CHAPTER THREE

Summary of Highway and Transit Programming

This chapter contains the TIP tables, a listing of all the projects and programs funded with federal highway and transit funding in the Boston region during federal fiscal years (FFYs) 2019–23 (Tables 3-2 to 3-7). These tables are also included as part of the State Transportation Improvement Program (STIP). Section 1A of the TIP tables (Table 3-2) includes the regionally prioritized projects funded during a given federal fiscal year. The other sections of the table (sections 1B, 2A, 2B, 2C, 3, and 4) list the following:

- Projects funded with earmarks or discretionary grant funds
- State prioritized bridge, pavement maintenance, safety improvements, retrofits for accessibility (as required by the Americans with Disabilities Act), intersection improvements, roadway reconstruction, and bicycle and pedestrian projects
- Projects funded by sources other than federal aid

Tables 3-3 to 3-7 include the funding for the MBTA, MWRTA, and CATA.

The Boston Region MPO has the discretion to allocate its share of funds from the Federal-Aid Highway Program—the MPO's Regional Targets—to projects identified as regional priorities as it sees fit. However, the allocation of those funds is constrained by projections of available federal aid. As shown in Table 3-1 below, the MPO has programmed its discretionary funds within the limits of projected funding for highway funding programs. As such, the FFYs 2019–23 TIP Regional Target Program complies with financial constraint requirements.

TABLE 3-1
BOSTON REGION MPO REGIONAL TARGET PROGRAM
MPO DISCRETIONARY FUNDS SOURCED FROM THE FEDERAL-AID HIGHWAY PROGRAM
(INCLUDING STATE MATCHING FUNDS, BUT EXCLUDING EARMARKED FUNDS)

Regional Target Program	FFY 2019	FFY 2020	FFY 2021	FFY 2022	FFY 2023	Total
Regional Target Obligation Authority	\$98,794,261	\$102,478,656	\$104,552,877	\$106,681,829	\$109,011,849	\$521,519,472
Regional Target Programmed	\$97,126,008	\$102,478,644	\$104,439,292	\$106,584,303	\$104,915,914	\$515,544,161
Regional Target Funds Unprogrammed	\$1,668,253	\$12	\$113,585	\$97,526	\$4,095,935	\$5,975,311

The second part of the chapter includes detailed descriptions of projects, including evaluation ratings (for projects funded by the MPO's Regional Target Program), length of roadway to be improved, and funding details. The pages are organized alphabetically by municipality.

2019 **Boston Region Transportation Improvement Program** MassDOT Metropolitan Municipality Name | MassDOT MassDOT Non-Federal Adjustment Type ▼ Program ▼ Project ID ▼ Planning Source ▼ Funds ▼ Funds ▼ Additional Information ▼ Project Programmed 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 Construction; STP+CMAQ+Section 5309 (Transit) Total GREEN LINE EXTENSION PROJECT- EXTENSION TO COLLEGE MPO Contribution = \$190,000,000: AC Yr 4 of 6: 1570 Boston Region Multiple CMAQ 28,184,400 \$ 22,547,520 \$ Adjustments funding flexed to FTA; match provided by local AVENUE WITH THE UNION SQUARE SPUR Pass-throughs contributions Planning / GREEN LINE EXTENSION PROJECT- EXTENSION TO COLLEGE MPO Contribution = \$190,000,000; AC Yr 4 of 6; 1570 Boston Region Multiple 28.184.400 22,547,520 \$ 5,636,880 Adjustments funding flexed to FTA; match provided by local AVENUE WITH THE UNION SQUARE SPUR ass-through NEEDHAM-NEWTON- RECONSTRUCTION OF HIGHLAND AVENUE, Construction; CMAQ+HSIP+TAP+STP Total Cost = Roadway 606635 Boston Region Multiple NEEDHAM STREET & CHARLES RIVER BRIDGE, N-04-002, FROM CMAQ 3.500,000 \$ 2 800 000 \$ 700 000 \$26.883,332; AC Yr 1 of 2; MPO Evaluation Score = 75 econstruction WEBSTER STREET (NEEDHAM) TO REOUT 9 (NEWTON) NEEDHAM-NEWTON- RECONSTRUCTION OF HIGHLAND AVENUE Construction: CMAQ+HSIP+TAP+STP Total Cost = 606635 Boston Region Multiple NEEDHAM STREET & CHARLES RIVER BRIDGE, N-04-002, FROM 2,875,199 2,587,679 \$ \$26,883,332; AC Yr 1 of 2; MPO Evaluation Score = 75 Reconstruction WEBSTER STREET (NEEDHAM) TO REOUT 9 (NEWTON) NEEDHAM-NEWTON- RECONSTRUCTION OF HIGHLAND AVENUE, Construction; CMAQ+HSIP+TAP+STP Total Cost = Roadway 606635 Boston Region Multiple NEEDHAM STREET & CHARLES RIVER BRIDGE, N-04-002, FROM 5.519.974 \$ 4.415.979 \$ 1.103.995 \$26,883,332; AC Yr 1 of 2; MPO Evaluation Score = 75 WEBSTER STREET (NEEDHAM) TO REOUT 9 (NEWTON) NEEDHAM-NEWTON- RECONSTRUCTION OF HIGHLAND AVENUE. Construction; CMAQ+HSIP+TAP+STP Total Cost = Roadway 606635 Boston Region Multiple NEEDHAM STREET & CHARLES RIVER BRIDGE, N-04-002, FROM 1,546,493 \$ 1,237,194 \$ \$26,883,332; AC Yr 1 of 2; MPO Evaluation Score = Reconstruction WEBSTER STREET (NEEDHAM) TO REOUT 9 (NEWTON) 75: TAP Proponent = MassDOT NATICK- RECONSTRUCTION OF ROUTE 27 (NORTH MAIN STREET), Construction; CMAQ+TAP+STP Total Cost = Roadway 605034 Boston Region Natick CMAQ 2.415.334 \$ 1.932.267 \$ 483.067 Reconstruction FROM NORTH AVENUE TO THE WAYLAND T.L. \$12,081,464; MPO Evaluation Score = 60 NATICK- RECONSTRUCTION OF ROUTE 27 (NORTH MAIN STREET) Construction: CMAQ+TAP+STP Total Cost = 6.677.758 \$ 1.669.439 605034 Boston Region Natick 8.347.197 \$ \$12.081.464: MPO Evaluation Score = 60 FROM NORTH AVENUE TO THE WAYLAND T.L. Construction; CMAQ+TAP+STP Total Cost = NATICK- RECONSTRUCTION OF ROUTE 27 (NORTH MAIN STREET) Roadway \$12.081.464: MPO Evaluation Score = 60: TAP FROM NORTH AVENUE TO THE WAYLAND T.L. Reconstruction Proponent = MassDOT HOPEDALE- MILFORD- RESURFACING & INTERSECTION IMPROVEMENTS ON ROUTE 16 (MAIN STREET), FROM WATER STREET WEST TO APPROXIMATELY 120 FEET WEST OF THE Construction: CMAQ+HSIP Total Cost = \$2.967.944: Roadway 607428 Boston Region Multiple 1,000,000 \$ 800,000 \$ 200,000 MPO Evaluation Score = 54 Reconstruction MILFORD/HOPEDALE T.L AND THE INTERSECTION OF ROUTE 140 HOPEDALE- MILFORD- RESURFACING & INTERSECTION Roadway IMPROVEMENTS ON ROUTE 16 (MAIN STREET), FROM WATER Construction: CMAQ+HSIP Total Cost = \$2,967,944: 1.771.150 \$ 607428 Boston Region Multiple 1.967.944 \$ 196.794 Reconstruction STREET WEST TO APPROXIMATELY 120 FEET WEST OF THE MPO Evaluation Score = 54 MILFORD/HOPEDALE T.L AND THE INTERSECTION OF ROUTE 140 Construction; STP+Earmark Total Cost = \$25,315,588 Roadway 605789 Boston Region BOSTON- RECONSTRUCTION OF MELNEA CASS BOULEVARD STP 7,871,248 \$ 6,296,998 \$ 1,574,250 MPO Evaluation Score = 59 Reconstruction

Boston Region Transportation Improvement Program 2019 MassDOT Metropolitan Municipality Name | MassDOT MassDOT Non-Federal Adjustment Type ▼ Program ▼ Project ID ▼ Planning District ▼ Source ▼ Funds ▼ Funds ▼ Additional Information ▼ Project Programmed Organization ▼ Funds ▼ Present information as follows, if applicable: a) Planning sources used: c) advance construction status: d) MPO project core; 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 BEVERLY-INTERSECTION IMPROVEMENTS @ 3 LOCATIONS: CABOT STREET (ROUTE 1A/97) @ DODGE STREET (ROUTE 1A) Construction; HSIP+CMAQ Total Cost = \$4,394,886; Adjustments / 608347 Boston Region COUNTY WAY, LONGMEADOW ROAD & SCOTT STREET, MCKAY CMAQ 1.520.271 \$ 1.216.217 \$ 304.054 MPO Evaluation Score = 63 Pass-throughs STREET @ BAI CH STREET & VETERANS MEMORIAI BRIDGE ROUTE 1A) AT RANTOUL, CABOT, WATER & FRONT STREETS BEVERLY-INTERSECTION IMPROVEMENTS @ 3 LOCATIONS: CABOT STREET (ROUTE 1A/97) @ DODGE STREET (ROUTE 1A) Planning / Construction: HSIP+CMAQ Total Cost = \$4,394,886: Adjustments / 608347 Boston Region COUNTY WAY, LONGMEADOW ROAD & SCOTT STREET, MCKAY 2,874,615 2,587,154 \$ STREET @ BAI CH STREET & VETERANS MEMORIAL BRIDGE (ROUTE 1A) AT RANTOUL, CABOT, WATER & FRONT STREETS Regionally Prioritized Projects subtotal ▶ \$ 92,731,122 \$ 74.669.212 \$ 18,061,910 ◀ 80% Federal + 20% Non-Federal Total Regional Federal Aid Funds Programmed ▶ \$ 97,126,008 \$ 98,794,261 <1 Total Budget \$ 1,668,253 Target Funds Available MPO Template Name) Choose Regional Name from dropdown list to populate header and MPO column; Column C) Enter ID from Projectinfo STP programmed ▶ \$ 49,922,819 \$ 17,390,735 **◀ STP** 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 HSIP programmed ▶ 6,945,982 **◀ HSIP** 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 CMAQ programmed ▶ \$ 36,620,005 \$ 29,296,004 **◄ CMAQ** 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 TAP programmed ▶ \$ 2,865,426 \$ 2,292,341 **◀ TAP** with Rail & Transit Division before programming; Column L) Enter Additional Information as described - please do not use any other format ► Section 1B / Earmark or Discretionary Grant Funded Projects ► Other Federal Aid Construction; HPP 4284 (MA203); STP+Earmarks Earmark 605789 Boston Region Boston BOSTON- RECONSTRUCTION OF MELNEA CASS BOULEVARD 5,007,375 4,005,900 \$ 1,001,475 Total Cost = \$24,792,845 Discretionary nstruction; HPP 756 (MA126); STP+Earmarks Tota Earmark 605789 oston Region Boston BOSTON- RECONSTRUCTION OF MELNEA CASS BOULEVARD 6 HPF 2.703.983 2.163.186 540.79 Cost = \$24,792,845 Discretionary Earmark Construction; (MA154); STP+Earmarks Total Cost = BOSTON- RECONSTRUCTION OF MELNEA CASS BOULEVARD 5.007.375 \$ 605789 Boston Region Boston 6.259.219 \$ 1.251.844 Discretionary \$24,792,845 Construction; (MA194); STP+Earmarks Total Cost = Boston Region Boston BOSTON- RECONSTRUCTION OF MELNEA CASS BOULEVARD Discretionary MILTON- DECK RECONSTRUCTION OVER SE EXPRESSWAY (EAST Farmark Construction; (MA125) 607330 Boston Region MILTON SQUARE), INCLUDES PARKING & NEW LANDSCAPED HPP 1,502,213 1,201,770 \$ 300,443 Discretionary MILTON- DECK RECONSTRUCTION OVER SE EXPRESSWAY (EAST Construction; (MA134) 607330 MILTON SQUARE), INCLUDES PARKING & NEW LANDSCAPED 1.001.475 \$ Boston Region Milton HPP 1.251.844 \$ 250,369 Discretionary Earmark BROOKLINE- PEDESTRIAN BRIDGE REHABILITATION, B-27-016 600,885 \$ 606316 Boston Region Brookline HPP 751.106 \$ 150,221 OVER MBTA OFF CARLTON STREET signal crossing and other safety improvements to Boston Region Other Federal Aid HPP \$ 20,949,502 \$ 16,759,602 \$ 4,189,900 ■ Funding Split Varies by Funding Source Section 2A / State Prioritized Reliability Projects ► Bridge Program / Inspections Boston Region Bridge Inspection - \$ Bridge Program / Inspections subtotal ▶ \$ In Funding Split Varies by Funding Source ▶ Bridge Program / Off-System Bridge Progran oston Region Bridge Program Boston Region Bridge Program / Off-System subtotal ▶ \$ - \$ - \$ - ■ 80% Federal + 20% Non-Federal ► Bridge Program / On-System (NHS) Boston Region NHPP-On Bridge Program Bridge Program Boston Region NHPP-On Boston Region NHPP-On Bridge Program / On-System (NHS) subtotal ▶ \$ ■ Funding Split Varies by Funding Source

2019	Bosto	on Reg	gion Tra	nsportat	ion Improvement Program	1						
Amendment / Adjustment Type ▼	STIP Program ▼	MassDOT Project ID ▼	Metropolitan Planning Organization ▼	Municipality Name ▼	MassDOT Project Description ▼	MassDOT District ▼	Funding Source ▼	Total Programmed Funds ▼	Fede Fund		Non-Federal Funds ▼	Additional Information ▼ Present Information as follows, If applicable: a) Plan / Design / or Construction: b) total project cost and funding sources used; of advance construction status; d) MPO pr socre; o) name of entity receiving a transfer; f) name of er paying the non-state non-federal match; g) earmark detail: TAP project proponent; i) other information
► Bridge Program /	On-System (No	n-NHS)										
	Bridge Program		Boston Region		Bridge Program / On-System (Non-NHS)	I		\$	- \$		\$ -	
					Bridge Program / C	On-System (Non-N	NHS) subtotal ►	- \$	- \$	-	\$ -	■ 80% Federal + 20% Non-Federal
► Bridge Program /	Systematic Mai	ntenance										
	Bridge Program	ı	Boston Region				NHPP-On		\$		\$ -	
		1	1	1	Bridge Program / Sy	stematic Mainten	ance subtotal ►	. \$	- \$	-	\$ -	■ Funding Split Varies by Funding Source
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Interstate Paveme			1		DEADING WAVEFIELD DEGUDEAGNIC AND DUATES WAS AND DU	1					ı	T
	Interstate Pavement	608219	Boston Region	Multiple	READING- WAKEFIELD- RESURFACING AND RLATED WORK ON I- 95	4	NHPP	\$ 4,123,3	392 \$	3,711,053	\$ 412,339	
		1	1	-	1	Insterstate Paver	ment subtotal >	\$ 4,123,3	92 \$	3,711,053	\$ 412,339	■ 90% Federal + 10% Non-Federal
									_			
Non-Interstate Pa	Non-Interstate	T	ı		PEABODY- DANVERS- RESURFACING AND RELATED WORK ON						ı	
	Pavement	608468	Boston Region	Multiple	ROUTE 1	4	NHPP	\$ 11,628,9	900 \$	9,303,120	\$ 2,325,780	
	Non-Interstate Pavement	608493	Boston Region	Topsfield	TOPSFIELD- RESURFACING AND RELATED WORK ON ROUTE 1	4	NHPP	\$ 9,086,0	000 \$	7,268,800	\$ 1,817,200	
	Non-Interstate	600507	Boston Region	Dedham	DEDHAM- RESURFACING AND RELATED WORK ON ROUTE 109	6	NHPP	\$ 5,525,5	503 \$	4,420,402	\$ 1,105,101	
	Pavement	000307	Boston Region	Deditatii		-						4 000/ Fadaral + 200/ Nag Fadaral
					No	n-Interstate Paver	ment subtotal ►	\$ 26,240,4	03 \$	20,992,322	\$ 5,248,081	■ 80% Federal + 20% Non-Federal
Roadway Improv	ements											
	Roadway Improvements		Boston Region		Roadway Improvements			\$	- \$		\$ -	
	Roadway											
	Improvements		Boston Region		Roadway Improvements			\$	- \$	-	\$ -	
	Roadway Improvements		Boston Region		Roadway Improvements			\$	- \$	-	\$ -	
	improvements	1	1		Ro	padway Improvem	nents subtotal ►	\$	- \$	-	\$ -	■ 80% Federal + 20% Non-Federal
									•			·
Safety Improvem	ents	_					1					
	Safety Improvements	608206	Boston Region	Multiple	CHELSEA TO DANVERS- GUIDE AND TRAFFIC SIGN REPLACEMENT ON A SECTION OF US ROUTE 1	4	NHPP	\$ 7,195,0	084 \$	6,475,576	\$ 719,508	
	Safety Improvements	608205	Boston Region	Multiple	READING TO LYNNFIELD- GUIDE AND TRAFFIC SIGN REPLACEMENT ON A SECTION OF I-95 (SR 128)	4	NHPP	\$ 4,513,2	288 \$	4,061,959	\$ 451,329	
	Safety Improvements	608608	Boston Region	Braintree	BRAINTREE: HIGHWAY LIGHTING IMPROVEMENTS AT 1-93/ROUTE 3 INTERCHANGE	6	NHPP	\$ 7,008,5	503 \$	6,307,653	\$ 700,850	
	-1	1	1	1		Safety Improvem	nents subtotal ►	\$ 18,716,8	75 \$	16,845,188	\$ 1,871,688	■ Funding Split Varies by Funding Source

nendment / justment Type ▼	STIP Program ▼	MassDOT Project ID ▼	Metropolitan Planning Organization ▼	Municipality Name ▼	MassDOT Project Description ▼	MassDOT District ▼	Funding Source ▼	Total Programmed Funds ▼	Fede	eral ds ▼	Non-Federal Funds ▼	Additional Information ▼ Present information as follows, if applicable: a) P / Design / or Construction; b) total project cost and functions occured used; c) advance construction status; d) function score; o) name of entity receiving a transfer; f) name of paying the non-state non-federial match; g) seamark det TAP project proponent; i) other information
ection 2B / State	Prioritized Mod	ernization Pro	jects									
DA Retrofits					T	_		1				
	ADA Retrofits ADA Retrofits		Boston Region Boston Region		ADA Retrofits ADA Retrofits			\$ - \$ -	\$	- :	\$ - \$ -	
	ADA Retions	II.	Doston Region		Province	ADA Ret	rofits subtotal >		\$			■ 80% Federal + 20% Non-Federal
tersection Impro												
	Intersection Improvements	608755	Boston Region	Boston	BOSTON- INTERSECTION IMPROVEMENTS AT MORTON STREET AND HARVARD STREET	6	HSIP	\$ 1,500,00	0 \$	1,350,000	\$ 150,000	
	Intersection Improvements	607249	Boston Region	Sudbury	SUDBURY- INTERSECTION IMPROVEMENTS @ ROUTE 20 & LANDHAM ROAD	3	HSIP	\$ 2,152,52	1 \$	1,937,269	\$ 215,252	
		1				ersection Improven	nents subtotal >	\$ 3,652,52	1 \$	3,287,269	\$ 365,252	■ Funding Split Varies by Funding Source
telligent Transpo	ortation System	s										
	Intelligent Transportation Systems		Boston Region		Intelligent Transportation Systems			\$ -	\$		\$ -	
	Intelligent Transportation Systems		Boston Region		Intelligent Transportation Systems			\$ -	\$	-	\$ -	
	Intelligent Transportation Systems		Boston Region		Intelligent Transportation Systems			\$ -	\$	-	\$ -	
			ı		Intelligen	Transportation Sy	stem subtotal >	-	\$	-	\$ -	■ 80% Federal + 20% Non-Federal
oadway Reconst	Roadway		I									
	Reconstruction Roadway		Boston Region		Roadway Reconstruction			\$ -	\$	-	\$ -	
	Reconstruction		Boston Region		Roadway Reconstruction			\$ -	\$	-	\$ -	
	Roadway Reconstruction		Boston Region		Roadway Reconstruction			\$ -	\$	-	\$ -	
	Roadway Reconstruction		Boston Region		Roadway Reconstruction			\$ -	\$	-	\$ -	
					F	oadway Reconstru	iction subtotal >	\$ -	\$	-	\$ -	■ Funding Split Varies by Funding Source
Section 2C / State	Prioritized Exp	ansion Project	s									
Bicycles and Pede	estrians											
	Bicycles and Pedestrians	606223	Boston Region	Multiple	ACTON-COMCORD-BRUCE FREEMAN RAIL. TRAIL CONSTRUCTION, INCLUDES REPLACING BRIDGE C-19-037, RAIL TRAIL OVER NASHOBA BROOK, NEW BRIDGE C-19-039, RAIL TRAIL OVER ROUTE 2 & NEW CULVERT C-19-040, ROUTE 2 OVER WILDLIFE CROSSING (PHASE II-B)	4	CMAQ	\$ 9,196,63	8 \$	7,357,311	\$ 1,839,328	Construction / PSAC score 31.5
	Bicycles and Pedestrians	606316	Boston Region	Multiple	BROOKLINE- PEDESTRIAN BRIDGE REHABILITATION, B-27-016, OVER MBTA OFF CARLTON STREET	6	CMAQ	\$ 2,939,40	4 \$	2,351,523	\$ 587,881	Construction / Total Project Cost \$ \$3,690,510 w/ additional funding from earmark at \$751,106
	Bicycles and Pedestrians		Boston Region		Bicycles and Pedestrians			\$ -	\$	-	\$ -	
		•			В	cycles and Pedes	trians subtotal >	\$ 12,136,042	2 \$	9,708,834	\$ 2,427,208	■ 80% Federal + 20% Non-Federal
apacity												
·	Capacity	1	Boston Region	1	Capacity	1	1	6	S		\$ -	

