtotal ►	1 4	-	φ	-	ф	-	■ 00% Federal + 20% Non-Federal
- Capacity	Capacity	Project #	MPO	Municipalities	Description		District	CMAQ	\$	-	\$	-	\$	-	
			1				Capac	city subtotal ▶	\$	-	\$		\$	-	■ Funding Split Varies by Funding Source

2022	Bosto	n Rec	aion Tra	nspor	tation Improve	ement Pr	ograr	n			
ndicates a chang ndicates remove ndicates a project ndicates a new a ndicates a new f	ge in project co ed from TIP (co ct moved in fro ct moved out to addition to the	ost ost not reflect om another To another TI TIP (action t	eted in total) FIP element P element (cost	not reflected							
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) advanc construction status; d) MPO project score; e) name of entity receiving a transfer; f) name of entity paying the non-state non-federal match; g) earmark details; h) TAP project proponent; i) other information
Section 3 / Plann	ing / Adjustmen	ts / Pass-thro	ughs								
► Planning / Adjust	tments / Pass-th	roughs									
	Planning / Adjustments / Pass-throughs	Project #	Statewide	Multiple	Description	Multiple	NHPP	\$ -	\$ -	\$ -	
	, ,	_			l	Other Statewide Ite	ms subtotal ▶	\$ -	\$ -	\$ -	■ Funding Split Varies by Funding Source
Section 4 / Non-F	Federally Aided F	Projects									
► Non-Federally Ai		,									
, , , , , , , , , , , , , , , , , , ,	Non Federal Aid	607977	Boston Region	Multiple	HOPKINTON- WESTBOROUGH- RECONSTRUCTION OF I-90/I-495 INTERCHANGE	3	NFA	\$ 18,112,483		\$ 18,112,483	Construction / Total Project Cost = \$270,000,000 / AC YR 3 of 6 PSAC score 49
						Non-Federal	Aid subtotal▶	\$ 18,112,483		\$ 18,112,483	◀100% Non-Federal
2022 Sumr	mary							TIP Section 1 - 3: ▼	TIP Section 4: ▼	Total of All Projects ▼	
							deral Funds ▶	\$ 133,175,938		\$ 133,175,938	<ul><li>■ Total Spending in Region</li><li>■ Total Federal Spending in Region</li><li>■ Total Non-Federal Spending in Region</li></ul>

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.mu.srHighway/flaggers/main.aspxx

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

	Project		FTA Activity		Carryover		State			
FTA Program	Number	Transit Agency	Item	Project Description	(unobligated)	Federal Funds	Funds	TDC L	ocal Funds	Total Cost
5307										
	5307 RTD0006090	Cape Ann Transportation Authority	117A00	PREVENTIVE MAINTENANCE	2021 - \$325,000	\$325,000	\$0	\$0	\$81,250	\$406,250
	5307 RTD0006091	Cape Ann Transportation Authority		114206 ACQUIRE - SHOP EQUIPMENT	2021 - \$40,000	\$40,000	\$10,000	\$0	\$0	\$50,000
	5307 RTD0006299	MetroWest Regional Transit Authority	117C00	NON FIXED ROUTE ADA PARA SERV ACQUISITION OF BUS SUPPORT	2021 - \$1,300,000	\$1,300,000	\$325,000	\$0	\$0	\$1,625,000
	5307 RTD0006300	MetroWest Regional Transit Authority		114200 EQUIP/FACILITIES	2021 - \$248,415	\$248,415	\$62,104	\$0	\$0	\$310,519
	5307 RTD0006301	MetroWest Regional Transit Authority		113403 TERMINAL, INTERMODAL (TRANSIT)	2021 - \$150,000	\$150,000	\$37,500	\$0	\$0	\$187,500
	5307 RTD0006302	MetroWest Regional Transit Authority  Massachusetts Bay Transportation Authority	<b>v</b>	440000 Mobility Management	2021 - \$25,000	\$25,000	\$6,250	\$0	\$0	\$31,250
	5307 RTD0006375	(MBTA) Massachusetts Bay Transportation Authority	V	121200 Revenue Vehicle Program		\$80,000,000	\$0	\$0	\$20,000,000	\$100,000,000
	5307 RTD0006376	(MBTA)	,	126301 Systemwide Signals Program		\$65,840,976	\$0	\$0	\$16,460,244	\$82,301,220
		,		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Subtotal	\$147,929,391	\$440,854	\$0	\$36,541,494	\$184,911,739
5309					Subtotal	\$0	\$0	\$0	\$0	\$0
5310					Subtotal	\$0	\$0	\$0	\$0	\$0
5311					Subtotui	, , , , , , , , , , , , , , , , , , ,				
5511					Subtotal	\$0	\$0	\$0	\$0	\$0
5337										
	5337 RTD0006377	Massachusetts Bay Transportation Authority (MBTA) Massachusetts Bay Transportation Authority		122405 Bridge & Tunnel Program		\$72,000,000	\$0	\$0	\$18,000,000	\$90,000,000
	5337 RTD0006378	(MBTA) Massachusetts Bay Transportation Authority Massachusetts Bay Transportation Authority		123400 Stations and Facilities Program		\$11,347,989	\$0	\$0	\$2,836,997	\$14,184,986
	5337 RTD0006379	(MBTA)	,	126301 Systemwide Signals Program		\$64,000,000	\$0	\$0	\$16,000,000	\$80,000,000
					Subtotal	\$147,347,989	\$0	\$0	\$36,836,997	\$184,184,986
5339										
		Massachusetts Bay Transportation Authority	y							
	5339 RTD0006380	(MBTA)		111400 Bus Program		\$5,552,214	\$0	\$0	\$1,388,053	\$6,940,267
					Subtotal	\$5,552,214	\$0	\$0	\$1,388,053	\$6,940,267
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	\$300,829,594	\$440,854	\$0	\$74,766,544	\$376,036,992
					iotai	\$300,829,594	3440,854	ŞU	\$74,700,544	\$370,030,992

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