2019	Bosto	n Regi	ion Tran	sportatio	on Improvement Program						
ndicates a change in				_	·						
ndicates removed fr	om TIP (cost no	ot reflected in	total)								
ndicates a project m	noved in from ar	nother TIP ele	ement								
Indicates a project m			•	lected in total)							
Indicates a new addi		(action taken	as denoted)								
Indicates a new fund							_				
Amendment / Adjustment Type ▼	STIP Program ▼	MassDOT Project ID ▼	Metropolitan Planning Organization ▼	Municipality Name ▼	MassDOT Project Description ▼	MassDOT District ▼	Funding Source ▼	Total Programmed Funds ▼	Federal Funds ▼	Non-Federal Funds ▼	Additional Information ▼ Present Information as follows, If applicable: a) Planning / Design / or Construction: b) total project cost and funding sources used; c) advance construction states; d) MPO project score; e) name of entity receiving a transfer; f) name of entity paying the non-state non-federal match; g) earms details; h) TAP project proponent; i) other information
Section 1A / Region	nally Prioritized	Projects									
► Regionally Prioritiz	ed Projects										
	Planning / Adjustments / Pass-throughs		Boston Region	Multiple	GREEN LINE EXTENSION PROJECT- EXTENSION TO COLLEGE AVENUE WITH THE UNION SQUARE SPUR	6	CMAQ	\$ 28,184,400	\$ 22,547,520	\$ 5,636,880	Construction; STP+CMAQ+Section 5309 (Transit) Total MPO Contribution = \$190,000,000; AC Yr 4 of 6; funding flexed to FTA; match provided by local contributions
	Planning / Adjustments / Pass-throughs		Boston Region	Multiple	GREEN LINE EXTENSION PROJECT- EXTENSION TO COLLEGE AVENUE WITH THE UNION SQUARE SPUR	6	STP	\$ 28,184,400	\$ 22,547,520	\$ 5,636,880	Construction; STP+CMAQ+Section 5309 (Transit) Tota MPO Contribution = \$190,000,000; AC Yr 4 of 6; funding flexed to FTA; match provided by local contributions
AMENDMENT:Change Additional Information		606635	Boston Region	Multiple	NEEDHAM-NEWTON- RECONSTRUCTION OF HIGHLAND AVENUE, NEEDHAM STREET & CHARLES RIVER BRIDGE, N-04-002, FROM WEBSTER STREET (NEEDHAM) TO ROUTE 9 (NEWTON)	6	CMAQ	\$ 3,500,000	\$ 2,800,000	\$ 700,000	Construction; CMAQ+HSIP+TAP+STP Total Cost = \$26,883,332 \$29,601,436; AC Yr 1 of 2; MPO Evaluation Score = 75
AMENDMENT:Change Additional Information		606635	Boston Region	Multiple	NEEDHAM-NEWTON- RECONSTRUCTION OF HIGHLAND AVENUE, NEEDHAM STREET & CHARLES RIVER BRIDGE, N- 04-002, FROM WEBSTER STREET (NEEDHAM) TO ROUTE 9 (NEWTON)	6	HSIP	\$ 2,875,199	\$ 2,587,679	\$ 287,520	Construction; CMAQ+HSIP+TAP+STP Total Cost = \$26,883,332 \$29,601,436; AC Yr 1 of 2; MPO Evaluation Score = 75
AMENDMENT:Decrease Cost	s 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 ROUTE 9 (NEWTON)	6	STP	\$ 4,273,807	\$ 3,419,046	\$ 854,761	Construction; CMAQ+HSIP+TAP+STP Total Cost = \$26,883,332 \$29,601,436; AC Yr 1 of 2; MPO Evaluation Score = 75; TAP Proponent = MassDOT
AMENDMENT:Change Additional Information		606635	Boston Region	Multiple	NEEDHAM-NEWTON- RECONSTRUCTION OF HIGHLAND AVENUE, NEEDHAM STREET & CHARLES RIVER BRIDGE, N- 04-002, FROM WEBSTER STREET (NEEDHAM) TO ROUTE 9 (NEWTON)	6	TAP	\$ 1,546,493	\$ 1,237,194	\$ 309,299	Construction; CMAQ+HSIP+TAP+STP Total Cost = \$26,883,332 \$29,601,436; AC Yr 1 of 2; MPO Evaluation Score = 75; TAP Proponent = MassDOT
AMENDMENT:Change Additional Information		605034	Boston Region	Natick	NATICK- RECONSTRUCTION OF ROUTE 27 (NORTH MAIN STREET), FROM NORTH AVENUE TO THE WAYLAND T.L.	3	CMAQ	\$ 2,415,334	\$ 1,932,267	\$ 483,067	Construction; CMAQ+TAP+STP Total Cost = \$12,087,144 \$18,572,182; MPO Evaluation Score = 60
AMENDMENT:Increase Cost	e Roadway Reconstruction	605034	Boston Region	Natick	NATICK- RECONSTRUCTION OF ROUTE 27 (NORTH MAIN STREET), FROM NORTH AVENUE TO THE WAYLAND T.L.	3	STP	\$ 14,837,915	\$ 11,870,332	\$ 2,967,583	Construction; CMAQ+TAP+STP Total Cost = \$12,087,144 \$18,572,182; MPO Evaluation Score = 60
AMENDMENT:Change Additional Information		605034	Boston Region	Natick	NATICK- RECONSTRUCTION OF ROUTE 27 (NORTH MAIN STREET), FROM NORTH AVENUE TO THE WAYLAND T.L.	3	TAP	\$ 1,318,933	\$ 1,055,146	\$ 263,787	Construction; CMAQ+TAP+STP Total Cost = \$12,087,144 \$18,572,182; MPO Evaluation Score = 60
	Roadway Reconstruction	607428	Boston Region	Multiple	HOPEDALE- MILFORD- RESURFACING & INTERSECTION IMPROVEMENTS ON ROUTE 16 (MAIN STREET), FROM WATER STREET WEST TO APPROXIMATELY 120 FEET WEST OF THE MILFORD/HOPEDALE T.L AND THE INTERSECTION OF ROUTE 140.	3	CMAQ	\$ 1,000,000	\$ 800,000	\$ 200,000	Construction; CMAQ+HSIP Total Cost = \$3,371,532; MPO Evaluation Score = 54
	Roadway Reconstruction	607428	Boston Region	Multiple	HOPEDALE- MILFORD- RESURFACING & INTERSECTION IMPROVEMENTS ON ROUTE 16 (MAIN STREET), FROM WATER STREET WEST TO APPROXIMATELY 120 FEET WEST OF THE MILFORD/HOPEDALE T.L AND THE INTERSECTION OF ROUTE 140.	3	HSIP	\$ 2,371,532	\$ 2,134,379	\$ 237,153	Construction; CMAQ+HSIP Total Cost = \$3,371,532; MPO Evaluation Score = 54

### **Boston Region Transportation Improvement Program** 2019 Indicates removed from TIP (cost not reflected in total) Indicates a project moved in from another TIP element Indicates a project moved out to another TIP element (cost not reflected in total) Indicates a new addition to the TIP (action taken as denoted) Municipality Name | MassDOT MassDOT Non-Federal MassDOT Metropolitan Funding Total Programmed Federal Adjustment Type ▼ Program ▼ Project ID ▼ Planning Project District V Source V Funds \ unds Funds ▼ Organization **V** Description' 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 ransfer; f) name of entity paying the non-state non-federal match; g) earma details; h) TAP project proponent; i) other information Construction; STP+Earmark Total Cost = \$25,315,588 Roadway BOSTON- RECONSTRUCTION OF MELNEA CASS 605789 Boston Region 1,574,250 Boston 6 STP 7,871,248 \$ 6.296.998 \$ MPO Evaluation Score = 59 Planning / MIDDLESEX 3 TMA - SECOND SHIFT AND WEEKEND 125,000 To use a portion of remaining Boston MPO target funds. Multiple Adjustments Boston Region 4 STP 415.000 \$ 290.000 SHUTTLE SERVICE BETWEEN LOWELL AND BURLINGTON Pass-throughs Regionally Prioritized Projects subtotal ▶ \$ 98,794,261 \$ 79,518,082 \$ 19,276,179 **◄** 80% Federal + 20% Non-Federal Section 1A / Fiscal Constraint Analysis Total Regional Federal Aid Funds Programmed ▶ \$ MPO Template Name) Choose Regional Name from dropdown list to populate header and MPO column; 98,794,261 \$ - Target Funds Available 55,582,370 \$ 21,876,376 **◀ STP** Column C) Enter ID from ProjectInfo: Column E) Choose Municipality Name from dropdown list: Column H) Choose the Funding Source being used for the project - if multiple funding sources are being used enter multiple lines; Column I) Enter the total amount HSIP programmed ▶ \$ 5.246.731 \$ 4,722,058 **◀ HSIP** of funds being programmed in this fiscal year and for each funding source; Column J) Federal funds autocalculates. Please verify the CMAQ programmed ▶ \$ 35,099,734 \$ 28,079,787 **◄ CMAQ** amount and only change if needed for flex. Column K) Non-federal funds autocalculates. Please verify the split/match - if matching TAP programmed ▶ \$ 2,865,426 \$ 2,292,341 **◀ TAP** an FTA flex. coordinate with Rail & Transit Division before programming: Column L) Enter Additional Information as described -Section 1B / Earmark or Discretionary Grant Funded Projects ► Other Federal Aid BOSTON- RECONSTRUCTION OF MELNEA CASS Construction; HPP 4284 (MA203); STP+Earmarks Total Earmark 605789 Boston Region Boston 6 HPP 5,007,375 \$ 4,005,900 \$ 1,001,475 BOULEVARD Cost = \$25,315,588 Discretionar Construction; HPP 756 (MA126); STP+Earmarks Total BOSTON- RECONSTRUCTION OF MELNEA CASS Earmark 605789 Boston Region 3ostor 6 2,703,983 2.163.186 Discretionary BOULEVARD Cost = \$25.315.588 Earmark BOSTON- RECONSTRUCTION OF MELNEA CASS Construction; (MA154); STP+Earmarks Total Cost = 605789 Boston Region Bostor 6 HPP 6.259.219 5,007,375 1.251.844 \$25,315,588 Discretionar BOULEVARD BOSTON- RECONSTRUCTION OF MELNEA CASS Construction: (MA194): STP+Earmarks Total Cost = Earmark 605789 Boston Region Bostor 6 HPP 3.473.764 2.779.011 694.753 Discretionar BOULEVARD \$25,315,588 Demo ID MA183; reprogrammed from FFY 2021. To be Earmark BOSTON- RECONSTRUCTION OF RUTHERFORD AVENUE, 6 606226 Boston Region Rostor HPP 126.970 \$ 101.576 25.394 FROM CITY SQUARE TO SULLIVAN SQUARE used for design Discretionary Demo ID MA210; reprogrammed from FFY 2021. To be Earmark BOSTON- RECONSTRUCTION OF RUTHERFORD AVENUE. 606226 Boston Region Bostor 6 HPP 8,451,960 \$ 6,761,568 \$ 1.690.392 FROM CITY SQUARE TO SULLIVAN SQUARE used for design Discretionary MILTON- DECK RECONSTRUCTION OVER SE Construction; (MA125); Cost increase from AMENDMENT:Change 607330 Boston Region Milton EXPRESSWAY (EAST MILTON SQUARE), INCLUDES HPP 1.502.213 \$ 1,201,770 \$ \$2,754,057 to \$4,099,746 (funded through NHPP -300.443 Additional Information Discretionary PARKING & NEW LANDSCAPED AREA see Section 2B below) Construction; (MA134); Cost increase from MILTON- DECK RECONSTRUCTION OVER SE AMENDMENT:Change Earmark Milton EXPRESSWAY (EAST MILTON SQUARE), INCLUDES HPP 1.001.475 \$ 250,369 \$2,754,057 to \$4,099,746 (funded through NHPP) 607330 Boston Region 4 1,251,844 \$ Additional Information Discretionary PARKING & NEW LANDSCAPED AREA see Section 2B below Demo ID: MA 149 Repurposed earmark, formerly design and construct BROOKLINE- PEDESTRIAN BRIDGE REHABILITATION, B-27-Earmark 606316 Boston Region 6 HPP signal crossing and other safety improvements to Brookline \$ 751.106 \$ 600.885 150.221 Discretionary 016, OVER MBTA OFF CARLTON STREET Emerald Necklace Greenway Bicycle Trail, Town of Brookline Repurposed earmark (MA 181). Originally programmed for "Chelsea Roadway Improvements" Earmark SLGPH2 Boston Region CHELSEA CHELSEA - SILVERLINE GATEWAY PHASE 2 6 HPP \$ 2.503.688 2.002.950 \$ 500.738 Discretionary Earmark has to be obligated by FFY 2019. Earmark (MA 128) repurposed in FFY 2017 from the SOMERVILLE- SIGNAL AND INTERSECTION IMPROVEMENT Study and Design I-93/Mystic Ave. Interchange and not Farmark 608562 Boston Region ON I-93 AT MYSTIC AVENUE AND MCGRATH HIGHWAY 4 HPP 500,738 \$ 400,590 100,148 obligated. Reprogramming to FFY 2019. Somerville Discretionary (TOP 200 CRASH LOCATION) Earmark has to be obligated by FFY 2019.

### **Boston Region Transportation Improvement Program** 2019 Indicates removed from TIP (cost not reflected in total) Indicates a project moved in from another TIP element Indicates a project moved out to another TIP element (cost not reflected in total) Indicates a new addition to the TIP (action taken as denoted) Municipality Name | MassDOT MassDOT Non-Federal MassDOT Metropolitan Funding Total Programmed Federal Adjustment Type ▼ Program ▼ Project ID ▼ Planning Project District V Source ▼ Funds **T** unds \ Funds ▼ Organization V Description 1 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 ransfer; f) name of entity paying the non-state non-federal match; g) earma details; h) TAP project proponent; i) other information AMENDMENT:Add Earmark 781,151 \$ New project; Repurposed earmark MA 127 609371 Boston Region Norwood Norwood- Concrete Median Barrier Replacement on Route 1 5 **HPP** 976.439 \$ 195,288 Discretionary Project AMENDMENT:Add New project; Repurposed earmarks MA 119 & MA 174 BN0010 Boston Region N/A Great Meadows National Wildlife Refuge Complex 4 HPP 243.780 \$ 195.024 \$ 48.756 Project Discretionary (previously programmed in 2017 and unobligated) New project; Funding source is Other Federal Aid -AMENDMENT:Add Earmark BN0011 Boston Region Salem Salem Ferry Vessel Acquisition Other FA 106,540 \$ 85,232 \$ 21,308 Ferry Boat Discretionary; City of Salem is providing Discretionary 20% match AMENDMENT: Add New project; Flexed funds are being obligated to the Farmark BN0012 Boston Region Multiple MBTA Ferry Improvements N/A Other FA 1,758,689 1,406,951 351,738 mid-life overhaul of MBTA ferry vessels. Project Discretionary AMENDMENT:Add DEDHAM- RESURFACING AND RELATED WORK ON ROUTE Other FA = HIP (Other); Cost increase from \$5,525,503 Non-Interstate 608587 Boston Region Dedham 6 Other FA 1 049 659 839 727 209 932 to \$6,755,217 Funding Source 29,334,372 \$ 7,333,593 ◀ Funding Split Varies by Funding Source Other Federal Aid subtotal ▶ \$ 36,667,965 \$ ► Bridge Program / Inspections Bridge Boston Region Bridge Inspection Program Bridge Program / Inspections subtotal ▶ \$ - \$ - \$ I Funding Split Varies by Funding Source ► Bridge Program / Off-System AMENDMENT:Remove Bridge SHARON- BRIDGE REPLACEMENT, S-09-003 (40N), STP-BR-608079 Boston Region SHARON Reprogrammed MASKWONICUT STREET OVER AMTRAK/MBTA OFF Program AMENDMENT:Remove Bridge STOW- BRIDGE REPLACEMENT, S-29-011, BOX MILL ROAD STP-BR-608255 Boston Region STOW 3 Reprogrammed OVER ELIZABETH BROOK Proiect Program Boston Region Bridge Program Bridge Program / Off-System subtotal ▶ \$ - ■ 80% Federal + 20% Non-Federal ► Bridge Program / On-System (NHS) LYNN- SAUGUS- BRIDGE REPLACEMENT, L-18-016=S-05-Bridge NHPP-On 15.872.427 \$ 12,697,942 \$ 3.174.485 AC Year 1 of 5, Total Cost = \$84,253,135 604952 Boston Region Multiple 008. ROUTE 107 OVER THE SAUGUS RIVER (AKA - BELDEN 4 Program G. BLY BRIDGE) AC Year 3 of 6, Total Project Cost = \$193,058,158. BOSTON- BRIDGE REPLACEMENT, B-16-016, NORTH Bridge Paid down \$5.8 million advanced construction balance BOSTON 604173 Boston Region WASHINGTON STREET OVER THE BOSTON INNER 6 NHPP-On \$ 17,915,882 \$ 14.332.706 \$ 3,583,176 from FFY 2018 AR. (Original programmed amount: Program HARROR \$25,184,931; cost decrease includes \$1,453,810 state Original programmed amount was obligated in FFY 2017 and project was advertised; didn't advance. FFY Bridge DANVERS - BRIDGE REPLACEMENT, D-03-018, ST 128 2017 obligated amount = \$17.3 million. Only the cost DANVERS 4 NHPP-On 25 201 594 \$ 20 161 275 \$ 607954 Boston Region OVER WATERS RIVER difference (\$4.3 million) counts against the current Program Obligation Authority. Final design increased project cost to \$25,201,594 CHELSEA- ROUTE 1 VIADUCT REHABILITATION (SB/NB) ON Bridge 14,335,426 AC Year 2 of 4, Total Cost \$213,972,689 CHELSEA NHPP-On 605287 Boston Region 71,677,130 \$ 57.341.704 \$ C-09-007 & C-09-011 Program Bridge Program / On-System (NHS) subtotal ▶ \$ 130,667,033 \$ 104,533,626 \$ 26,133,407 ◀ Funding Split Varies by Funding Source

ndicates a change in	project cost										
ndicates removed fro		ot reflected in	total)								
ndicates a project me	oved in from a	nother TIP ele	ement								
ndicates a project me	oved out to an	other TIP elei	ment (cost not ref	lected in total)							
ndicates a new addit	ion to the TIP	(action taken	as denoted)								
ndicates a new fundi	ng category										
Amendment / Idjustment Type ▼	STIP Program ▼	MassDOT Project ID ▼	Metropolitan Planning Organization ▼	Municipality Name ▼	MassDOT Project Description ▼	MassDOT District ▼	Funding Source ▼			Non-Federal Funds ▼	Additional Information ▼ Present Information as follows, If applicable: a) Planning / Design / or Construction: b) total project cost and funding sources used: c) advance construction status; of JMPO project socre; e) name of entity receiving a transfer: f) name of entity paying the non-state non-federal match; g) earn details; h) TAP project proponent; i) other information
► Bridge Program / O	n-Svstem (Non	-NHS)									
	Bridge Program		Boston Region		Bridge Program / On-System (Non-NHS)			\$ -	\$ -	\$ -	
					Bridge Program / Or	-System (Non-N	HS) subtotal ▶	\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal
Bridge Program / Sy	stematic Main	tenance									
	Bridge Program	608234	Boston Region	RANDOLPH	RANDOLPH- BRIDGE PRESERVATION OF 2 BRIDGES: R-0 005 & R-01-007	1- 6	NHPP-On	\$ 4,984,738	\$ 3,987,791	\$ 996,948	
					Bridge Program / Sys		1111	\$ 4,984,738	\$ 3,987,791		■ Funding Split Varies by Funding Source