mendment / djustment 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) Plan / Design / or Construction, b) total project cost and funding sources used, o Javance construction status; d) MPO pri socre, a) name of entity receiving a transfer; f) name of en paying the non-state non-federal match; g) earmark details TAP project proponent; i) other information
Section 3 / Plann	ing / Adjustment	s / Pass-throu	ghs								
Planning / Adjust	ments / Pass-thi	roughs			<u> </u>	,	,			1	
			Boston Region		ABP GANS Repayment	Multiple			\$ -	\$ -	
			Boston Region		ABP GANS Repayment	Multiple		\$ -	\$ -	\$ -	
	Earmark Discretionary	BN0008	Boston Region	Newburyport	Parker River National Wildlife Refuge - Replace Hellcat Trail Boardwalk	4	Other FA	\$ 1,200,000		\$ 240,000	
			Boston Region		Award adjustments, change orders, etc.	Multiple		\$ -	\$ -	\$ -	
			Boston Region		Award adjustments, change orders, etc.	Multiple		\$ -	\$ -	\$ -	
			Boston Region		Award adjustments, change orders, etc.	Multiple			\$ -	T	
			Boston Region		Metropolitan Planning	Multiple		\$ -	\$ -	7	
			Boston Region		Metropolitan Planning	Multiple		\$ -	\$ -	\$ -	
			Boston Region		State Planning and Research Work Program I, (SPR I), Planning	Multiple		\$	s -	\$ -	
			Boston Region		State Planning and Research Work Program II, (SPR II), Research	Multiple		\$	\$ -	\$ -	
			Boston Region		Railroad Crossings	Multiple		\$ -	\$ -	\$ -	
			Boston Region		Railroad Crossings	Multiple		\$ -	\$ -	\$ -	
			Boston Region		Recreational Trails	Multiple		\$ -	\$ -	\$ -	
Section 4 / Non-F		Projects				Other Statewide	nems subtotal I	1,200,000	\$ 960,000	Ψ	
Non-rederally Al	Non Federal Air		Boston Region		Non-Federal Aid			\$ -		s -	
	Non-Federally	u	DUSION REGION	1	INOIPT GUGIAI AIU			φ -		φ -	1
	Aided Projects		Boston Region		Non-Federal Aid			\$ -		\$ -	
			1	'		Non-Feder	al Aid subtotal	\$ -		\$ -	◀100% Non-Federal
2019 Sumi	marv							TIP Section 1 - 3:	TIP Section 4: ▼		
								<u>.'</u>		Projects ▼	
							Total I				■ Total Spending in Region
						F	ederal Funds I	\$ 146,933,479			■ Total Federal Spending in Region
							ederal Funds I	\$ 32,816,378	\$ -		■ 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 applicable to its project and design and construction will be fully compliant with the Regulation. This information, and additional information relative to guidance and implementation to be found at the MassDCT Highway Division website. http://www.massdct.atte.ma.us/Highway/flaggers/main.

nendment / justment Type ▼	STIP Program ▼	MassDOT Project ID ▼	Metropolitan Planning Organization ▼	Municipality Name ▼	MassDOT Project Description ▼		Funding Source ▼	Total Programmed Funds ▼	Federal Funds ▼	Non-Federal Funds ▼	Additional Information ▼ Present information as follows, if applicable: a) Planning / Design / or Construction; b) total project cand funding sources used; c) advance construction status; d) MPO project score; e) name of entity recei a transfer; f) name of entity paying the non-state non federal match; g) earmark details; h) TAP project
											proponent; i) other information
	onally Prioritized Pro	ojects									
Regionally Priorit	Planning / Adjustments / Pass- throughs	1570	Boston Region	Multiple	GREEN LINE EXTENSION PROJECT- EXTENSION TO COLLEGE AVENUE WITH THE UNION SQUARE SPUR	6	CMAQ	\$ 20,031,200	\$ 16,024,960	\$ 4,006,240	Construction; STP+CMAQ+Section 5309 (Trr Total MPO Contribution = \$190,000,000; AC of 6; funding flexed to FTA; match provided local contributions
	Roadway Reconstruction	606635	Boston Region	Multiple	NEEDHAM-NEWTON- RECONSTRUCTION OF HIGHLAND AVENUE, NEEDHAM STREET & CHARLES RIVER BRIDGE, N-04-002, FROM WEBSTER STREET (NEEDHAM) TO REOUT 9 (NEWTON)	6	HSIP	\$ 3,044,110	\$ 2,739,699	\$ 304,411	Construction; CMAQ+HSIP+TAP+STP Total = \$26,883,332; AC Yr 1 of 2; MPO Evaluat Score = 75
	Roadway Reconstruction	606635	Boston Region	Multiple	NEEDHAM-NEWTON- RECONSTRUCTION OF HIGHLAND AVENUE, NEEDHAM STREET & CHARLES RIVER BRIDGE, N-04-002, FROM WEBSTER STREET (NEEDHAM) TO REOUT 9 (NEWTON)	6	STP	\$ 10,397,556	\$ 8,318,045	\$ 2,079,511	Construction; CMAQ+HSIP+TAP+STP Total = \$26,883,332; AC Yr 1 of 2; MPO Evalua Score = 75
	Roadway Reconstruction	606043	Boston Region	Hopkinton	HOPKINTON- SIGNAL & INTERSECTION IMPROVEMENTS ON ROUTE 135	3	CMAQ	\$ 2,365,425	\$ 1,892,340	\$ 473,085	Construction; CMAQ+STP Total Cost = \$8,264,619
	Roadway Reconstruction	606043	Boston Region	Hopkinton	HOPKINTON- SIGNAL & INTERSECTION IMPROVEMENTS ON ROUTE 135	3	STP	\$ 5,899,194	\$ 4,719,355	\$ 1,179,839	Construction; CMAQ+STP Total Cost = \$8,264,619
	Roadway Reconstruction	607652	Boston Region	Everett	EVERETT- RECONSTRUCTION OF FERRY STREET, SOUTH FERRY STREET AND A PORTION OF ELM STREET	4	CMAQ	\$ 1,884,270	\$ 1,507,416	\$ 376,854	Cosntruction; CMAQ+STP+HSIP+TAP Tota = \$16,764,338; MPO Evaluation Score =
	Roadway Reconstruction	607652	Boston Region	Everett	EVERETT- RECONSTRUCTION OF FERRY STREET, SOUTH FERRY STREET AND A PORTION OF ELM STREET	4	HSIP	\$ 1,050,296	\$ 945,266	\$ 105,030	Cosntruction; CMAQ+STP+HSIP+TAP Tota = \$16,764,338; MPO Evaluation Score =
	Roadway Reconstruction	607652	Boston Region	Everett	EVERETT- RECONSTRUCTION OF FERRY STREET, SOUTH FERRY STREET AND A PORTION OF ELM STREET	4	STP	\$ 13,105,360	\$ 10,484,288	\$ 2,621,072	Cosntruction; CMAQ+STP+HSIP+TAP Tota = \$16,764,338; MPO Evaluation Score =
	Roadway Reconstruction	607652	Boston Region	Everett	EVERETT- RECONSTRUCTION OF FERRY STREET, SOUTH FERRY STREET AND A PORTION OF ELM STREET	4	TAP	\$ 724,412	\$ 579,530	\$ 144,882	Cosntruction; CMAQ+STP+HSIP+TAP Tota = \$16,764,338; MPO Evaluation Score = 73 Proponent = Everett
	Roadway Reconstruction	602077	Boston Region	Lynn	LYNN- RECONSTRUCTION ON ROUTE 129 (LYNNFIELD STREET), FROM GREAT WOODS ROAD TO WYOMA SQUARE	4	CMAQ	\$ 1,000,000	\$ 800,000	\$ 200,000	Construction; CMAQ+STP Total Cost: \$4,579,576; MPO Evaluation Score = 3
	Roadway Reconstruction	602077	Boston Region	Lynn	LYNN- RECONSTRUCTION ON ROUTE 129 (LYNNFIELD STREET), FROM GREAT WOODS ROAD TO WYOMA SQUARE	4	STP	\$ 3,579,576	\$ 2,863,661	\$ 715,915	Construction; CMAQ+STP Total Cost \$4,579,576; MPO Evaluation Score = 3
	Roadway Reconstruction	606226	Boston Region	Boston	BOSTON- RECONSTRUCTION OF RUTHERFORD AVENUE, FROM CITY SQUARE TO SULLIVAN SQUARE	6	STP	\$ 7,000,000	\$ 5,600,000	\$ 1,400,000	Construction; NHPP+STP+TAP Total Co \$152,000,000; AC Yr 1 of 5; Total funding i TIP = \$116,626,515; MPO Evaluation Score
	Roadway Reconstruction	604123	Boston Region	Ashland	ASHLAND- RECONSTRUCTION ON ROUTE 126 (POND STREET), FROM THE FRAMINGHAM T.L. TO THE HOLLISTON T.L.	3	CMAQ	\$ 1,000,000	\$ 800,000	\$ 200,000	Construction; STP+CMAQ+TAP Total Co \$14,094,251; MPO Evaluation Score =

mendment / djustment Type ▼	STIP Program ▼	MassDOT Project ID ▼	Metropolitan Planning Organization ▼	Municipality Name ▼	MassDOT Project Description▼		Funding Source ▼	Total Funds	Programmed s ▼	Federal Funds ▼	Non-Federal Funds ▼	Additional Information ▼ Present information as follows, if applicable: a) Planning / Design / or Construction; b) total project and funding sources used: o) advance construction status; d) MPO project score; e) name of entity rece a transfer; f) name of entity paying the non-state nor federal match; g) earmant details; h) TAP project proponent; i) other information
	Roadway Reconstruction	604123	Boston Region	Ashland	ASHLAND- RECONSTRUCTION ON ROUTE 126 (POND STREET), FROM THE FRAMINGHAM T.L. TO THE HOLLISTON T.L.	3	STP	\$	10,987,770	\$ 8,790,21	5 \$ 2,197,554	Construction; STP+CMAQ+TAP Total Cos \$14,094,251; MPO Evaluation Score = 54
	Roadway Reconstruction	604123	Boston Region	Ashland	ASHLAND- RECONSTRUCTION ON ROUTE 126 (POND STREET), FROM THE FRAMINGHAM T.L. TO THE HOLLISTON T.L.	3	ТАР	\$	2,106,481	\$ 1,685,18	5 \$ 421,296	Construction; STP+CMAQ+TAP Total Cos \$14,094,251; MPO Evaluation Score = 54; T Proponent = MassDOT
	Roadway Reconstruction	602261	Boston Region	Walpole	WALPOLE- RECONSTRUCTION ON ROUTE 1A (MAIN STREET), FROM THE NORWOOD T.L. TO ROUTE 27, INCLUDES W-03-024 OVER THE NEPONSET RIVER	5	CMAQ	\$	1,000,000	\$ 800,00	\$ 200,000	Construction; STP+CMAQ+TAP Total Cos \$16,749,233; MPO Evaluation Score = 5
	Roadway Reconstruction	602261	Boston Region	Walpole	WALPOLE- RECONSTRUCTION ON ROUTE 1A (MAIN STREET), FROM THE NORWOOD T.L. TO ROUTE 27, INCLUDES W-03-024 OVER THE NEPONSET RIVER	5	STP	\$	13,890,796	\$ 11,112,63	7 \$ 2,778,159	Construction; STP+CMAQ+TAP Total Cos \$16,749,233; MPO Evaluation Score = 5
	Roadway Reconstruction	602261	Boston Region	Walpole	WALPOLE- RECONSTRUCTION ON ROUTE 1A (MAIN STREET), FROM THE NORWOOD T.L. TO ROUTE 27, INCLUDES W-03-024 OVER THE NEPONSET RIVER	5	ТАР	\$	1,858,437	\$ 1,486,75	371,687	Construction; STP+CMAQ+TAP Total Cos \$16,749,233; MPO Evaluation Score = 51; Proponent = MassDOT
	Roadway Reconstruction	608275	Boston Region	Malden	MALDEN - EXHANGE STREET DOWNTOWN IMPROVEMENT PROJECT	4	CMAQ	\$	1,000,000	\$ 800,00	200,000	Construction; CMAQ+STP Total Cost = \$1,553,760; MPO Evaluation Score = 59
	Roadway Reconstruction	608275	Boston Region	Malden	MALDEN - EXHANGE STREET DOWNTOWN IMPROVEMENT PROJECT	4	STP	\$	553,760	\$ 443,00	3 \$ 110,752	Construction; CMAQ+STP Total Cost = \$1,553,760; MPO Evaluation Score = 59
	·	•	•		Regionally Pri	ioritized Pro	jects subtotal >	\$	102,478,643	\$ 82,392,35	5 \$ 20,086,288	◀ 80% Federal + 20% Non-Federal
ection 1A / Fisc	al Constraint Analy	ysis										
					Total Regional Federal		Programmed ► programmed ►		102,478,643 65,414,012			\$ 13 Target Funds Available
	Section 1A instruc	tions: MPO Templa	te Name) Choose Red	ional Name from d	ropdown list to populate header and MPO column;		. •					
	Column C) Enter ID	from ProjectInfo; Co	lumn E) Choose Mun	cipality Name from	dropdown list; Column H) Choose the Funding Source lines; Column I) Enter the total amount of funds being	HSIP	programmed >	\$	4,094,406	\$ 3,684,96	■ HSIP	
	programmed in this f	iscal year and for eac	ch funding source; Col	umn J) Federal fun	ds autocalculates. Please verify the amount and only		programmed >	\$	28,280,895	\$ 22,624,710	G ← CMAQ	
					fy the split/match - if matching an FTA flex, coordinate with a as described - please do not use any other format.		nrogrammed -	•	1 680 330	¢ 3.7E4.4G	I ⊿ TAD	-
	nali & Hansil DIVISIO	ii peiole bioglammin	y, Column L) Enter A	uuluonai inionnatioi	r as described - please do not use any other format.	TAP	programmed >	\$	4,689,330	\$ 3,751,46	I ◀ TAP	

2020	Boston	Region Trai	nspor <u>t</u>	ation Improvemen	t Pro	gram_				
Amendment / Adjustment Type ▼	STIP Program ▼	MassDOT Metropolitan Project ID ▼ Organization ▼	Municipality Name ▼	MassDOT Project Description ▼	MassDOT	Funding Source ▼	Total Programmed Funds ▼	Federal Funds ▼	Non-Federal Funds ▼	Additional Information ▼ Present information as follows, if applicable: a) Planning / Design / or Construction; b) total project c and funding sources used: c) advance construction status: d) MPO project score: e) name of entity recei a transfer; f) name of entity paying the non-state non- federal match; g) earmark details; h) TAP project proponent; f) other information
► Section 1B / Earm	nark or Discretionar	y Grant Funded Projects								proportent, if other information
► Other Federal Aid		,								
		Boston Region		Other Federal Aid		HPP	\$ -	\$ -	\$ -	
		Boston Region		Other Federal Aid		HPP	\$ -	\$ -	\$ -	
		1	"	0	ther Federa	I Aid subtotal ▶	\$ -	\$ -	\$ -	■ Funding Split Varies by Funding Source
► Section 2A / State	Prioritized Reliabili	ity Projects								
► Bridge Program /	Inspections									
	Bridge Program	Boston Region		Bridge Inspection			\$ -	\$ -	s -	
				Bridge Progr	am / Inspec	tions subtotal 🕨	\$ -	\$ -	\$ -	■ Funding Split Varies by Funding Source
► Bridge Program /	Off-System									<u>. </u>
	Bridge Program	Boston Region		Bridge Program / Off-System			\$ -	7	\$ -	
				Bridge Progr	am / Off-Sy:	stem subtotal >	-	\$ -	\$ -	■ 80% Federal + 20% Non-Federal
► Bridge Program /	On-System (NHS)									
	Bridge Program	Boston Region				NHPP-On				
	Bridge Program	Boston Region				NHPP-On				
	Bridge Program	Boston Region				NHPP-On				
				Bridge Program / O	n-System (N	NHS) subtotal ►	\$ -	\$ -	\$ -	■ Funding Split Varies by Funding Source
► Bridge Program /	On-System (Non-NI-	HS)								
	Bridge Program	Boston Region		Bridge Program / On-Sys	stem (Non-N	NHPP-Off NHS) subtotal ▶	\$ -	\$ - \$ -	\$ - \$ -	■ 80% Federal + 20% Non-Federal
					,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		*	ļ *	T	
► Bridge Program /	Systematic Mainten	ance	1						1	
	Bridge Program	Boston Region		Bridge Program / Systematic Maintenance			\$ -	\$ -	\$ -	
				Bridge Program / Systema	itic Maintena	ance subtotal >	-	\$ -	\$ -	■ Funding Split Varies by Funding Source
► Interstate Paveme	ent						<u>"</u>	•		
	Interstate Pavement	608208 Boston Region	Multiple	QUINCY- MILTON- BOSTON INTERSTATE MAINTENANCE AND RELATED WORK ON I-93	6	NHPP	\$ 24,264,576	\$ 21,838,118	\$ 2,426,458	
		*		Inste	state Paver	ment subtotal >	\$ 24,264,576	\$ 21,838,118	\$ 2,426,458	■ 90% Federal + 10% Non-Federal
► Non-Interstate Pa	vement									
	Non-Interstate Pavement	609101 Boston Region	Peabody	PEABODY- PAVEMENT PRESERVATION AND RELATED WORK ON ROUTE 128	4	NHPP	\$ 4,712,448	\$ 3,769,958	\$ 942,490	
	Non-Interstate Pavement	608480 Boston Region	Multiple	FOXBOROUGH- WALPOLE- RESURFACING AND RELATED WORK ON US ROUTE 1	5	NHPP	\$ 8,036,933	\$ 6,429,546	\$ 1,607,387	
	Non-Interstate Pavement	608482 Boston Region	Multiple	CAMBRIDGE- SOMERVILLE- RESURFACING AND RELATED WORK ON ROUTE 28	6	NHPP	\$ 8,541,312	\$ 6,833,050	\$ 1,708,262	
	Non-Interstate Pavement	608484 Boston Region	Multiple	CANTON- MILTON- RESURFACING AND RELATED WORK ON ROUTE 138	6	NHPP	\$ 17,941,664	\$ 14,353,331	\$ 3,588,333	
	ravement		1		rstate Paver	ment subtotal ▶	\$ 39,232,357	\$ 31,385,886	\$ 7,846,471	■ 80% Federal + 20% Non-Federal
► Roadway Improv	ements									
	Roadway Improvements	Boston Region		Roadway Improvements			\$ -	\$ -	\$ -	
	Roadway Improvements	Boston Region		Roadway Improvements			\$ -	\$ -	\$ -	
	Roadway Improvements	Boston Region		Roadway Improvements			\$ -	\$ -	s -	
	improvements		1	Roadwa	v Improvem	ents subtotal ▶	s -	\$ -	\$ -	■ 80% Federal + 20% Non-Federal

2020	Bostor	า Region Trar	nsport	ation Improvement	t Pro	gram				
Amendment / Adjustment Type ▼	STIP Program ▼	MassDOT Project ID ▼ Planning Organization ▼	Municipality Name ▼	MassDOT Project Description ▼	MassDOT		Total Programmed Funds ▼	Federal Funds ▼	Non-Federal Funds ▼	Additional Information ▼ Present information as follows, if applicable: a) Planning / Design / or Construction: b) total project and funding sources used: c) advance construction status: d) MPO project score: a) name of entity rece a transfer: f) name of entity paying the non-state non federal match; g) earmark details; h) TAP project proponent: i) other information
Safety Improven	nents									
	Safety Improvements	608608 Boston Region	Braintree	BRAINTREE- HIGHWAY LIGHTING IMPROVEMENTS AT I-93/ROUTE 3 INTERCHANGE	6	NHPP	\$ 2,688,726	\$ 2,419,8	53 \$ 268,873	
	Safety Improvements	608611 Boston Region	Multiple	CANTON- MILTON- RANDOLPH- REPLACEMENT AND REHABILITATION OF THE HIGHWAY LIGHTING SYSTEM AT THE ROUTE 24/ROUTE 1/1-93 INTERCHANGE	6	NHPP	\$ 9,434,070	\$ 8,490,6	33 \$ 943,407	
•	Safety Improvements	Boston Region				NHPP				
	improvements			Safet	y Improvem	ents subtotal >	\$ 12,122,796	\$ 10,910,51	6 \$ 1,212,280	■ Funding Split Varies by Funding Source
► Section 2B / Stat	e Prioritized Moder	nization Projects							, , , , , , , , , , , , , , , , , , , ,	
► ADA Retrofits		·								
	ADA Retrofits	Boston Region		ADA Retrofits			\$ -	\$	· \$ -	
	ADA Retrofits	Boston Region		ADA Retrofits			\$ -	\$	· \$ -	
					ADA Retr	ofits subtotal 🕨	\$ -	\$	- \$ -	■ 80% Federal + 20% Non-Federal
► Intersection Impr	ovements									T.
	Intersection Improvements	608562 Boston Region	Somerville	SOMERVILLE- SIGNAL AND INTERSECTION IMPROVEMENT ON 1-93 AT MYSTIC AVENUE AND MCGRATH HIGHWAY (TOP 200 CRASH LOCATION)	4	HSIP	\$ 5,000,000	\$ 4,500,0	\$ 500,000	
	Intersection Improvements	607342 Boston Region	Milton	MILTON- INTERSECTION & SIGNAL IMPROVEMENTS @ ROUTE 28 (RANDOLPH AVENUE) & CHICKATAWBUT ROAD	6	HSIP	\$ 1,531,200	\$ 1,378,0	\$ 153,120	
	Intersection Improvements	607759 Boston Region	Boston	BOSTON- INTERSECTION & SIGNAL IMPROVEMENTS AT THE VFW PARKWAY & SPRING STREET	6	HSIP	\$ 974,815	\$ 877,3	\$4 \$ 97,482	
	Intersection Improvements	Boston Region				HSIP				
	Intersection Improvements	Boston Region				HSIP				
		1		Intersection	n Improvem	ents subtotal >	\$ 7,506,015	\$ 6,755,41	4 \$ 750,602	■ Funding Split Varies by Funding Source
► Intelligent Transp	ortation Systems									
	Intelligent Transportation Systems	Boston Region		Intelligent Transportation Systems			\$ -	\$	\$ -	
	Intelligent Transportation Systems	Boston Region		Intelligent Transportation Systems			\$ -	\$	\$ -	
	Intelligent Transportation Systems	Boston Region		Intelligent Transportation Systems			\$ -	\$	\$ -	
				Intelligent Transp	ortation Sys	stem subtotal >	\$ -	\$	- \$ -	◀ 80% Federal + 20% Non-Federal
► Roadway Recons										
	Roadway Reconstruction	608835 Boston Region	Medford	MEDFORD- IMPROVEMENTS AT BROOKS ELEMENTARY SCHOOL (SRTS)	4	TAP	\$ 1,200,000	\$ 960,0	00 \$ 240,000	
	Roadway Reconstruction	608743 Boston Region	Salem	SALEM- IMPROVEMENTS AT BATES ELEMENTARY SCHOOL (SRTS)	4	TAP	\$ 937,500	\$ 750,0	00 \$ 187,500	
	Roadway Reconstruction	608791 Boston Region	Winchester	WINCHESTER- IMPROVEMENTS AT VINSON- OWEN ELEMENTARY SCHOOL (SRTS)	4	TAP	\$ 1,666,200			
				Roadway	Reconstruc	ction subtotal >	\$ 3,803,700	\$ 3,042,96	0 \$ 760,740	■ Funding Split Varies by Funding Source

mendment / djustment 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; Planning / Design / or Construction, b) total project and funding sources used; c) advance constructio status; d) MPO project score; e) name of entity red transfer; f) name of entity paying the non-state nefederal match, g) earmark details; h) TAP project proponent; i) other information
Section 2C / State	Prioritized Expans	sion Projects										
Bicycles and Ped	estrians											
	Bicycles and Pedestrians	607888	Boston Region	Multiple	BOSTON- BROOKLINE- MULTI-USE PATH CONSTRUCTION ON NEW FENWAY	6	CMAQ	\$ 1,770,		1,416,578		
					Bicycles	and Pedestri	ians subtotal >	\$ 1,770,7	22 \$	1,416,578	\$ 354,144	■ 80% Federal + 20% Non-Federal
0												
- Capacity			1								1	_
	Capacity		Boston Region		Capacity			\$	- \$	-	\$ -	
	Capacity		Boston Region		Capacity			\$	- \$	-	\$ -	
	-	1	1			Capa	acity subtotal	s	- \$		\$ -	■ Funding Split Varies by Funding Sol
Castian 2 / Blanci		Dana dhuacadh	_				,	14	1*		1 *	
	ng / Adjustments /		5									
Planning / Adjusti	ments / Pass-through	ghs										
			Boston Region		ABP GANS Repayment	Multiple			- \$	-	\$ -	
			Boston Region		ABP GANS Repayment	Multiple		\$	- \$	-	\$ -	
			Boston Region		Award adjustments, change orders, etc.	Multiple		\$	- \$	-	\$ -	
			Boston Region		Award adjustments, change orders, etc.	Multiple		\$	- \$	-	\$ -	
			Boston Region		Award adjustments, change orders, etc.	Multiple		\$	- \$	-	\$ -	
			Boston Region		Award adjustments, change orders, etc.	Multiple		\$	- \$	-	\$ -	
			Boston Region		Metropolitan Planning	Multiple		\$	- \$	-	\$ -	
			Boston Region		Metropolitan Planning	Multiple		\$	- \$	-	s -	
			Boston Region		State Planning and Research Work Program I, (SPR I), Planning	Multiple		\$	- \$	-	\$ -	
			Boston Region		State Planning and Research Work Program II, (SPR II), Research	Multiple	7	\$	- \$	-	\$ -	
			Boston Region		Railroad Crossings	Multiple		s	- \$		s -	
			Boston Region		Railroad Crossings	Multiple		\$	- \$		7	
			Boston Region		Recreational Trails	Multiple		\$	- \$			
							ems subtotal ▶		- \$		\$ -	■ Funding Split Varies by Funding So
	ederally Aided Proj	ects										
Non-Federally Aid	ed Projects										or the second se	
	Non Federal Aid		Boston Region		Non-Federal Aid			\$	-		\$ -	
	Non-Federally Aideo	Ė	Boston Region		Non-Federal Aid			\$	-		\$ -	
	1 .	1	1	1		Non-Federa	l Aid subtotal▶	\$	-		\$ -	■100% Non-Federal
2020 Sumn	nary							TIP Section 1 - 3: ▼	TIP Section	on 4: ▼	Total of All Projects ▼	
							Total ►	\$ 191,178,8	00 €		\$ 191,178,809	■ Total 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 to its applicable only to projects where the Municipality is the Awarding Authority. For all projects contained in the TIP, the Commonwealth is the Awarding Authority. Therefore, all projects must be considered and implemented in accordance with 701 CMR 7.00, and the Road Flagger and Police Detail Guidelines. By placing a project on the TIP, the Municipality acknowledges that 701 CMR 7.00 is applicable to its project and design and construction will be fully compliant with this Regulation. This information, and additional information relative to guidance and implementation of the Regulation can be found at the following link on the MassDOT Highway Division website: http://www.massdot.state.ma.us/Highway/llaggers/main.aspx

mendment /	STIP	MassDOT	Metropolitan	Municipality	MassDOT	MassDOT	Funding	Total Programmed	Federal	Non-Federal	
ljustment Type ▼	Program ▼	Project ID ▼	Planning Organization ▼	Name ▼	Project Description ▼		Source ▼	Funds ▼	Funds ▼	Funds ▼	Additional Information ▼ Present information as follows, if applicable: a) Planning / Design / or Construction; b) total project cost and funding sources used; c) advance construction status; d) MPO project score; e) nam of entity receiving a transfer; f) name of entity payi the non-state non-federal match; g) earmark detail h) TAP project proponent; i) other information
Section 1A / Region	nally Prioritize	d Projects									
Regionally Priorit	zed Projects	1							I		T
	Planning / Adjustments / Pass-throughs	1570	Boston Region	Multiple	GREEN LINE EXTENSION PROJECT- EXTENSION TO COLLEGE AVENUE WITH THE UNION SQUARE SPUR	6	CMAQ	\$ 29,100,000	\$ 23,280,000	\$ 5,820,000	Construction; STP+CMAQ+Section 5309 (Transit) Total MPO Contribution = \$190,000,000; AC Yf 6 of; funding flexed FTA; match provided by local contributions
	Roadway Reconstruction	606453	Boston Region	Boston	BOSTON- IMPROVEMENTS ON BOYLSTON STREET, FROM INTERSECTION OF BROOKLINE AVENUE & PARK DRIVE TO IPSWICH STREET	6	СМАО	\$ 1,000,000	\$ 800,000	\$ 200,000	Construction; CMAQ+TAP+STP Total Cost \$8,542,892; MPO Evaluation Score = 58
	Roadway Reconstruction	606453	Boston Region	Boston	BOSTON- IMPROVEMENTS ON BOYLSTON STREET, FROM INTERSECTION OF BROOKLINE AVENUE & PARK DRIVE TO IPSWICH STREET	6	STP	\$ 812,432	\$ 649,946	\$ 162,486	Construction; CMAQ+TAP+STP Total Cos \$8,542,892; MPO Evaluation Score = 58
	Roadway Reconstruction	606453	Boston Region	Boston	BOSTON- IMPROVEMENTS ON BOYLSTON STREET, FROM INTERSECTION OF BROOKLINE AVENUE & PARK DRIVE TO IPSWICH STREET	6	TAP	\$ 6,730,460	\$ 5,384,368	\$ 1,346,092	Construction; CMAQ+TAP+STP Total Cos \$8,542,892; MPO Evaluation Score = 58; 1 Proponent = Boston
	Roadway Reconstruction	606226	Boston Region	Boston	BOSTON- RECONSTRUCTION OF RUTHERFORD AVENUE, FROM CITY SQUARE TO SULLIVAN SQUARE	6	NHPP	\$ 11,207,439	\$ 8,965,951	\$ 2,241,488	Construction; NHPP+STP+TAP Total Cos \$152,000,000; AC Yr 2 of 5; Total funding this TIP = \$116,626,515; TAP Proponent Boston; MPO Evaluation Score = 59
	Roadway Reconstruction	606226	Boston Region	Boston	BOSTON- RECONSTRUCTION OF RUTHERFORD AVENUE, FROM CITY SQUARE TO SULLIVAN SQUARE	6	STP	\$ 1,922,546	\$ 1,538,037	\$ 384,509	Construction; NHPP+STP+TAP Total Cos \$152,000,000; AC Yr 2 of 5; Total funding this TIP = \$116,626,515; TAP Proponen Boston; MPO Evaluation Score = 59
	Roadway Reconstruction	606226	Boston Region	Boston	BOSTON- RECONSTRUCTION OF RUTHERFORD AVENUE, FROM CITY SQUARE TO SULLIVAN SQUARE	6	TAP	\$ 14,050,761	\$ 11,240,609	\$ 2,810,152	Construction; NHPP+STP+TAP Total Cos \$152,000,000; AC Yr 2 of 5; Total funding this TIP = \$116,626,515; TAP Proponen Boston; MPO Evaluation Score = 59; TAP Proponent = Boston
	Bridge Program	604996	Boston Region	Woburn	WOBURN- BRIDGE REPLACEMENT, W-43-017, NEW BOSTON STREET OVER MBTA	4	STP	\$ 16,418,347	\$ 13,134,678	\$ 3,283,669	Construction; Total Cost = \$16,418,347; M Evaluation Score = 55
	Roadway Reconstruction	608228	Boston Region	Framingham	FRAMINGHAM- RECONSTRUCTION OF UNION AVENUE, FROM PROCTOR STREET TO MAIN STREET	3	HSIP	\$ 1,000,000	\$ 900,000	\$ 100,000	Construction; STP+HSIP+TAP Total Cos \$9,124,364; MPO Evaluation Score = 5
	Roadway Reconstruction	608228	Boston Region	Framingham	FRAMINGHAM- RECONSTRUCTION OF UNION AVENUE, FROM PROCTOR STREET TO MAIN STREET	3	STP	\$ 1,006,391	\$ 805,113	\$ 201,278	Construction; STP+HSIP+TAP Total Cos \$9,124,364; MPO Evaluation Score = 58
	Roadway Reconstruction	608228	Boston Region	Framingham	FRAMINGHAM- RECONSTRUCTION OF UNION AVENUE, FROM PROCTOR STREET TO MAIN STREET	3	TAP	\$ 7,117,973	\$ 5,694,378	\$ 1,423,595	Construction; STP+HSIP+TAP Total Cos \$9,124,364; MPO Evaluation Score = 58; Proponent = Framingham

mendment /	STIP	MassDOT	Metropolitan	Municipality	MassDOT	MassDOT			grammed			ederal	Additional Information ▼
djustment Type ▼	Program ▼	Project ID ▼	Planning Organization ▼	Name ▼	Project Description ♥	District ▼	Source ▼	Funds ▼		Funds ▼	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 socre; e) nam of entity receiving a transfer; f) name of entity pay the non-state non-federal match; g) earmark deta h) TAP project proponent; i) other information
	Roadway Reconstruction	606501	Boston Region	Holbrook	HOLBROOK- RECONSTRUCTION OF UNION STREET (ROUTE 139), FROM LINFIELD STREET TO CENTRE STREET/WATER STREET	5	STP	\$	468,830	\$ 375,064	\$	93,766	Construction; TAP+STP+Earmark Total Cc \$757,918; MPO Evaluation Score = 45
	Roadway Reconstruction	606501	Boston Region	Holbrook	HOLBROOK- RECONSTRUCTION OF UNION STREET (ROUTE 139), FROM LINFIELD STREET TO CENTRE STREETWATER STREET	5	TAP	\$	289,088	\$ 231,270	\$	57,818	Construction; TAP+STP+Earmark Total Cc \$757,918; MPO Evaluation Score = 45; T. Proponent = Holbrook
	Roadway Reconstruction	601607	Boston Region	Hull	HULL- RECONSTRUCTION OF ATLANTIC AVENUE AND RELATED WORK FROM NANTASKET AVENUE TO COHASSET TOWN LINE	5	STP	\$	6,651,674	\$ 5,321,339	\$	1,330,335	Construction; Total Cost = \$6,651,674; M Evaluation Score = 44
	Intersection Improvements	606130	Boston Region	Norwood	NORWOOD- INTERSECTION IMPROVEMENTS @ ROUTE 1A & UPLAND ROADWASHINGTON STREET & PROSPECT STREET/FULTON STREET	5	CMAQ	\$	1,000,000	\$ 800,000	\$	200,000	Construction; CMAQ+STP Total Cost \$3,936,781; MPO Evaluation Score = 5
	Intersection Improvements	606130	Boston Region	Norwood	NORWOOD- INTERSECTION IMPROVEMENTS @ ROUTE 1A & UPLAND ROADWASHINGTON STREET & PROSPECT STREET/FULTON STREET	5	STP	\$	2,936,781	\$ 2,349,425	\$	587,356	Construction; CMAQ+STP Total Cost \$3,936,781; MPO Evaluation Score = \$
	Roadway Reconstruction	608146	Boston Region	Boston	MARBLEHEAD- INTERSECTION IMPROVEMENTS AT PLEASANT STREET & VILLAGE, VINE AND CROSS STREETS	4	STP	\$	726,570	\$ 581,256	\$	145,314	Construction; STP Total Cost = \$726,5' MPO Evaluation Score = 40
	Planning / Adjustments / Pass-throughs	BN0009	Boston Region	Multiple	COMMUNITY TRANSPORTATION PROGRAM	N/A	CMAQ	\$	2,000,000	\$ 1,600,000	\$	400,000	Planning, Design, or Construction; Set As for LRTP Clean Air and Mobility Progra
					Regionally Pr	rioritized Pro	ects subtotal >	\$ 10	4,439,292	\$ 83,651,434	\$	20,787,858	■ 80% Federal + 20% Non-Federal
ection 1A / Fisc	al Constraint An	alysis			Total Regional Federal	Aid Funde F	rogrammed b	¢ 10	4,439,292	\$ 104,552,877	Z ⊿ Tota	l Budget	\$ 113,585 Target Funds Availal
					Total Regional Federal		programmed >		12,151,010				Target Tunus Availa
					dropdown list to populate header and MPO column; Column	HSIP	programmed ▶	\$	1,000,000	\$ 900,000	■ HSI	P	
	for the project - if	multiple funding so	ources are being used	enter multiple lines; C	own list; Column H) Choose the Funding Source being used olumn I) Enter the total amount of funds being programmed		programmed ▶		33,100,000				
	for flex. Column I	() Non-federal fund	ds autocalculates. Plea	se verify the split/ma	culates. Please verify the amount and only change if needed tch - if matching an FTA flex, coordinate with Rail & Transit								
	Division before pro	ogramming; Colur	nn L) Enter Additional	Information as descr	bed - please do not use any other format.	TAP	programmed ►	\$ 2	28,188,282	\$ 22,550,626	▼ TAF	•	
Section 1B / Earn		onary Grant Fi	unded Projects										
Other Federal Aid					BOSTON- RECONSTRUCTION OF RUTHERFORD								
	Earmark Discretionary	606226	Boston Region	Municipalities	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
			Boston Region		Other Federal Aid		HPP	\$	-	\$ -	\$	-	
			Boston Region		Other Federal Aid		HPP	\$	-	\$ -	\$	-	

Amendment / Adjustment Type ▼	STIP Program ▼	MassDOT Project ID ▼	Metropolitan Planning Organization ▼	Municipality Name ▼	MassDOT Project Description ▼	MassDOT District ▼		Total Program Funds ▼	med Fede Fund		Non-Federal Funds ▼	Additional Information ▼ Present information as follows, if applicable: a)
		·	organization v		bescription v							Planning / Design / or Construction: b) total project cost and funding sources used; c) advance construction status; d) MPO project score; e) nam of entity receiving a transfer; f) name of entity pay the non-state non-federal match; g) earmark deta h) TAP project proponent; i) other information
► Section 2A / State	Prioritized Rel	iability Projec	ets									
► Bridge Program /	Inspections											
	Bridge Program	ı	Boston Region		Bridge Inspection			\$	- \$	-	\$ -	
					Bridge	Program / Inspect	ons subtotal ▶	\$	- \$	-	\$ -	■ Funding Split Varies by Funding
► Bridge Program /	Off-System								"		1	Cauran
	Bridge Program	ı	Boston Region				STP-BR-OFF				\$ -	
					Bridge	Program / Off-Sys	tem subtotal ▶	\$	- \$	-	\$ -	■ 80% Federal + 20% Non-Federal
► Bridge Program /	On-System (NF	IS)	ı								ı	
	Bridge Program	1	Boston Region				NHPP-On					
	Bridge Program	1	Boston Region				NHPP-On					
	. 5				Bridge Progra	n / On-System (N		\$	- \$	_	\$ -	■ Funding Split Varies by Funding
B.H. B.	0 . 0 1 (N					, (.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	-	1.		1	Course
► Bridge Program /	Bridge Program		Boston Region				NHPP-Off		\$	_	\$ -	
	Bridge Program		Boston Region				NHPP-Off		\$		\$ -	
					Bridge Program / O	n-System (Non-N	HS) subtotal ▶	\$	- \$	-	\$ -	■ 80% Federal + 20% Non-Federal
► Bridge Program /	Systematic Ma	intenance	1					1			ı	
	Bridge Program	1	Boston Region				NHPP-On				\$ -	
			•		Bridge Program / Sys	tematic Maintena	nce subtotal >	\$	- \$	-	\$ -	▼ Funding Split Varies by Funding Source
Interstate Pavem	ent										<u> </u>	
	Interstate Pavement	60837	8 Boston Region	Multiple	DANVERS- TOPSFIELD- BOXFORD- ROWLE' INTERSTATE MAINTENANCE AND RELATED WORK ON I-95		NHPP	\$ 582	,400 \$	524,160	\$ 58,24	0
	•		1			Insterstate Paven	nent subtotal >	\$ 582	400 \$	524,160	\$ 58,240	90% Federal + 10% Non-Federal
► Non-Interstate Pa		1	1	_		1	Ī	1			1	
	Non-Interstate Pavement	60747	7 Boston Region	Multiple	LYNNFIELD- PEABODY- RESURFACING AND RELATED WORK ON ROUTE 1	4	NHPP	\$ 7,424	,560 \$	5,939,648	\$ 1,484,91	2
			<u> </u>		Nor	-Interstate Paven	nent subtotal >	\$ 7,424	,560 \$	5,939,648	\$ 1,484,912	2 ■ 80% Federal + 20% Non-Federal
► Roadway Improv												
	Roadway Improvements		Boston Region		Roadway Improvements			\$	- \$	-	\$ -	
	Roadway Improvements		Boston Region		Roadway Improvements			\$	- \$	-	\$ -	
	Roadway Improvements		Boston Region		Roadway Improvements			\$	- \$	-	\$ -	
		1	- 11	"	Ro	adway Improvem	ents subtotal >	\$	- \$	-	\$ -	■ 80% Federal + 20% Non-Federal
Safety Improven	ents											
	Safety Improvements	60909	0 Boston Region	Multiple	BOSTON-MILTON-QUINCY- HIGHWAY LIGHT SYSTEM REPLACEMENT ON I-93, FROM NEPONSET AVENUE TO THE BRAINTREE	NG 6	NHPP	\$ 3,000	,000 \$	2,700,000	\$ 300,00	0
	Safety		Boston Region	Multiple			NHPP		\$		\$ -	
	Improvements		1 3 1	1 .		Safety Improvem		¢ 2000	.000 \$	2,700,000		Funding Split Varies by Funding