### **Boston Region Transportation Improvement Program** 2019 Indicates removed from TIP (cost not reflected in total) Indicates a project moved in from another TIP element Indicates a project moved out to another TIP element (cost not reflected in total) Indicates a new addition to the TIP (action taken as denoted) Municipality Name | MassDOT MassDOT Non-Federal MassDOT Metropolitan Funding Total Programmed Federal Adjustment Type ▼ Program ▼ Project ID ▼ Planning Project District V Source ▼ Funds **T** unds \ Funds ▼ Organization \ Description' 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 ransfer; f) name of entity paying the non-state non-federal match; g) earma details; h) TAP project proponent; i) other information ► Interstate Pavement READING- WAKEFIELD- INTERSTATE MAINTENANCE AND Adjust for final design cost. (Original programmed Interstate 608219 Boston Region Multiple NHPP 4,590,294 \$ 4,131,265 \$ RELATED WORK ON I-95 amount: \$4,123,392) Pavement Insterstate Pavement subtotal ▶ \$ 4 590 294 \$ 4,131,265 \$ 459,029 ◀ 90% Federal + 10% Non-Federal ► Non-Interstate Pavement PEABODY- DANVERS- RESURFACING AND RELATED Non-Interstate 608468 Boston Region Multiple 4 NHPP 11,628,900 9,303,120 \$ 2,325,780 Pavement WORK ON ROUTE 1 TOPSFIELD- RESURFACING AND RELATED WORK ON Some work completed with Non-Federal Aid (Original Non-Interstate 608493 Boston Region Topsfield 4 NHPP 2.808.565 \$ 2.527.709 \$ 280.857 programmed amount: \$9,086,000) Pavement Cost increase from \$5.525,503 to \$6,755,217. Cost AMENDMENT:Increase Non-Interstate DEDHAM- RESURFACING AND RELATED WORK ON ROUTE 608587 Boston Region Dedham 6 NHPP 5.705.558 \$ 4.564.446 \$ increase partially covered using \$1,049,659 in earmark Pavement funds (outlined in Section 1B above). Non-Interstate Pavement subtotal ▶ \$ 20,143,023 \$ 16,395,275 \$ 3,747,748 ■ 80% Federal + 20% Non-Federal ► Roadway Improvements AMENDMENT:Add Roadway CONCORD- LINCOLN- ROUTE 2 CROSBY CORNER 608941 Boston Region Multiple 4 STP 212,500 170,000 42,500 New project WETLAND MITIGATION mprovem Roadway Boston Region Roadway Improvements Roadway Improvements subtotal ▶ \$ 212.500 \$ 170,000 \$ 42,500 ◀ 80% Federal + 20% Non-Federal ► Safety Improvements CHELSEA TO DANVERS- GUIDE AND TRAFFIC SIGN Safety 608206 Boston Region Multiple NHPP 7,195,084 6,475,576 719,508 Improven REPLACEMENT ON A SECTION OF US ROUTE 1 Safety READING TO LYNNFIELD- GUIDE AND TRAFFIC SIGN 608205 Boston Region Multiple 4 NHPP 4 513 288 4 061 959 \$ 451 329 REPLACEMENT ON A SECTION OF I-95 (SR 128) Improvements Remove AC year 2; Project will be funded in 2019 only AMENDMENT:Decreas Safety BRAINTREE- HIGHWAY LIGHTING IMPROVEMENTS AT I-608608 Boston Region Braintree NHPP 4,799,694 4,319,725 479,969 e Cost 93/ROUTE 3 INTERCHANGE Cost decrease from \$9,697,229 to \$4,799,694 Improvement Safety Improvements subtotal ▶ \$ 14,857,259 \$ 1,650,807 ◀ Funding Split Varies by Funding Source 16,508,066 \$ ▶ ADA Retrofits ADA Retrofits Boston Region ADA Retrofits ADA Retrofits subtotal ▶ \$ ■ 80% Federal + 20% Non-Federal ► Intersection Improvements BOSTON- INTERSECTION IMPROVEMENTS AT MORTON AMENDMENT:Increase Intersection 608755 Boston Region Boston HSIP 2,583,774 \$ 2,325,397 Cost increase from \$1,500,000 to \$2,583,774 Cost Improvement STREET AND HARVARD STREET SUDBURY- INTERSECTION IMPROVEMENTS @ ROUTE 20 Intersection 607249 Boston Region HSIP 1,974,736 1,777,263 197.474 Sudbury & LANDHAM ROAD Improvement 4,558,510 \$ 4,102,659 \$ 455,851 ◀ Funding Split Varies by Funding Source Intersection Improvements subtotal ▶ \$ ►Intelligent Transportation Systems Intelligent Transportatio Boston Region Intelligent Transportation Systems - ■ 80% Federal + 20% Non-Federal Intelligent Transportation System subtotal ▶ \$ ► Roadway Reconstruction

### **Boston Region Transportation Improvement Program** 2019 Indicates removed from TIP (cost not reflected in total) Indicates a project moved in from another TIP element Indicates a project moved out to another TIP element (cost not reflected in total) Indicates a new addition to the TIP (action taken as denoted) Municipality Name | MassDOT MassDOT Total Programmed Federal Non-Federal STIP MassDOT Metropolitan Funding Adjustment Type ▼ District ▼ Source ▼ Funds ▼ unds \ Program ▼ Project ID ▼ Planning Project Funds ▼ Organization ▼ Description \ 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, 1) name of entity paying the non-state non-federal match; g) earma details; h) TAP project proponent; i) other information MILTON- DECK RECONSTRUCTION OVER SE These funds cover the cost increase from \$2,754,057 to Roadway AMENDMENT:Add 607330 Boston Region Milton NHPP 269,138 \$4,099,746; Remainder of funding listed in Section 1B EXPRESSWAY (EAST MILTON SQUARE), INCLUDES 4 1,345,689 1,076,551 Reconstruction Funding Source PARKING & NEW LANDSCAPED AREA above Roadway Boston Region Roadway Reconstruction 1.345.689 \$ 1 076 551 \$ 269,138 ◀ Funding Split Varies by Funding Source Roadway Reconstruction subtotal ▶ \$ ► Section 2C / State Prioritized Expansion Projects ► Bicycles and Pedestrians ACTON- CONCORD- BRUCE FREEMAN RAIL TRAIL CONSTRUCTION, INCLUDES REPLACING BRIDGE C-19-037, Construction / PSAC score 31.5: Cost increase from AMENDMENT:Increase Bicycles and Boston Region Multiple RAIL TRAIL OVER NASHOBA BROOK, NEW BRIDGE C-19-CMAQ 10,695,883 \$ 8,556,706 \$ 2,139,177 Cost Pedestrians \$9,196,638 to \$10,695,883 039, RAIL TRAIL OVER ROUTE 2 & NEW CULVERT C-19-040, ROUTE 2 OVER WILDLIFE CROSSING (PHASE II-B) BROOKLINE- PEDESTRIAN BRIDGE REHABILITATION, B-27-Bicycles and Construction / Total Project Cost \$ \$3,690,510 606316 Boston Region BROOKLINE 6 CMAQ 2,939,404 \$ 2,351,523 \$ 587,881 w/ additional funding from earmark at \$751,106 Pedestrians 016, OVER MBTA OFF CARLTON STREET Bicycles and Boston Region Bicycles and Pedestrians Pedestrians 10,908,230 \$ 2,727,057 ◀ 80% Federal + 20% Non-Federal Bicycles and Pedestrians subtotal ▶ \$ 13.635.287 \$ ▶ Capacity Capacity Boston Region Capacity ■ Funding Split Varies by Funding Source ► Section 3 / Planning / Adjustments / Pass-throughs ▶ Planning / Adjustments / Pass-throughs Planning/Adiu Parker River National Wildlife Refuge - Replace Hellcat Trail 1,200,000 \$ 240,000 Other FA 960.000 stments/Pass BN0008 Boston Region Newburyport Boardwalk throughs Boston Region ABP GANS Repayment Multiple Boston Region ABP GANS Repayment Multiple Boston Region Award adjustments, change orders, etc. Multiple Boston Region Award adjustments, change orders, etc. Multiple Multiple \$ Boston Region Award adjustments, change orders, etc. Boston Region Metropolitan Planning Multiple Boston Region Multiple State Planning and Research Work Program I, (SPR I), Planning Boston Region Multiple State Planning and Research Work Program II, (SPR II), Multiple -Boston Region Research Boston Region Multiple Railroad Crossings Boston Region Railroad Crossings Multiple \$ Boston Region Recreational Trails Multiple Other Statewide Items subtotal ▶ \$ 1,200,000 \$ 960,000 \$ 240,000 ■ Funding Split Varies by Funding Source Section 4 / Non-Federally Aided Projects ► Non-Federally Aided Projects Non Federal Boston Region Non-Federal Aid Aid Non-Federal Aid subtotal▶ \$ - ■100% Non-Federal

Indicates a change	in project cost										
Indicates removed f	rom TIP (cost r	not reflected in	total)								
Indicates a project n	noved in from a	another TIP el	ement								
ndicates a project n	noved out to ar	nother TIP ele	ment (cost not re	flected in total)							
ndicates a new add	lition to the TIP	(action taken	as denoted)								
Indicates a new fun	ding category										
Amendment / Adjustment Type ▼	STIP Program ▼	MassDOT Project ID ▼	Metropolitan Planning Organization ▼	Municipality Name ▼	MassDOT Project Description ▼	MassDOT District ▼	Funding Source ▼	Total Programmed Funds ▼	Federal Funds ▼	Non-Federal Funds ▼	Additional Information   Present Information as follows, if applicable: a) Planning / Design / or Construction: b) total project cost and funding sources used: c) advance construction status; of JMPO project socree; on pame of entity receiving a transfer: f) name of entity paying the non-state non-federal match; g) earn details; h) TAP project proponent; i) other information
2019 Summa	ary							TIP Section 1 - 3:	TIP Section 4: ▼	Total of All Projects ▼	
							Total ►	\$ 333,307,366	\$ -	\$ 333,307,366	■ Total Spending in Region
							deral Funds <b>&gt;</b>	+ =====================================		\$ 269,975,110	■ Total Federal Spending in Region
						Non-Fe	deral Funds ▶	\$ 63,332,257	\$ -	\$ 63,332,257	■ Total Non-Federal Spending in Region
Municipality is the Awarding A	uthority. For all projec	ts contained in the TI	P, the Commonwealth is	the Awarding Authority. The	gated and became law on October 3, 2008. Under this Regulation, the CMR is applicab refore, all projects must be considered and implemented in accordance with 701 CMR alation can be found at the following link on the MassDOT Highway Division website: ht	.00, and the Road Flags	ger and Police Detai	il Guidelines. By placing a p			

Indicates a change in project cost

Indicates removed from TIP (cost not reflected in total)

Indicates a project moved in from another TIP element

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

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

Indicates a new fundir	ng category										
Amendment / Adjustment Type ▼	STIP Program ▼	MassDOT Project ID ▼	Metropolitan Planning Organization ▼	Municipality Name ▼	MassDOT Project Description▼	MassDOT District ▼	Funding Source <b>▼</b>	Total Programmed Funds ▼	Federal Funds ▼	Non-Federal Funds <b>▼</b>	Additional Information ▼ Present information as follows. it 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	y Prioritized Proje	cts									
► Regionally Prioritized	Projects										
AMENDMENT:Remove Funding Source	Roadway Reconstruction	606226	Boston Region	Boston	BOSTON-RECONSTRUCTION OF RUTHERFORD AVENUE, FROM CITY SQUARE TO SULLIVAN SQUARE	6	STP	\$ 7,000,000	\$ 5,600,000	\$ 1,400,000	Construction; NHPP+STP+TAP Total Cost = \$152,000,000; AC Yr 1 of 5; Total funding in this TIP = \$116,626.516 \$57,824,785; MPO Evaluation Score = 59; Project moved out to FFY 2022.
AMENDMENT:Decrease Cost	Planning / Adjustments / Pass- throughs	1570	Boston Region	Multiple	GREEN LINE EXTENSION PROJECT- EXTENSION TO COLLEGE AVENUE WITH THE UNION SQUARE SPUR	6	CMAQ	\$ 18,412,068	\$ 14,729,654	\$ 3,682,414	Construction; STP+CMAQ+Section 5309 (Transit) Total MPO Contribution = \$190,000,000; AC Yr 5 of 6; funding flexed to FTA; match provided by local contributions; \$1,619,132 in funding moved from FFY 2020 to FFY 2021.
AMENDMENT:Increase Cost	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 ROUTE 9 (NEWTON)	6	HSIP	\$ 4,500,000	\$ 4,050,000	\$ 450,000	Construction; CMAQ+HSIP+TAP+STP Total Cost = \$26,883,332 \$29,601,436; AC Yr 2 of 2; MPO Evaluation Score = 75
AMENDMENT:Increase Cost	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 ROUTE 9 (NEWTON)	6	STP	\$ 12,905,937	\$ 10,324,750	\$ 2,581,187	Construction; CMAQ+HSIP+TAP+STP Total Cost = \$26,883,332 \$29,601,436; AC Yr 2 of 2; MPO Evaluation Score = 75
AMENDMENT:Change Additional Information	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 \$7,946,749
AMENDMENT:Decrease Cost	Roadway Reconstruction	606043	Boston Region	Hopkinton	HOPKINTON- SIGNAL & INTERSECTION IMPROVEMENTS ON ROUTE 135	3	STP	\$ 5,581,324	\$ 4,465,059	\$ 1,116,265	Construction; CMAQ+STP Total Cost = \$8,264,619 \$7,946,749
AMENDMENT:Change Additional Information	Roadway Reconstruction	607652	Boston Region	Everett	EVERETT- RECONSTRUCTION OF FERRY STREET, SOUTH FERRY STREET AND A PORTION OF ELM STREET	4	CMAQ	\$ 1,884,270	\$ 1,507,416	\$ 376,854	Construction; CMAQ+STP+HSIP+TAP Total Cost = \$16,764,339 \$16,119,557; MPO Evaluation Score = 73
AMENDMENT:Change Additional Information	Roadway Reconstruction	607652	Boston Region	Everett	EVERETT- RECONSTRUCTION OF FERRY STREET, SOUTH FERRY STREET AND A PORTION OF ELM STREET	4	HSIP	\$ 1,050,296	\$ 945,266	\$ 105,030	Construction; CMAQ+STP+HSIP+TAP Total Cost = \$16,764,339 \$16,119,557; MPO Evaluation Score = 73
AMENDMENT:Decrease Cost	Roadway Reconstruction	607652	Boston Region	Everett	EVERETT- RECONSTRUCTION OF FERRY STREET, SOUTH FERRY STREET AND A PORTION OF ELM STREET	4	STP	\$ 12,460,579	\$ 9,968,463	\$ 2,492,116	Construction; CMAQ+STP+HSIP+TAP Total Cost = \$16,764,339 \$16,119,557; MPO Evaluation Score = 73
AMENDMENT:Change Additional Information	Roadway Reconstruction	607652	Boston Region	Everett	EVERETT- RECONSTRUCTION OF FERRY STREET, SOUTH FERRY STREET AND A PORTION OF ELM STREET	4	TAP	\$ 724,412	\$ 579,530	\$ 144,882	Construction; CMAQ+STP+HSIP+TAP Total Cost = \$16,764,339 \$16,119,557; MPO Evaluation Score = 73; TAP Proponent = Everett
AMENDMENT:Change Additional 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	CMAQ	\$ 1,000,000	\$ 800,000	\$ 200,000	Construction; STP+CMAQ+TAP Total Cost = \$14,094,252 \$16,304,925; MPO Evaluation Score = 54