Amendment /	STIP	MassDOT	Metropolitan	Municipality	MassDOT	MassDOT		Total Programme		Non-Federal	Additional Information ▼
Adjustment Type ▼	Program ▼	Project ID ▼	Planning Organization ▼	Name ▼	Project Description ▼	District ▼	Source ▼	Funds ▼	Funds ▼	Funds ▼	Present Information as follows, if applicable; a Planning / Design / or Construction; b) total projecost and funding sources used; a alvance construction status; d) MPO project score; e) nam of entity receiving a transfer; f) name of entity pay the non-state non-federal match; g) earmark deta h) TAP project proponent; i) other information
► Section 2B / State	Prioritized Mod	dernization Pr	ojects								
► ADA Retrofits	1	1	I			T	T	I	1		
	ADA Retrofits		Boston Region		ADA Retrofits			\$	- \$ -	\$ -	
	ADA Retrofits		Boston Region		ADA Retrofits			\$	- \$ -	\$ -	
						ADA Ret	rofits subtotal ►	\$	- \$ -	\$ -	■ 80% Federal + 20% Non-Federal
Intersection Impr	ovements		Т								
	Intersection Improvements	607761	Boston Region	Swampscott	SWAMPSCOTT- INTERSECTION & SIGNAL IMPROVEMENTS AT SR 1A (PARADISE ROAD) AT SWAMPSCOTT MALL	4	HSIP	\$ 2,000,00	1,800,000	200,000	
	Intersection Improvements		Boston Region				HSIP				
	Intersection Improvements		Boston Region				HSIP				
	Intersection		Boston Region		Intersection Improvements			\$	- \$ -	s -	
	Improvements Intersection		Boston Region		Intersection Improvements			s	- s -	\$ -	
	Improvements Intersection		Boston Region		Intersection Improvements			\$	- \$ -	\$ -	
	Improvements		Dosion Region			on Improvem	ents subtotal ▶	*	,		■ Funding Split Varies by Funding
► Intelligent Transp	ortation System	ns						1, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	7	1,4	
-	Intelligent Transportation Systems		Boston Region		Intelligent Transportation Systems			\$	- \$ -	\$ -	
	Intelligent Transportation Systems		Boston Region		Intelligent Transportation Systems			\$	- \$ -	\$ -	
	Intelligent Transportation Systems		Boston Region		Intelligent Transportation Systems			\$		\$ -	
					Intelligent Trans	portation Sys	stem subtotal >	\$	- \$ -	-	■ 80% Federal + 20% Non-Federal
► Roadway Recons	Roadway Reconstruction	607901	Boston Region	Dedham	DEDHAM- PEDESTRIAN IMPROVEMENTS ALONG ELM STREET & RUSTCRAFT ROAD CORRIDORS	6	CMAQ	\$ 3,230,59	37 \$ 2,584,478	3 \$ 646,119	
-					Roadwa	y Reconstru	ction subtotal >	\$ 3,230,59	37 \$ 2,584,478	8 \$ 646,119	■ Funding Split Varies by Funding
Section 2C / State		ansion Projec	cts								
► Bicycles and Ped					WAKEFIELD- LYNNFIELD- RAIL TRAIL						
	Bicycles and Pedestrians	607329	Boston Region	Multiple	EXTENSION, FROM THE GALVIN MIDDLE SCHOOL TO LYNNFIELD/PEABODY T.L.	4	CMAQ	\$ 10,316,55			Construction / PSAC score 32.5
Consolt					Bicycles	and Pedest	ians subtotal ▶	\$ 10,316,55	59 \$ 8,253,24	7 \$ 2,063,312	■ 80% Federal + 20% Non-Federal
- Capacity	Capacity		Boston Region		Capacity			\$	- \$ -	\$ -	
	Capacity							s	- s -	s -	

endment / justment 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: Planning / Design / or Construction, b) total pro cost and funding sources used; o) advance construction status; d) MPO project score; e) no of entity receiving a transfer; f) name of entity the non-state non-federal match; g) earmark de h) TAP project proponent; i) other information
Section 3 / Plann	ing / Adjustmen	ts / Pass-thro	ughs								
Planning / Adjust	ments / Pass-th	roughs									
			Boston Region		ABP GANS Repayment	Multiple		\$ -	\$	- \$	
·			Boston Region		ABP GANS Repayment	Multiple		\$ -	\$	- \$	
			Boston Region		Award adjustments, change orders, etc.	Multiple		\$ -	\$	- \$	
			Boston Region		Award adjustments, change orders, etc.	Multiple		\$ -	\$	- \$	
			Boston Region		Award adjustments, change orders, etc.	Multiple		\$ -	\$	- \$	
			Boston Region		Award adjustments, change orders, etc.	Multiple		\$ -	\$	- \$	
			Boston Region		Metropolitan Planning	Multiple		\$ -	\$	- \$	
			Boston Region		Metropolitan Planning	Multiple		\$ -	\$	- \$	
			Boston Region		State Planning and Research Work Program I, (SPR I), Planning	Multiple		\$ -	\$	- \$	
			Boston Region		State Planning and Research Work Program II, (SPR II), Research	Multiple		\$	\$	- \$	
			Boston Region		Railroad Crossings	Multiple		\$ -	\$	- \$	
			Boston Region		Railroad Crossings	Multiple		\$ -	\$	- \$	
			Boston Region		Recreational Trails	Multiple		\$ -	\$	- \$	
Section 4 / Non-F		Projects			Othe	r Statewide It	ems subtotal ▶	-	\$	- \$	
Non-Federally Aid											
	Non Federal Aid		Boston Region		Non-Federal Aid			\$ -		\$	
	Non-Federally Aided Projects		Boston Region		Non-Federal Aid			\$ -		\$	
						Non-Federa	al Aid subtotal▶	- \$		\$ -	■100% Non-Federal
021 Sumr	nary							TIP Section 1 - 3: ▼	TIP Section 4	Total of All Projects ▼	
							Total ▶	\$ 141.099.588	¢	- \$ 141,099,58	8 ◀ Total Spending in Region
						Fe	ederal Funds ►		Ψ		0 ◀ Total 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

endment /	STIP	MassDOT	Metropolitan	Municipality	MassDOT	MassDOT	Funding	Total Programmed	Federal	Non-Federal	
ustment Type ▼	Program ▼	Project ID ▼		Name ▼	Project Description▼	District ▼	Source ▼	Funds ▼	Funds ▼	Funds ▼	Additional Information ▼ Present Information as follows, if applicable: a) Planni Design / or Construction: b) lotal project cost and funding sources used; c) advance construction status; d) MPO pro score; e) name of entity receiving a transfer; f) name of enti- paying the non-state non-federal match; g) earmark details; TAP project proponent; i) other information
Section 1A / Regio	nally Prioritized	Projects					\ 				
Regionally Prioriti	zed Projects		1						T		
	Roadway Reconstruction	606226	Boston Region	Boston	BOSTON- RECONSTRUCTION OF RUTHERFORD AVENUE, FROM CITY SQUARE TO SULLIVAN SQUARE	6	NHPP	\$ 14,664,180	\$ 11,731,344	\$ 2,932,836	Construction; NHPP+STP+TAP Total Cost = \$152,000,000; AC Yr 3 of 5; Total funding in this 1 \$116,626,515; MPO Evaluation Score = 59
	Roadway Reconstruction	606226	Boston Region	Boston	BOSTON- RECONSTRUCTION OF RUTHERFORD AVENUE, FROM CITY SQUARE TO SULLIVAN SQUARE	6	STP	\$ 26,498,598	\$ 21,198,878	\$ 5,299,720	Construction; NHPP+STP+TAP Total Cost = \$152,000,000; AC Yr 3 of 5; Total funding in this \$116,626,515; MPO Evaluation Score = 59
	Roadway Reconstruction	606226	Boston Region	Boston	BOSTON- RECONSTRUCTION OF RUTHERFORD AVENUE, FROM CITY SQUARE TO SULLIVAN SQUARE	6	TAP	\$ 1,282,990	\$ 1,026,392	\$ 256,598	Construction; NHPP+STP+TAP Total Cost = \$152,000,000; AC Yr 3 of 5; Total funding in this \$116,626,515; MPO Evaluation Score = 59; TAProponent = Boston
	Intersection Improvements	605857	Boston Region	Norwood	NORWOOD- INTERSECTION IMPROVEMENTS @ ROUTE 1 & UNIVERSITY AVENUE/EVERETT STREET	5	CMAQ	\$ 3,000,000	\$ 2,400,000	\$ 600,000	Construction; HSIP+CMAQ+STP+NHPP Total C \$9,166,410; MPO Evaluation Score = 55
	Intersection Improvements	605857	Boston Region	Norwood	NORWOOD- INTERSECTION IMPROVEMENTS @ ROUTE 1 & UNIVERSITY AVENUE/EVERETT STREET	5	HSIP	\$ 631,724	\$ 568,552	\$ 63,172	Construction; HSIP+CMAQ+STP+NHPP Total C \$9,166,410; MPO Evaluation Score = 55
	Intersection Improvements	605857	Boston Region	Norwood	NORWOOD- INTERSECTION IMPROVEMENTS @ ROUTE 1 & UNIVERSITY AVENUE/EVERETT STREET	5	NHPP	\$ 2,873,029	\$ 2,298,423	\$ 574,606	Construction; HSIP+CMAQ+STP+NHPP Total C \$9,166,410; MPO Evaluation Score = 55
	Intersection Improvements	605857	Boston Region	Norwood	NORWOOD- INTERSECTION IMPROVEMENTS @ ROUTE 1 & UNIVERSITY AVENUE/EVERETT STREET	5	STP	\$ 2,661,657	\$ 2,129,326	\$ 532,331	Construction; HSIP+CMAQ+STP+NHPP Total (\$9,166,410; MPO Evaluation Score = 55
	Bicycles and Pedestrians	607738	Boston Region	Bedford	BEDFORD- MINUTEMAN BIKEWAY EXTENSION, FROM LOOMIS STREET TO THE CONCORD T.L.	4	CMAQ	\$ 6,489,964	\$ 5,191,971	\$ 1,297,993	Construction; CMAQ+TAP Total Cost = \$6,839 MPO Evaluation Score = 47
	Bicycles and Pedestrians	607738	Boston Region	Bedford	BEDFORD- MINUTEMAN BIKEWAY EXTENSION, FROM LOOMIS STREET TO THE CONCORD T.L.	4	ТАР	\$ 350,000	\$ 280,000	\$ 70,000	Construction; CMAQ+TAP Total Cost = \$6,839 MPO Evaluation Score = 47; TAP Proponen Bedford
	Bicycles and Pedestrians	608164	Boston Region	Sudbury	SUDBURY- BIKE PATH CONSTRUCTION (BRUCE FREEMAN RAIL TRAIL)	3	CMAQ	\$ 9,184,778	\$ 7,347,822	\$ 1,836,956	Construction; CMAQ+TAP Total Cost = \$9,684 MPO Evaluation Score = 40
	Bicycles and Pedestrians	608164	Boston Region	Sudbury	SUBBURY- BIKE PATH CONSTRUCTION (BRUCE FREEMAN RAIL TRAIL)	3	ТАР	\$ 500,000	\$ 400,000	\$ 100,000	Construction; CMAQ+TAP Total Cost = \$9,684
	Roadway Reconstruction	607777	Boston Region	Watertown	WATERTOWN- REHABILITATION OF MOUNT AUBURN STREET (ROUTE 16)	6	CMAQ	\$ 1,000,000	\$ 800,000	\$ 200,000	Construction; HSIP+CMAQ+STP Total Cost \$13,701,100; MPO Evaluation Score = 75
	Roadway Reconstruction	607777	Boston Region	Watertown	WATERTOWN- REHABILITATION OF MOUNT AUBURN STREET (ROUTE 16)	6	HSIP	\$ 2,000,000	\$ 1,800,000	\$ 200,000	Construction; HSIP+CMAQ+STP Total Cost \$13,701,100; MPO Evaluation Score = 75
	Roadway Reconstruction	607777	Boston Region	Watertown	WATERTOWN- REHABILITATION OF MOUNT AUBURN STREET (ROUTE 16)	6	STP	\$ 10,701,100	\$ 8,560,880	\$ 2,140,220	Construction; HSIP+CMAQ+STP Total Cos \$13,701,100; MPO Evaluation Score = 75

Roadway Reconstruct Section 1A / Fiscal Constraint Section 1A /		Project ID ▼	Organization ▼	Name ▼		Dietrict V	Source ▼	Total Programmed Funds ▼	Federa Funds	•	Funds ▼	Additional Information ▼
Reconstruct Roadway Roadway Reconstruct Roadway Reconstruct Roadway Reconstruct Roadway Reconstruct Roadway Reconstruct Roadway Reconstruct Roadway Roadway Reconstruct Roadway Reconstruct Roadway Reconstruct Roadway Reconstruct Roadway Reconstruct Roadway Reconstruct Roadway Roadway Reconstruct Roadway Reconstruct Roadway Reconstruct Roadway Reconstruct Roadway Reconstruct Roadway Roadwa					Project Description ▼	District ▼	Source ¥	runas ¥	runas	•	runus V	Present information as follows, if applicable; a) Planni Design / or Construction; b) total project cost and funding sources used; c) advance construction status; d) MPO pro socre; e) name of entity receiving a transfer; f) name of ent paying the non-state non-federal match; g) earmark details; TAP project proponent; i) other information
Roadway Reconstruc Section 1A / Fiscal Constrain Section 1A from Project funding soun source: Colu Please verify as described Section 1B / Earmark or Discri Other Federal Aid		608078	Boston Region	Chelsea	CHELSEA- RECONSTRUCTION ON BROADWAY (ROUTE 107), FROM CITY HALL AVENUE TO THE REVERE C.L.	6	CMAQ	\$ 1,000,00	0 \$	800,000	\$ 200,000	Construction; CMAQ+STP Total Cost = \$10,027,90 MPO Evaluation Score = 61
Roadway Reconstruc Roadway Reconstruc Roadway Reconstruc Section 1A / Fiscal Constraint Section 1A / Irom Project funding sour source; Colu Please verify as described Section 1B / Earmark or Discri Other Federal Aid	adway construction	608078	Boston Region	Chelsea	CHELSEA- RECONSTRUCTION ON BROADWAY (ROUTE 107), FROM CITY HALL AVENUE TO THE REVERE C.L.	6	STP	\$ 9,027,90	4 \$	7,222,323	\$ 1,805,581	Construction; CMAQ+STP Total Cost = \$10,027,90 MPO Evaluation Score = 61
Reconstruc Roadway Reconstruc Roadway Reconstruc Section 1A / Fiscal Constraint Section 1A / from Project funding soun source; Colu Please verify as described Section 1B / Earmark or Discri Other Federal Aid		608229	Boston Region	Acton	ACTON- INTERSECTION & SIGNAL IMPROVEMENTS AT KELLEY'S CORNER, ROUTE 111 (MASSACHUSETTS AVENUE) AND ROUTE 27 (MAIN STREET)	3	CMAQ	\$ 3,000,00	0 \$	2,400,000	\$ 600,000	Construction; CMAQ+TAP+STP Total Cost = \$14,718,378; MPO Evaluation Score = 45
Section 1A / Fiscal Constraint Section 1A / Fiscal Constraint	adway construction	608229	Boston Region	Acton	ACTON- INTERSECTION & SIGNAL IMPROVEMENTS AT KELLEY'S CORNER, ROUTE 111 (MASSACHUSETTS AVENUE) AND ROUTE 27 (MAIN STREET)	3	STP	\$ 11,518,37	8 \$	9,214,702	\$ 2,303,676	Construction; CMAQ+TAP+STP Total Cost = \$14,718,378; MPO Evaluation Score = 45
Section 1A from Project funding sour source; Colu- Please verify as described Section 1B / Earmark or Discribed Other Federal Aid		608229	Boston Region	Acton	ACTON- INTERSECTION & SIGNAL IMPROVEMENTS AT KELLEY'S CORNER, ROUTE 111 (MASSACHUSETTS AVENUE) AND ROUTE 27 (MAIN STREET)	3	TAP	\$ 200,00	0 \$	160,000	\$ 40,000	Construction; CMAQ+TAP+STP Total Cost = \$14,718,378; MPO Evaluation Score = 45; TAP project proponent = Acton
from Projecti funding sour source; Col u Please verify			Boston Region					\$ -	\$	-	\$ -	
Section 1A from Project funding sour source; Colu Please verify as described Section 1B / Earmark or Discri Other Federal Aid		,	<u> </u>	1	Regional	ly Prioritized Pro	ojects subtotal ▶	\$ 106,584,30	2 \$	85,530,614	\$ 21,053,688	■ 80% Federal + 20% Non-Federal
from Project funding sour source; Colu- Please verify as described Section 1B / Earmark or Discribed Other Federal Aid	straint Ana	lysis										
from Project funding sour source; Colu- Please verify as described Section 1B / Earmark or Discribed Other Federal Aid					Total Regional Fede						∢ Total Budget	\$ 97,527 Target Funds Available
from Project funding sour source; Colu- Please verify as described Section 1B / Earmark or Discribed Other Federal Aid						SIP	programmed >	\$ 77,944,84	0 3	62,355,877	4 SIP	
source; Colu- Please verify as described Section 1B / Earmark or Discr Other Federal Aid	ProjectInfo; C	olumn E) Choose N	Municipality Name from	n dropdown list; Colum	opdown list to populate header and MPO column; Column C) Enter ID on H) Choose the Funding Source being used for the project - if multiple	HSIP	programmed >	\$ 2,631,72	4 \$	2,368,552	◆ HSIP	
Please verily as described Section 1B / Earmark or Discribed Other Federal Aid	ling sources ar	being used enter	multiple lines; Column	 Enter the total amount the amount and on! 	unt of funds being programmed in this fiscal year and for each funding y change if needed for flex. Column K) Non-federal funds autocalculates	CMAQ	programmed >	\$ 23,674,74	2 \$	18,939,794	■ CMAQ	
➤ Section 1B / Earmark or Discr ➤ Other Federal Aid		Federal funds auto			it Division before programming; Column L) Enter Additional Information							
► Other Federal Aid	se verify the s	olit/match - if match	ning an FTA flex, coordi	mence with reall or I tains								
► Other Federal Aid	se verify the s		ning an FTA flex, coordi	iiiae wiiiir all ox I fans			programmed >			1,866,392		
	se verify the s	olit/match - if match	ning an FTA flex, coordi	make will rail & Ifans								
► Section 2A / State Prioritized	se verify the s lescribed - plea	olit/match - if matchi se do not use any d	ning an FTA flex, coordi	mako wili rahi ok ifans								
Section 2A / State Prioritized	se verify the s lescribed - plea	olit/match - if matchi se do not use any d	ning an FTA flex, coordi	mako wili rahi & I fars								
Section 2A / State Prioritized	se verify the s lescribed - plea	olit/match - if match se do not use any o	ning an FTA flex, coordi	maac wuu ralii a i fans	Other Federal Aid				0 \$			
► Section 2A / State Prioritized	se verify the s lescribed - plea	olit/match - if match se do not use any o	ning an FTA flex, coordi other format. nded Projects Boston Region	mess wuu ram a Ifans			programmed ►	\$ 2,332,99	\$	1,866,392	▼ TAP	
► Section 2A / State Prioritized	se verify the s lescribed - plea	olit/match - if match se do not use any o	ning an FTA flex, coording the format. Inded Projects	mese wuu ridii o i fans	Other Federal Aid Other Federal Aid	TAP	programmed ► HPP HPP	\$ 2,332,99	\$ \$	1,866,392	▼ TAP \$ - \$ -	
	se verify the si escribed - plea r Discretion	olit/match - if match se do not use any c	ing an FTA flex, coording the format. Inded Projects Boston Region Boston Region	mead wuu ridii o i fain		TAP	programmed ►	\$ 2,332,99	\$	1,866,392	▼ TAP \$ - \$ -	■ Funding Split Varies by Funding Source
► Bridge Program / Inspections	r Discretion	olit/match - if match se do not use any c	ing an FTA flex, coording the format. Inded Projects Boston Region Boston Region	nese wuu ridii û i fâlîs		TAP	programmed ► HPP HPP	\$ 2,332,99	\$ \$	1,866,392	▼ TAP \$ - \$ -	■ Funding Split Varies by Funding Source
Bridge Pro	r Discretion	olit/match - if match se do not use any c	ing an FTA flex, coording the format. Inded Projects Boston Region Boston Region	www.rkdin.o.ir@f		TAP	programmed ► HPP HPP	\$ 2,332,99	\$ \$	1,866,392	▼ TAP \$ - \$ -	■ Funding Split Varies by Funding Source
Bridge Pro	r Discretion	ilitimatch - if match se do not use any c	ing an FTA flex, coording the format. Inded Projects Boston Region Boston Region	www.rtdlio.lf@f		TAP	programmed ► HPP HPP	\$ 2,332,99	\$ \$ \$ \$ \$	1,866,392	▼ TAP \$ - \$ -	■ Funding Split Varies by Funding Source
g	r Discretion itized Relia ctions ge Program	illimatch - if match se do not use any c	ining an FTA flex, coordi other format. Inded Projects Boston Region Boston Region	mad with ridit of Fars	Other Federal Aid Bridge Inspection	TAP	programmed ► HPP HPP	\$ 2,332,99 \$ - \$ -	s s s s s	1,866,392	\$ - \$ - \$ -	■ Funding Split Varies by Funding Source
	r Discretion r Discretion ritized Reliactions	illimatch - if match se do not use any c	ining an FTA flex, coording the format. Inded Projects Boston Region Boston Region Boston Region	mad with ridit o I fails	Other Federal Aid Bridge Inspection Bridge Inspection	Other Federa	Programmed ▶ HPP HPP al Aid subtotal ▶	\$ 2,332,99 \$ - \$ - \$ -	s s s s s s s s s	1,866,392	\$ - \$ - \$ - \$ -	
► Bridge Program / Off-System	r Discretion itized Relia ctions ge Program	illimatch - if match se do not use any c	ining an FTA flex, coording the format. Inded Projects Boston Region Boston Region Boston Region	mad with ridin o. I fairly	Other Federal Aid Bridge Inspection Bridge Inspection	TAP	Programmed ▶ HPP HPP al Aid subtotal ▶	\$ 2,332,99 \$ - \$ - \$ -	s s s s s	1,866,392	\$ - \$ - \$ -	■ Funding Split Varies by Funding Source ■ Funding Split Varies by Funding Source
	r Discretion r Discretion itized Relia ctions lige Program lige Program	ilitimatch - if match se do not use any c	ining an FTA flex, coording the format. Inded Projects Boston Region Boston Region Boston Region Boston Region Boston Region	mad with ridit o I fair	Other Federal Aid Bridge Inspection Bridge Inspection Bridge P	Other Federa	Programmed ▶ HPP HPP al Aid subtotal ▶	\$ 2,332,99 \$ - \$ - \$ - \$ -	S	1,866,392	\$ - \$ - \$ - \$ - \$ -	
	r Discretio r Discretio itized Relia ctions dge Program gge Program gge Program gge Program	ilit/match - if match se do not use any c	ing an FTA flex, coording the format. Boston Region Boston Region Boston Region Boston Region Boston Region Boston Region	mad with ridit of Fari	Other Federal Aid Bridge Inspection Bridge Inspection Bridge Program / Off-System	Other Federa	Programmed ▶ HPP HPP al Aid subtotal ▶	\$ 2,332,99 \$ - \$ - \$ - \$ - \$ -	S	1,866,392	\$ - \$ - \$ - \$ - \$ -	
	r Discretion r Discretion r Discretion itized Relia ctions dge Program dge Program dge Program dge Program dge Program dge Program	ilitimatch - if match se do not use any c	ing an FTA flex, coording the format. Boston Region	mad with citil o I falls	Other Federal Aid Bridge Inspection Bridge Inspection Bridge Program / Off-System Bridge Program / Off-System	Other Federa	Programmed ▶ HPP HPP al Aid subtotal ▶	\$ 2,332,99 \$ - \$ - \$ - \$ - \$ -	S	1,866,392	\$ - \$ - \$ - \$ - \$ -	
	r Discretion itized Relia ctions ge Program	ilit/match - if match se do not use any c	ing an FTA flex, coordi other format. Boston Region Boston Region	mad with ridil & I falls	Other Federal Aid Bridge Inspection Bridge Inspection Bridge Program / Off-System Bridge Program / Off-System Bridge Program / Off-System	Other Federa	Programmed ▶ HPP HPP al Aid subtotal ▶	\$ 2,332,99 \$ - \$ - \$ - \$ - \$ - \$ -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	1,866,392	\$ - \$ - \$ - \$ - \$ - \$ - \$ -	
	r Discretio r Discretio r Discretio itized Relia ctions dge Program	ilit/match - if match se do not use any c	Boston Region	mad with ridit of Fari	Other Federal Aid Bridge Inspection Bridge Inspection Bridge Program / Off-System Bridge Program / Off-System Bridge Program / Off-System Bridge Program / Off-System	Other Federa	Programmed ▶ HPP HPP al Aid subtotal ▶	\$ 2,332,99 \$ - \$ - \$ - \$ - \$ - \$ - \$ -	S	1,866,392	\$ - \$ - \$ - \$ - \$ - \$ -	
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Amendment /	STIP Ma	assDOT	Metropolitan	Municipality	MassDOT	MassDOT	Funding	Total Programmed	Federal	Non-Federal	
Adjustment Type ▼	Program ▼ Pr	oject ID ▼	Planning Organization ▼	Name ▼	Project Description ▼	District ▼	Source ▼	Funds ▼	Funds ▼	Funds ▼	Additional Information ▼ Present Information as follows, if applicable: a) Plannin 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; i TAP project proponent; i) other information
► Bridge Program /	On-System (NHS)										
	Bridge Program		Boston Region				NHPP-On				
	Bridge Program		Boston Region				NHPP-On				
	Bridge Program		Boston Region				NHPP-On				
	Bridge Program Bridge Program		Boston Region Boston Region		Bridge Program / On-System (NHS) Bridge Program / On-System (NHS)					\$ - \$ -	
	Bridge Fregram		Doctor region		Bridge Program	/ On-System (I	NHS) subtotal ▶		\$ -	\$ -	■ Funding Split Varies by Funding Source
► Bridge Program /	On-System (Non-N	HS)			T				÷		
	Bridge Program		Boston Region				NHPP-Off		\$ -	\$ -	
	Bridge Program		Boston Region		Bridge Program / On	-System (Non-I	NHPP-Off	· s -	\$ - \$ -	\$ - \$ -	■ 80% Federal + 20% Non-Federal
h Bridge Browner /	Custometic Mainten				Blidge Frogram 7 On	Cystem (140m)	Tilo) subtotal P	-	Ι Ψ	•	4 30 /61 Caciai · 20 /6 Notifi Caciai
► Bridge Program /	Bridge Program		Boston Region				NHPP-On		\$ -	\$ -	
	Blidge Flografii		Dosion Region		Bridge Program / Syst	ematic Mainten			\$ -	\$ -	■ Funding Split Varies by Funding Source
► Interstate Paveme	nt .				.55			<u> </u>	<u> </u>		· · · · · · · · · · · · · · · · · · ·
P Interstate r avenie	Interstate Pavement		Boston Region		Interstate Pavement		7	\$ -	\$ -	\$ -	
	r avenient	ļ		1	li .	nsterstate Pave	ment subtotal >	· \$ -	\$ -	\$ -	◀ 90% Federal + 10% Non-Federal
► Non-Interstate Pay		1		T			1	1	1	1	
	Non-Interstate Pavement	608817	Boston Region	Multiple	SALEM- LYNN- RESURFACING AND RELATED WORK ON RTE 107	4	NHPP	\$ 2,527,560	\$ 2,022,048	\$ 505,512	
	Non-Interstate Pavement	608818	Boston Region	DANVERS	DANVERS- RESURFACING AND RELATED WORK ON ROUTE 114	4	NHPP	\$ 1,850,240	\$ 1,480,192	\$ 370,048	
					Non-	Interstate Pave	ment subtotal >	\$ 4,377,800	\$ 3,502,240	\$ 875,560	◀ 80% Federal + 20% Non-Federal
► Roadway Improve	ements										
	Roadway Improvements	608599	Boston Region	Multiple	CANTON- SHARON- FOXBOROUGH- NORWOOD- WALPOLE- STORMWATER IMPROVEMENTS ALONG ROUTE 1, ROUTE 1A & INTERSTATE 95	5	STP-TE	\$ 526,235	\$ 420,988	\$ 105,247	
	Roadway Improvements		Boston Region		Roadway Improvements			\$ -	\$ -	\$ -	
	Roadway Improvements		Boston Region		Roadway Improvements			\$ -	\$ -	\$ -	
	improvemente				Roa	dway Improven	nents subtotal >	\$ 526,235	\$ 420,988	\$ 105,247	■ 80% Federal + 20% Non-Federal
► Safety Improvem											
	Safety Improvements		Boston Region		Safety Improvements			\$ -	\$ -	\$ -	
	Safety Improvements		Boston Region		Safety Improvements			\$ -	\$ -	\$ -	
	Safety Improvements		Boston Region		Safety Improvements			\$ -	\$ -	\$ -	
	Safety Improvements		Boston Region		Safety Improvements			\$ -	\$ -	\$ -	
	Safety		Boston Region		Safety Improvements			\$ -	\$ -	\$ -	
	Improvements										

Amendment /	STIP MassD0		n Municipality	MassDOT	MassDOT	Funding	Total Programmed	Federal	Non-Federal	
Adjustment Type ▼	Program ▼ Project	D ▼ Planning Organizatio	Name ▼	Project Description ▼	District ▼	Source ▼	Funds ▼	Funds ▼	Funds ▼	Additional Information ▼ Present Information as follows, if applicable: a) Plannin Design / or Construction; b) total project cost and funding sources used: c) advance construction status; d) MPO proj score; e) name of entity receiving a transfer; f) ame of entit paying the non-state non-federal match; g) earmark details; TAP project proponent; i) other information
► Section 2B / State	Prioritized Modernizatio	Projects								
► ADA Retrofits										
	ADA Retrofits	Boston Regio	1	ADA Retrofits			\$ -	\$ -	\$ -	
	ADA Retrofits	Boston Regio	1	ADA Retrofits			\$ -	\$ -	\$ -	
		·			ADA Re	trofits subtotal >	- \$ -	\$ -	\$ -	■ 80% Federal + 20% Non-Federal
► Intersection Impro	ovements									
	Intersection Improvements 6	8567 Boston Regio	n Peabody	PEABODY - IMPROVEMENTS AT ROUTE 114 AT SYLVAN STREET, CROSS STREET, NORTHSHORE MALL, LORIS ROAD, ROUTE 128 INTERCHANGE AND ESQUIRE DRIVE	4	HSIP	\$ 3,200,000	\$ 2,880,000	\$ 320,000	3
	Intersection Improvements 6	8569 Boston Regio	Quincy	QUINCY- INTERSECTION IMPROVEMENTS AT ROUTE 3A (SOUTHERN ARTERY) AND BROAD STREET	6	HSIP	\$ 4,000,000	\$ 3,600,000	\$ 400,000	
	Intersection Improvements	Boston Regio	n		6	HSIP		\$ -	\$ -	
	improvements			Interse	ection Improver	nents subtotal >	- \$ -	\$ -	\$ -	■ Funding Split Varies by Funding Source
► Intelligent Transp	ortation Systems						<u> </u>		<u> </u>	
	Intelligent Transportation Systems	Boston Regio	1	Intelligent Transportation Systems			-	\$ -	\$ -	
	Intelligent Transportation Systems	Boston Regio	1	Intelligent Transportation Systems		7	\$ -	\$ -	\$ -	
	Intelligent Transportation Systems	Boston Regio	n	Intelligent Transportation Systems			\$ -	s -	\$ -	
		•	•	Intelligent Tr	ransportation Sy	stem subtotal >	- \$ -	\$ -	\$ -	■ 80% Federal + 20% Non-Federal
► Roadway Reconst	truction									
	Roadway Reconstruction 6	7977 Boston Regio	n Multiple	HOPKINTON- WESTBOROUGH- RECONSTRUCTION OF I-90/I-495 INTERCHANGE	3	NFP	\$ 27,500,000	\$ 22,000,000	\$ 5,500,000	
	Roadway Reconstruction 6	7977 Boston Regio	Multiple	HOPKINTON- WESTBOROUGH- RECONSTRUCTION OF I-90/I-495 INTERCHANGE	3	NHPP	\$ 12,233,939	\$ 9,787,151	\$ 2,446,788	3
		•	•	Roa	dway Reconstru	uction subtotal	\$ 39,733,939	\$ 31,787,151	\$ 7,946,788	B ◀ Funding Split Varies by Funding Source
	Prioritized Expansion Pr	ojects								
► Bicycles and Pede										
	Bicycles and Pedestrians	Boston Regio	ı	Bicycles and Pedestrians			\$ -	\$ -	\$ -	
	Bicycles and Pedestrians	Boston Regio	n	Bicycles and Pedestrians			\$ -	\$ -	\$ -	
	Bicycles and	Boston Regio	1	Bicycles and Pedestrians			\$ -	s -	\$ -	
	Pedestrians	.,		*	cles and Pedes	trians subtotal >	· \$ -		1	■ 80% Federal + 20% Non-Federal
► Capacity							*	•	•	
	Capacity	Boston Regio	ı	Capacity			\$ -	\$ -	\$ -	
	1	1								

mendment / djustment Type ▼	STIP Program ▼	MassDOT Metropolitan Project ID ▼ 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) Planni Design / or Construction; b) total project cost and funding sources used; c) advance construction status; d) MPO pro; score; e) name of entity receiving a transfer; f) amed of entity paying the non-state non-federal match; g) earmark details; TAP project proponent; i) other information
Section 3 / Plannii	ng / Adjustments	s / Pass-throughs								
Planning / Adjustr	ments / Pass-thr	oughs								
		Boston Region		ABP GANS Repayment	Multiple		\$ -	\$	Ψ	-
		Boston Region		ABP GANS Repayment	Multiple		\$ -	*	T	-
		Boston Region		Award adjustments, change orders, etc.	Multiple		\$ -		-	-
		Boston Region		Award adjustments, change orders, etc.	Multiple		\$ -	*	T	-
		Boston Region		Award adjustments, change orders, etc.	Multiple		\$ -			-
		Boston Region		Award adjustments, change orders, etc.	Multiple Multiple		\$ -		Ÿ	-
		Boston Region		Metropolitan Planning			\$ -	+ -		-
		Boston Region		Metropolitan Planning State Planning and Research Work Program I, (SPR I),	Multiple		\$ -	þ.	- 3	-
		Boston Region		Planning	Multiple		\$ -	\$	- \$	-
		Boston Region		State Planning and Research Work Program II, (SPR II), Research	Multiple	A'	\$ -	\$	- \$	-
		Boston Region		Railroad Crossings	Multiple		\$	\$	- \$	-
		Boston Region		Railroad Crossings	Multiple		\$ -	\$	- \$	-
		Boston Region		Recreational Trails	Multiple		\$ -		Ψ	-
Section 4 / Non-Fe		rojects			orner Statewide	Items subtotal	-	\$	- \$	-
	Non Federal Aid	607977 Boston Region	Multiple	HOPKINTON- WESTBOROUGH- RECONSTRUCTION OF I-90/I-495 INTERCHANGE	3	NFA	\$ 18,112,483		\$ 18,112,4	183
	Non-Federally Aided Projects	Boston Region		Non-Federal Aid			\$ -		\$	- 14000/ NJ - 5 - 1 - 1
					Non-Fede	eral Aid subtotal				83 ◀100% Non-Federal
2022 Sumn	nary						TIP Section 1 - 3: ▼	TIP Section 4:	▼ Total of All Projects ▼	
						Total	► \$ 151,222,276	\$ 18.112	2,483 \$ 169,334,7	59 ◀ Total Spending in Region
						Federal Funds				93 Total 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 Municipal Limitation referenced in this exclusion is applicable to 10 CMR 7.00 applicable to the Road Flagger and Police Details Guidelines. By placing a project on the Road Flagger and Police Details (Guidelines. By placing a project on the Road Flagger and Police Details (Guidelines. By placing a project on the Road Flagger and Police Details (Guidelines. By placing a project on the Road Flagger and Police Details (Guidelines. By placing a project on the Road Flagger and Police Details (Guidelines. By placing a project on the Road Flagger and Police Details (Guidelines. By placing a project on the Road Flagger and Police Details (Guidelines. By placing a project on the Road Flagger and Police Details (Guidelines. By placing a project on the Road Flagger and Police Details (Guidelines. By placing a project on the Road Flagger and Police Details (Guidelines. By placing a project on the Road Flagger and Police Details (Guidelines. By placing a project on the Road Flagger and Police Details (Guidelines. By placing a project on the Road Flagger and Police Details (Guidelines. By placing a project on the Road Flagger and Police Details (Guidelines. By placing a project on the Road Flagger and Police Details (Guidelines. By placing a project on the Road Flagger and Police Details (Guidelines. By placing a project on the Road Flagger and Police Details (Guidelines. By placing a project on the Road Flagger and Police Details (Guidelines. By placing a placing a placing and Police Details (Guidelines. By placing a project on the Roa