Indicates a change in project cost

Indicates removed from TIP (cost not reflected in total)

Indicates a project moved in from another TIP element

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

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

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Aniendment Type ▼	STIP Program ▼	MassDOT Project ID ▼	Metropolitan Planning Organization ▼	Municipality Name ▼	MassDOT Project Description ▼	MassDOT District ▼	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 cost and funding sources used; c) advance construction status; d) MPO project score; e) name of entity receiving a transfer; f) ame of entity apying the non-state non-federal match; g) earmark details; h) TAP project proponent; i) other information
AMENDMENT:Increase Cost	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	\$ 13,198,4	44 \$	10,558,755	\$ 2,639,689	Construction; STP+CMAQ+TAP Total Cost = \$14,094,252 \$16,304,925; MPO Evaluation Score = 54
AMENDMENT:Change Additional 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	TAP	\$ 2,106,4	81 \$	1,685,185	\$ 421,296	Construction; STP+CMAQ+TAP Total Cost = \$14,094,262 \$16,304,925; MPO Evaluation Score = 54; TAP Proponent = MassDOT
AMENDMENT:Change Additional Information	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	\$ 1,000,0	00 \$	800,000	\$ 200,000	Construction; STP+CMAQ+TAP Total Cost = \$16,749,233 \$19,906,002; MPO Evaluation Score = 51
AMENDMENT:Increase Cost	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	\$ 17,047,5	65 \$	13,638,052	\$ 3,409,513	Construction; STP+CMAQ+TAP Total Cost = \$16,749,233 \$19,906,002; MPO Evaluation Score = 51
AMENDMENT:Change Additional Information	Roadway Reconstruction	602261	Boston Region	Walpole	WALPOLE- RECONSTRUCTION ON ROUTE 1A (MAIN STREET), FROM THE NORWOOD T.L. TO ROUTE 27, INCLUDES W-03-024 OVER THE NEPONSET RIVER	5	TAP	\$ 1,858,4	37 \$	1,486,750	\$ 371,687	Construction; STP+CMAQ+TAP Total Cost = \$16,749,233 \$19,906,002; MPO Evaluation Score = 51; TAP Proponent = MassDOT
AMENDMENT:Move Project - (FROM 2019)	Roadway Reconstruction	608347	Boston Region	Beverly	BEVERLY- INTERSECTION IMPROVEMENTS @ 3 LOCATIONS: CABOT STREET (ROUTE 1A/97) @ DODGE STREET (ROUTE 1A), COUNTY WAY, LONGMEADOW ROAD & SCOTT STREET, MCKAY STREET @ BALCH STREET & VETERANS MEMORIAL BRIDGE (ROUTE 1A) AT RANTOUL, CABOT, WATER & FRONT STREETS	4	CMAQ	\$ 1,520,2	71 \$	1,216,217	\$ 304,054	Construction; HSIP+CMAQ Total Cost = \$4,394,886; MPO Evaluation Score = 63; Project moved from FFY 2019.
AMENDMENT:Move Project - (FROM 2019)	Roadway Reconstruction	608347	Boston Region	Beverly	BEVERLY- INTERSECTION IMPROVEMENTS @ 3 LOCATIONS: CABOT STREET (ROUTE 14/97) @ DODGE STREET (ROUTE 14), COUNTY WAY, LONGMEADOW ROAD & SCOTT STREET, MCKAY STREET @ BALCH STREET & VETERANS MEMORIAL BRIDGE (ROUTE 1A) AT STREETS.	4	HSIP	\$ 2,874,6	15 \$	2,587,154	\$ 287,462	Construction; HSIP+CMAQ Total Cost = \$4,394,886; MPO Evaluation Score = 63; Project moved from FFY 2019.
AMENDMENT:Change Additional Information	Roadway Reconstruction	608275	Boston Region	Malden	MALDEN - EXHANGE STREET DOWNTOWN IMPROVEMENT PROJECT	4	CMAQ	\$ 1,000,0	00 \$	800,000	\$ 200,000	Construction; CMAQ+STP Total Cost = \$1,553,760 \$1,988,532; MPO Evaluation Score = 59
AMENDMENT:Increase Cost	Roadway Reconstruction	608275	Boston Region	Malden	MALDEN - EXHANGE STREET DOWNTOWN IMPROVEMENT PROJECT	4	STP		32 \$	790,826		59
					Regionally Pri	ioritized Proj	ects subtotal <b>&gt;</b>	\$ 102,478,6	6   \$	82,825,416	\$ 19,653,240	■ 80% Federal + 20% Non-Federal
► Section 1A / Fiscal Cor	nstraint Analysis				Total Regional Federal	Aid Funde 5	rogrammed >	\$ 102,478,6	6 \$	102.478.656	<b>∢</b> Total Budget	\$ - Target Funds Available
					Total Regional Federal		programmed >			49,745,905		Tai got i ando Avanable
	Column C) Enter ID f	rom ProjectInfo; Co	lumn E) Choose Muni	cipality Name from	opdown list to populate header and MPO column; dropdown list; Column H) Choose the Funding Source lines; Column I) Enter the total amount of funds being	HSIP	programmed ►	\$ 8,424,9	1 \$	7,582,420	◀ HSIP	

2020	Bostor	n Regi	on Trar	nsport	ation Improvemen	t Pro	gram						
Indicates a change in	n project cost												
Indicates removed from	om TIP (cost not	reflected in t	otal)										
Indicates a project m	oved in from and	other TIP eler	ment										
Indicates a project m	oved out to anot	ther TIP elem	ent (cost not re	eflected in total	al)								
Indicates a new addit	tion to the TIP (a	ction taken a	s denoted)										
Indicates a new fund	ing category												
Amendment / Adjustment Type ▼	STIP Program ▼	MassDOT Project ID ▼	Metropolitan Planning Organization ▼	Municipality Name ▼	MassDOT Project Description▼	MassDOT District ▼		Total Program Funds ▼	nmed	Federal Funds ▼		Non-Federal Funds ▼	Additional Information ▼  Present information as follows. if applicable; a)  Planning / Design / or Construction; b) total project cost and funding sources used: a) 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
							programmed >	_	7,182,034	•	21,745,627	<b>◄</b> CMAQ	

### **Boston Region Transportation Improvement Program** 2020 Indicates a change in project cost Indicates removed from TIP (cost not reflected in total) Indicates a project moved in from another TIP element Indicates a project moved out to another TIP element (cost not reflected in total) Indicates a new addition to the TIP (action taken as denoted) Indicates a new funding category Amendment / MassDOT Metropolitan Municipality MassDOT MassDOT Funding Total Programmed Federal Non-Federal Additional Information ▼ District ▼ Source ▼ Adjustment Type ▼ Project ID ▼ Planning Funds ▼ Funds ▼ Funds ▼ Program ▼ Project Present information as follows, if applicable; a) Planning / Design / or Construction; b) total project cos Organization ▼ **Description ▼** 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 nonfederal match; g) earmark details; h) TAP project proponent; i) other information ▶ Section 1B / Earmark or Discretionary Grant Funded Projects ► Other Federal Aid Boston- Improvements on Boylston Street, from Other Federal Aid 606453 Boston Region Intersection of Brookline Avenue & Park Drive to HPP 507.874 406,299 101,575 epurposed earmark MA 124 (for design) swich Street Other Federal Aid HPP Boston Region Other Federal Aid subtotal ▶ \$ 507,874 \$ 406.299 \$ 101,575 ■ Funding Split Varies by Funding Source Section 2A / State Prioritized Reliability Projects ► Bridge Program / Inspections Bridge Program Boston Region Bridge Inspection - \$ Bridge Program / Inspections subtotal ▶ \$ \$ ■ Funding Split Varies by Funding Source ▶ Bridge Program / Off-System Boston Region Bridge Program / Off-System Bridge Program Bridge Program / Off-System subtotal ▶ \$ \$ ■ 80% Federal + 20% Non-Federal ► Bridge Program / On-System (NHS) STOW- BRIDGE REPLACEMENT, S-29-001, (ST STOW 62) GLEASONDALE ROAD OVER THE NHPP-On 6,706,556 \$ 605342 Boston Region 3 5.365.245 \$ 1.341.311 Bridge Program ASSABET RIVER BOSTON- BRIDGE REPLACEMENT, B-16-016. AC Year 4 of 6, Total Project Cost = BOSTON NORTH WASHINGTON STREET OVER THE NHPP-On Bridge Program 604173 Boston Region 24.184.931 \$ 19 347 945 \$ 4.836.986 \$193,058,158 BOSTON INNER HARBOR CHELSEA- ROUTE 1 VIADUCT 605287 Boston Region AC Year 3 of 4, Total Cost = \$213,972,689 CHELSEA REHABILITATION (SB/NB) ON C-09-007 & C-09-NHPP-On 40.952.933 \$ 32.762.346 \$ 8.190.587 Bridge Program LYNN- SAUGUS- BRIDGE REPLACEMENT, L-18-3,174,485 AC Year 2 of 5, Total Cost = \$84,253,135 Bridge Program 604952 Boston Region Multiple 016=S-05-008, ROUTE 107 OVER THE SAUGUS NHPP-On 15,872,427 \$ 12,697,942 \$ RIVER (AKA - BELDEN G. BLY BRIDGE) Bridge Program / On-System (NHS) subtotal ▶ \$ 87,716,847 \$ 70,173,478 \$ 17,543,369 ■ Funding Split Varies by Funding Source ► Bridge Program / On-System (Non-NHS) Bridge Program Boston Region Bridge Program / On-System (Non-NHS) Bridge Program / On-System (Non-NHS) subtotal ▶ \$ \$ \$ ■ 80% Federal + 20% Non-Federal ▶ Bridge Program / Systematic Maintenance Bridge Program Boston Region Bridge Program / Systematic Maintenance \$ \$ Bridge Program / Systematic Maintenance subtotal ▶ \$ \$ ■ Funding Split Varies by Funding Source ► Interstate Pavement QUINCY- MILTON- BOSTON INTERSTATE 608208 Boston Region Multiple 24,264,576 \$ 21,838,118 \$ 2 426 458 Interstate Pavemen NHPP MAINTENANCE AND RELATED WORK ON I-93 21.838.118 \$ 2.426.458 ◀ 90% Federal + 10% Non-Federal Insterstate Pavement subtotal ▶ \$ 24.264.576 \$ ► Non-Interstate Pavement PEABODY- PAVEMENT PRESERVATION AND 4,712,448 \$ 609101 Boston Region 4 NHPP 3.769.958 \$ 942,490 Peabody RELATED WORK ON ROUTE 128

### **Boston Region Transportation Improvement Program** 2020 Indicates a change in project cost Indicates removed from TIP (cost not reflected in total) Indicates a project moved in from another TIP element Indicates a project moved out to another TIP element (cost not reflected in total) Indicates a new addition to the TIP (action taken as denoted) Indicates a new funding category Amendment / MassDOT Metropolitan Municipality MassDOT MassDOT Funding Total Programmed Federal Non-Federal Additional Information ▼ Adjustment Type ▼ Project ID ▼ Planning District ▼ Source ▼ Funds ▼ Funds ▼ Funds ▼ Name ▼ Project Program ▼ Present information as follows, if applicable; a) Planning / Design / or Construction; b) total project cos Organization ▼ **Description ▼** 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 nonfederal match; g) earmark details; h) TAP project proponent; i) other information Non-Interstate FOXBOROUGH- WALPOLE- RESURFACING 608480 Boston Region NHPP 8,036,933 \$ 6,429,546 \$ 1,607,387 Multiple 5 AND RELATED WORK ON US ROUTE 1 CAMBRIDGE- SOMERVILLE- RESURFACING Non-Interstate 608482 Boston Region Multiple 6 NHPP 8,541,312 6,833,050 \$ 1,708,262 AND RELATED WORK ON ROUTE 28 MARLBOROUGH- RESURFACING AND Non-Interstate 608467 Boston Region Marlborough 3 NHPP 14,358,240 \$ 11,486,592 \$ 2,871,648 Pavement RELATED WORK ON ROUTE 20 Non-Interstate CANTON- MILTON- RESURFACING AND 608484 Boston Region Multiple NHPP 17,941,664 14,353,331 \$ 3,588,333 RELATED WORK ON ROUTE 138 Non-Interstate Pavement subtotal ▶ \$ 53,590,597 \$ 42,872,478 \$ 10,718,119 ◀ 80% Federal + 20% Non-Federal ► Roadway Improvements Roadway Boston Region Roadway Improvements - \$ Improvements ■ 80% Federal + 20% Non-Federal Roadway Improvements subtotal ▶ \$ ► Safety Improvements BRAINTREE- HIGHWAY LIGHTING emove AC year 2; Project will be funded in 201 AMENDMENT:Remove Safety 608608 Boston Region Braintree IMPROVEMENTS AT I-93/ROUTE 3 NHPP only; Cost decrease from \$9,697,229 to Funding Source Improvements INTERCHANGE \$4,799,694 CANTON- MILTON- RANDOLPH-REPLACEMENT AND REHABILITATION OF THE Safety 608611 Boston Region Multiple NHPP 9,434,070 \$ 8,490,663 \$ 943,407 Improvements HIGHWAY LIGHTING SYSTEM AT THE ROUTE 24/ROUTE 1/I-93 INTERCHANGE Safety Boston Region Safety Improvements Improvements Safety Improvements subtotal ▶ \$ 9.434.070 \$ 8.490.663 \$ 943,407 ■ Funding Split Varies by Funding Source Section 2B / State Prioritized Modernization Projects ▶ ADA Retrofits ADA Retrofits Boston Region ADA Retrofits ADA Retrofits subtotal ▶ \$ - \$ - \$ ■ 80% Federal + 20% Non-Federal ► Intersection Improvements SOMERVILLE- SIGNAL AND INTERSECTION IMPROVEMENT ON I-93 AT MYSTIC AVENUE 608562 Boston Region Somerville HSIP 5,000,000 \$ 4,500,000 \$ 500,000 Improvements AND MCGRATH HIGHWAY (TOP 200 CRASH LOCATION) MILTON- INTERSECTION & SIGNAL Intersection 607342 Boston Region Milton IMPROVEMENTS @ ROUTE 28 (RANDOLPH HSIP 1,531,200 \$ 1,378,080 \$ 153,120 Improvements AVENUE) & CHICKATAWBUT ROAD BOSTON- INTERSECTION & SIGNAL IMPROVEMENTS AT THE VEW PARKWAY & 974 815 \$ 607759 Boston Region HSIP 877 334 \$ 97.482 Roston SPRING STREET Intersection Boston Region Intersection Improvements Intersection Improvements subtotal ▶ \$ 7.506.015 \$ 6.755.414 \$ 750,602 ◀ Funding Split Varies by Funding Source ► Intelligent Transportation Systems Intelligent \$ Boston Region Intelligent Transportation Systems Transportation

### 2020 **Boston Region Transportation Improvement Program** Indicates a change in project cost Indicates removed from TIP (cost not reflected in total) Indicates a project moved in from another TIP element Indicates a project moved out to another TIP element (cost not reflected in total) Indicates a new addition to the TIP (action taken as denoted) Indicates a new funding category Amendment / MassDOT Metropolitan Municipality MassDOT MassDOT Funding Total Programmed Federal Non-Federal Additional Information ▼ Adjustment Type ▼ Project ID ▼ Planning District ▼ Source ▼ Funds ▼ Funds ▼ Funds ▼ Program ▼ Name ▼ Project Present information as follows, if applicable; a) Planning / Design / or Construction; b) total project cos Organization ▼ **Description ▼** 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 nonfederal match; g) earmark details; h) TAP project proponent; i) other information ■ 80% Federal + 20% Non-Federal Intelligent Transportation System subtotal ▶ \$ - \$ - \$ ► Roadway Reconstruction MEDFORD- IMPROVEMENTS AT BROOKS 608835 Boston Region Medford 4 TAP 1.200.000 \$ 960,000 \$ 240 000 Reconstruction ELEMENTARY SCHOOL (SRTS) Roadway SALEM- IMPROVEMENTS AT BATES 608743 Boston Region Salem 4 TAP 937,500 750,000 \$ 187,500 Reconstruction ELEMENTARY SCHOOL (SRTS) WINCHESTER- IMPROVEMENTS AT VINSON-Roadway 608791 Boston Region Winchester TAP 1,666,200 1,332,960 \$ 333,240 OWEN ELEMENTARY SCHOOL (SRTS) Reconstruction Roadway Reconstruction subtotal ▶ 3.803.700 \$ 3.042.960 \$ 760,740 ■ Funding Split Varies by Funding Source ► Section 2C / State Prioritized Expansion Projects ► Bicycles and Pedestrians BOSTON- BROOKLINE- MULTI-USE PATH Bicycles and 1,770,722 \$ 354,144 | Construction / PSAC score 41 607888 Boston Region Multiple CMAQ 1,416,578 \$ Pedestrians CONSTRUCTION ON NEW FENWAY Bicycles and Pedestrians subtotal ▶ \$ 1,770,722 \$ 1,416,578 \$ 354,144 ◀ 80% Federal + 20% Non-Federal ▶ Capacity Capacity Boston Region Capacity - \$ Capacity subtotal ► \$ \$ ■ Funding Split Varies by Funding Source ► Planning / Adjustments / Pass-throughs ABP GANS Repayment Boston Region Multiple Boston Region ABP GANS Repayment Multiple \$ Multiple Boston Region Award adjustments, change orders, etc 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 State Planning and Research Work Program I, Boston Region Multiple \$ \$ (SPR I), Planning State Planning and Research Work Program II. Multiple Boston Region (SPR II) Research - \$ Boston Region Railroad Crossings Multiple Boston Region Railroad Crossings Multiple Boston Region Recreational Trails Multiple - \$ - \$ Other Statewide Items subtotal ▶ \$ ■ Funding Split Varies by Funding Source ► Section 4 / Non-Federally Aided Projects ► Non-Federally Aided Projects Boston Region Non-Federal Aid Non-Federal Aid subtotal▶ \$ ■100% Non-Federal TIP Section 4: ▼ Total of All 2020 Summary 291,073,058 \$ Total ▶ - \$ 291,073,058 ◀ Total Spending in Region Federal Funds ▶ 237,821,403 \$ 237,821,403 ◀ Total Federal Spending in Region - \$ 53,251,654 ◀ Total Non-Federal Spending in Region Non-Federal Funds ▶ \$ 53,251,654 \$