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endment / ustment Type ▼	STIP Program ▼	MassDOT Project ID ▼	Metropolitan Planning Organization ▼	Municipality Name ▼	MassDOT Project Description ▼		T Funding ▼ Source ▼	Funds	Programmed s ▼	Federal Funds ▼	Non-Federal Funds ▼	Additional Information ▼ Information Information as follows. If applicable: a) Planning / Design / or Construction: b) total project cost and funding sources used. c) advance construction status, d) MPO project score, e) na of entity receiving a transfer, f) name of entity paying the non-state federal match; g) earmark details; h) TAP project proponent; i) oth information
Section 1A / Regi	onally Prioritize	d Projects										
Regionally Priorit	ized Projects											
	Roadway Reconstruction	606226	Boston Region	Boston	BOSTON- RECONSTRUCTION OF RUTHERFORD AVENUE, FROM CITY SQUARE TO SULLIVAN SQUARE	6	NHPP	\$	13,000,000	\$ 10,400,000	\$ 2,600,000	Construction; NHPP+STP+TAP Total Cost = \$152,000, AC Yr 4 of 5; Total funding in this TIP = \$116,626,515; I Evaluation Score = 59
	Roadway Reconstruction	606226	Boston Region	Boston	BOSTON- RECONSTRUCTION OF RUTHERFORD AVENUE, FROM CITY SQUARE TO SULLIVAN SQUARE	6	STP	\$	26,000,000	\$ 20,800,000	\$ 5,200,000	Construction; NHPP+STP+TAP Total Cost = \$152,000 AC Yr 4 of 5; Total funding in this TIP = \$116,626,515; Evaluation Score = 59
	Roadway Reconstruction	606226	Boston Region	Boston	BOSTON- RECONSTRUCTION OF RUTHERFORD AVENUE, FROM CITY SQUARE TO SULLIVAN SQUARE	6	TAP	s	1,000,000	\$ 800,000	\$ 200,000	Construction; NHPP+STP+TAP Total Cost = \$152,000 AC Yr 4 of 5; Total funding in this TIP = \$116,626,515; Evaluation Score = 59; TAP Proponent = Boston
	Roadway Reconstruction	608348	Boston Region	Beverly	BEVERLY - RECONSTRUCTION OF BRIDGE STREET	4	CMAQ	5	3,000,000	\$ 2,400,000	\$ 600,000	Construction; CMAQ+STP Total Cost = \$6,124,800; M Evaluation Score = 66
	Roadway Reconstruction	608348	Boston Region	Beverly	BEVERLY - RECONSTRUCTION OF BRIDGE STREET	4	STP	\$	3,124,800	\$ 2,499,840	\$ 624,960	Construction; CMAQ+STP Total Cost = \$6,124,800; Evaluation Score = 66
	Roadway Reconstruction	608933	Boston Region	Peabody	PEABODY - REHABILITATION OF CENTRAL STREET	4	CMAQ	\$	3,000,000	\$ 2,400,000	\$ 600,000	Construction; CMAQ+HSIP+STP Total Cost = \$11,20 MPO Evaluation Score = 61
	Roadway Reconstruction	608933	Boston Region	Peabody	PEABODY - REHABILITATION OF CENTRAL STREET	4	HSIP	\$	1,500,000	\$ 1,350,000	\$ 150,000	Construction; CMAQ+HSIP+STP Total Cost = \$11,20 MPO Evaluation Score = 61
	Roadway Reconstruction	608933	Boston Region	Peabody	PEABODY - REHABILITATION OF CENTRAL STREET	4	STP	\$	6,705,600	\$ 5,364,480	\$ 1,341,120	Construction; CMAQ+HSIP+STP Total Cost = \$11,20 MPO Evaluation Score = 61
	Roadway Reconstruction	607244	Boston Region	Winthrop	WINTHROP - RECONSTRUCTION & RELATED WORK ALONG WINTHROP STREET & REVERE STREET CORRIDOR	6	CMAQ	\$	2,000,000	\$ 1,600,000	\$ 400,000	Construction; CMAQ+STP+TAP Total Cost = \$4,060 MPO Evaluation Score = 47
	Roadway Reconstruction	607244	Boston Region	Winthrop	WINTHROP - RECONSTRUCTION & RELATED WORK ALONG WINTHROP STREET & REVERE STREET CORRIDOR	6	STP	\$	1,500,000	\$ 1,200,000	\$ 300,000	Construction; CMAQ+STP+TAP Total Cost = \$4,060 MPO Evaluation Score = 47
	Roadway Reconstruction	607244	Boston Region	Winthrop	WINTHROP - RECONSTRUCTION & RELATED WORK ALONG WINTHROP STREET & REVERE STREET CORRIDOR	6	TAP	\$	560,000	\$ 448,000	\$ 112,000	Construction; CMAQ+STP+TAP Total Cost = \$4,060 MPO Evaluation Score = 54; TAP Proponent = Wint
	Roadway Reconstruction	605743	Boston Region	lpswich	IPSWICH - RESURFACING &RELATED WORK ON CENTRAL & SOUTH MAIN STREETS	4	STP	\$	2,500,000	\$ 2,000,000	\$ 500,000	Construction; STP+TAP Total Cost = \$3,019,550; N Evaluation Score = 47
	Roadway Reconstruction	605743	Boston Region	lpswich	IPSWICH - RESURFACING & RELATED WORK ON CENTRAL & SOUTH MAIN STREETS	4	TAP	\$	519,550	\$ 415,640	\$ 103,910	Construction; STP+TAP Total Cost = \$3,019,550; N Evaluation Score = 47; TAP Proponent = Ipswict
	Roadway Reconstruction	608887	Boston Region	Bellingham	BELLINGHAM - REHABILITATION AND RELATED WORK ON ROUTE 126, FROM DOUGLAS DRIVE TO ROUTE 140	3	CMAQ	\$	2,000,000	\$ 1,600,000	\$ 400,000	Construction; CMAQ+STP+TAP Total Cost = \$6,960 MPO Evaluation Score = 45
	Roadway Reconstruction	608887	Boston Region	Bellingham	BELLINGHAM - REHABILITATION AND RELATED WORK ON ROUTE 126, FROM DOUGLAS DRIVE TO ROUTE 140	3	STP	\$	4,000,000	\$ 3,200,000	\$ 800,000	Construction; CMAQ+STP+TAP Total Cost = \$6,960 MPO Evaluation Score = 45
	Roadway Reconstruction	608887	Boston Region	Bellingham	BELLINGHAM - REHABILITATION AND RELATED WORK ON ROUTE 126, FROM DOUGLAS DRIVE TO ROUTE 140	3	TAP	\$	960,000	\$ 768,000	\$ 192,000	Construction; CMAQ+STP+TAP Total Cost = \$6,960 MPO Evaluation Score = 45; TAP Proponent = Bellin
	Roadway Reconstruction	608707	Boston Region	Quincy	QUINCY - RECONSTRUCTION OF SEA STREET	6	STP	\$	6,300,000	\$ 5,040,000	\$ 1,260,000	Construction; STP+TAP Total Cost = \$6,526,254; N Evaluation Score = 40
	Roadway Reconstruction	608707	Boston Region	Quincy	QUINCY - RECONSTRUCTION OF SEA STREET	6	TAP	\$	226,254	\$ 181,003	\$ 45,251	Construction; STP+TAP Total Cost = \$6,526,254; I Evaluation Score = 40; TAP Project Proponent = Q

nent /	STIP	MassDOT	Metropolitan	Municipality Name	Improvement Program		Funding	Total Programmed	Federal		Non-Federal	
ent Type ▼	Program ▼	Project ID ▼	Planning Organization ▼	•	Project Description ▼		Source ▼	Funds ▼	Funds ▼		Funds ▼	Additional Information ** Present information as follows, if applicable: a) Planning Design / or Construction: b) total project cost and funding sou used: c) advance construction status; d) MPO project score; of entity receiving a transfer; f) name of entity paring the non- federal match; g) earmark details; h) TAP project proponent; information
	Roadway Reconstruction	608007	Boston Region	Multiple	COHASSET/SCITUATE - CORRIDOR IMPROVMENTS AND RELATED WORK ON JUSTICE CUSHING HIGHWAY (ROUTE 3A), FROM BEECHWOOD STREET TO HENRY TURNER BAILEY ROAD	5	HSIP	\$ 1,500,00	0 \$	1,350,000	\$ 150,0	Construction; HSIP+STP+TAP Total Cost = \$4,640,23 Evaluation Score = 37
	Roadway Reconstruction	608007	Boston Region	Multiple	COHASSET/SCITUATE - CORRIDOR IMPROVMENTS AND RELATED WORK ON JUSTICE CUSHING HIGHWAY (ROUTE 3A), FROM BEECHWOOD STREET TO HENRY TURNER BAILEY ROAD	5	STP	\$ 3,000,00	0 \$	2,400,000	\$ 600,0	Construction; HSIP+STP+TAP Total Cost = \$4,640,23 Evaluation Score = 37
	Roadway Reconstruction	608007	Boston Region	Multiple	COHASSET/SCITUATE - CORRIDOR IMPROVMENTS AND RELATED WORK ON JUSTICE CUSHING HIGHWAY (ROUTE 3A), FROM BEECHWOOD STREET TO HENRY TURNER BAILEY ROAD	5	TAP	\$ 140,23	2 \$	112,186	\$ 28,	Construction; HSIP+STP+TAP Total Cost = \$4,640,23 Evaluation Score = 37; TAP Proponent = MassD
	Roadway Reconstruction	607899	Boston Region	Dedham	DEDHAM - PEDESTRIAN IMPROVEMENTS ALONG BUSSEY STREET, INCLUDING SUPERSTRUCTURE REPLACEMENT, D-05-010, BUSSEY STREET OVER MOTHER BROOK	6	STP	\$ 4,000,00	0 \$	3,200,000	\$ 800,0	Construction; STP+TAP Total Cost = \$4,527,196; Evaluation Score = 35
	Roadway Reconstruction	607899	Boston Region	Dedham	DEDHAM - PEDESTRIAN IMPROVEMENTS ALONG BUSSEY STREET, INCLUDING SUPERSTRUCTURE REPLACEMENT, D-05-010, BUSSEY STREET OVER MOTHER BROOK	6	TAP	\$ 527,19	6 \$	421,757	\$ 105,	39 Construction; STP+TAP Total Cost = \$4,527,196 Evaluation Score = 35; TAP Proponent = Dedh
	Intersection Improvements	603739	Boston Region	Wrentham	WRENTHAM - CONSTRUCTION OF A SLIP RAMP FROM ROUTE 1A NB TO 1-495 SB AND ASSCOCIATED INTERSECTION IMPROVEMENTS ALONG ROUTE 1A	5	HSIP	\$ 2,500,00	0 \$	2,250,000	\$ 250,0	Construction; HSIP+STP+TAP Total Cost = \$11,6 MPO Evaluation Score = 55
	Intersection Improvements	603739	Boston Region	Wrentham	WRENTHAM - CONSTRUCTION OF A SLIP RAMP FROM ROUTE 1A NB TO 1-95 SB AND ASSCOCIATED INTERSECTION IMPROVEMENTS ALONG ROUTE 1A	5	STP	\$ 8,600,00	0 \$	6,880,000	\$ 1,720,	Construction; HSIP+STP+TAP Total Cost = \$11,6 MPO Evaluation Score = 55
	Intersection Improvements	603739	Boston Region	Wrentham	WRENTHAM - CONSTRUCTION OF A SLIP RAMP FROM ROUTE 1A NB TO 1495 SB AND ASSCOCIATED INTERSECTION IMPROVEMENTS ALONG ROUTE 1A	5	TAP	\$ 500,00	0 \$	400,000	\$ 100,0	Construction; HSIP+STP+TAP Total Cost = \$11,6 MPO Evaluation Score = 55; TAP Proponent = Ma
	Intersection Improvements	607305	Boston Region	Reading	READING - INTERSECTION SIGNALIZATION @ ROUTE 28 & HOPKINS STREET	4	HSIP	\$ 468,28	3 \$	421,455	\$ 46,	28 Construction; HSIP+STP Total Cost = \$1,468,289 Evaluation Score = 38
	Intersection Improvements	607305	Boston Region	Reading	READING - INTERSECTION SIGNALIZATION @ ROUTE 28 & HOPKINS STREET	4	STP	\$ 1,000,00	0 \$	800,000	\$ 200,	Construction: UCID CTD Total Cost - \$1 469 39
	Intersection Improvements	608443	Boston Region	Multiple	LITTLETON- AYER - INTERSECTION IMPROVEMENTS ON ROUTE 2A AT WILLOW ROAD AND BRUCE STREET	3	HSIP	\$ 1,000,00	0 \$	900,000	\$ 100,0	Construction: HSID±STP Total Cost = \$2.784.00
	Intersection Improvements	608443	Boston Region	Multiple	LITTLETON- AYER - INTERSECTION IMPROVEMENTS ON ROUTE 2A AT WILLOW ROAD AND BRUCE STREET	3	STP	\$ 1,784,00	0 \$	1,427,200	\$ 356,	Construction; HSIP+STP Total Cost = \$2,784,00 Evaluation Score = 36
	Planning / Adjustments /	BN0009	Boston Region	Multiple	COMMUNITY TRANSPORTATION PROGRAM	N/A	CMAQ	\$ 2,000,00	0 6	1,600,000	\$ 400.	Planning, Design, or Construction; Set Aside for LR Air and Mobility Program

2023	Bosto	n Regi	on Trans	portation	Improvement Program	n					
Amendment / Adjustment Type ▼	STIP Program ▼	MassDOT Project ID ▼	Metropolitan Planning Organization ▼	Municipality Name ▼	MassDOT Project Description ▼	MassDOT Funding District ▼ Source	Total Programm		Federal Funds ▼	Non-Federal Funds ▼	Additional Information ▼ Present information as follows, if applicable: a) Planning / Present information as follows, if applicable: a) Planning / Design / or Construction; b) total project cost and funding sources used; c) advance construction satiset, d) MPO preject source; b) rand of entity inceiving a transfer; f) name of entity paying the non-state federal match; g) earmand details; h) TAP project proponent; f) other information.
► Section 1A / Fisca	I Constraint An	alysis			<u>Total Regional Federa</u>	al Aid Funds Programm	ed ▶ \$ 10	04,915,915		,849 ⊲ Total Budget	\$ 4,095,934 Target Funds Available
						STP programm	ed ▶ \$	81,514,400	\$ 65,211	,520 ◀ STP	
	Section 1A instr Column E) Choose	e Municipality Name fr	om dropdown list; Column H	Choose the Funding Source	oulate header and MPO column; Column C) Enter ID from ProjectInfo; being used for the project - if multiple funding sources are being used ent	HSIP programm ter	ed ▶ \$	6,968,283	\$ 6,271	,455 ◀ HSIP	
	multiple lines; Col	umn I) Enter the total a	amount of funds being prograr	nmed in this fiscal year and fo	each funding source; Column J) Federal funds autocalculates. Please ease verify the split/match - if matching an FTA flex, coordinate with Rai	CMAO programm	ed ▶ \$	12,000,000	\$ 9,600	,000 ◄ CMAQ	
	Transit Division be	fore programming; Col	lumn L) Enter Additional Info	mation as described - please	do not use any other format.	TAP programm	ed ▶ \$	4,433,232	\$ 3,546	5,586 ◀ TAP	
► Section 1B / Earm		nary Grant Fund	led Projects								
► Other Federal Aid											
			Boston Region		Other Federal Aid	HPF	\$		\$	- \$ -	
			Boston Region		Other Federal Aid	HPF	\$	-	\$	- \$ -	
► Section 2A / State	Prioritized Pol	ability Projects				Other Federal Aid subto	al ▶ \$	-	\$	- \$ -	■ Funding Split Varies by Funding Source
► Bridge Program / I		ability Projects									
- Drago i rogiami	Bridge Program		Boston Region		Bridge Inspection		\$	-	\$	- \$ -	
	Bridge Program		Boston Region		Bridge Inspection		\$	-	\$	- \$ -	
			•		Bridge Pro	gram / Inspections subto	al ► \$	-	\$	- \$ -	■ Funding Split Varies by Funding Source
► Bridge Program / 0	Off-System										·
	Bridge Program		Boston Region		Bridge Program / Off-System		\$ \$	-	\$	- \$ - - \$ -	
	Bridge Program Bridge Program		Boston Region Boston Region		Bridge Program / Off-System Bridge Program / Off-System		\$		\$	- \$ - - \$ -	
	Bridge Program		Boston Region		Bridge Program / Off-System		\$		\$	- s -	
	Bridge Program		Boston Region		Bridge Program / Off-System		\$		\$	- \$ -	
	Bridge Program		Boston Region		Bridge Program / Off-System		\$		\$	- \$ -	
	Bridge Program		Boston Region	_	Bridge Program / Off-System Bridge Pro	ogram / Off-System subto	s \$		\$	- \$ - - \$ -	■ 80% Federal + 20% Non-Federal
► Bridge Program / 0	On-System (NH	S)									<u>'</u>
	Bridge Program		Boston Region			NHPP-)n				
						NHPP-					
	Bridge Program		Boston Region			NAPP-	JII .				
	Bridge Program		Boston Region			NHPP-	On				
	Bridge Program		Boston Region			NHPP-	On				
	•				Bridge Program /	On-System (NHS) subto	al► \$	-	\$	- \$ -	■ Funding Split Varies by Funding Source
► Bridge Program / (On-System (No	n-NHS)									
	Bridge Program		Boston Region		Prides Pressure (On 6	NHPP-			\$	- \$ - - \$	4 000/ Federal - 000/ New Federal
					Bridge Program / On-s	System (Non-NHS) subto	al ► S	-	\$	- \$ -	■ 80% Federal + 20% Non-Federal
► Bridge Program / S	Systematic Mai	ntenance	1								
	Bridge Program		Boston Region			NHPP-			\$	- \$ -	
					Bridge Program / Syster	matic Maintenance subto	al► \$	-	\$	- \$	■ Funding Split Varies by Funding Source
► Interstate Paveme		1		1				,			
	Interstate Pavement		Boston Region		Interstate Pavement		\$	-	\$	- \$ -	
					Ins	sterstate Pavement subto	al ► \$	-	\$	- \$ -	■ 90% Federal + 10% Non-Federal
► Non-Interstate Pav	/ement										-
	Non-Interstate Pavement	608495	Boston Region	Multiple	CONCORD- LINCOLN- LEXINGTON RESURFACING AND RELATED WORK ON ROUTE 2A	4 NHP	\$	3,480,000	\$ 2,78	4,000 \$ 696,000	
	Non-Interstate	609102	2 Boston Region	Multiple	WENHAM- MANCHESTER- ESSEX- GLOUCESTER- PAVEMENT PRESERVATION AND RELATED WORK ON	4 NHP	\$	13,731,802	\$ 10.98	35,442 \$ 2,746,36	0
	Pavement			-, -	ROUTE 128	nterstate Pavement subto	al ▶ \$	17,211,802			0 ■ 80% Federal + 20% Non-Federal

Amendment /	STIP	MassDOT	Metropolitan	portation Municipality Name	MassDOT	MassDOT	Funding	Total Programmed	Federal	Non-Federal	
Adjustment Type ▼	Program ▼	Project ID ▼	Planning Organization ▼	wunicipality Name ▼	massUri Project Description ▼		Source ▼	Funds ▼	Funds ▼	Funds ▼	Additional Information ▼ Present information I ▼ Present information as follows, if applicable: a) Planning / Design / or Construction: b) total project cost and funding sources used: d) advance construction status; d) MPD project score; e) nan of entity precision and entity project in one entities of entity project in one entities in formation match; d) earmark details; h) TAP project proponent; f) other information.
► Roadway Improv	ements										
	Roadway Improvements		Boston Region		Roadway Improvements			\$	- \$	- \$	
	Roadway Improvements		Boston Region		Roadway Improvements			\$	- \$	- \$	
	Roadway Improvements		Boston Region		Roadway Improvements			\$	- \$	- \$ -	
				•	Road	way Improvem	ents subtotal >	\$.	. \$	- \$ -	■ 80% Federal + 20% Non-Federal
► Safety Improvem	ents		ı		T						
	Safety Improvements	609053	Boston Region	Multiple	CANTON-DEDHAM-NORWOOD- HIGHWAY LIGHTING IMPROVEMENTS AT 193 & 195/128	6	NHPP	\$ 4,000,0	3,600,0	\$ 400,000	
	Safety Improvements	609058	Boston Region	Multiple	PEABODY TO GLOUCESTER- GUIDE AND TRAFFIC SIGN REPLACEMENT ON ROUTE 128	4	HSIP	\$ 1,960,8	48 \$ 1,764,70	\$ 196,085	
	Safety Improvements	609060	Boston Region	Multiple	LYNNFIELD- PEABODY- DANVERS- GUIDE AND TRAFFIC SIGN REPLACEMENT ON I-95/128 (TASK 'A' INTERCHANGI		HSIP	\$ 492,8	62 \$ 443,5	76 \$ 49,286	
	Safety Improvements		Boston Region				HSIP		s	- s -	
	Safety Improvements		Boston Region				HSIP		\$	- \$ -	
		2			Sa	fety Improvem	ents subtotal >	\$ 6,453,71	1 \$ 5,808,34	0 \$ -	■ Funding Split Varies by Funding Source
► Section 2B / State	Prioritized Mod	lernization Projec	cts								
► ADA Retrofits	ADA Retrofits		Boston Region		ADA Retrofits			s	e	- s -	
	ADA Retrofits				ADA Retrofits			3	- 9	- s	
	ADA Retrorits		Boston Region		ADA Retrofits	ADA Petr	ofits subtotal >		- \$ · \$	*	■ 80% Federal + 20% Non-Federal
► Intersection Impr	ovements					ADATIC	onto Subtotal P	. •	- 	Ţ	4 00 /61 Caciai · 20 /6 Noiri Caciai
	Intersection Improvements	608052	Boston Region	Norwood	NORWOOD- INTERSECTION & SIGNAL IMPROVEMENTS A US 1 (PROVIDENCE HIGHWAY) & MORSE STREET	T 5	HSIP	\$ 974,8	15 \$ 877,3	\$ 97,482	
	Intersection Improvements	608564	Boston Region	Watertown	WATERTOWN- INTERSECTION IMPROVEMENTS AT ROU' 16 AND GALEN STREET	FE 6	HSIP	\$ 2,630,0	00 \$ 2,367,0	00 \$ 263,000	
	Intersection	200522	Boston Region	Marlborough	MARLBOROUGH- IMPROVEMENTS AT ROUTE 20 (EAST	3	HSIP	\$ 5,200,0	00 \$ 2,505,6	00 \$ 278,400	
	Improvements Intersection	000000	Doston Region	Waliborough	MAIN STREET) AT CURTIS AVENUE				, ,,,,,		