Indicates a change in project cost

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

Indicates a new funding category

Amendment / Adjustment Type ▼	STIP Program ▼	Project ID ▼		Name ▼	MassDOT Project Description▼	MassDOT District ▼		Total Programmed Funds ▼	Federal Funds ▼	Non-Federal Funds ▼	Additional Information ▼  Present information as follows. If applicable; a)  Planning / Design / or Construction; b) total project cost and funding sources used; o, advance construction status; d) MPO project score; e) name of entity receiving a transfer; f) name of entity paying the non-state non-federal match; g) earmark details; h) TAP project proponent; i) other information
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701 CMR 7.00 Use of Road Flaggers and Police Details on Public Works Projects / 701 CMR 7.00 (the Regulation) was promulgated and became law on October 3, 2008. Under this Regulation, the CMR is applicable to any Public works Project that is performed within the limits of, or that impact traffic on, any Public Road. The Municipal Limitation referenced in this Regulation is applicable only to projects where the Municipality is the Awarding Authority. For all projects contained in the TIP, the Commonwealth is the Awarding Authority. Therefore, all projects must be considered and implemented in accordance with 701 CMR 7.00, and the Road Flagger and Police Detail Guidelines. By placing a project on the TIP, the Municipality acknowledges that 701 CMR 7.00 is applicable to its project and design and construction will be fully compliant with this Regulation. This information, and additional information relative to guidance and implementation of the Regulation can be found at the following link on the MassDOT Highway Division website: http://www.massdot.state.ma.us/Highway/flaggers/main.aspx

Indicates a change in project cost

Indicates removed from TIP (cost not reflected in total)

Indicates a project moved in from another TIP element

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

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Amendment / Adjustment Type ▼	STIP Program ▼	MassDOT Project ID ▼	Metropolitan Planning Organization ▼	Municipality Name ▼	MassDOT Project Description ♥	MassDOT District ▼	_	Total Programmed Funds ▼	Federal Funds ▼	Non-Federal Funds ▼	Additional Information ▼ Present Information as follows, if applicable: a) Planning / Design / or Construction: b) total project cost and funding sources used; c) advance construction status; d) MPO project score; e) name of entity receiving a transfer; f) name of entity paying the non-state non-federal match; g) earmark details; h) TAP project proponent; i) other information
► Section 1A / Region	nally Prioritized	Projects									
► Regionally Prioritiz	ed Projects										
AMENDMENT:Remove Funding Source	Roadway Reconstruction	606226	Boston Region	Boston	BOSTON-RECONSTRUCTION OF RUTHERFORD AVENUE, FROM CITY SQUARE TO SULLIVAN SQUARE	6	NHPP	\$ 11,207,439	\$ 8,965,951	\$ 2,241,488	Construction; NHPP+STP+TAP Total Cost = \$152,000,000; AC Yr 2 of 5; Total funding in this TIP = \$116,626,516 \$57,824,785; TAP Proponent = Boston; MPO Evaluation Score = 59; Project moved out to FFY 2022.
AMENDMENT:Remove Funding Source	Roadway Reconstruction	606226	Boston Region	Boston	BOSTON- RECONSTRUCTION OF RUTHERFORD AVENUE, FROM CITY SQUARE TO SULLIVAN SQUARE	6	TAP	\$ 1,922,546	\$ 1,538,037	\$ 384,509	Construction; NHPP+STP+TAP Total Cost = \$152,000,000; AC Yr 2 of 5; Total funding in this TIP = \$116,626,615 \$57,824,785; TAP Proponent = Boston; MPO Evaluation Score = 59; TAP Proponent = Boston; Project moved out to FFY 2022.
AMENDMENT:Remove Funding Source	Roadway Reconstruction	606226	Boston Region	Boston	BOSTON- RECONSTRUCTION OF RUTHERFORD AVENUE, FROM CITY SQUARE TO SULLIVAN SQUARE	6	STP	\$ 14,050,761	\$ 11,240,609	\$ 2,810,152	Construction; NHPP+STP+TAP Total Cost = \$152,000,000; AC Yr 2 of 5; Total funding in this TIP = \$116,626,515 \$57,824,785; TAP Proponent Boston; MPO Evaluation Score = 59; Project moved out to FFY 2022.
AMENDMENT:Increase Cost	Planning / Adjustments / Pass-throughs	1570	Boston Region	Multiple	GREEN LINE EXTENSION PROJECT- EXTENSION TO COLLEGE AVENUE WITH THE UNION SQUARE SPUR	6	CMAQ	\$ 30,719,132	\$ 24,575,306	\$ 6,143,826	Construction; STP+CMAQ+Section 5309 (Transit) Total MPO Contribution = \$190,000,000; AC Yr 6 of 6; funding flexed to FTA; match provided by local contributions; \$1,619,132 in funding moved from FFY 2020 to FFY 2021.
AMENDMENT:Add Project	Roadway Reconstruction	606476	Boston Region	Boston	BOSTON- ROADWAY, CEILING & WALL RECONSTRUCTION, NEW JET FANS, AND OTHER CONTROL SYSTEMS IN SUMNER TUNNEL	6	NHPP	\$ 22,115,687	\$ 17,692,550	\$ 4,423,137	Construction; NHPP+HSIP+Other Federal Aid Total Cost = \$126,544,931; Total MPO Contribution = \$22,115,687; AC Yr 1 of 3
AMENDMENT:Change Additional Information	Roadway Reconstruction	606453	Boston Region	Boston	BOSTON- IMPROVEMENTS ON BOYLSTON STREET, FROM INTERSECTION OF BROOKLINE AVENUE & PARK DRIVE TO IPSWICH STREET	6	CMAQ	\$ 1,000,000	\$ 800,000	\$ 200,000	Construction; CMAQ+TAP+STP Total Cost = \$8,542,892 \$8,852,517; MPO Evaluation Score = 58
AMENDMENT:Change Additional Information	Roadway Reconstruction	606453	Boston Region	Boston	BOSTON-IMPROVEMENTS ON BOYLSTON STREET, FROM INTERSECTION OF BROOKLINE AVENUE & PARK DRIVE TO IPSWICH STREET	6	TAP	\$ 812,432	\$ 649,946	\$ 162,486	Construction; CMAQ+TAP+STP Total Cost = \$8,642,892 \$8,852,517; MPO Evaluation Score = 58
AMENDMENT:Increase Cost	Roadway Reconstruction	606453	Boston Region	Boston	BOSTON-IMPROVEMENTS ON BOYLSTON STREET, FROM INTERSECTION OF BROOKLINE AVENUE & PARK DRIVE TO IPSWICH STREET	6	STP	\$ 7,040,085	\$ 5,632,068	\$ 1,408,017	Construction; CMAQ+TAP+STP Total Cost = \$8,542,892 \$8,852,517; MPO Evaluation Score = 58; TAP Proponent = Boston
AMENDMENT:Decrease Cost	Bridge Program	604996	Boston Region	Woburn	WOBURN- BRIDGE REPLACEMENT, W-43-017, NEW BOSTON STREET OVER MBTA	4	STP	\$ 15,482,660	\$ 12,386,128	\$ 3,096,532	Construction; Total Cost = \$16.418,347 \$15,482,660; MPO Evaluation Score = 55

Indicates a change in project cost

Indicates removed from TIP (cost not reflected in total)

Indicates a project moved in from another TIP element

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

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

Indicates a new funding category

indicates a new ful										
Amendment / Adjustment Type ▼	STIP Program ▼	MassDOT Metropolitan Project ID ▼ Planning Organization	Municipality Name ▼	MassDOT Project Description ▼	MassDOT District ▼	_	Total Programmed Funds ▼	Federal Funds ▼	Non-Federal Funds ▼	Additional Information V 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
AMENDMENT:Change Additional Information	Roadway Reconstruction	608228 Boston Region	Framingham	FRAMINGHAM- RECONSTRUCTION OF UNION AVENUE, FROM PROCTOR STREET TO MAIN STREET	3	HSIP	\$ 1,000,000	\$ 900,000	\$ 100,000	Construction; STP+HSIP+TAP Total Cost = \$9,124,364 \$8,504,804; MPO Evaluation Score = 58
AMENDMENT:Change Additional Information	Roadway Reconstruction	608228 Boston Region	Framingham	FRAMINGHAM- RECONSTRUCTION OF UNION AVENUE, FROM PROCTOR STREET TO MAIN STREET	3	TAP	\$ 1,006,391	\$ 805,113	\$ 201,278	Construction; STP+HSIP+TAP Total Cost = \$9,124,364 \$8,504,804; MPO Evaluation Score = 58
AMENDMENT:Decrease Cost	Roadway Reconstruction	608228 Boston Region	Framingham	FRAMINGHAM- RECONSTRUCTION OF UNION AVENUE, FROM PROCTOR STREET TO MAIN STREET	3	STP	\$ 6,498,413	\$ 5,198,730	\$ 1,299,683	Construction; STP+HSIP+TAP Total Cost = \$9,124,364 \$8,504,804; MPO Evaluation Score = 58; TAP Proponent = Framingham
AMENDMENT:Increase Cost	Roadway Reconstruction	606501 Boston Region	Holbrook	HOLBROOK- RECONSTRUCTION OF UNION STREET (ROUTE 139), FROM LINFIELD STREET TO CENTRE STREET/WATER STREET	5	STP	\$ 2,454,293	\$ 1,963,434	\$ 490,859	Construction; TAP+STP+Earmark Total Cost = \$2,285,168 \$4,270,631; MPO Evaluation Score = 45
AMENDMENT:Change Additional Information	Roadway Reconstruction	606501 Boston Region	Holbrook	HOLBROOK- RECONSTRUCTION OF UNION STREET (ROUTE 139), FROM LINFIELD STREET TO CENTRE STREET/WATER STREET	5	TAP	\$ 289,088	\$ 231,270	\$ 57,818	Construction; TAP+STP+Earmark Total Cost = \$2,285,168 \$4,270,631; MPO Evaluation Score = 45; TAP Proponent = Holbrook
AMENDMENT:Change Additional Information	Intersection Improvements	606130 Boston Region	Norwood	NORWOOD- INTERSECTION IMPROVEMENTS @ ROUTE 1A & UPLAND ROAD/WASHINGTON STREET & PROSPECT STREET/FULTON STREET	5	CMAQ	\$ 1,000,000	\$ 800,000	\$ 200,000	Construction; CMAQ+STP Total Cost = \$3,936,781 \$4,028,045; MPO Evaluation Score = 53
AMENDMENT:Increase Cost	Intersection Improvements	606130 Boston Region	Norwood	NORWOOD- INTERSECTION IMPROVEMENTS @ ROUTE 1A & UPLAND ROADWASHINGTON STREET & PROSPECT STREET/FULTON STREET	5	STP	\$ 3,028,045	\$ 2,422,436	\$ 605,609	Construction; CMAQ+STP Total Cost = \$3,936,781 \$4,028,045; MPO Evaluation Score = 53
AMENDMENT:Increase Cost	Roadway Reconstruction	608146 Boston Region	Marblehead	MARBLEHEAD- INTERSECTION IMPROVEMENTS AT PLEASANT STREET & VILLAGE, VINE AND CROSS STREETS	4	STP	\$ 786,568	\$ 629,254	\$ 157,314	Construction; STP Total Cost = \$726,570 \$786,568; MPO Evaluation Score = 40
AMENDMENT:Move Project - (FROM 2023)	Intersection Improvements	608443 Boston Region	Multiple	LITTLETON- AYER- INTERSECTION IMPROVEMENTS ON ROUTE 2A AT WILLOW ROAD AND BRUCE STREET	3	HSIP	\$ 1,000,000	\$ 900,000	\$ 100,000	Construction; HSIP+STBG Total Cost = \$2,784,000 \$2,589,272; MPO Evaluation Score = 36; Project moved from FFY 2023
AMENDMENT:Move Project - (FROM 2023)	Intersection Improvements	608443 Boston Region	Multiple	LITTLETON- AYER- INTERSECTION IMPROVEMENTS ON ROUTE 2A AT WILLOW ROAD AND BRUCE STREET	3	STP	\$ 1,589,272	\$ 1,271,418	\$ 317,854	Construction; HSIP+STBG Total Cost = \$2,784,000 \$2,589,272; MPO Evaluation Score = 36; Project moved from FFY 2023
AMENDMENT:Move Project - (FROM 2023)	Intersection Improvements	607305 Boston Region	Reading	READING- INTERSECTION SIGNALIZATION @ ROUTE 28 & HOPKINS STREET	4	HSIP	\$ 750,419	\$ 675,377	\$ 75,042	Construction; HSIP+STBG Total Cost = \$1,468,283 \$1,750,419; MPO Evaluation Score = 38; Project moved from FFY 2023
AMENDMENT:Move Project - (FROM 2023)	Intersection Improvements	607305 Boston Region	Reading	READING- INTERSECTION SIGNALIZATION @ ROUTE 28 & HOPKINS STREET	4	STP	\$ 1,000,000	\$ 800,000	\$ 200,000	Construction; HSIP+STBG Total Cost = \$1,468,283 \$1,750,419; MPO Evaluation Score = 38; Project moved from FFY 2023
AMENDMENT:Move Project - (FROM 2020)	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 = \$4,579,577 \$4,980,392; MPO Evaluation Score = 38; Project moved from FFY 2020

20,635,534 ◀ 80% Federal + 20% Non-Federal

- Target Funds Available

### **Boston Region Transportation Improvement Program** 2021 Indicates a change in project cost Indicates removed from TIP (cost not reflected in total) Indicates a project moved in from another TIP element Indicates a project moved out to another TIP element (cost not reflected in total) Indicates a new addition to the TIP (action taken as noted) Indicates a new funding category Amendment / Metropolitan Municipality MassDOT MassDOT Funding Total Programmed Federal Non-Federal Additional Information ▼ Adjustment Type ▼ Project Funds ▼ Program ▼ Project ID ▼ Planning District ▼ Source ▼ Funds ▼ Funds ▼ Present information as follows, if applicable: a) Organization ▼ Planning / Design / or Construction; b) total project **Description** ▼ 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 LYNN- RECONSTRUCTION ON ROUTE 129 Construction: CMAQ+STP Total Cost = AMENDMENT:Move Roadway 602077 Boston Region (LYNNFIELD STREET), FROM GREAT WOODS STP 3,980,392 \$ 3,184,314 \$ 796,078 579,577 \$4,980,392; MPO Evaluation Score Project - (FROM 2020) Reconstruction ROAD TO WYOMA SQUARE = 38; Project moved from FFY 2020 Planning / Planning, Design, or Construction; Set Aside COMMUNITY TRANSPORTATION PROGRAM CMAQ 2,000,000 \$ Adjustments / BN0009 Boston Region Multiple N/A 1,600,000 \$ 400,000 for LRTP Clean Air and Mobility Program Pass-throughs

Regionally Prioritized Projects subtotal ▶ \$

### Section 1A / Fiscal Constraint Analysis

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

Total Regional Federal Aid	Funds Programmed ►	\$ 104,552,877	\$ 104,552,877	▼Total Budget	5
	STP programmed ▶	\$ 63,975,415	\$ 51,180,332	STP	Γ
opulate header and MPO column;					
Column H) Choose the Funding	HSIP programmed ▶	\$ 2,750,419	\$ 2,475,377	◆ HSIP	
Column I) Enter the total amount of					
autocalculates. Please verify the verify the split/match - if matching an	CMAQ programmed ►	\$ 35,719,132	\$ 28,575,306	<b>◆</b> CMAQ	
Information as described - please do					
information as described - picase do	TAP programmed ▶	\$ 2,107,911	\$ 1,686,329	<b>▼</b> TAP	