Intelligent Transportation Intelligent Transportation Intellige Transportation Intellige Transportation Intellige Transportation Intellige Transportation Roadway Reconstruction Roadway Recons Section 2C / State Prioritif Bicycles and Pedestrians Bicycle Pedest Bicycle Pedest Bicycle	on System liligent issportation tems liligent issportation tems on the sportation temperature is sportation to the sportation temperature is sportation temperature in the sportation temperature is sportation to the sportatio	607977 ansion Projects	Metropolitan Planning Organization ▼ Boston Region Boston Region	Multiple Multiple	Project Description ▼ Intelligent Transportation Systems Intell	portation Sy 3 y Reconstru	Source ▼	\$ 30,000,000 \$ 30,000,000 \$ - \$ - \$ - \$ - \$ -	\$ - \$ - \$ -	\$ - \$ - \$ - 0 \$ 6,000,000 \$ 5,000,000	Additional Information ▼ Present Information as follows, if applicable: a) Planning / Present Information as follows, if applicable: a) Planning / Design / or Construction, b) total project cost and funding source used: a) advance construction status, d) MPO project score, a) of entity receiving a transfer, finance of entity peopling the non-studed match; g) sermark details; h) TAP project proponent; f) information ■ 80% Federal + 20% Non-Federal ■ Funding Split Varies by Funding Source
Intellige Transpo System Intellige Transport Intell	iligent issportation terms liligent li	607977 ansion Projects	Boston Region	Multiple	Intelligent Transportation Systems Intelligent Transportation Sys	3 y Reconstru	NFP ction subtotal	\$ \$ 30,000,000 • \$ 30,000,000 \$ \$ \$ \$	\$	\$ - \$ - \$ - 0 \$ 6,000,000 \$ 5,000,000	Funding Split Varies by Funding Source
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Transp. System Intellige Transp. System Roadway Reconstruction Roadw	insportation terms and insportation terms and insportation terms and insportation terms and insportation and	ansion Projects	Boston Region	Multiple	Intelligent Transportation Systems Intelligent Transportation Systems HOPKINTON- WESTBOROUGH- RECONSTRUCTION OF I- 90/I-495 INTERCHANGE Roadwar Bicycles and Pedestrians	3 y Reconstru	NFP ction subtotal	\$ \$ 30,000,000 • \$ 30,000,000 \$ \$ \$ \$ \$	\$ 24,000,000 \$ 24,000,000 \$	\$ - 0 \$ 6,000,000 \$ 6,000,000 \$ \$ - \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ \$ - \$ \$ \$ - \$ \$ \$ - \$ \$ \$ - \$ \$ \$ - \$ \$ \$ - \$ \$ \$ - \$ \$ \$ - \$ \$ \$ - \$ \$ \$ - \$ \$ \$ - \$ \$ \$ - \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ \$ - \$ \$ \$ \$ \$ - \$ \$ \$ \$ \$ - \$ \$ \$ \$ \$ - \$ \$ \$ \$ \$ - \$ \$ \$ \$ \$ - \$ \$ \$ \$ \$ - \$ \$ \$ \$ \$ - \$ \$ \$ \$ \$ - \$ \$ \$ \$ \$ \$ - \$ \$ \$ \$ \$ \$ - \$ \$ \$ \$ \$ \$ - \$ \$ \$ \$ \$ \$ - \$ \$ \$ \$ \$ \$ - \$ \$ \$ \$ \$ \$ - \$ \$ \$ \$ \$ \$ \$ \$ - \$ \$ \$ \$ \$ \$ \$ \$ - \$	Funding Split Varies by Funding Source
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Roadw. Recons Section 2C / State Prioriti; Bicycles and Pedestrians Bicycle Pedestr Bicycle Pedestr Bicycle Pedestr Capacity Capacity Capacit Capacity Adju	dway onstruction itized Exp ns ncles and estrians voles and estrians voles and estrians acity acity	ansion Projects	Boston Region Boston Region Boston Region Boston Region Boston Region	Multiple	Bicycles and Pedestrians Bicycles and Pedestrians Bicycles and Pedestrians Bicycles and Pedestrians Capacity	y Reconstru	ction subtotal >	\$ 30,000,000 \$. \$. \$. \$.	\$ 24,000,000 \$ - \$ - \$ -	\$ - \$ - \$ - \$ -	▼ Funding Split Varies by Funding Source
Recons Section 2C / State Prioritiz Bicycles and Pedestrians Bicycle Pedestr Bicycle Pedestr Bicycle Pedestr Bicycle Pedestr Capacity	onstruction ritized Exp ns ns cless and estrians roles and estrians digustment	ansion Projects	Boston Region Boston Region Boston Region Boston Region Boston Region	Multiple	Bicycles and Pedestrians Bicycles and Pedestrians Bicycles and Pedestrians Bicycles and Pedestrians Capacity	y Reconstru	ction subtotal >	\$ 30,000,000 \$. \$. \$. \$.	\$ 24,000,000 \$ - \$ - \$ -	\$ - \$ - \$ - \$ -	▼ Funding Split Varies by Funding Source
Bicycles and Pedestrians Bicycles Bicycles Bicycles Pedestr Bicycles Pedestr Bicycles Pedestr Capacity Capacity Capacity Adju	roles and estrians	s / Pass-through	Boston Region Boston Region Boston Region Boston Region		Bicycles and Pedestrians Bicycles and Pedestrians Bicycles and Pedestrians Bicycles and Pedestrians Bicycles	4		S	\$ - \$ - \$ -	\$ - \$ - \$ -	
Bicycles and Pedestrians Bicycles Bicycles Bicycles Bicycles Pedestr Bicycles Pedestr Capacity Capacity Capacit Capacity Adju	roles and estrians	s / Pass-through	Boston Region Boston Region Boston Region Boston Region		Bicycles and Pedestrians Bicycles and Pedestrians Bicycles Capacity	and Pedest	rians subtotal >	s - s - s	\$ - \$ - \$ -	\$ -	■ 80% Federal + 20% Non-Federal
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Pedesti Bicycle Pedesti Bicycle Pedesti Capacity Capacity Capacity Capacity Adju	estrians voles and estrians voles and estrians voles and estrians voles and estrians		Boston Region Boston Region Boston Region Boston Region		Bicycles and Pedestrians Bicycles and Pedestrians Bicycles Capacity	and Pedest	rians subtotal >	s - s - s	\$ - \$ - \$ -	\$ -	■ 80% Federal + 20% Non-Federal
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Pedesti Capacity Capacit Capacit Capacit Adju	estrians acity acity		Boston Region Boston Region		Bicycles	and Pedest	rians subtotal ▶	s -	\$ -	\$ -	■ 80% Federal + 20% Non-Federal
Capacit Capacit Gection 3 / Planning / Adju	acity .djustment		Boston Region		Capacity	and Pedest	rians subtotal ▶	\$ -			■ 80% Federal + 20% Non-Federal
Capacit Capacit Section 3 / Planning / Adju	acity .djustment		Boston Region					-	\$ -	\$ -	
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Section 3 / Planning / Adju	djustment				Capacity						
			IS						\$ -	*	15 5 0 5 4 5 5 5 0
			ıə			Сар	acity subtotal >		-	-	■ Funding Split Varies by Funding Source
Tuling, Augustina,	/ Pace-th					$\overline{}$					
	771 400 111	l agno	Boston Region		ABP GANS Repayment	Multiple		\$ -	\$ -	\$ -	
			Boston Region		ABP GANS Repayment	Multiple			\$ -	\$ -	
			Boston Region		Award adjustments, change orders, etc.	Multiple			\$ -	\$ -	
			Boston Region		Award adjustments, change orders, etc.	Multiple			\$ - \$ -	\$ -	
			Boston Region Boston Region		Award adjustments, change orders, etc. Award adjustments, change orders, etc.	Multiple Multiple			\$ - \$ -	Ψ	
			Boston Region		Metropolitan Planning	Multiple			\$ -	9 -	
			Boston Region		Metropolitan Planning	Multiple		*	\$ -	\$ -	
			Boston Region		State Planning and Research Work Program I, (SPR I), Planning				\$ -	\$ -	
			Boston Region		State Planning and Research Work Program II, (SPR II), Research	Multiple		\$ -	s -	\$ -	
			Boston Region	-	Railroad Crossings	Multiple		•	\$ -	e .	
			Boston Region		Railroad Crossings	Multiple				\$ -	
			Boston Region		Recreational Trails	Multiple			\$ -		
				<u>'</u>	Other	Statewide I	tems subtotal >		\$ -	\$ -	■ Funding Split Varies by Funding Source
ection 4 / Non-Federally		rojects									
lon-Federally Aided Proje	ojects							1		nuit.	
Non Fe	Federal Aid	607977	Boston Region	Multiple	HOPKINTON- WESTBOROUGH- RECONSTRUCTION OF I- 90/I-495 INTERCHANGE	3	NFA	\$ 18,112,483		\$ 18,112,48	3
	-Federally ed Projects		Boston Region		Non-Federal Aid			\$ -		\$ -	
				•	•	Non-Federa	al Aid subtotal▶	\$ 18,112,483		\$ 18,112,483	■100% Non-Federal
023 Summary								TIP Section 1 - 3: ▼	TIP Section 4: ▼	Total of All Projects ▼	
	y _										
	У										
	у						Total ▶ ederal Funds ▶				 ▼ Total Spending in Region ▼ Total 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 Municipality advanced in the TIP, the Commonwealth is the Awarding Authority. For all projects contained in the TIP, the Commonwealth is the Awarding Authority. Therefore, all projects must be considered and implementation in accordance with 701 CMR 7:00 is applicable to its project and design and construction will be fully compliant with this Regulation. This information, and accidence and implementation can be found at the following link on the MessaCOT Highway Division websites: http://www.messadot.accidence.acciden

TABLE 3-3 MBTA Federal Capital Program

FFY 2019-2023 TIP (Federal Share Only)

Presented to the Boston MPC	O on 3/15/2018
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Project Information			FY19-	23 TIP (Federal SI	nare Only)		FFY19-23	FFY19-23
		FFY19	FFY20	FFY21	FFY22	FFY23	Totals	Totals
TIP Program	ALI	(Fed. Share)	(Fed. Share)	(Fed. Share)	(Fed. Share)	(Fed. Share)	(Fed. Share)	(Fed + Match)
Section 5307 Funds:								
Revenue Vehicle Program	12.12.00	\$189,206,168	\$146,121,933	\$82,321,933	\$146,121,933	\$146,121,933	\$709,893,902	\$887,367,377
Stations and Facilities Program	12.34.00	\$24,234,862	\$0	\$0	\$0	\$0	\$24,234,862	\$30,293,578
Signals/Systems Upgrade Program	12.63.01	\$72,000,000	\$0	\$63,800,000	\$0	\$0	\$135,800,000	\$169,750,000
		\$285,441,031	\$146,121,933	\$146,121,933	\$146,121,933	\$146,121,933	\$869,928,764	\$1,087,410,955
Section 5337 Funds:								
Bridge and Tunnel Program	12.24.05	\$105,720,000	\$0	\$0	\$80,000,000	\$83,270,751	\$268,990,751	\$336,238,439
Stations and Facilities Program	12.34.00	\$58,698,710	\$58,679,669	\$85,893,004	\$25,893,004	\$7,515,175	\$236,679,562	\$295,849,453
Elevator and Escalator Program	12.34.02	\$0	\$27,213,335	\$0	\$0	\$0	\$27,213,335	\$34,016,669
Signals/Systems Upgrade Program	12.63.01	\$120,000,000	\$60,000,000	\$60,000,000	\$40,000,000	\$55,107,078	\$335,107,078	\$418,883,848
		\$284,418,710	\$145,893,004	\$145,893,004	\$145,893,004	\$145,893,004	\$867,990,727	\$1,084,988,409
Section 5339 Funds:								
Bus Program	11.14.00	\$11,007,669	\$5,683,653	\$5,683,653	\$5,683,653	\$5,683,653	\$33,742,282	\$42,177,852
		\$11,007,669	\$5,683,653	\$5,683,653	\$5,683,653	\$5,683,653	\$33,742,282	\$42,177,852
Green Line Extension Funding (FFGA):								
Green Line Extension - New Starts (FFGA)	13.33.02	\$600,000,000	\$150,000,000	\$100,000,000	\$46,121,000	\$0	\$896,121,000	\$1,792,242,000
		\$600,000,000	\$150,000,000	\$100,000,000	\$46,121,000	\$0	\$896,121,000	\$1,792,242,000
Other FTA Funding:								
Quincy Center Bus Terminal - 5339 Discretionary	12.31.11	\$4,273,771	\$0	\$0	\$0	\$0	\$4,273,771	\$5,342,214
Repurposed Bus Earmarks	11.24.01	\$2,039,691	\$0	\$0	\$0	\$0	\$2,039,691	\$2,549,614
Positive Train Control - RRIF/TIFIA Financing	12.63.01	\$0	\$0	\$382,000,000	\$0	\$0	\$382,000,000	\$477,500,000
		\$6,313,462	\$0	\$382,000,000	\$0	\$0	\$388,313,462	\$485,391,828

Note:

FTA formula funds are based on estimated apportionments. Once the FAST ACT expires after FFY20, future apportionments are assumed to be level-funded for FFY21-23.

For TIP purposes, it is assumed that all FFY18 FTA formula funds (which have not yet been made available) will be carried forward into FFY19.

TIP programs and projects are based on a preliminary draft CIP as of 3/9/18. Adjustments will be made to federal projects and budgets as the CIP process is finalized.

The "ALI" code is preliminary only, and generally reflects the bulk of the TIP program. Within a program there may be several project types with different ALI codes.

Green Line Extension funding is based on the FFGA. \$100M (FFY15 funds) has been obligated to date. FFY19 includes \$600M (\$150M annually for FFY16-19).

TABLE 3-4

MBTA Federal Capital Program - FTA Formula Funds FFY 2019-2023 TIP - Project-Level Backup for Informational Purposes

Presented to the Boston MPO on 3/15/2018

Section 5307 - Urbanized Formula Funds

5307 - Revenue Vehicle Program	Federal Share	MBTA Match	Total
DMA Bus Replacement	\$78,690,003	\$19,672,501	\$98,362,504
Green Line Light Rail Fleet Replacement - Design	\$4,000,000	\$1,000,000	\$5,000,000
Green Line Train Protection	\$135,470,052	\$33,867,513	\$169,337,565
Locomotive Overhaul	\$24,000,000	\$6,000,000	\$30,000,000
MBTA Catamaran Overhaul	\$7,493,568	\$1,873,392	\$9,366,960
Midlife Overhaul of 25 New Flyer Allison Hybrid 60 ft Articulated Buses	\$12,702,054	\$3,175,514	\$15,877,568
Overhaul of 33 Kawasaki 900 Series Bi-Level Coaches	\$62,257,345	\$15,564,336	\$77,821,681
Procurement of Bi-Level Commuter Rail Coaches	\$99,344,131	\$24,836,033	\$124,180,164
Procurement of 194 New Flyer Hybrid 40 ft Buses	\$138,372,573	\$34,593,143	\$172,965,716
Procurement of Battery Electric 40 ft Buses and Related infrastructure (5307)	\$8,596,955	\$2,149,239	\$10,746,194
Procurement of 40 ft Buses	\$95,135,134	\$23,783,784	\$118,918,918
Red Line No. 3 Car - Targeted Reliability Improvements	\$35,226,739	\$8,806,685	\$44,033,424
TIP Program Allowance	\$8,605,346	\$2,151,337	\$10,756,683
	\$709,893,901	\$177,473,475	\$887,367,377
5307 - Stations and Facilities Program	Federal Share	MBTA Match	Total
Bus Route Safety and Service Improvements	\$6,589,422	\$1,647,355	\$8,236,777
Charlestown Bus - Seawall Rehab	\$17,645,441	\$4,411,360	\$22,056,801
	\$24,234,863	\$6,058,716	\$30,293,578
5307 - Signals/Systems Upgrade Program	Federal Share	MBTA Match	Total
Green Line - Central Tunnel Interlocking Signals	\$64,360,000	\$16,090,000	\$80,450,000
Green Line Riverside to Reservoir - Signal & Track Work	\$71,440,000	\$17,860,000	\$89,300,000
	\$135,800,000	\$33,950,000	\$169,750,000
Section 5307 Totals	\$869,928,764	\$217,482,191	\$1,087,410,955

Section 5337 - State of Good Repair

5337 - Bridge and Tunnel Program

Bridge Bundling Contract (6 Bridges)	
Bridge Design / Inspection & Rating Program	
Bridge Repair Program	
North Station Draw 1 Bridge Replacement	
Tunnel Rehabilitation Program	
TIP Program Allowance	

Federal Share	MBTA Match	Total
\$105,720,000	\$26,430,000	\$132,150,000
\$25,391,729	\$6,347,932	\$31,739,661
\$8,722,002	\$2,180,501	\$10,902,503
\$108,800,000	\$27,200,000	\$136,000,000
\$12,522,337	\$3,130,584	\$15,652,922
\$7,834,682	\$1,958,671	\$9,793,353
\$268,990,750	\$67,247,688	\$336,238,439

5337 - Stations and Facilities Program

Commonwealth Ave Stations Access
Downtown Crossing Vertical Transportation Improvements Phase 2
Forest Hills Improvement Project
Harvard Square Busway Repairs
Hingham Ferry Dock Modification
Iron Horse Operations Control Center
Natick Center Station Accessibility Project
Newton Highlands Green Line Station Accessibility Project
Oak Grove Station Vertical Transportation Improvements
Old South Meeting House Leak Repairs
Park Street Station Wayfinding Improvements Construction
Ruggles Station Upgrade - Accessibility (Design)
Savin Hill Underpass
South Attleboro Station Improvements
Symphony Station Improvements
Winchester Center Station
TIP Program Allowance

Federal Share	MBTA Match	Total
\$16,511,947	\$4,127,987	\$20,639,934
\$13,040,000	\$3,260,000	\$16,300,000
\$24,326,390	\$6,081,598	\$30,407,988
\$18,089,763	\$4,522,441	\$22,612,204
\$18,489,531	\$4,622,383	\$23,111,914
\$9,668,534	\$2,417,134	\$12,085,668
\$32,000,000	\$8,000,000	\$40,000,000
\$1,760,506	\$440,126	\$2,200,632
\$10,636,354	\$2,659,089	\$13,295,443
\$10,340,603	\$2,585,151	\$12,925,754
\$1,108,000	\$277,000	\$1,385,000
\$9,013,235	\$2,253,309	\$11,266,544
\$1,600,000	\$400,000	\$2,000,000
\$2,787,200	\$696,800	\$3,484,000
\$2,100,654	\$525,164	\$2,625,818
\$30,615,840	\$7,653,960	\$38,269,801
\$27,697,425	\$6,924,356	\$34,621,781
\$6,893,579	\$1,723,395	\$8,616,974
\$236,679,563	\$59,169,891	\$295,849,453

5337 - Elevator and Escalator Program

Elevator Program Multiple Location Design
Priority Replacement and Redundant Elevator Program
TIP Program Allowance

Federal Share	MBTA Match	Total
\$8,020,714	\$2,005,178	\$10,025,892
\$18,400,000	\$4,600,000	\$23,000,000
\$792,621	\$198,155	\$990,777
\$27,213,335	\$6,803,334	\$34,016,669

5337 - Signals/Systems Upgrade Program

45 High Street Improvements	
Infrastructure Asset Management Program Phase 1	
North Station Terminal Signal Improvements	
Signal Program - Red/Orange Line	
TIP Program Allowance	

Federal Share	MBTA Match	Total
\$6,095,130	\$1,523,783	\$7,618,913
\$16,335,993	\$4,083,998	\$20,419,991
\$28,480,000	\$7,120,000	\$35,600,000
\$274,072,211	\$68,518,053	\$342,590,264
\$10,123,744	\$2,530,936	\$12,654,680
\$335,107,079	\$83,776,770	\$418,883,848

Section 5337 Totals

S840.777.392 ■ S210.194.348 ■ S1.084.98	40,777,392	\$210,194,348	\$1,084,988,409
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Section 5339 - Bus & Bus Facilities

5339 - Bus Program

Procurement of Battery Electric 40 ft Buses and Related infrastructure (5339)

Federal Share	MBTA Match	Total
\$33,742,282	\$8,435,570	\$42,177,852
\$33,742,282	\$8,435,570	\$42,177,852
\$33,742,202	Ψο, - 33,370	ÿ#2,177,032
\$33,742,282	\$8,435,570	\$42,177,852

Section 5339 Totals

TABLE 3-5

MBTA Federal Capital Program - FTA Formula Funds FFY 2019-2023 TIP - Project Descriptions Provided for Informational Purposes Presented to the Boston MPO on 3/15/2018

TIP Project Name	Project Description
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5307 - Revenue Vehicle Program

DMA Bus Replacement	Procurement of 60-foot Dual Mode Articulated (DMA) buses to replace the existing fleet of 32 Silver Line Bus Rapid Transit buses and to provide for ridership expansion projected as a result of Silver Line service extension to Chelsea.
Green Line Light Rail Fleet Replacement - Design	Development of technical specifications for the procurement of light rail vehicles to replace the existing fleet that is approaching the end of its service life.
Green Line Train Protection	Procurement and installation of on-board and wayside equipment for a train monitoring system to determine allowable train separation, based on speed and location, and to prevent vehicles from passing a red signal.
Locomotive Overhaul	Overhaul of locomotives in operation on commuter rail lines systemwide in order to improve reliability.
MBTA Catamaran Overhaul	Replacement of major systems and refurbishment of seating and other customer facing components on two catamarans (Lightning and Flying Cloud).
Midlife Overhaul of 25 New Flyer Allison Hybrid 60 ft Articulated Buses	Overhaul of 25 hybrid buses, brought into service in 2009 and 2010, to enable optimal reliability through the end of their service life.
Overhaul of 33 Kawasaki 900 Series Bi-Level Coaches	Overhaul and upgrade of existing systems on commuter rail coaches that were brought into service in 2005 to enable optimal reliability through the end of their service life.
Procurement of Bi-Level Commuter Rail Coaches	Procurement of bi-level commuter rail coaches to replace existing cars that have exceeded their service life.
Procurement of 194 New Flyer Hybrid 40 ft Buses	Procurement of 40-foot buses with hybrid propulsion to replace Emission Controlled Diesel (ECD) buses that have reached the end of their service life.
Procurement of Battery Electric 40 ft Buses and Related infrastructure (5307)	Procurement of up to 35 Battery Electric 40-ft. buses and supporting infrastructure to replace the existing electric trolley bus fleet and to serve as a pilot for determining bus propulsion technologies for future procurements. (Funded from both 5307 and 5339.)
Procurement of 40 ft Buses	Procurement of 40-foot electric and hybrid buses for replacement of diesel bus fleet.
Red Line No. 3 Car - Targeted Reliability Improvements	Overhaul and upgrade of selected systems on Red Line fleet vehicles to extend service life until planned replacement.