83,917,344 \$

104,552,877 \$

### 2021 **Boston Region Transportation Improvement Program** Indicates a change in project cost Indicates removed from TIP (cost not reflected in total) Indicates a project moved in from another TIP element Indicates a project moved out to another TIP element (cost not reflected in total) Indicates a new addition to the TIP (action taken as noted) Indicates a new funding category Amendment / Metropolitan Municipality MassDOT MassDOT Funding Total Programmed Federal Non-Federal Additional Information ▼ Adjustment Type ▼ Funds ▼ Program ▼ Project ID ▼ **Planning** Project District ▼ Source ▼ Funds ▼ Funds ▼ Present information as follows, if applicable: a Planning / Design / or Construction; b) total project Organization ▼ Description ▼ cost and funding sources used; c) advance construction status; d) MPO project score; e) name of entity receiving a transfer; f) name of entity paying the non-state non-federal match; g) earmark details; h) TAP project proponent; i) other ► Section 1B / Earmark or Discretionary Grant Funded Projects ► Other Federal Aid HOLBROOK- RECONSTRUCTION OF LINION 305,450 Demo ID MA177 606501 Boston Region Holbrook STREET (ROUTE 139), FROM LINFIELD STREET HPP 1,527,250 1,221,800 Discretionary TO CENTRE STREET/WATER STREET BOSTON- ROADWAY, CEILING & WALL Construction: NHPP+HSIP+Other Federal Aid AMENDMENT:Add RECONSTRUCTION, NEW JET FANS, AND Total Cost = \$126.544.931: Total MPO Roadway 606476 Boston Region Other FA 12,655,015 \$ 10,124,012 \$ 2,531,003 OTHER CONTROL SYSTEMS IN SUMNER Contribution = \$22,115,687; AC Yr 1 of 3; Othe Reconstruction Federal Aid = HIP (Boston) TUNNEL BOSTON- ROADWAY, CEILING & WALL Construction; NHPP+HSIP+Other Federal Aid AMENDMENT:Add Roadway RECONSTRUCTION, NEW JET FANS, AND Total Cost = \$126,544,931; Total MPO 606476 Boston Region Other FA 17,830,184 \$ 14 264 147 \$ 3 566 037 OTHER CONTROL SYSTEMS IN SUMNER Contribution = \$22,115,687; AC Yr 1 of 3; Othe Project Reconstruction TUNNEL Federal Aid = HIP (Boston) Boston Region Other Federal Aid HPP Other Federal Aid subtotal ▶ \$ 32,012,449 \$ 25,609,959 \$ 6,402,490 ◀ Funding Split Varies by Funding Source ► Section 2A / State Prioritized Reliability Projects ► Bridge Program / Inspections Boston Region Bridge Program Bridge Inspection Bridge Program / Inspections subtotal ▶ \$ - \$ \$ ■ Funding Split Varies by Funding Source ► Bridge Program / Off-System MAYNARD- BRIDGE REPLACMENT, M-10-006, STP-BR-608637 Boston Region MAYNARD CARRYING FLORIDA ROAD OVER THE ASSABET 1,646,400 \$ 1,317,120 \$ 329,280 Bridge Program / Off-System subtotal ▶ \$ 1,646,400 \$ 1,317,120 \$ 329,280 ◀ 80% Federal + 20% Non-Federal ► Bridge Program / On-System (NHS) BOSTON- BRIDGE REPLACEMENT, B-16-016. BOSTON NHPP-On 4,836,986 AC Year 5 of 6, Total Cost = \$193,058,158 604173 Boston Region NORTH WASHINGTON STREET OVER THE 24,184,931 19,347,945 Bridge Program BOSTON INNER HARBOR CHELSEA- ROUTE 1 VIADUCT REHABILITATION CHELSEA NHPP-On 29,992,990 23,994,392 AC Year 4 of 4, Total Cost = \$213,972,689 Bridge Program 605287 Boston Region (SB/NB) ON C-09-007 & C-09-011 LYNN- SAUGUS- BRIDGE REPLACEMENT, L-18-3,796,951 AC Year 3 of 5, Total Cost = \$84,253,135 Bridge Program 604952 Boston Region Multiple 016=S-05-008, ROUTE 107 OVER THE SAUGUS NHPP-On 18.984.753 \$ 15,187,802 \$ RIVER (AKA - BELDEN G. BLY BRIDGE) Bridge Program / On-System (NHS) subtotal ▶ \$ 73,162,674 \$ 58,530,139 \$ 14,632,535 ◀ Funding Split Varies by Funding Source ► Bridge Program / On-System (Non-NHS) ESSEX- SUPERSTRUCTURE REPLACEMENT, E 608596 Boston Region 11-001 (2TV), ROUTE 133\MAIN STREET OVER NHPP-Off 4,511,360 3,609,088 Bridge Program 902,272 Boston Region NHPP-Off Bridge Program 902.272 ◀ 80% Federal + 20% Non-Federal Bridge Program / On-System (Non-NHS) subtotal ▶ \$ 4.511.360 \$ 3.609.088 \$

### **Boston Region Transportation Improvement Program** 2021 Indicates a change in project cost Indicates removed from TIP (cost not reflected in total) Indicates a project moved in from another TIP element Indicates a project moved out to another TIP element (cost not reflected in total) Indicates a new addition to the TIP (action taken as noted) Indicates a new funding category Amendment / Metropolitan Municipality MassDOT MassDOT Funding Total Programmed Federal Non-Federal Additional Information ▼ Adjustment Type ▼ Funds ▼ Program ▼ Project ID ▼ **Planning** Project District ▼ Source ▼ Funds ▼ Funds ▼ Present information as follows, if applicable: a) Planning / Design / or Construction; b) total project Organization ▼ Description **▼** cost and funding sources used; c) advance construction status; d) MPO project score; e) name of entity receiving a transfer; f) name of entity paying the non-state non-federal match; g) earmark details; h) TAP project proponent; i) other ► Bridge Program / Systematic Maintenance NEWTON- STEEL SUPERSTRUCTURE CLEANING 608610 Boston Region Bridge Program NEWTON NHPP-On \$ 2.304.000 1.843.200 460.800 (FULL REMOVAL) AND PAINTING OF N-12-055 Bridge Program / Systematic Maintenance subtotal ▶ \$ 2,304,000 1,843,200 ► Interstate Pavement DANVERS- TOPSFIELD- BOXFORD- ROWLEY Interstate 608378 Boston Region Multiple INTERSTATE MAINTENANCE AND RELATED NHPP 17.299.744 15.569.770 1.729.974 WORK ON I-95 Insterstate Pavement subtotal ▶ \$ 17,299,744 \$ 15,569,770 \$ 1,729,974 ◀ 90% Federal + 10% Non-Federal ► Non-Interstate Pavement YNNFIELD- PEABODY- RESURFACING AND 607477 Boston Region Multiple NHPP 7,424,560 5,939,648 \$ 1,484,912 RELATED WORK ON ROUTE 1 Pavement Non-Interstate Pavement subtotal ▶ \$ 7,424,560 \$ 5,939,648 \$ 1,484,912 **◄** 80% Federal + 20% Non-Federal ▶ Roadway Improvements Boston Region Roadway Improvements Improvements Roadway Improvements subtotal ▶ \$ - \$ - \$ - ■ 80% Federal + 20% Non-Federal ► Safety Improvements BOSTON-MILTON-QUINCY- HIGHWAY LIGHTING Safety SYSTEM REPLACEMENT ON I-93, FROM NHPP 300,000 609090 Boston Region Multiple 6 3,000,000 2,700,000 Improvements NEPONSET AVENUE TO THE BRAINTREE Safety Boston Region Safety Improvements Improvements Safety Improvements subtotal ▶ \$ 2,700,000 \$ 300,000 ◀ Funding Split Varies by Funding Source 3.000.000 ► ADA Retrofits ADA Retrofits Boston Region ADA Retrofits - \$ ADA Retrofits subtotal ▶ \$ - \$ - \$ - ■ 80% Federal + 20% Non-Federal ► Intersection Improvements SWAMPSCOTT- INTERSECTION & SIGNAL 607761 Boston Region IMPROVEMENTS AT SR 1A (PARADISE ROAD) AT HSIP 2.000.000 1.800.000 200.000 Improvements SWAMPSCOTT MALL ACTON- INTERSECTION & SIGNAL Intersection 607748 Boston Region IMPROVEMENTS ON SR 2 & SR 111 HSIP 5,000,000 4,500,000 500,000 Improvements (MASSACHUSETTS AVENUE) AT PIPER ROAD & TAYLOR ROAD Intersection Boston Region ntersection Improvements Improvements 7,000,000 \$ 6,300,000 \$ Intersection Improvements subtotal ▶ \$ ► Intelligent Transportation Systems

### 2021 **Boston Region Transportation Improvement Program** Indicates a change in project cost Indicates removed from TIP (cost not reflected in total) Indicates a project moved in from another TIP element Indicates a project moved out to another TIP element (cost not reflected in total) Indicates a new addition to the TIP (action taken as noted) Indicates a new funding category Amendment / Metropolitan Municipality MassDOT MassDOT Funding Total Programmed Federal Non-Federal Additional Information ▼ Adjustment Type ▼ Program ▼ Project ID ▼ **Planning** Project District ▼ Source ▼ Funds ▼ Funds ▼ Funds ▼ Present information as follows, if applicable: a Planning / Design / or Construction; b) total project Organization ▼ Description ▼ 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 Intelligent Transportation Boston Region ntelligent Transportation Systems Systems Intelligent Transportation System subtotal ▶ \$ - ■ 80% Federal + 20% Non-Federal - \$ ► Roadway Reconstruction BELMONT- IMPROVEMENTS AT WELLINGTON 608911 Boston Region Belmont TAP 1,243,750 995,000 \$ 248,750 ELEMENTARY SCHOOL (SRTS) Reconstruction DEDHAM- PEDESTRIAN IMPROVEMENTS Roadway 607901 Boston Region ALONG ELM STREET & RUSTCRAFT ROAD CMAQ 3,230,597 2,584,478 \$ 646,119 Reconstruction CORRIDORS BOSTON- ROADWAY, CEILING & WALL Construction: NHPP+HSIP+Other Federal Aid AMENDMENT:Add RECONSTRUCTION, NEW JET FANS, AND Roadway NHPP 6,901,660 Total Cost = \$126,544,931; Total MPO 606476 Boston Region 5,521,328 \$ 1,380,332 OTHER CONTROL SYSTEMS IN SUMNER Project Reconstruction Contribution = \$22,115,687; AC Yr 1 of 3 BOSTON- ROADWAY, CEILING & WALL Construction: NHPP+HSIP+Other Federal Aid AMENDMENT:Add RECONSTRUCTION NEW JET FANS AND Roadway HSIP 8,376,444 \$ 7,538,800 \$ Total Cost = \$126,544,931; Total MPO 606476 Boston Region OTHER CONTROL SYSTEMS IN SUMNER Reconstruction Contribution = \$22,115,687; AC Yr 1 of 3 TUNNEL Roadway Reconstruction subtotal ▶ \$ 19,752,451 \$ 16,639,605 \$ ► Section 2C / State Prioritized Expansion Projects ▶ Bicycles and Pedestrians WAKEFIELD- LYNNFIELD- RAIL TRAIL Bicycles and 2,063,312 | Construction / PSAC score 32.5 EXTENSION, FROM THE GALVIN MIDDLE 10,316,559 607329 Boston Region Multiple CMAQ 8,253,247 Pedestrians SCHOOL TO LYNNFIELD/PEABODY T.L. Bicvcles and Pedestrians subtotal ▶ \$ 10.316.559 \$ 8.253.247 \$ 2.063.312 ◀ 80% Federal + 20% Non-Federal ▶ Capacity Capacity Boston Region Capacity \$ - \$ - \$ Capacity subtotal ▶ \$ - \$ - \$ - ■ Funding Split Varies by Funding Source ► Section 3 / Planning / Adjustments / Pass-throughs ▶ Planning / Adjustments / Pass-throughs Boston Region ABP GANS Repayment Multiple Boston Region ABP GANS Repayment Multiple Boston Region Award adjustments, change orders, etc. Multiple \$ Boston Region Award adjustments, change orders, etc. Multiple \$ Boston Region Award adjustments, change orders, etc. Multiple \$ Boston Region Award adjustments, change orders, etc. Multiple Boston Region Metropolitan Planning Multiple \$ Metropolitan Planning Boston Region Multiple \$ \$ State Planning and Research Work Program I, (SPR Boston Region Multiple \$ -State Planning and Research Work Program II, Multiple \$ \$ Boston Region (SPR II), Research Boston Region Railroad Crossings Multiple Boston Region Railroad Crossings Multiple Boston Region Recreational Trails Multiple - \$ Other Statewide Items subtotal ▶ \$ ■ Funding Split Varies by Funding Source

2021	Bosto	on Reg	gion Tra	anspo	rtation Im	provemer	nt Pro	ograr	n			
Indicates a change	in project co	st										
Indicates removed	from TIP (co	st not reflecte	ed in total)									
Indicates a project	moved in fro	m another TI	P element									
Indicates a project	moved out to	another TIP	element (cost	not reflected	l in total)							
Indicates a new ad	dition to the	TIP (action ta	iken as noted)									
Indicates a new fur	nding categor	ry										
Amendment / Adjustment Type ▼	STIP Program ▼	Project ID ▼	Metropolitan Planning Organization ▼	Municipality Name ▼	MassDOT Project Description ♥		MassDOT District ▼	Funding Source ▼	Total Programmed Funds ▼	Federal Funds ▼	Non-Federal Funds ▼	Additional Information ▼ Present information as follows, if applicable: a) Planning / 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 4 / Non-Fed	lerally Aided P	rojects										
► Non-Federally Aide	d Projects		-									
	Non Federal Aid	d	Boston Region		Non-Federal Aid				\$ -		\$ -	
			1			Nor	n-Federal Ai	d subtotal <b>▶</b>	\$ -		\$ -	◀100% Non-Federal
2021 Summ	ary								TIP Section 1 - 3: ▼	TIP Section 4: ▼	Total of All Projects ▼	
								Total ► ral Funds ► ral Funds ►	\$ 230,229,120		\$ 230,229,120	■ Total Spending in Region     ■ Total Federal Spending in Region     ■ Total Non-Federal Spending in Region
The Municipal Limitation rel Road Flagger and Police De	ferenced in this Req etail Guidelines. By	egulation is applicably placing a project of	ole only to projects who	ere the Municipalit pality acknowledge	ty is the Awarding Authority. Fo	or all projects contained in the able to its project and design a	TIP, the Com	monwealth is th	ne Awarding Authority. The	erefore, all projects must	be considered and imple	ne limits of, or that impact traffic on, any Public Road. mented in accordance with 701 CMR 7.00, and the relative to guidance and implementation of the

Construction; HSIP+CMAQ+STP Total Cost = \$13,701,100 \$15,120,000; MPO Evaluation Score =

Construction; HSIP+CMAQ+STP Total Cost =

\$13,701,100 \$15,120,000; MPO Evaluation Score 75

### 2022 Boston Region Transportation Improvement Program

Indicates a change in project cost

AMENDMENT:Change

AMENDMENT:Increase Cost

Additional Information

Roadway

Roadway

Reconstruction

607777 Boston Region

607777 Boston Region

Watertown

Watertown

Indicates removed from TIP (cost not reflected in total)

Indicates a project moved in from another TIP element

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

Indicates a new additi	on to the TIP	(action taker	n as denoted)								
Indicates a new fundir	ng category										
Amendment / Adjustment Type ▼	STIP Program ▼	MassDOT Project ID ▼	Metropolitan Planning Organization ▼	Municipality Name ▼	MassDOT Project Description ▼	MassDOT District ▼	Funding Source ▼	Total Programmed Funds ▼	Federal Funds ▼	Non-Federal Funds ▼	Additional Information ▼  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 / RegionalI	y Prioritized Pro	ojects	,								
► Regionally Prioritized	Projects										
AMENDMENT:Decrease Cost	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 1 of 5; Total funding in this TIP = \$146,626,615 \$57,824,785; MPO Evaluation Score = 59; Funding decrease in FFY 2022 of \$18,889,404
AMENDMENT:Decrease Cost	Roadway Reconstruction	606226	Boston Region	Boston	BOSTON- RECONSTRUCTION OF RUTHERFORD AVENUE, FROM CITY SQUARE TO SULLIVAN SQUARE	6	STP	\$ 7,609,193	\$ 6,087,354	\$ 1,521,839	Construction; NHPP+STP+TAP Total Cost = \$152,000,000; AC Yr 1 of 5; Total funding in this TIP = \$148,626,615 \$57,824,785; MPO Evaluation Score = 59; Funding decrease in FFY 2022 of \$18,889,404
AMENDMENT:Change Additional Information	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 1 of 5; Total funding in this TIP = \$116,626,515 \$57,824,785; MPO Evaluation Score = 59; TAP Proponent = Boston; Funding decrease in FFY 2022 of \$18,889,404
AMENDMENT:Change Additional Information	Intersection Improvements	605857	Boston Region	Norwood	NORWOOD- INTERSECTION IMPROVEMENTS @ ROUTE 1 & UNIVERSITY AVENUE/EVERETT STREET	5	CMAQ	\$ 3,000,000	\$ 2,400,000	\$ 600,000	Construction; HSIP+CMAQ+STP+NHPP Total Cost = \$0,166,410 \$10,166,526; MPO Evaluation Score = 55
AMENDMENT:Change Additional Information	Intersection Improvements	605857	Boston Region	Norwood	NORWOOD- INTERSECTION IMPROVEMENTS @ ROUTE 1 & UNIVERSITY AVENUE/EVERETT STREET	5	HSIP	\$ 631,724	\$ 568,552	\$ 63,172	Construction; HSIP+CMAQ+STP+NHPP Total Cost = \$9,166,410.\$10,166,526; MPO Evaluation Score = 55
AMENDMENT:Change Additional Information	Intersection Improvements	605857	Boston Region	Norwood	NORWOOD-INTERSECTION IMPROVEMENTS @ ROUTE 1 & UNIVERSITY AVENUE/EVERETT STREET	5	NHPP	\$ 2,873,029	\$ 2,298,423	\$ 574,606	Construction; HSIP+CMAQ+STP+NHPP Total Cost = \$0,166,410 \$10,166,526; MPO Evaluation Score = 55
AMENDMENT:Increase Cos	Intersection Improvements	605857	Boston Region	Norwood	NORWOOD-INTERSECTION IMPROVEMENTS @ ROUTE 1 & UNIVERSITY AVENUE/EVERETT STREET	5	STP	\$ 3,661,773	\$ 2,929,418	\$ 732,355	Construction; HSIP+CMAQ+STP+NHPP Total Cost = \$9,166,410 \$10,166,526; MPO Evaluation Score = 55
AMENDMENT:Change Additional Information	Bicycles and Pedestrians	607738	Boston Region	Bedford	BEDFORD- MINUTEMAN BIKEWAY EXTENSION, FROM LOOMIS STREET TO THE CONCORD T.L.	4	CMAQ	\$ 6,489,964	\$ 5,191,971	\$ 1,297,993	Construction; CMAQ+TAP Total Cost = \$6,839,964 \$8,234,946; MPO Evaluation Score = 47
AMENDMENT:Increase Cos	Bicycles and Pedestrians	607738	Boston Region	Bedford	BEDFORD- MINUTEMAN BIKEWAY EXTENSION, FROM LOOMIS STREET TO THE CONCORD T.L.	4	TAP	\$ 1,744,982	\$ 1,395,986	\$ 348,996	Construction; CMAQ+TAP Total Cost = \$6,839,964 \$8,234,946; MPO Evaluation Score = 47; TAP Proponent = Bedford
AMENDMENT:Decrease Cost	Bicycles and Pedestrians	608164	Boston Region	Sudbury	SUDBURY- BIKE PATH CONSTRUCTION (BRUCE FREEMAN RAIL TRAIL)	3	CMAQ	\$ 8,834,137	\$ 7,067,310	\$ 1,766,827	Construction; CMAQ+TAP Total Cost = \$9,684,778- \$9,334,137; MPO Evaluation Score = 40
AMENDMENT:Change Additional Information	Bicycles and Pedestrians	608164	Boston Region	Sudbury	SUDBURY- BIKE PATH CONSTRUCTION (BRUCE FREEMAN RAIL TRAIL)	3	TAP	\$ 500,000	\$ 400,000	\$ 100,000	Construction; CMAQ+TAP Total Cost = \$9,684,778 \$9,334,137; MPO Evaluation Score = 40; TAP Proponent = Sudbury
AMENDMENT:Change Additional Information	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 \$15,120,000; MPO Evaluation Score = 75

6

HSIP

STP

2,000,000

12,120,000 \$

1,800,000 \$

9,696,000 \$

200,000

2,424,000

WATERTOWN- REHABILITATION OF MOUNT AUBURN STREET (ROUTE 16)

WATERTOWN- REHABILITATION OF MOUNT AUBURN

STREET (ROUTE 16)

Indicates a change in project cost

Indicates removed from TIP (cost not reflected in total)

Indicates a project moved in from another TIP element

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

Indicates a project mo				r renected in tota	n)						
Indicates a new fundin											
Amendment / Adjustment Type ▼	STIP Program ▼	MassDOT Project ID ▼	Metropolitan Planning Organization ▼	Municipality Name ▼	MassDOT Project Description ♥	MassDOT District ▼	Funding Source ▼	Total Programmed Funds ▼	Federal Funds ▼	Non-Federal Funds ▼	Additional Information ▼  Present information as follows, if applicable: a) 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; TAP project proponent; i) other information
AMENDMENT:Change Additional Information	Roadway Reconstruction	608078	Boston Region	Chelsea	CHELSEA- RECONSTRUCTION ON BROADWAY (ROUTE 107), FROM CITY HALL AVENUE TO THE REVERE C.L.	6	CMAQ	\$ 1,000,000	\$ 800,000	\$ 200,000	Construction; CMAQ+STP Total Cost = \$10.027,90 \$9,669,765; MPO Evaluation Score = 61
AMENDMENT:Decrease Cost	Roadway Reconstruction	608078	Boston Region	Chelsea	CHELSEA- RECONSTRUCTION ON BROADWAY (ROUTE 107), FROM CITY HALL AVENUE TO THE REVERE C.L.	6	STP	\$ 8,669,765	\$ 6,935,812	\$ 1,733,953	Construction; CMAQ+STP Total Cost = \$10.027,90 \$9,669,765; MPO Evaluation Score = 61
AMENDMENT:Add Project	Roadway Reconstruction	608889	Boston Region	Framingham	FRAMINGHAM- TRAFFIC SIGNAL INSTALLATION AT EDGELL ROAD AND CENTRAL STREET	3	CMAQ	\$ 1,680,000	\$ 1,344,000	\$ 336,000	Construction; CMAQ+STP Total Cost = \$1,814,400 MPO Evaluation Score = 41
AMENDMENT:Add Project	Roadway Reconstruction	608889	Boston Region	Framingham	FRAMINGHAM- TRAFFIC SIGNAL INSTALLATION AT EDGELL ROAD AND CENTRAL STREET	3	STP	\$ 134,400	\$ 107,520	\$ 26,880	Construction; CMAQ+STP Total Cost = \$1,814,400 MPO Evaluation Score = 41
AMENDMENT:Move Project (FROM 2023)	Roadway Reconstruction	608887	7 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 = \$6,060,000 \$4,380,828; MPO Evaluation Score = 49.000 Project moved from FFY 2023.
AMENDMENT:Move Project (FROM 2023)	Roadway Reconstruction	608887	7 Boston Region	Bellingham	BELLINGHAM- REHABILITATION AND RELATED WORK ON ROUTE 126, FROM DOUGLAS DRIVE TO ROUTE 140	3	STP	\$ 1,500,000	\$ 1,200,000	\$ 300,000	Construction; CMAQ+STP+TAP Total Cost = \$6,060,000 \$4,380,828; MPO Evaluation Score = 4 Project moved from FFY 2023.
AMENDMENT:Move Project (FROM 2023)	Roadway Reconstruction	608887	7 Boston Region	Bellingham	BELLINGHAM- REHABILITATION AND RELATED WORK ON ROUTE 126, FROM DOUGLAS DRIVE TO ROUTE 140	3	TAP	\$ 880,828	\$ 704,662	\$ 176,166	Construction; CMAQ+STP+TAP Total Cost = \$6,960,000 \$4,380,928; MPO Evaluation Score = 4 TAP Proponent = Bellingham; Project moved from FFY 2023.
AMENDMENT:Move Project (FROM 2021)	Roadway Reconstruction	601607	7 Boston Region	Hull	HULL- RECONSTRUCTION OF ATLANTIC AVENUE AND RELATED WORK FROM NANTASKET AVENUE TO COHASSET TOWN LINE	5	STP	\$ 7,263,401	\$ 5,810,721	\$ 1,452,680	Construction; Total Cost = \$6,651,674 \$7,263,401 MPO Evaluation Score = 44; Project moved from Ff 2021.
AMENDMENT:Change Additional Information	Roadway Reconstruction	608229	Boston Region	Acton	ACTON-INTERSECTION & SIGNAL IMPROVEMENTS AT KELLEY'S CORNER, ROUTE 111 (MASSACHUSETTS AVENUE) AND ROUTE 27 (MAIN STREET)	3	CMAQ	\$ 3,000,000	\$ 2,400,000	\$ 600,000	Construction; CMAQ+TAP+STP Total Cost = \$14,718,376 \$15,141,463; MPO Evaluation Score 45
AMENDMENT:Increase Cost	Roadway Reconstruction	608229	Boston Region	Acton	ACTON- INTERSECTION & SIGNAL IMPROVEMENTS AT KELLEY'S CORNER, ROUTE 111 (MASSACHUSETTS AVENUE) AND ROUTE 27 (MAIN STREET)	3	STP	\$ 11,941,463	\$ 9,553,170	\$ 2,388,293	Construction; CMAQ+TAP+STP Total Cost = \$14,718,379 \$15,141,463; MPO Evaluation Score 45
AMENDMENT:Change Additional Information	Roadway Reconstruction	608229	Boston Region	Acton	ACTON- INTERSECTION & SIGNAL IMPROVEMENTS AT KELLEY'S CORNER, ROUTE 111 (MASSACHUSETTS AVENUE) AND ROUTE 27 (MAIN STREET)	3	TAP	\$ 200,000	\$ 160,000	\$ 40,000	Construction; CMAQ+TAP+STP Total Cost = \$14,719,378 \$15,141,463; MPO Evaluation Score 45; TAP Proponent = Acton
AMENDMENT:Add Project	Planning / Adjustments / Pass-throughs	BN0009	Boston Region	Multiple	COMMUNITY TRANSPORTATION PROGRAM	N/A	CMAQ	\$ 2,000,000	\$ 1,600,000		Planning, Design, or Construction; Set Aside for LR Clean Air and Mobility Program
					Regionall	y Prioritized Pro	jects subtotal ▶	\$ 106,681,829	\$ 85,608,636	\$ 21,073,193	■ 80% Federal + 20% Non-Federal
► Section 1A / Fiscal Cor	istraint Analys	IS			<u>Total Regional Fede</u>		Programmed ► programmed ►				\$ - Target Funds Available
	Section 1A instru from ProjectInfo; C	Column E) Choose	Municipality Name from	n dropdown list; Column	down list to populate header and MPO column; Column C) Enter ID H) Choose the Funding Source being used for the project - if multiple of funds being programmed in this fiscal year and for each funding	HSIP	programmed >	\$ 2,631,724	\$ 2,368,552	◀ HSIP	
	source; Column J	) Federal funds aut	tocalculates. Please ver	ify the amount and only o	thange if needed for flex. Column K) Non-federal funds autocalculates. Division before programming; Column L) Enter Additional Information	CMAQ	programmed >	\$ 29,004,101	\$ 21,603,281	<b>⋖</b> CMAQ	

### 2022 **Boston Region Transportation Improvement Program** Indicates a change in project cost Indicates removed from TIP (cost not reflected in total) Indicates a project moved in from another TIP element Indicates a project moved out to another TIP element (cost not reflected in total) Indicates a new addition to the TIP (action taken as denoted) Indicates a new funding category Amendment / MassDOT Metropolitan Municipality MassDOT MassDOT Funding Total Programmed Federal Non-Federal Adjustment Type \ Planning . Funds ▼ Additional Information ▼ Project ID ▼ Name ▼ Project District ▼ Source ▼ Funds ▼ Funds ▼ Program ▼ Organization Present information as follows, if applicable: a) Planning Description V 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 as described - please do not use any other format. TAP programmed ► \$ 4,608,800 \$ 3,687,040 **◀ TAP** ► Section 1B / Earmark or Discretionary Grant Funded Projects Other Federal Aid Construction; NHPP+HSIP+Other Federal Aid Total BOSTON- ROADWAY, CEILING & WALL Cost = \$126,544,931; Total MPO Contribution = Other Federal AMENDMENT:Add Project 606476 Boston Region Boston RECONSTRUCTION, NEW JET FANS, AND OTHER Other FA 11,607,808 \$ 9,286,246 \$ \$22,115,687; AC Yr 2 of 3; Other Federal Aid = NHPF CONTROL SYSTEMS IN SUMNER TUNNEL Construction; NHPP+HSIP+Other Federal Aid Total BOSTON- ROADWAY, CEILING & WALL Cost = \$126 544 931: Total MPO Contribution = Other Federal AMENDMENT:Add Project 606476 Boston Region RECONSTRUCTION, NEW JET FANS, AND OTHER Boston 6 Other FA 11.607.808 \$ 9.286.246 \$ 2.321.562 \$22,115,687; AC Yr 2 of 3; Other Federal Aid = NHPF CONTROL SYSTEMS IN SUMNER TUNNEL Construction: NHPP+HSIP+Other Federal Aid Total BOSTON- ROADWAY, CEILING & WALL Cost = \$126,544,931; Total MPO Contribution = RECONSTRUCTION, NEW JET FANS, AND OTHER AMENDMENT:Add Project 606476 Boston Region Bostor Other FA 11.607.808 9 286 246 \$ \$22,115,687; AC Yr 2 of 3; Other Federal Aid = NHPI CONTROL SYSTEMS IN SUMNER TUNNEL HPP Boston Region Other Federal Aid 27,858,739 \$ Other Federal Aid subtotal ▶ \$ 34.823.424 \$ 6,964,685 ◀ Funding Split Varies by Funding Source Section 2A / State Prioritized Reliability Projects ► Bridge Program / Inspections Bridge Program Boston Region Bridge Inspection Bridge Program / Inspections subtotal ▶ \$ ■ Funding Split Varies by Funding Source ► Bridge Program / Off-System Boston Region Bridge Program / Off-System Bridge Program / Off-System subtotal ▶ \$ ■ 80% Federal + 20% Non-Federal ► Bridge Program / On-System (NHS) BOSTON- BRIDGE SUBSTRUCTURE REPAIRS, B-16-179, AUSTIN STREET OVER I-93 RAMPS, MBTA 608614 Boston Region BOSTON NHPP-On 22,132,800 \$ 17,706,240 4,426,560 Bridge Progran COMMUTER RAIL AND ORANGE LINE WILMINGTON- BRIDGE REPLACEMENT, W-38-002, Bridge Progran 607327 Boston Region WILMINGTON 4 NHPP-On 10,760,960 \$ 8,608,768 2,152,192 ROUTE 38 (MAIN STREET) OVER THE B&M RAILROAD BOSTON- BRIDGE REPLACEMENT, B-16-016, NORTH 4,524,201 AC Year 6 of 6, Total Cost = \$193,058,158 Bridge Progran 604173 Boston Region BOSTON WASHINGTON STREET OVER THE BOSTON INNER 6 NHPP-On 22.621.004 \$ 18.096.803 \$ LYNN- SAUGUS- BRIDGE REPLACEMENT, L-18-016=S-ADJUSTMENT:Increase 604952 Boston Region Multiple 05-008, ROUTE 107 OVER THE SAUGUS RIVER (AKA -NHPP-On 23,703,134 \$ 18,962,507 \$ 4,740,627 AC Year 4 of 5, Total Cost = \$84,253,135 BELDEN G. BLY BRIDGE) Bridge Program / On-System (NHS) subtotal ▶ \$ 63,374,318 \$ 15,843,580 ■ Funding Split Varies by Funding Source 79.217.898 \$ ► Bridge Program / On-System (Non-NHS) WILMINGTON- BRIDGE REPLACEMENT, W-38-003. WILMINGTON NHPP-Off 5.183.360 \$ 4,146,688 1.036.672 Bridge Program 608929 Boston Region BUTTERS ROW OVER MBTA Bridge Program Boston Region NHPP-Off 4.146.688 1,036,672 ◀ 80% Federal + 20% Non-Federal Bridge Program / On-System (Non-NHS) subtotal ▶ \$ 5,183,360 \$ ▶ Bridge Program / Systematic Maintenance

Indicates a change in project cost

Indicates removed from TIP (cost not reflected in total)