TIP Project Name	Project Description
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5307 - Stations and Facilities Program

Bus Route Safety and Service Improvements	To address accessibility, safety and operational deficiencies at select bus stops systemwide.
Charlestown Bus - Seawall Rehab	Rehabilitation of existing seawall to protect bus maintenance facility from future storm and flooding events.

5307 - Signals/Systems Upgrade Program

_	To provide for the removal and the replacement of the existing 25 cycle signal system and associated wayside equipment at Government Center, Copley and Park Street Interlockings.
Green Line Riverside to Reservoir - Signal &	Replacement of track and signal system components on the Highland Branch of the Green Line from Reservoir to Riverside Stations, including replacement of obsolete 25 Hz track circuits with modern solid-state 100 Hz track circuits.

5337 - Bridge and Tunnel Program

Bridge Bundling Contract (6 Bridges)	Replacement of 6 commuter rail bridges: Lynn Fells Parkway in Melrose (Haverhill Line); Parker Street in Lawrence (Haverhill Line); Commercial Street in Lynn (Newburyport/Rockport Line); Bacon Street in Wellesley (Worcester Line); Intervale Road in Weston (Worcester Line); and High Line Bridge in Somerville (Lowell Line).
IRRINGE LIECION / INCRECTION & RATING PROGRAM	Inspection of bridge assets systemwide for determination of asset condition ratings and subsequent prioritization and scoping for repairs to select bridges.
IBridge Repair Program	Repairs to bridges systemwide, based on asset condition as determined by systemwide inspections.
North Station Draw 1 Bridge Replacement	Replacement of the North Station commuter rail drawbridge (Draw 1). Funding source under review.
Tunnel Rehabilitation Program	Repair and rehabilitation of transit tunnels systemwide

TIP Project Name	Project Description
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5337 - Stations and Facilities Program

For a conceptual design and operational analysis study of the Newton commuter rail stations, with additional funding for various accessibility and infrastructure improvements
Addressing accessibility issues along the B branch of the Green Line along Commonwealth Avenue
Construction of two new redundant elevators, in order to improve accessibility and to provide for future elevator maintenance without rendering the station temporarily inaccessible.
Improvements at Forest Hills Station on the Orange Line and Needham Commuter Rail Line to comply with ADA and Massachusetts Architectural Access Board (MAAB) accessibility standards. Work will also include infrastructure and other improvements (e.g., wayfinding signage, installation of tactile platform edges).
Rehabilitation of roadway, drainage and catenary infrastructure at the Harvard Square Busway.
Construction of a new, full accessible ferry dock at the Hingham Ferry Terminal located at Hewitts Cove in the Weymouth Back River in Hingham, MA
Construction of Iron Horse Park Operations Control Center building to provide an updated dispatch facility for Commuter Rail North (CRN) and Pan Am freight and to house the back-up Positive Train Control (PTC) data center.
Accessibility improvements at the Natick Center commuter rail station on the Framingham/Worcester Line.
Improvements at Newton Highlands station on the D branch of the Green Line to comply with ADA and Massachusetts Architectural Access Board (MAAB) accessibility standards.
Retrofit of the existing Oak Grove station on the Orange Line to bring it into full compliance with ADA standards, including the replacement of existing elevators, construction of two new elevators, various parking and path of travel upgrades.

TIP Project Name	Project Description
Old South Meeting House Leak Repairs	Remediation of leaks along the wall of the Old South Meeting House resulting from the construction of an entrance to State Street Station
Park Street Station Wayfinding Improvements Construction	Replacement of existing signage with updated ADA-compliant standard graphics at the lobby, Green Line platform, Red Line platform and Winter Street concourse as well as related architecture improvements such as lighting and illuminated exit signs.
Ruggles Station Upgrade - Accessibility (Design)	Design for future accessibility improvements at Ruggles Station.
Savin Hill Underpass	Rehabilitation of underpass at the Savin Hill Red Line Station in Boston
South Attleboro Station Improvements	Needs assessment and design services associated with accessibility, structural, parking and multi-modal facility improvements for the South Attleboro commuter rail station.
Symphony Station Improvements	Upgrades to the existing Symphony Station on the Green Line in order to provide a modern, accessible, code-compliant facility
Winchester Center Station	Renovation and accessibility improvements to Winchester Center Station on the Lowell and Haverhill commuter rail lines.

5337 - Elevator and Escalator Program

IFlevator Program Multiple Location Design	Design for the installation of new redundant elevators and the replacement of existing elevators systemwide.
Program Program	Installation of new redundant elevators and the replacement of existing elevators at various stations, in order to mitigate degradation of station elevators and to maintain station accessbility during elevator maintenance.

TIP Project Name	Project Description
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5337 - Signals/Systems Upgrade Program

45 High Street Improvements	Infrastructure improvements and data center upgrades at the MBTA's 45 High Street facility.
Infrastructure Asset Management Program Phase 1	Collection of infrastructure based asset data in order to update the SGR Database and manage asset and life cycle/risk management practices.
North Station Terminal Signal Improvements	Upgrades to the commuter rail signal/communication system in the North Station area required for more efficient phasing of future track alignments, including support for the future Draw 1 Bridge Replacement Project.
Signal Program - Red/Orange Line	Various signal upgrades and improvements along both the Red and Orange Lines

5339 - Bus Program

and Related infrastructure (5339)	Procurement of up to 35 Battery Electric 40-ft. buses and supporting infrastructure to replace the existing electric trolley bus fleet and to serve as a pilot for determining bus propulsion technologies for future procurements. (Funded from both 5307 and 5339.)
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Note: Project descriptions are preliminary only and are provided for informational purposes. In many cases, the scopes of work will become more fully developed as the design process proceeds and is completed.

TABLE 3-6 MetroWest Regional Transit Authority:

DRAFT FFYs 2019-23 Transportation Improvement Program Project List

Fiscal Year	Federal Program Name	Project #	Project Name	Project Description	Program	Federal \$	RTACAP\$	SCA\$	Carry Over	Total Cost
2019	Section 5307: Urbanized Area Formula	BCG0007086	NON FIXED ROUTE ADA PARA SERV	Non Fixed Route ADA Para Service	N/A	\$ 1,300,000.00	\$ -	\$ 325,000.00	2018 - \$1,300,000	\$ 1,625,000.00
	Section 5307: Urbanized Area Formula	BCG0007087	ACQUISITION OF BUS SUPPORT EQUIP/FACILITIES	Customer amenities, facility improvements, tools, equipment, technology	RTA: Facility and Vehicle Maintenance	\$ 248,415.00	\$ 62,104.00	\$ -	2018 - \$248,415	\$ 310,519.00
	Section 5307: Urbanized Area Formula	BCG0007088	Mobility Management	Mobility Management Enhancements/Improvements; IT; Call Center; Travel Training Enhancements/Improvement; Fare Collection Transition	RTA: Facility and Vehicle Maintenance	\$ 25,000.00	\$ 6,250.00	\$ -	2018 - \$25,000	\$ 31,250.00
2019	Mass DOER	BCG0007148	TERMINAL, INTERMODAL (TRANSIT) - BLANDIN - Solar Project	Solar Project - Applied for 5339(b) \$2M match w/RTACAP FY18 \$222,222 = 90/10 match; if grant isn't awarded will only need the remaining \$1,250,000. Total project cost over two years is \$2,000,000.	RTA: Facility and System Modernization	\$ 528,000.00	\$ 685,000.00	4		\$ 1,213,000.00
2019		BCG0007151	BUY REPLACEMENT- CAPITOL BUS (3)	Transit Revenue Vehicles (3 @ \$40k each); separate from CTGP; replace EOL vehicles w/Transit Revenue Vehicles	RTA: Vehicle Replacement	\$ -	\$ 120,000.00	\$ -		\$ 120,000.00
2019	Section 5307: Urbanized Area Formula	BCG0003639	TERMINAL, INTERMODAL (TRANSIT) - BLANDIN - Front Entrance	Blandin Enhancements/Improvements; Customer Friendly Ammenities - Front Entrance	RTA: Facility and Vehicle Maintenance	\$ 150,000.00	\$ 37,500.00	\$ -	2018 - \$150,000	\$ 187,500.00
2020	Section 5307: Urbanized Area Formula	BCG0007089	ACQUISITION OF BUS SUPPORT EQUIP/FACILITIES	Acquisition of Bus Support Equip/Facilities; Additional Bus Accessories	RTA: Facility and Vehicle Maintenance	\$ 248,415.00	\$ 62,104.00	\$ -	2019 - \$248,415	\$ 310,519.00
2020	Section 5307: Urbanized Area Formula	BCG0007090	Mobility Management	Mobility Management; IT; Call Center; Travel Training Enhancements/Improvements; Fare Collection Transition	RTA: Facility and Vehicle Maintenance	\$ 25,000.00	\$ 6,250.00	\$ -	2019 - \$25,000	\$ 31,250.00
2020	Section 5307: Urbanized Area Formula	BCG0007091	NON FIXED ROUTE ADA PARA SERV	Non Fixed Route ADA Para Service	N/A	\$ 1,300,000.00	\$ -	\$ 325,000.00	2019 - \$1,300,000	\$ 1,625,000.00
2020	Section 5307: Urbanized Area Formula	BCG0007092	TERMINAL, INTERMODAL (TRANSIT) - BLANDIN	Blandin Hub Enhancements/Improvements	RTA: Facility and Vehicle Maintenance	\$ 150,000.00	\$ 37,500.00	\$ -	2019 - \$150,000	\$ 187,500.00
2021	Section 5307: Urbanized Area Formula	BCG0007093	NON FIXED ROUTE ADA PARA SERV	Non Fixed Route ADA Para Service	N/A	\$ 1,300,000.00	\$ -	\$ 325,000.00	2020 - \$1,300,000	\$ 1,625,000.00
2021	Section 5307: Urbanized Area Formula	BCG0007094	TERMINAL, INTERMODAL (TRANSIT) - BLANDIN	12/3/2015 update CIP Project: State of Good Repair / Notes: Blandin Avenue Call Center Technology Updates	RTA: Facility and Vehicle Maintenance	\$ 150,000.00	\$ 37,500.00	\$ -	2020 - \$150,000	\$ 187,500.00
2021	Section 5307: Urbanized Area Formula	BCG0007095	ACQUISITION OF BUS SUPPORT EQUIP/FACILITIES	Acquisition of Bus Support Equip/Facilities; Fare Collection Equipment	RTA: Facility and Vehicle Maintenance	\$ 248,415.00	\$ 62,104.00	\$ -	2020 - \$248,415	\$ 310,519.00
2021	Section 5307: Urbanized Area Formula	BCG0007096	Mobility Management	12/3/2015 update CIP Project: State of Good Repair / Notes: Blandin Avenue Call Center Technology Updates	RTA: Facility and Vehicle Maintenance	\$ 25,000.00	\$ 6,250.00	\$ -	2020 - \$25,000	\$ 31,250.00
2022	Section 5307: Urbanized Area Formula	BCG0007097	NON FIXED ROUTE ADA PARA SERV	Non Fixed Route ADA Para Service	N/A	\$ 1,300,000.00	\$ -	\$ 325,000.00	2021 - \$1,300,000	\$ 1,625,000.00
2022	Section 5307: Urbanized Area Formula	BCG0007098	ACQUISITION OF BUS SUPPORT EQUIP/FACILITIES	Acquisition of Bus Support Equip/Facilities; Additional Bus Accessories	RTA: Facility and Vehicle Maintenance	\$ 248,415.00	\$ 62,104.00	\$ -	2021 - \$248,415	\$ 310,519.00

Fiscal Year	Federal Program Name	Project #	Project Name	Project Description	Program	Federal \$	RTACAP \$		SCA\$		AP\$ SCA\$		Carry Over		Total Cost
2022	Section 5307: Urbanized Area Formula	BCG0007099	TERMINAL, INTERMODAL (TRANSIT) - BLANDIN		RTA: Facility and Vehicle Maintenance	\$ 150,000.00	\$ 37,	500.00	\$	-	2021 - \$150,000	\$	187,500.00		
2022	Section 5307: Urbanized Area Formula	BCG0007100	Mobility Management		RTA: Facility and Vehicle Maintenance	\$ 25,000.00	\$ 6,	250.00	\$	-	2021 - \$25,000	\$	31,250.00		
2023	Section 5307: Urbanized Area Formula	BCG0007152	NON FIXED ROUTE ADA PARA SERV	Non Fixed Route ADA Para Service	N/A	\$ 1,300,000.00	\$	_	\$	325,000.00	2022 - \$1,300,000	\$	1,625,000.00		
2023	Section 5307: Urbanized Area Formula	BCG0007153	ACQUISITION OF BUS SUPPORT EQUIP/FACILITIES	Acquisition of Bus Support Equip/Facilities; Additional Bus Accessories	RTA: Facility and Vehicle Maintenance	\$ 248,415.00	\$ 62,	104.00	\$	<u> </u>	2022 - \$248,415	\$	310,519.00		
2023	Section 5307: Urbanized Area Formula	BCG0007155	Mobility Management		RTA: Facility and Vehicle Maintenance	\$ 25,000.00	\$ 6,	250.00	\$	-	2022 - \$25,000	\$	31,250.00		
2023	Section 5307: Urbanized Area Formula	BCG0007154	TERMINAL, INTERMODAL (TRANSIT) - BLANDIN		RTA: Facility and Vehicle Maintenance	\$ 150,000.00	\$ 37,	500.00	\$	-	2022 - \$150,000	\$	187,500.00		

TABLE 3-7 CAPE ANN TRANSPORTATION AUTHORITY: DRAFT FFYs 2019-23 TRANSPORTATION IMPROVEMENT PROGRAM PROJECT LIST

Fiscal Year	Federal Program Name	Project #	Project Name	Project Description	Program	F	ederal \$	R	TACAP \$	Local \$	Carry Over	Total Cost
2019	Section 5307: Urbanized Area Formula	BCG0006599	PREVENTIVE MAINTENANCE	FY19 PM expenses	N/A	\$	285,000	\$	-	\$ 71,250	2018 - \$285,000	\$ 356,250.00
2019		BCG0007348	BUY REPLACEMENT 35-FT BUS (2)	ORIGINALLY RTD0004373 (BCG0004373)	RTA: Vehicle Replacement	\$	-	\$	900,000	\$ -		\$ 900,000.00
		BCG0006600	ACQUIRE - SHOP EQ/COMPUTER/SFTWR	COMPUTER UPGRADE AND SOFTWARE MAINTENANCE	RTA: Facility and System Modernization	\$	55,000	\$	13,750	\$ -	2018 - \$55,000	\$ 68,750.00
		BCG0006602	PREVENTIVE MAINTENANCE	FY20 PM Expenses	N/A	\$	285,000	\$	-	\$ 71,250	2019 - \$285,000	\$ 356,250.00
2020		BCG0006603	ACQUIRE - SHOP EQ/COMP/SFTWR		RTA: Facility and System Modernization	\$	55,000	\$	13,750	\$ -	2019 - \$55,000	\$ 68,750.00
2021	Section 5307: Urbanized Area Formula	BCG0006606	ACQUIRE - SHOP EQ/COMP/SFTWR		RTA: Facility and System Modernization	\$	55,000	\$	13,750	\$ -	2020 - \$55,000	\$ 68,750.00
2021		BCG0006605	PREVENTIVE MAINTENANCE	FY21 PM expenses	RTA: Facility and Vehicle Maintenance		285,000	\$	-	\$ 71,250	2020 - \$285,000	\$ 356,250.00
2022		BCG0006607	PREVENTIVE MAINTENANCE	PREVENTIVE MAINTENANCE	N/A	\$	285,000	\$	-	\$ 71,250	2021 - \$285,000	\$ 356,250.00
2022		BCG0006608	ACQUIRE - SHOP EQUIPMENT	SHOP EQ/COMPUTER/SFTWR	RTA: Facility and System Modernization	\$	55,000	\$	13,750	\$ -	2021 - \$55,000	\$ 68,750.00
2023	Section 5307: Urbanized Area Formula	BCG0007184	PREVENTIVE MAINTENANCE	Preventive Maintenance	RTA: Facility and Vehicle Maintenance	\$	285,000	\$	-	\$ 71,250	2022 - \$285,000	\$ 356,250.00
2023	Section 5307: Urbanized Area Formula	BCG0007186	Rehab/Reno-repave parking lot (match in 24)	Complete repaving of CATA's parking lot	RTA: Facility and Vehicle Maintenance	\$	80,000	\$	-	\$ -		\$ 80,000.00
	Section 5307: Urbanized Area Formula	BCG0007197	Replace Two 30-FT BUS	Replacement of two 30-ft low floor buses that will have reached the end of their useful life	RTA: Vehicle Replacement	\$	700,000	\$	175,000	\$ -	2019 - \$175,000; 2020 - \$175,000; 2022 - \$175,000	\$ 875,000.00

PROJECT INFORMATION KEY

ID Number: This number references the project's identification number in MassDOT's project-tracking system.

Municipality: This field lists the municipality (or municipalities) in which a project is located.

Project Name: This field provides the project name or descriptor of project location.

Evaluation Rating: This field shows the total number of points scored by the project based on the MPO's project evaluation criteria. MPO staff has not evaluated all projects in the TIP; staff mainly evaluates projects that can be considered for funding with the MPO's Regional Target funding. If no score is listed, that means MPO staff did not evaluate the project.

MPO/CTPS Study: This field indicates if a study was conducted in the project area by the MPO staff and the findings, at least in part, have been incorporated in the engineering design for the TIP project. These studies are funded through the MPO's 3C planning work and documented in the Unified Planning Work Program (UPWP). If no study name and year are listed, that means that MPO staff has not conducted a transportation study in the project area.

LRTP Status: This field shows the time band that the project is proposed for programming in the Long-Range Transportation Plan (LRTP). Projects are programmed in the LRTP if they are Major

Infrastructure projects that add capacity to the transportation system. Projects that fall into the Operations and Maintenance investment programs established in the LRTP do not have to be programmed in the LRTP prior to being funded in the TIP; therefore, this field is blank for those projects.

Project Length: This field provides the length of the project in miles. This information is based on the best available data, and comes mainly from MassDOT's Project Information website and from communication with project proponents or MassDOT project managers. Project lengths are engineering design estimates and may change during project development and construction.

Project Description: The description of the project is based, in part, on the written description of the project on MassDOT's Project Information website. In some cases, these descriptions have been modified to clarify the details of the projects.

Funding Tables: Funding tables are included for each project and show the following information:

- Year: This field provides the year(s) during which the project is programmed for funding.
- Funding Program: The federal funding program(s) by which the project is funded is provided in this field. See Chapter 2 for more details on funding programs.

 Total Funding Programmed: This field shows the total funding programmed for the project based on the year of expenditure.

The project description information on the following pages originates from MassDOT's Project Information database and, in some cases, has been modified to include additional project details

Information regarding TIP projects changes periodically. For more information on all projects please visit MassDOT's Project Information website, www.massdot.state.ma.us/highway/ProjectInfo.aspx, the Boston Region MPO's website, www.bostonmpo.org, or contact Ali Kleyman, TIP Manager, at akleyman@ctps.org.

THE TIP PROJECT DETAIL PAGES WILL BE INCLUDED IN THE PUBLIC REVIEW DRAFT