Indicates a project moved in from another TIP element

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

Indicates a new addi	ion to the TIP	(action take	n as denoted)								
Indicates a new fund											
Amendment / Adjustment Type ▼	STIP Program ▼	MassDOT Project ID ▼	Metropolitan Planning Organization ▼	Municipality Name ▼	MassDOT Project Description ▼	MassDOT District ▼	Funding Source ▼	Total Programmed Funds ▼	Federal Funds ▼	Non-Federal Funds ▼	Additional Information ▼  Present information as follows, if applicable: a) Plannin Design / or Construction, b) total project cost and funding sources used; c) advance construction status; d) MPO project socre; e) name of entity receiving a transfer; f) name of entity paying the non-state non-federal match; g) earmark details; TAP project proponent; i) other information
	Bridge Program	608866	Boston Region	NEWTON- WESTON	NEWTON- WESTON- STEEL SUPERSTRUCTURE CLEANING (FULL REMOVAL) AND PAINTING OF 3 BRIDGES: N-12-051, W-29-011 & W-29-028	6	NHPP-On	\$ 2,349,900	\$ 1,879,920	\$ 469,980	
					Bridge Program / Sys	tematic Mainten	ance subtotal >	\$ 2,349,900	\$ 1,879,920	\$ 469,980	■ Funding Split Varies by Funding Source
► Interstate Pavement											
	Interstate Pavement	608210	Boston Region	Multiple	FOXBOROUGH- PLAINVILLE- WRENTHAM- FRANKLIN I.M. RESURFACING WORK ON I-495	5	NHPP	\$ 11,497,920	\$ 10,348,128	\$ 1,149,792	
					I	Insterstate Pave	ment subtotal >	\$ 11,497,920	\$ 10,348,128	\$ 1,149,792	◀ 90% Federal + 10% Non-Federal
► Non-Interstate Paven			_		ON EN LYON DECURE CONTROL OF THE CON	_	_	T	· <u> </u>		
	Non-Interstate Pavement	608817	Boston Region	Multiple	SALEM- LYNN- RESURFACING AND RELATED WORK ON RTE 107	4	NHPP	\$ 2,527,560	\$ 2,022,048	\$ 505,512	
	Non-Interstate Pavement	608498	Boston Region	Multiple	HINGHAM- WEYMOUTH- BRAINTREE- RESURFACING AND RELATED WORK ON ROUTE 53	6	NHPP	\$ 7,929,600	\$ 6,343,680	\$ 1,585,920	
	Non-Interstate Pavement	608818	Boston Region	DANVERS	DANVERS- RESURFACING AND RELATED WORK ON ROUTE 114	4	NHPP	\$ 1,850,240	\$ 1,480,192	\$ 370,048	
					Non	-Interstate Pave	ment subtotal <b>&gt;</b>	\$ 12,307,400	\$ 9,845,920	\$ 2,461,480	■ 80% Federal + 20% Non-Federal
► Roadway Improvement	ents			1				I		I	
	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			\$ -	\$ -	\$ -	
	•				Roa	adway Improvem	ents subtotal >	\$ 526,235	\$ 420,988	\$ 105,247	■ 80% Federal + 20% Non-Federal
► Safety Improvement				1				I		I	
	Safety Improvements		Boston Region		Safety Improvements	2-f-t-1		\$ - \$ -			▼ Funding Split Varies by Funding Source
► Section 2B / State Pri	auitimad Madaya	ivetien Dveise	10		•	Safety Improvem	ienis subiolai 🕨	-	-	-	Turiding Split varies by Funding Source
► ADA Retrofits	ontizea wodern	ization Projec	ıs								
ADA Retroits	ADA Retrofits		Boston Region		ADA Retrofits			\$ -	\$ -	s -	
						ADA Ret	rofits subtotal ►				■ 80% Federal + 20% Non-Federal
► Intersection Improve	ments					712711100	onto oubtotal P	· ·	1 •	1 •	1 55/01 505/01 25/01/01/1 505/01
r mersecuon improve	Intersection Improvements	608567	Boston Region	Peabody	PEABODY- IMPROVEMENTS AT ROUTE 114 AT SYLVAN STREET, CROSS STREET, NORTHSHORE MALL, LORIS ROAD, ROUTE 128 INTERCHANGE AND ESQUIRE DRIVE	4	HSIP	\$ 3,200,000	\$ 2,880,000	\$ 320,000	
	Intersection Improvements	608569	Boston Region	Quincy	QUINCY- INTERSECTION IMPROVEMENTS AT ROUTE 3A (SOUTHERN ARTERY) AND BROAD STREET	6	HSIP	\$ 4,000,000	\$ 3,600,000	\$ 400,000	
					Inters	ection Improvem	ents subtotal >	\$ 7,200,000	\$ 6,480,000	\$ 720,000	■ Funding Split Varies by Funding Source
► Intelligent Transporta			1	1	1	T		T	I	T	
	Intelligent Transportation Systems		Boston Region		Intelligent Transportation Systems			\$ -	\$ -	\$ -	
	1.	1	1	1	Intelligent To	ransportation Sys	stem subtotal >	\$ -	\$ -	\$ -	■ 80% Federal + 20% Non-Federal

### **Boston Region Transportation Improvement Program** 2022 Indicates a change in project cost Indicates removed from TIP (cost not reflected in total) Indicates a project moved in from another TIP element Indicates a project moved out to another TIP element (cost not reflected in total) Indicates a new addition to the TIP (action taken as denoted) Indicates a new funding category Amendment / MassDOT Metropolitan Municipality MassDOT MassDOT Funding Total Programmed Federal Non-Federal Adjustment Type ▼ Planning . Funds ▼ Additional Information ▼ Project ID ▼ Name ▼ Project District ▼ Source ▼ Funds ▼ Funds ▼ Program ▼ Present information as follows, if applicable: a) Planning Description ▼ Organization \ Design / or Construction; b) total project cost and funding sources used: c) advance construction status: d) MPO project score; e) name of entity receiving a transfer; f) name of entity paying the non-state non-federal match; g) earmark details; h) TAP project proponent; i) other information ► Roadway Reconstruction Total Federal Participating Cost (TFPC) = HOPKINTON- WESTBOROUGH- RECONSTRUCTION Roadway 5,500,000 \$189,451,000; Total Construction Cost (TCC) = Boston Region Multiple NFP 27.500.000 22.000.000 Reconstruction OF I-90/I-495 INTERCHANGE \$270,000,000; AC Yr 1 of 6 Total Federal Participating Cost (TFPC) = HOPKINTON- WESTBOROUGH- RECONSTRUCTION \$189,451,000; Total Construction Cost (TCC) = Multiple NHPP 12.233.939 9.787.151 607977 Boston Region Reconstruction OF I-90/I-495 INTERCHANGE \$270,000,000; AC Yr 1 of 6 Roadway Reconstruction subtotal ▶ \$ 39,733,939 \$ 31,787,151 \$ 7,946,788 ■ Funding Split Varies by Funding Source ► Section 2C / State Prioritized Expansion Projects ► Bicycles and Pedestrians Ricycles and Boston Region Bicycles and Pedestrians Pedestrians Bicycles and Pedestrians subtotal ▶ \$ - \$ - \$ - ■ 80% Federal + 20% Non-Federal ▶ Capacity Boston Region Capacity Capacity - \$ Capacity subtotal ► \$ - Funding Split Varies by Funding Source Section 3 / Planning / Adjustments / Pass-throughs ▶ Planning / Adjustments / Pass-throughs Boston Region ABP GANS Repayment Multiple Boston Region ABP GANS Repayment Multiple Multiple Boston Region Award adjustments, change orders, etc. Multiple Boston Region Award adjustments, change orders, etc. Boston Region Award adjustments, change orders, etc. Multiple Boston Region Award adjustments, change orders, etc. Multiple Multiple Boston Region Metropolitan Planning Boston Region Metropolitan Planning Multiple - \$ State Planning and Research Work Program I, (SPR I), Boston Region Multiple Planning State Planning and Research Work Program II, (SPR II), Boston Region Multiple --Research Boston Region Railroad Crossings Multiple Railroad Crossings Multiple Boston Region Recreational Trails Boston Region Multiple Other Statewide Items subtotal ▶ \$ ► Section 4 / Non-Federally Aided Projects ► Non-Federally Aided Projects Total Federal Participating Cost (TFPC) = HOPKINTON- WESTBOROUGH- RECONSTRUCTION 607977 Boston Region 18.112.483 \$189.451,000; Total Construction Cost (TCC) = Non Federal Aid Multiple 3 NFA 18.112.483 OF I-90/I-495 INTERCHANGE \$270,000,000: AC Yr 1 of 6 Non-Federally Boston Region Non-Federal Aid Non-Federal Aid subtotal▶ \$ 18.112.483 18,112,483 ◀100% Non-Federal TIP Section 1 - 3: ▼ TIP Section 4: ▼ Total of All 2022 Summary Projects ▼ Total ► \$ 299,521,905 \$ 18,112,483 \$ 317,634,388 ◀ Total Spending in Region Federal Funds ► \$ 241 750 488 241,750,488 ■ Total Federal Spending in Region Non-Federal Funds ▶ \$ 57,771,417 \$ 75,883,900 ■ Total Non-Federal Spending in Region

Indicates a change in project cost

Indicates removed from TIP (cost not reflected in total)

Indicates a project moved in from another TIP element

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

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

Indicates a new funding category

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

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 Municipall Limitation referenced in this Regulation is applicable only to projects where the Municipally is a Managing Authority. For all projects contained in the TIP, the Commonwealth is the Awarding Authority. Therefore, all projects work in the Municipally and Police on the TIP, the Municipally acknowledges that 701 CMR 7.00 applicable to its project and design and construction will be fully compliant with this Regulation. This information relative to guidance and implementation can be found at the following link on the MassacOT Highway Division website. 1thy Highway Division websit. 1thy Highway

### 2023 **Boston Region Transportation Improvement Program** Indicates a change in project cost Indicates removed from TIP (cost not reflected in total) Indicates a project moved in from another TIP element Indicates a project moved out to another TIP element (cost not reflected in total) Indicates a new addition to the TIP (action taken as denoted) Indicates a new funding category MassDOT Funding Total Programmed MassDOT Municipality Name | MassDOT Adjustment Type ▼ Project ID ▼ Planning Project District ▼ Source ▼ Funds ▼ Funds V Funds ▼ Additional Information ▼ Organization V Description V 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) ► Section 1A / Regionally Prioritized Projects ► Regionally Prioritized Projects Construction: NHPP+STP+TAP Total Cost = \$152,000,000: AMENDMENT:Change BOSTON- RECONSTRUCTION OF RUTHERFORD AC Yr 2 of 5; Total funding in this TIP = 606226 Boston Region Bostor NHPP 13.000.000 10.400.000 \$ AVENUE, FROM CITY SQUARE TO SULLIVAN SQUARE \$57,824,785; MPO Evaluation Score = 59; F Construction: NHPP+STP+TAP Total Cost = \$152,000,000: AMENDMENT:Decrease BOSTON- RECONSTRUCTION OF RUTHERFORD AC Yr 2 of 5; Total funding in this TIP = \$14 oadway 606226 Boston Region STP 20 268 422 16.214.738 \$ AVENUE, FROM CITY SQUARE TO SULLIVAN SQUARE \$57,824,785; MPO Evaluation Score = 59; Fu Construction: NHPP+STP+TAP Total Cost = \$152.000.000: AMENDMENT:Change BOSTON- RECONSTRUCTION OF RUTHERFORD AC Yr 2 of 5; Total funding in this TIP = \$ Roadway 606226 Boston Region ГАР 1,000,000 800,000 \$ \$57,824,785; MPO Evaluation Score = 59; TAP Proponent = Boston; Funding decrease in FFY 2023 of \$5,731,578 AVENUE, FROM CITY SQUARE TO SULLIVAN SQUARE Construction; CMAQ+STP Total Cost = \$6,124,800 AMENDMENT: Change Roadway BEVERLY - RECONSTRUCTION OF BRIDGE STREET 608348 Boston Region CMAO 3,000,000 2,400,000 600 000 \$8,504,923; MPO Evaluation Score = 66 Construction; CMAQ+STP Total Cost = \$6,124,800 \$8,504,923; MPO Evaluation Score = 66 AMENDMENT:Increase 0 608348 BEVERLY - RECONSTRUCTION OF BRIDGE STREET STP 5.504.923 4.403.938 1.100.985 Boston Region Construction: CMAQ+HSIP+STP Total Cost = \$11,205.6 AMENDMENT:Change Boston Region PEABODY - REHABILITATION OF CENTRAL STREET CMAQ 3,000,000 2,400,000 \$10,819,200; MPO Evaluation Score = 61 Additional Information econstruction AMENDMENT:Change Construction: CMAQ+HSIP+STP Total Cost = \$11.205 PEABODY - REHABILITATION OF CENTRAL STREET Boston Region 1,500,000 1,350,000 Additional Information econstruct Construction; CMAQ+HSIP+STP Total Cost = \$11,20 Roadway AMENDMENT:Decrease 608933 PEABODY - REHABILITATION OF CENTRAL STREET 6,319,200 5,055,360 1,263,840 \$10,819,200; MPO Evaluation Score = 61 WINTHROP - RECONSTRUCTION & RELATED WORK Construction; CMAQ+STP+TAP Total Cost = \$4,060, ALONG WINTHROP STREET & REVERE STREET CMAQ 2.000.000 1.600.000 607244 Boston Region Vinthrop 400.000 Additional Information \$5.644.800: MPO Evaluation Score = 47 WINTHROP - RECONSTRUCTION & RELATED WORK Construction; CMAQ+STP+TAP Total Cost = \$4,060 AMENDMENT:Increase Co 607244 Boston Region ALONG WINTHROP STREET & REVERE STREET 3,084,800 2,467,840 \$ \$5.644.800; MPO Evaluation Score = 47 Construction; CMAQ+STP+TAP Total Cost = \$4,060, WINTHROP - RECONSTRUCTION & RELATED WORK AMENDMENT:Change 560,000 448,000 \$5,644,800; MPO Evaluation Score = 47; TAP Proponent = 607244 Boston Region Additional Information CORRIDOR IPSWICH - RESURFACING &RELATED WORK ON Construction; STP+TAP Total Cost = \$3,019,550 \$2,939,052; AMENDMENT:Decrease Roadway STP 605743 Boston Region 2,419,502 1,935,602 483,900 MPO Evaluation Score = 47 AMENDMENT:Change IPSWICH - RESURFACING &RELATED WORK ON nstruction; STP+TAP Total Cost = \$3,019,550 \$2,939,052 Roadway 605743 Boston Region ΓΔΡ 519.550 415.640 103.910 MPO Evaluation Score = 47; TAP Proponent = Ipswich construction; STP+TAP Total Cost = \$6,526,2 AMENDMENT: Decrease Roadway 608707 Boston Region Quincy OUINCY - RECONSTRUCTION OF SEA STREET STP 6 066 683 4,853,346 1,213,337 MPO Evaluation Score = 40 Construction; STP+TAP Total Cost = \$6,526,254 \$6,292,937 MPO Evaluation Score = 40; TAP Project Proponent = Quincy AMENDMENT:Change 608707 QUINCY - RECONSTRUCTION OF SEA STREET ГАР Boston Region Quincy 226,25 181,003 45,251 Additional Information econstruction COHASSET/SCITUATE - CORRIDOR IMPROVEMENTS AMENDMENT:Change Construction; HSIP+STP+TAP Total Cost = \$4,640,232 AND RELATED WORK ON JUSTICE CUSHING HIGHWAY Roadway 608007 Boston Region HSIP 1,500,000 1,350,000 \$ Multiple 150,000 ROUTE 3A), FROM BEECHWOOD STREET TO HENRY \$8,971,636; MPO Evaluation Score = 37 URNER BAILEY ROAD COHASSET/SCITUATE - CORRIDOR IMPROVEMENTS Construction; HSIP+STP+TAP Total Cost = \$4,640,232 AMENDMENT:Increase Cost 608007 Boston Region Multiple 7,331,404 5,865,123 \$ ROUTE 3A), FROM BEECHWOOD STREET TO HENRY \$8,971,636; MPO Evaluation Score = 37 URNER BAILEY ROAD COHASSET/SCITUATE - CORRIDOR IMPROVEMENTS Construction; HSIP+STP+TAP Total Cost = \$4,64 Roadway AMENDMENT:Change AND RELATED WORK ON JUSTICE CUSHING HIGHWAY (ROUTE 3A), FROM BEECHWOOD STREET TO HENRY \$8,971,636; MPO Evaluation Score = 37; TAP Proponent = MassDOT 608007 Boston Region TAP 140,232 112,186 dditional Information URNER BAILEY ROAD

### 2023 **Boston Region Transportation Improvement Program** Indicates a change in project cost Indicates removed from TIP (cost not reflected in total) Indicates a project moved in from another TIP element Indicates a project moved out to another TIP element (cost not reflected in total) Indicates a new addition to the TIP (action taken as denoted) Indicates a new funding category MassDOT Funding MassDOT Municipality Name | MassDOT Total Programmed Adjustment Type ▼ Program ▼ Project ID ▼ Planning Project District ▼ Source ▼ Funds ▼ Funds ▼ Funds ▼ Additional Information ▼ Organization ▼ Description V 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) DEDHAM - PEDESTRIAN IMPROVEMENTS ALONG BUSSEY STREET, INCLUDING SUPERSTRUCTURE Construction; STP+TAP Total Cost = \$4,527,196 \$4,368,780; AMENDMENT: Decrease Roadwa 607899 Boston Region Dedham STP 3,841,584 3,073,267 \$ REPLACEMENT, D-05-010, BUSSEY STREET OVER MPO Evaluation Score = 35 MOTHER BROOK DEDHAM - PEDESTRIAN IMPROVEMENTS ALONG BUSSEY STREET, INCLUDING SUPERSTRUCTURE Construction; STP+TAP Total Cost = \$4,527,196 \$4,368,780 AMENDMENT:Change 607899 Boston Region Dedham ГАР 527 196 421 757 S dditional Information REPLACEMENT, D-05-010, BUSSEY STREET OVER MPO Evaluation Score = 35; TAP Proponent = Dedham MOTHER BROOK WRENTHAM - CONSTRUCTION OF A SLIP RAMP FROM ROUTE 1A NB TO I-495 SB AND ASSCOCIATED Construction: HSIP+STP+TAP Total Cost = \$11,600,000 603739 Boston Region Wrentham HSIP 2.500.000 2,250,000 250.000 Additional Information \$13.103.505: MPO Evaluation Score = 55 INTERSECTION IMPROVEMENTS ALONG ROUTE 1A WRENTHAM - CONSTRUCTION OF A SLIP RAMP FROM Construction: HSIP+STP+TAP Total Cost = \$11,600,000 ROUTE 1A NB TO I-495 SB AND ASSCOCIATED AMENDMENT:Increase Cost 603739 Boston Region 10.103.505 \$13,103,505; MPO Evaluation Score = 55 INTERSECTION IMPROVEMENTS ALONG ROUTE 1A WRENTHAM - CONSTRUCTION OF A SLIP RAMP FROM Construction; HSIP+STP+TAP Total Cost = \$11,600,000 AMENDMENT:Change ntersection 603739 Boston Region ROUTE 1A NB TO I-495 SB AND ASSCOCIATED INTERSECTION IMPROVEMENTS ALONG ROUTE 1A ГАР 500,000 400,000 \$ \$13,103,505; MPO Evaluation Score = 55; TAP Proponent = MassDOT Additional Information WILMINGTON- RECONSTRUCTION OF ROUTE 38 (MAIN Construction; CMAQ+HSIP+STP Total Cost = \$12,098,594; AMENDMENT:Add Project 608051 Boston Region Wilmington CMAQ 6,000,000 4,800,000 1,200,000 MPO Evaluation Score = 59 Construction; CMAQ+HSIP+STP Total Cost = \$12,098,594; WILMINGTON- RECONSTRUCTION OF ROUTE 38 (MAIN AMENDMENT:Add Project 608051 Boston Region Wilmington 1,000,000 900,000 100,000 STREET), FROM ROUTE 62 TO THE WOBURN CITY LINE MPO Evaluation Score = 59 Construction; CMAQ+HSIP+STP Total Cost = \$12.098.594: WILMINGTON- RECONSTRUCTION OF ROUTE 38 (MAIN STREET), FROM ROUTE 62 TO THE WOBURN CITY LINE AMENDMENT:Add Project STP 5,098,594 4,078,875 1,019,719 608051 Boston Region Wilmington MPO Evaluation Score = 59 Planning / Planning, Design, or Construction; Set Aside for LRTP Clear COMMUNITY TRANSPORTATION PROGRAM CMAQ 2.000.000 1.600.000 \$ Adjustments BN0009 Boston Region Multiple 400.000 Air and Mobility Program Pass-throughs 109,011,849 \$ 87,859,479 \$ 21,152,370 ◀ 80% Federal + 20% Non-Federal Total Regional Federal Aid Funds Programmed ▶ \$ 109,011,849 - Target Funds Available STP programmed ▶ 83,038,617 66,430,894 **◀ STP** 6,500,000 5,850,000 **◄ HSIP** 15; MPO Template Name) Choose Regional Name from dropdown list to populate header and MPO column; Column C) Enter ID from ProjectInfo HSIP programmed ▶ \$ Column E) Choose Municipality Name from dropdown list, Column H) Choose the Funding Source being used for the project - if multiple funding sources are being used enter multiple lines; Column I) Enter the total amount of funds being programmed in this fiscal year and for each funding source; Column J) Federal funds autocalculates. CMAQ programmed ▶ \$ 16,000,000 12,800,000 **◄ 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 with Rail & Transit Division before programming; Column L) Enter Additional Information as described - please do not use any other format 3,473,232 2,778,586 **◀ TAP** TAP programmed ▶ Section 1B / Earmark or Discret ► Other Federal Aid BOSTON- ROADWAY CEILING & WALL Construction: NHPP+HSIP+Other Federal Aid Total Cost = 2,321,562 \$126,544,931; Total MPO Contribution = \$22,115,687; AC Yr AMENDMENT:Add Project 606476 Boston Region RECONSTRUCTION, NEW JET FANS, AND OTHER Other FA 11,607,808 9,286,246 3 of 3: Other Federal Aid = NHPP-F CONTROL SYSTEMS IN SUMNER TUNNEL Boston Region Other Federal Aid HPP Other Federal Aid subtotal ▶ \$ 11.607.808 \$ 9,286,246 \$ 2,321,562 ◀ Funding Split Varies by Funding Source ▶ Bridge Program / Inspections Bridge Program Boston Region Bridge Inspection

### **Boston Region Transportation Improvement Program** 2023 Indicates a change in project cost Indicates removed from TIP (cost not reflected in total) Indicates a project moved in from another TIP element Indicates a project moved out to another TIP element (cost not reflected in total) Indicates a new addition to the TIP (action taken as denoted) Indicates a new funding category MassDOT Funding MassDOT Municipality Name | MassDOT Total Programmed Adjustment Type ▼ Project ID ▼ Planning Project District ▼ Source ▼ Funds ▼ Funds ▼ Funds ▼ Additional Information ▼ Present information as follows, if applicable: a) Planning / Organization ▼ Description V 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) Bridge Program / Inspections subtotal ▶ \$ In Funding Split Varies by Funding Source ▶ Bridge Program / Off-System Boston Region Bridge Program / Off-System Bridge Program Bridge Program / Off-System subtotal ▶ \$ ◀ 80% Federal + 20% Non-Federal ▶ Bridge Program / On-System (NHS) BOSTON- BRIDGE RECONSTRUCTION/REHAB. B-16-181 Bridge Progra 606902 Boston Region BOSTON NHPP-On 6,900,000 5,520,000 1,380,000 BOSTON- BRIDGE REPLACEMENT B-16-365, BOWKER OVERPASS OVER STORROW DRIVE (EB) 606728 Boston Region BOSTON NHPP-On 24,009,700 19,207,760 4,801,940 Bridge Progran LYNN- SAUGUS- BRIDGE REPLACEMENT, L-18-016=S-05-ADJUSTMENT:Increase 008, ROUTE 107 OVER THE SAUGUS RIVER (AKA -NHPP-On 7,856,314 1,964,079 AC Year 5 of 5, Total Cost = \$84,253,135 ridge Progran 604952 Boston Region Multiple 9,820,393 BELDEN G. BLY BRIDGE) Bridge Program / On-System (NHS) subtotal ▶ \$ 32,584,074 \$ 8,146,019 ◀ Funding Split Varies by Funding Source 40,730,093 ▶ Bridge Program / On-System (Non-NHS) 608197 Boston Region BOSTON NHPP-Off 4.678.280 3.742.624 \$ Bridge Progran CANTERBURY STREET OVER AMTRAK/MBTA Bridge Program / On-System (Non-NHS) subtotal ▶ \$ 4,678,280 \$ 3,742,624 \$ 935,656 ◀ 80% Federal + 20% Non-Federal ▶ Bridge Program / Systematic Maintenance NEWTON- WESTWOOD- STEEL SUPERSTRUCTURE Bridge Progra 608609 Boston Region Multiple CLEANING (FULL REMOVAL) AND PAINTING OF 2 BRIDGES: N-12-056 & W-31-006 NHPP-Off 2,142,857 1,714,285 428,571 Bridge Program / Systematic Maintenance subtotal ▶ \$ 2,142,857 1,714,285 \$ 428,571 ◀ Funding Split Varies by Funding Source ► Interstate Pavement Boston Region Interstate Pavement ■ 90% Federal + 10% Non-Federal Insterstate Pavement subtotal ▶ \$ ► Non-Interstate Pavement CONCORD- LINCOLN- LEXINGTON RESURFACING AND RELATED WORK ON ROUTE 2A Non-Interstate 608495 NHPP 3,480,000 2,784,000 \$ 696.00 WENHAM- MANCHESTER- ESSEX- GLOUCESTER-Non-Interstate PAVEMENT PRESERVATION AND RELATED WORK ON 13,731,802 10,985,442 \$ Pavement ROUTE 128 Non-Interstate Pavement subtotal ▶ \$ 17,211,802 \$ 13.769.442 \$ 3,442,360 ◀ 80% Federal + 20% Non-Federal ▶ Roadway Improvements Roadway Boston Region Roadway Improvements ■ 80% Federal + 20% Non-Federal Roadway Improvements subtotal > \$ - \$ Safety Improvements Safety Improvements CANTON-DEDHAM-NORWOOD- HIGHWAY LIGHTING 609053 Boston Region 4,000,000 3,200,000 IMPROVEMENTS AT 193 & 195/128 Safety Improvements PEABODY TO GLOUCESTER- GUIDE AND TRAFFIC SIGN HSIP 1,960,848 1,764,764 609058 Boston Region REPLACEMENT ON ROUTE 128 LYNNFIELD- PEABODY- DANVERS- GUIDE AND TRAFFIC Safety 609060 Boston Region Multiple SIGN REPLACEMENT ON I-95/128 (TASK 'A HSIE 492,862 443,576 \$ 49,286 Boston Region Safety Improvements Improvement: Safety Improvements subtotal ▶ \$ 6,453,711 \$ 5,408,340 \$ 1,045,371 ◀ Funding Split Varies by Funding Source

2023	Bosto	on Regi	on Trans	sportation	Improvement Program	1					
Indicates a change in	project cost			_							
Indicates removed fro	m TIP (cost	not reflected in	total)								
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Indicates a project mo				ected in total)							
Indicates a new addit		(action taken	as denoted)								
Indicates a new fundi Amendment /	ISTIP	MassDOT	Metropolitan	Municipality Name	MassDOT	MassDOT	Funding	Total Programmed	Federal	Non-Federal	T
Adjustment Type ▼	Program ▼	Project ID ▼	Planning Organization ▼	▼	Project Description▼		Source ▼	Funds ▼	Funds <b>▼</b>	Funds ▼	Additional Information ▼  Present information as follows, if applicable: a) Planning / Design in or Construction: b) total project cost and funding sources used: c) advance construction status; d) MPO project score: e) name or 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 2B / State Price	oritized Moder	nization Projects									
► ADA Retrofits		1	T		T.	1					I
	ADA Retrofits		Boston Region		ADA Retrofits			\$ -	\$ -	\$ -	
						ADA Retr	ofits subtotal >	\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal
► Intersection Improver	nents					ı					
	Intersection Improvements	608052	Boston Region	Norwood	NORWOOD- INTERSECTION & SIGNAL IMPROVEMENTS AT US 1 (PROVIDENCE HIGHWAY) & MORSE STREET	5	HSIP	\$ 974,815	\$ 877,334	\$ 97,482	
	Intersection Improvements	608564	Boston Region	Watertown	WATERTOWN- INTERSECTION IMPROVEMENTS AT ROUTE 16 AND GALEN STREET	6	HSIP	\$ 2,630,000	\$ 2,367,000	\$ 263,000	
	Intersection Improvements	608566	Boston Region	Marlborough	MARLBOROUGH- IMPROVEMENTS AT ROUTE 20 (EAST MAIN STREET) AT CURTIS AVENUE	3	HSIP	\$ 2,784,000	\$ 2,505,600	\$ 278,400	
	Intersection Improvements		Boston Region		Intersection Improvements		HSIP				
	Improvemento				Intersection	n Improvem	ents subtotal >	\$ 6,388,815	\$ 5,749,934	\$ 638,882	■ Funding Split Varies by Funding Source
► Intelligent Transporta											
	Intelligent Transportation Systems		Boston Region		Intelligent Transportation Systems			\$ -	\$ -	\$ -	
► Roadway Reconstruct					Intelligent Transp	ortation Sys	stem subtotal >	-	\$ -	\$ -	■ 80% Federal + 20% Non-Federal
P Roadway Reconstruct	Roadway Reconstruction	607977	Boston Region	Multiple	HOPKINTON- WESTBOROUGH- RECONSTRUCTION OF I- 90/I-495 INTERCHANGE	3	NFP	\$ 30,000,000	\$ 24,000,000	\$ 6,000,000	Total Federal Participating Cost (TFPC) = \$189,451,000; Total Construction Cost (TCC) = \$270,000,000; AC Yr 2 of 6
AMENDMENT:Add Project	Roadway Reconstruction	606476	Boston Region	Boston	BOSTON- ROADWAY, CEILING & WALL RECONSTRUCTION, NEW JET FANS, AND OTHER CONTROL SYSTEMS IN SUMNER TUNNEL	6	NHPP	\$ 12,234,709	\$ 9,787,767	\$ 2,446,942	Construction; NHPP+HSIP+Other Federal Aid Total Cost = \$126,544,931; Total MPO Contribution = \$22,115,687; AC Yr 3 of 3
					Roadway	Reconstruc	ction subtotal >	\$ 42,234,709	\$ 33,787,767	\$ 8,446,942	■ Funding Split Varies by Funding Source
► Section 2C / State Price	oritized Expans	sion Projects									
▶ Bicycles and Pedestri					T.						T.
	Bicycles and Pedestrians		Boston Region		Bicycles and Pedestrians			\$ -	\$ -	\$ -	
					Bicycles a	and Pedestr	ians subtotal <b>&gt;</b>	\$ -	\$ -	\$ -	■ 80% Federal + 20% Non-Federal
► Capacity	1	1			T	1	1				
	Capacity		Boston Region		Capacity			\$ -	\$ -	\$ -	
						Сара	acity subtotal >		\$ -	\$ -	■ Funding Split Varies by Funding Source
► Section 3 / Planning /											
▶ Planning / Adjustmen	ts / Pass-throu	gns	Boston Region		ABP GANS Repayment	Multiple		s -	\$ -	s -	
			Boston Region		ABP GANS Repayment	Multiple		7	\$ -	\$ -	
			Boston Region Boston Region		Award adjustments, change orders, etc.  Award adjustments, change orders, etc.	Multiple Multiple		\$ -	\$ -	\$ -	
			Boston Region		Award adjustments, change orders, etc.  Award adjustments, change orders, etc.	Multiple		\$ -	\$ -	\$ -	
			Boston Region		Award adjustments, change orders, etc.	Multiple		\$ -			
			Boston Region		Metropolitan Planning	Multiple		\$ - \$	\$ -	\$ -	
			Boston Region  Boston Region	-	Metropolitan Planning State Planning and Research Work Program I, (SPR I), Planning	Multiple Multiple		s -	s -	s -	
		-	-		State Planning and Research Work Program I, (SPR I), Planning  State Planning and Research Work Program II, (SPR II),			,	<u>*</u>	*	
			Boston Region		Research	Multiple		\$ -	\$ -	\$ -	
		-	Boston Region		Railroad Crossings	Multiple			\$ -	\$ -	
<b> </b>		<del>                                     </del>	Boston Region Boston Region		Railroad Crossings Recreational Trails	Multiple Multiple		\$ - \$ -	\$ - \$ -	\$ -	
				*			ems subtotal >	\$ -	\$ -		■ Funding Split Varies by Funding Source
[											

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ndicates a change in ndicates removed fr		not rofloated in	total\								
ndicates removed in			,								
				-41:- 4-4-1)							
ndicates a project m				cted in total)							
ndicates a new addi		(action taken	as denoted)								
ndicates a new fund	ng category	MassDOT	Metropolitan	Municipality Name	Macapat	MassDOT	Eundina	Total Programmed	Federal	Non-Federal	
dijustment Type ▼	Program ▼	Project ID ▼	Planning Organization ▼	wunicipality Name ▼	Project Description▼	District ▼				Funds ▼	Additional Information ▼  Present information as follows, if applicable: a) Planning /  Design / or Construction, b) total project cost and funding sources  used: e) advance construction status; d) MPO project score: e) na
		ects									non-federal match; g) earmark details; h) TAP project proponent;
			Boston Region	Multiple	HOPKINTON- WESTBOROUGH- RECONSTRUCTION OF I- 901-495 INTERCHANGE	3	NFA	\$ 18,112,483			non-fideral matich; g) earmark details; h) TAP project proponent; other information  Total Federal Participating Cost (TFPC) = \$189,451,000;
	Projects		Boston Region Boston Region	Multiple		3	NFA	\$ 18,112,483 \$ -			non-federal match; g) earmark details; h) TAP project proponent; other information  Total Federal Participating Cost (TFPC) = \$189,451,000;
Section 4 / Non-Fede Non-Federally Aided	Projects  Non Federal Aid  Non-Federally			Multiple	90/I-495 INTERCHANGE Non-Federal Aid		NFA I Aid subtotal▶	\$ -		\$ 18,112,483 \$ -	
Non-Federally Aided	Non Federal Aid Non-Federally Aided Projects			Multiple	90/I-495 INTERCHANGE Non-Federal Aid			\$ - \$ 18,112,483	TIP Section 4: ▼	\$ 18,112,483 \$ -	non-fideral matich; g) earmark details; h) TAP project proponent, other information  Total Federal Participating Cost (TFPC) = \$189,451,000; Total Construction Cost (TCC) = \$270,000,000; AC Yr 2 or
Non-Federally Aided	Non Federal Aid Non-Federally Aided Projects			Multiple	90/I-495 INTERCHANGE Non-Federal Aid	Non-Federa	I Aid subtotal▶	\$ 18.112.483 TIP Section 1 - 3: ▼ \$ 240.459,923		\$ 18,112,483 \$ . \$ 18,112,483 Total of All Projects ▼	non-federal match: g) earmark details; h) TAP project proponent, other information  Total Federal Participating Cost (TFPC) = \$189,451,000; Total Construction Cost (TCC) = \$270,000,000; AC Yr 2 of \$4100% Non-Federal
	Non Federal Aid Non-Federally Aided Projects			Multiple	90/I-495 INTERCHANGE Non-Federal Aid	Non-Federa	I Aid subtotal▶	\$ 18.112.483 TIP Section 1 - 3: ▼  \$ 240.459.923 \$ 193.902.191	\$ 18,112,483	\$ 18,112,483 \$ - \$ 18,112,483 Total of All Projects ▼ \$ 258,572,406 \$ 193,902,191	non-federal match; g) earmark details; h) TAP project proponent other information  Total Federal Participating Cost (TFPC) = \$189,451,000; Total Construction Cost (TCC) = \$270,000,000; AC Yr 2 o